THIS RUN EXECUTED 17 AUG 84 11:12:45

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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C
T1       CITY OF TAYLOR FLOOD INSURANCE STUDY
T2       BLAKELY DRAIN
T3      100-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       2.        0.        0.  0.000000      0.00      0.0       0.   608.100     0.000
J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
     1.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
J3  VARIABLE CODES FOR SUMMARY PRINTOUT
   110.000   150.000   200.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

NC     0.070     0.070     0.035     0.100     0.300     0.000     0.000     0.000     0.000     0.000
QT     2.000  1360.000  1360.000     2.000     0.000     0.000     0.000     0.000     0.000     0.000
ET     0.000     0.000     4.100   335.000   525.000     0.000     0.000     0.000     0.000     0.000
                DOWNSTREAM OF PENNSYLVANIA RD.
X1     0.000    15.000   400.000   480.000     0.000     0.000     0.000     0.000     0.000     0.000
GR   608.700     0.000   608.900   100.000   608.200   200.000   608.000   300.000   608.000   350.000
GR   606.800   [illegible]   599.600   431.200   597.500   446.000   599.700   463.000   607.600   480.000
GR   608.400   530.000   610.000   600.000   611.600   700.000   613.000   800.000   614.000   900.000

ET     0.000     0.000     4.100   295.000   581.000     0.000     0.000     0.000     0.000     0.000
X1    49.000    22.000   400.000   490.000    49.000    49.000    49.000     0.000     0.000     0.000
GR   606.000   [illegible]   607.700   100.000   607.500   200.000   607.500   300.000   607.900   350.000
GR   607.000   400.000   599.800   410.000   598.100   422.000   601.300   422.000   598.200   428.000
GR   601.300   436.000   601.300   439.000   598.400   446.000   601.300   453.000   598.400   453.000
GR   599.500   470.000   606.300   490.000   606.300   511.000   605.700   520.000   610.000   600.000
GR   612.000   [illegible]   613.000   [illegible].000     0.000     0.000     0.000     0.000     0.000

NC     0.070     0.070     0.035     0.300     0.500     0.000     0.000     0.000     0.000     0.000
ET     0.000     0.000     4.110   295.000   581.000     0.000     0.000     0.000     0.000     0.000
X1    51.000     0.000     0.000     0.000     2.000     2.000     2.000     0.000     0.000     0.000
BT   [illegible]   [illegible]   [illegible]   606.000   400.000   607.000   607.000   422.000   608.400   601.300
BT   428.000   608.500   606.100   436.000   608.500   601.300   439.000   609.500   601.300   446.000
BT   608.600   606.400   453.000   608.600   601.300   490.000   608.900   608.900   800.000   613.000
BT   613.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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ET	0.000	0.000	4.110	349.000	546.000	0.000	0.000	0.000	0.000	0.000
X1	226.000	0.000	0.000	0.000	169.000	169.000	169.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	606.400	608.200	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	350.000	545.000	0.000	0.000	0.000	0.000	0.000
X1	222.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	340.000	515.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PENNSYLVANIA RD.									
X1	271.000	15.000	400.000	480.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	608.700	0.000	608.900	100.000	608.200	200.000	608.000	300.000	608.000	350.000
GR	606.800	400.000	599.600	430.000	597.500	446.000	599.700	463.000	607.600	480.000
GR	608.400	530.000	610.000	600.000	611.600	700.000	613.000	800.000	614.000	900.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF TELEGRAPH RD.									
X1	1071.000	16.000	500.000	530.000	800.000	800.000	800.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	490.000	0.000	540.000	0.000	0.000	0.000	0.000
GR	616.300	0.000	616.000	100.000	613.500	200.000	608.000	300.000	606.200	400.000
GR	606.200	450.000	606.000	485.000	603.100	500.000	600.000	502.000	598.200	513.000
GR	600.000	525.000	605.100	530.000	607.300	580.000	610.000	750.000	612.000	850.000
GR	614.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	401.000	424.000	0.000	0.000	0.000	0.000	0.000
X1	1120.000	16.000	400.000	424.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	615.500	0.000	614.200	100.000	612.400	200.000	611.000	300.000	610.200	350.000
GR	609.800	400.000	600.600	400.000	599.900	403.000	599.400	412.000	599.900	420.000
GR	601.300	424.000	609.600	424.000	609.400	474.000	611.500	600.000	613.200	700.000
GR	615.200	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.140	2.630	0.000	24.000	0.000	145.000	0.000	599.900	599.900
ET	0.000	0.000	4.110	395.000	565.000	0.000	0.000	0.000	0.000	0.000
X1	1182.000	0.000	1.000	0.000	62.000	62.000	62.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.900	609.600	0.000	0.000	0.000	0.000	0.000
BT	4.000	0.000	615.500	0.000	400.000	609.800	605.900	424.000	609.600	605.900
BT	800.000	615.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.110	6.180	370.000	660.000	410.000	620.000	0.000	0.000	0.000
	UPSTREAM OF TELEGRAPH RD.									
X1	1231.000	16.000	500.000	530.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	616.300	0.000	616.000	100.000	613.500	200.000	608.000	300.000	606.200	400.000
GR	606.200	450.000	606.000	485.000	603.100	500.000	600.000	502.000	598.200	513.000
GR	600.000	525.000	605.100	530.000	607.300	580.000	610.000	750.000	612.000	850.000
GR	614.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2131.000	16.000	500.000	534.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	616.000	0.000	610.000	100.000	609.300	200.000	608.500	300.000	606.800	400.000
GR	605.500	430.000	605.000	500.000	600.100	510.000	598.600	518.000	600.200	526.000
GR	615.300	534.000	606.300	584.000	607.000	620.000	609.200	720.000	613.000	820.000
GR	613.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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DOWNSTREAM OF FARM BRIDGE

X1	3331.000	16.000	500.000	535.000	1200.000	1200.000	1200.000	0.000	0.000	0.000
GR	613.300	0.000	612.600	100.000	611.800	200.000	610.400	300.000	608.800	400.000
GR	606.000	450.000	606.400	500.000	604.400	507.000	600.900	509.000	599.600	517.000
GR	600.800	525.000	605.900	535.000	605.100	585.000	608.000	700.000	608.900	800.000
GR	610.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	3380.000	16.000	400.000	442.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.600	0.000	611.800	100.000	610.400	200.000	609.000	300.000	608.000	350.000
GR	608.800	400.000	605.700	405.000	602.300	412.000	599.100	423.000	601.200	434.000
GR	605.800	439.000	608.800	442.000	606.500	492.000	608.200	600.000	608.600	700.000
GR	609.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	230.000	750.000	0.000	0.000	0.000	0.000	0.000
X1	3382.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	400.000	609.200	608.800	405.000	609.000	605.800	439.000	608.800	605.900
BT	442.000	608.800	608.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	230.000	750.000	0.000	0.000	0.000	0.000	0.000
X1	3390.000	0.000	0.000	0.000	8.000	8.000	8.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	605.900	608.500	0.300	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	3392.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000

UPSTREAM OF FARM BRIDGE

X1	3441.000	16.000	500.000	535.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.300	0.000	612.600	100.000	611.800	200.000	610.400	300.000	608.800	400.000
GR	606.000	450.000	606.400	500.000	604.400	507.000	600.900	509.000	599.600	517.000
GR	600.800	525.000	605.900	535.000	605.100	585.000	608.000	700.000	608.900	800.000
GR	610.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF DIRT RD.

X1	3641.000	18.000	500.000	530.000	200.000	200.000	200.000	0.000	0.000	0.000
GR	614.000	0.000	615.600	100.000	617.000	200.000	608.500	300.000	606.800	400.000
GR	604.600	450.000	606.700	500.000	600.900	507.000	600.200	514.000	600.800	520.000
GR	602.400	520.000	606.100	530.000	604.500	538.000	605.200	580.000	605.500	630.000
GR	610.500	700.000	610.000	800.000	610.000	900.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	200.000	700.000	0.000	0.000	0.000	0.000	0.000
X1	3690.000	17.000	400.000	424.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	615.500	0.000	614.000	100.000	610.500	200.000	607.900	300.000	607.000	350.000
GR	608.200	400.000	605.500	402.000	602.100	402.000	602.900	406.000	600.400	411.000
GR	600.700	421.000	605.700	421.000	608.100	424.000	607.500	474.000	607.900	500.000
GR	610.000	600.000	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	200.000	700.000	0.000	0.000	0.000	0.000	0.000
X1	3692.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	11.000	0.000	615.500	0.000	100.000	614.000	0.000	200.000	610.500	0.000
BT	300.000	607.900	0.000	350.000	607.000	0.000	400.000	608.200	0.000	402.000
BT	607.800	605.500	421.000	607.800	605.700	424.000	608.100	0.000	474.000	607.900
BT	0.000	600.000	610.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	200.000	700.000	0.000	0.000	0.000	0.000	0.000
X1	3703.000	0.000	0.000	0.000	11.000	11.000	11.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	605.700	607.800	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	200.000	700.000	0.000	0.000	0.000	0.000	0.000
X1	3705.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	280.000	750.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF DIRT RD.									
X1	3754.000	18.000	500.000	530.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.000	0.000	615.600	100.000	617.000	200.000	608.500	300.000	606.800	400.000
GR	604.600	450.000	606.700	500.000	600.900	507.000	600.200	514.000	600.800	520.000
GR	602.400	520.000	606.100	530.000	604.600	538.000	605.200	580.000	605.500	630.000
GR	610.500	700.000	610.000	800.000	610.000	900.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	310.000	736.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF PRIVATE BRIDGE									
X1	3854.000	15.000	500.000	546.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	616.000	0.000	618.200	100.000	614.100	200.000	611.000	300.000	608.500	400.000
GR	608.200	450.000	608.000	500.000	606.800	507.000	601.300	518.000	599.900	525.000
GR	601.300	532.000	606.500	546.000	618.100	606.000	608.000	700.000	610.000	800.000
ET	0.000	0.000	4.100	200.000	700.000	0.000	0.000	0.000	0.000	0.000
X1	3903.000	16.000	400.000	421.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.000	0.000	613.500	100.000	610.000	200.000	609.000	300.000	608.500	350.000
GR	608.700	400.000	606.300	40[illegible]	6[illegible]	402.000	60[illegible]	410.000	601.500	415.000
GR	601.900	418.000	606.300	421.000	608.700	421.000	608.900	471.000	609.000	600.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	200.000	700.000	0.000	0.000	0.000	0.000	0.000
X1	3905.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	9.000	0.000	618.000	0.000	200.000	610.000	0.000	350.000	608.500	0.000
BT	400.000	606.700	606.600	421.000	603.300	606.300	421.000	608.700	606.300	471.000
BT	608.900	0.000	600.000	619.000	0.000	700.000	610.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	176.810	700.000	0.000	0.000	0.000	0.000	0.000
X1	3915.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	606.800	608.300	0.000	1.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	176.000	700.000	0.000	0.000	0.000	0.000	0.000
X1	3917.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	275.000	775.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PRIVATE BRIDGE									
X1	3966.000	15.000	500.000	546.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	616.000	0.000	618.200	100.000	614.100	200.000	611.000	300.000	608.500	400.000
GR	608.200	450.000	608.000	500.000	606.800	507.000	601.300	518.000	599.900	525.000
GR	601.300	532.000	606.500	546.000	608.000	606.000	608.000	700.000	610.000	800.000
ET	0.000	0.000	4.100	80.000	615.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF PENNSYLVANIA RD.									
X1	4466.000	16.000	500.000	542.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	609.800	0.000	608.900	100.000	608.700	200.000	608.000	300.000	607.800	400.000
GR	607.700	450.000	607.400	500.000	603.100	513.000	601.100	514.000	600.900	519.000
GR	601.600	524.000	603.200	525.000	608.000	542.000	608.400	582.000	608.800	600.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	100.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	4515.000	15.000	400.000	444.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	608.700	0.000	608.500	100.000	608.500	300.000	608.500	350.000	608.300	400.000
GR	607.300	412.000	602.600	412.000	601.900	416.000	601.400	422.000	601.300	432.000
GR	607.400	432.000	608.700	444.000	608.900	494.000	609.500	600.000	610.000	800.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	100.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	4517.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	6.000	0.000	606.700	0.000	400.000	609.600	0.000	412.000	609.600	607.300
BT	432.000	609.700	607.400	444.000	609.700	0.000	800.000	610.000	0.000	0.000
ET	0.000	0.000	4.110	100.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	4568.000	0.000	0.000	0.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	607.400	609.600	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	100.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	4570.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PENNSYLVANIA RD.									
X1	4619.000	16.000	500.000	542.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	609.800	0.000	608.900	100.000	608.700	200.000	608.000	300.000	607.800	400.000
GR	607.700	450.000	607.400	500.000	603.100	513.000	601.100	514.000	600.900	519.000
GR	601.600	524.000	603.200	525.000	608.000	542.000	608.400	582.000	608.800	600.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	340.000	735.000	0.000	0.000	0.000	0.000	0.000
X1	5019.000	18.000	500.000	522.000	400.000	400.000	400.000	0.000	0.000	0.000
GR	613.600	0.000	611.800	100.000	611.400	200.000	610.700	300.000	610.400	400.000
GR	608.300	427.000	608.700	439.000	608.000	450.000	606.800	489.000	604.500	500.000
GR	602.500	502.000	602.300	510.000	602.500	518.000	605.000	522.000	608.900	535.000
GR	609.900	547.000	610.000	700.000	611.000	800.000	0.000	0.000	0.000	0.000

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ET	0.000	0.000	4.100	280.000	675.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF PENNSYLVANIA RD.									
X1	5519.000	16.000	500.000	545.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	614.700	0.000	614.700	100.000	614.400	200.000	611.200	300.000	609.000	400.000
GR	608.500	450.000	606.900	500.000	604.500	510.000	602.700	511.000	602.200	517.000
GR	603.400	523.000	604.700	524.000	611.800	545.000	611.300	565.000	611.000	600.000
GR	611.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	230.000	700.000	0.000	0.000	0.000	0.000	0.000
X1	5566.000	11.000	400.000	420.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	611.000	200.000	610.800	350.000	611.100	400.000	601.200	400.000
GR	601.400	410.000	601.700	420.000	611.200	420.000	611.400	470.000	611.500	500.000
GR	613.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	220.890	700.000	0.000	0.000	0.000	0.000	0.000
X1	5570.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	350.000	610.300	610.800	400.000	611.100	608.900	420.000	611.200	608.900
BT	470.000	611.400	611.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	200.000	660.000	0.000	0.000	0.000	0.000	0.000
X1	5628.000	0.000	0.000	0.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	608.900	611.100	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	190.000	650.000	0.000	0.000	0.000	0.000	0.000
X1	5630.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	267.000	698.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PENNSYLVANIA RD.									
X1	5679.000	16.000	500.000	545.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.700	0.000	614.700	100.000	614.400	200.000	611.200	300.000	609.000	400.000
GR	608.500	450.000	606.900	500.000	604.500	510.000	602.700	511.000	602.200	517.000
GR	603.400	523.000	604.700	524.000	611.800	545.000	611.800	565.000	611.000	600.000
GR	611.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	365.000	470.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF BEECH DALY RD.									
X1	6579.000	17.000	400.000	431.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	614.500	0.000	614.100	100.000	613.000	200.000	610.100	300.000	608.800	350.000
GR	609.900	400.000	604.800	411.000	604.300	411.000	602.700	416.000	603.000	421.000
GR	604.400	422.000	609.100	431.000	609.600	481.000	608.500	500.000	609.800	600.000
GR	611.000	700.000	611.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	6628.000	20.000	300.000	363.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.000	0.000	614.000	100.000	613.500	200.000	612.400	250.000	613.400	300.000
GR	609.000	316.000	607.600	316.000	607.200	319.000	607.000	319.000	603.600	323.000
GR	602.400	324.000	602.600	332.000	602.500	337.000	604.000	343.000	607.100	345.000
GR	608.800	349.000	608.600	352.000	613.100	365.000	612.700	415.000	613.000	500.000

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NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	250.000	362.000	0.000	0.000	0.000	0.000	0.000
X1	6630.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	300.000	613.400	613.400	319.000	613.200	610.000	345.000	613.200	610.000
BT	365.000	613.200	613.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.110	235.000	435.000	235.000	435.000	0.000	0.000	0.000
X1	6702.000	0.000	0.000	0.000	72.000	72.000	72.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	610.000	613.200	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	235.000	435.000	265.000	450.000	0.000	0.000	0.000
X1	6704.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF BEECH DALY RD.									
X1	6753.000	17.000	400.000	431.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	270.000	0.000	565.000	0.000	0.000	0.000	0.000
GR	614.500	0.000	614.100	100.000	613.000	200.000	610.100	300.000	608.800	350.000
GR	609.900	400.000	604.800	410.000	604.300	411.000	602.700	416.000	603.000	421.000
GR	604.400	422.000	609.100	431.000	608.600	481.000	608.500	500.000	609.800	600.000
GR	611.000	700.000	611.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	40.000	930.000	0.000	0.000	0.000	0.000	0.000
X1	7753.000	17.000	500.000	537.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	612.900	0.000	612.600	100.000	612.400	200.000	612.000	300.000	611.400	400.000
GR	610.900	450.000	609.600	500.000	603.600	509.000	602.700	515.000	603.200	520.000
GR	606.100	527.000	610.400	537.000	609.100	587.000	611.100	700.000	612.200	800.000
GR	613.400	900.000	614.400	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	360.000	897.000	0.000	0.000	0.000	0.000	0.000
X1	8453.000	15.000	500.000	532.000	700.000	700.000	700.000	0.000	0.000	0.000
GR	615.400	0.000	615.500	100.000	615.600	200.000	615.000	300.000	613.500	400.000
GR	610.800	450.000	610.900	500.000	604.000	513.000	603.700	518.000	605.200	521.000
GR	610.000	532.000	610.400	582.000	612.200	700.000	612.700	800.000	613.800	900.000
ET	0.000	0.000	4.100	337.000	845.000	0.000	0.000	0.000	0.000	0.000
X1	8953.000	14.000	500.000	534.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	615.700	0.000	615.700	200.000	615.000	300.000	613.000	400.000	611.500	450.000
GR	612.500	500.000	606.300	511.000	605.300	515.000	606.200	522.000	612.200	534.000
GR	611.000	594.000	612.000	700.000	612.800	800.000	616.000	900.000	0.000	0.000
	DOWNSTREAM OF FARM BRIDGE									
X1	10300.000	14.000	400.000	436.000	1347.000	1347.000	1347.000	0.000	0.000	0.000
GR	615.800	0.000	612.000	100.000	611.500	200.000	611.000	300.000	612.400	350.000
GR	613.700	400.000	607.300	412.000	606.300	418.000	607.400	425.000	613.200	436.000
GR	612.400	486.000	612.500	600.000	613.500	700.000	613.500	800.000	0.000	0.000
ET	0.000	0.000	4.100	35.000	795.000	0.000	0.000	0.000	0.000	0.000
X1	10349.000	13.000	350.000	450.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.500	0.000	612.500	100.000	611.900	200.000	611.500	300.000	612.400	350.000
GR	607.200	400.000	606.400	407.000	606.600	414.000	612.800	450.000	612.900	464.000
GR	613.200	700.000	613.700	800.000	614.000	900.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	15.000	785.000	0.000	0.000	0.000	0.000	0.000
X1	10351.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	0.000	613.500	613.500	400.000	614.500	613.400	414.000	614.500	613.200
BT	900.000	614.000	614.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	15.000	785.000	0.000	0.000	0.000	0.000	0.000
X1	10364.000	0.000	0.000	0.000	13.000	13.000	13.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	613.400	614.400	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	25.000	775.000	0.000	0.000	0.000	0.000	0.000
X1	10366.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	30.000	755.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF FARM BRIDGE									
X1	10415.000	14.000	400.000	436.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.800	0.000	612.000	100.000	611.500	200.000	611.000	300.000	612.400	350.000
GR	613.700	400.000	607.300	412.000	606.300	418.000	607.400	425.000	613.200	436.000
GR	612.400	486.000	612.500	600.000	613.500	700.000	613.500	800.000	0.000	0.000
ET	0.000	0.000	4.100	15.000	555.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF WALK BRIDGE									
X1	10765.000	15.000	400.000	434.000	350.000	350.000	350.000	0.000	0.000	0.000
GR	613.200	0.000	613.500	100.000	612.500	200.000	611.600	300.000	611.600	350.000
GR	612.900	400.000	608.700	404.000	607.200	411.000	608.700	418.000	609.100	426.000
GR	613.100	434.000	612.800	434.000	614.200	600.000	615.500	700.000	616.500	800.000
ET	0.000	0.000	4.100	10.000	560.000	0.000	0.000	0.000	0.000	0.000
X1	10814.000	16.000	400.000	434.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.500	0.000	613.500	100.000	613.000	200.000	612.500	300.000	612.400	350.000
GR	613.700	400.000	612.800	407.000	609.400	407.000	608.700	414.000	607.100	420.000
GR	608.800	428.000	612.300	434.000	613.500	434.000	614.100	484.000	615.000	600.000
GR	616.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	10.000	575.000	0.000	0.000	0.000	0.000	0.000
X1	10816.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	10.000	0.000	613.500	0.000	100.000	613.500	0.000	200.000	613.000	0.000
BT	300.000	612.500	0.000	350.000	612.400	0.000	400.000	613.700	0.000	407.000
BT	613.500	612.800	434.000	613.500	612.300	484.000	614.100	0.000	600.000	615.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	1.000	588.360	0.000	0.000	0.000	0.000	0.000
X1	10824.000	0.000	0.000	0.000	8.000	8.000	8.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	612.800	613.100	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	1.000	589.000	0.000	0.000	0.000	0.000	0.000

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X1	10826.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	170.000	600.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF WALK BRIDGE									
X1	10875.000	15.000	400.000	434.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.200	0.000	613.500	100.000	612.500	200.000	611.900	300.000	611.600	350.000
GR	612.900	400.000	608.700	404.000	607.200	411.000	608.700	418.000	609.100	426.000
GR	613.100	434.000	612.800	484.000	614.200	600.000	615.500	700.000	616.500	800.000
ET	0.000	0.000	4.100	150.000	430.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF PENNSYLVANIA RD.									
X1	11175.000	15.000	400.000	434.000	300.000	300.000	300.000	0.000	0.000	0.000
GR	613.200	0.000	613.500	100.000	612.500	200.000	611.600	300.000	611.600	350.000
GR	612.900	400.000	608.700	404.000	607.200	411.000	608.700	418.000	609.100	426.000
GR	613.100	434.000	612.800	484.000	614.200	600.000	615.500	700.000	616.500	800.000
ET	0.000	0.000	4.100	228.000	469.000	0.000	0.000	0.000	0.000	0.000
X1	11224.000	13.000	400.000	470.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	616.000	0.000	615.500	200.000	613.100	350.000	613.700	400.000	611.900	403.000
GR	608.700	407.000	606.800	430.000	606.800	433.000	607.000	440.000	607.200	446.000
GR	608.100	467.000	616.000	470.000	616.000	600.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	228.140	470.000	0.000	0.000	0.000	0.000	0.000
X1	11226.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	6.000	400.000	616.900	616.900	430.000	616.900	613.500	433.000	616.900	615.000
BT	440.000	616.900	615.500	446.000	616.900	615.000	470.000	616.900	616.900	0.000
ET	0.000	0.000	4.110	226.420	469.650	0.000	0.000	0.000	0.000	0.000
X1	11299.000	0.000	0.000	0.000	73.000	73.000	73.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	615.500	616.900	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	225.000	469.000	0.000	0.000	0.000	0.000	0.000
X1	11301.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	120.000	465.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PENNSYLVANIA RD.									
X1	11350.000	15.000	400.000	434.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.200	0.000	613.500	100.000	612.500	200.000	611.600	300.000	611.600	350.000
GR	612.900	400.000	608.700	404.000	607.200	411.000	608.700	418.000	609.100	426.000
GR	613.100	434.000	612.800	484.000	614.200	600.000	615.500	700.000	616.500	800.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*PROF 1									
CCHV= 0.100 CEHV= 0.300									
*SECNO 0.000									
DOWNSTREAM OF PENNSYLVANIA RD.									
0.00	10.60	603.10	0.00	608.10	608.20	0.10	0.00	0.00	606.80
1360.	1[illegible].	1348.	1.	42.	537.	8.	0.	0.	607.60
0.00	0.25	2.51	0.14	0.070	0.035	0.070	0.000	597.50	250.00
0.000290	0.	0.	0.	0	0	0	0.00	261.25	511.25
*SECNO 49.000									
3280 CROSS SECTION 49.00 EXTENDED 0.16 FEET									
49.00	10.06	608.16	0.00	0.00	608.21	0.05	0.01	0.00	607.00
1360.	39.	1279.	42.	211.	674.	115.	1.	0.	606.30
0.01	0.18	1.90	0.37	0.070	0.035	0.070	0.000	598.10	0.00
0.000161	49.	49.	49.	2	0	0	0.00	565.75	565.75
CCHV= 0.300 CEHV= 0.500									
*SECNO 51.000									
3280 CROSS SECTION 51.00 EXTENDED 0.12 FEET									
3370 NORMAL BRIDGE/NRD= 10 MIN ELTRD= 607.00 MAX ELLC= 613.00									
51.00	10.02	608.12	0.00	0.00	608.25	0.13	0.00	0.04	607.00
1360.	120.	1068.	172.	197.	338.	112.	1.	0.	606.30
0.01	0.61	3.16	1.54	0.070	0.035	0.070	0.000	598.10	0.00
0.002391	2.	2.	2.	2	0	0	-333.04	565.08	565.08
*SECNO 220.000									
3280 CROSS SECTION 220.00 EXTENDED 0.60 FEET									
3370 NORMAL BRIDGE/NRD= 10 MIN ELTRD= 608.20 MAX ELLC= 606.40									
220.00	10.50	608.60	0.00	0.00	608.67	0.07	0.40	0.02	607.00
1360.	282.	863.	216.	386.	351.	150.	4.	3.	606.30
0.03	0.73	2.45	1.44	0.070	0.035	0.070	0.000	598.10	0.00
0.001939	169.	169.	169.	2	0	0	-362.27	573.87	573.87

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 222.000									
3280 CROSS SECTION 222.00 EXTENDED 0.63 FEET									
222.00	10.53	608.63	0.00	0.00	608.67	0.04	0.00	0.00	607.00
1360.	94.	1212.	54.	401.	717.	153.	4.	3.	606.30
0.03	0.23	1.69	0.35	0.070	0.035	0.070	0.000	598.10	0.00
0.000118	2.	2.	2.	2	0	0	0.00	574.57	574.57
*SECNO 271.000									
UPSTREAM OF PENNSYLVANIA RD.									
271.00	11.11	608.61	0.00	0.00	608.69	0.08	0.01	0.01	606.80
1360.	40.	1313.	7.	155.	578.	32.	5.	3.	607.60
0.04	0.26	2.27	0.22	0.070	0.035	0.070	0.000	597.50	140.76
0.000215	49.	49.	49.	2	0	0	0.00	398.63	539.39
CCHV= 0.300 CEHV= 0.500									
*SECNO 1071.000									
3470 ENCROACHMENT STATIONS= 490.0 540.0 TYPE= 1 TARGET= 50.000									
DOWNSTREAM OF TELEGRAPH RD.									
1071.00	10.59	608.79	0.00	0.00	609.11	0.32	0.30	0.12	603.10
1360.	63.	1258.	39.	47.	269.	35.	15.	7.	605.10
0.09	1.33	4.68	1.12	0.070	0.035	0.070	0.000	598.20	490.00
0.000777	300.	500.	800.	2	0	0	0.00	50.00	540.00
*SECNO 1120.000									
1120.00	9.29	608.69	0.00	0.00	609.33	0.64	0.06	0.16	609.80
1360.	0.	1360.	0.	0.	211.	0.	16.	7.	609.60
0.09	0.00	6.43	0.00	0.070	0.035	0.070	0.000	599.40	400.00
0.002481	49.	49.	49.	2	0	0	0.00	24.00	424.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.14	2.63	0.00	24.00	0.00	145.00	0.00	599.90	599.90

*SECNO 1182.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.61	609.77	0.00	213.	1141.	145.	144.	605.90	609.60
1182.00	10.94	610.34	0.00	0.00	610.75	0.41	1.41	0.00	609.80
1360.	7.	1311.	42.	18.	251.	68.	16.	8.	609.60
0.09	0.38	5.23	0.62	0.070	0.035	0.070	0.000	599.40	341.37
0.001391	62.	62.	62.	2	0	3	0.00	188.92	530.29

*SECNO 1231.000

3470 ENCROACHMENT STATIONS= 370.0 660.0 TYPE= 1 TARGET= 290.000
UPSTREAM OF TELEGRAPH RD.

1231.00	12.63	610.83	0.00	0.00	610.87	0.04	0.01	0.11	603.10
1360.	407.	696.	257.	623.	330.	464.	17.	8.	605.10
0.10	0.65	2.11	0.55	0.070	0.035	0.070	0.000	598.20	370.00
0.000120	49.	49.	49.	2	0	0	0.00	290.00	660.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2131.000
3280 CROSS SECTION 2131.00 EXTENDED 0.94 FEET

2131.00	12.34	610.94	0.00	0.00	610.96	0.02	0.08	0.00	605.00
1360.	518.	522.	320.	1280.	334.	735.	56.	19.	605.30
0.40	0.40	1.56	0.43	0.070	0.035	0.070	0.000	598.60	0.00
0.000072	900.	900.	900.	2	0	0	0.00	765.80	765.80

*SECNO 3331.000
3280 CROSS SECTION 3331.00 EXTENDED 1.05 FEET

DOWNSTREAM OF FARM BRIDGE

3331.00	11.44	611.04	0.00	0.00	611.05	0.02	0.10	0.00	606.40
1360.	266.	491.	603.	584.	306.	1213.	117.	38.	605.90
0.77	0.46	1.60	0.50	0.070	0.035	0.070	0.000	599.60	253.88
0.000091	1200.	1200.	1200.	1	0	0	0.00	646.12	900.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3380.000									
3280 CROSS SECTION	3380.00 EXTENDED		2.04 FEET						
3380.00	11.93	611.03	0.00	0.00	611.06	0.03	0.01	0.00	608.80
1360.	162.	654.	544.	408.	351.	1056.	119.	39.	608.80
0.78	0.40	1.87	0.52	0.070	0.035	0.070	0.000	599.10	154.26
0.000134	49.	49.	49.	0	0	0	0.00	645.74	800.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3382.000									
3280 CROSS SECTION	3382.00 EXTENDED		2.06 FEET						
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 608.80 MAX ELLC= 608.80									
3382.00	11.96	611.06	0.00	0.00	611.07	0.01	0.00	0.01	608.80
1360.	253.	259.	348.	412.	234.	1062.	120.	39.	608.80
0.78	0.61	1.10	0.80	0.070	0.035	0.070	0.000	599.10	153.11
0.000319	2.	2.	2.	2	2	0	-117.05	646.89	800.00
*SECNO 3390.000									
3280 CROSS SECTION	3390.00 EXTENDED		2.06 FEET						
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 608.50 MAX ELLC= 605.90									
3390.00	11.96	611.06	0.00	0.00	611.07	0.01	0.00	0.00	608.80
1360.	253.	259.	848.	412.	234.	1063.	120.	39.	608.80
0.79	0.61	1.10	0.80	0.070	0.035	0.070	0.000	599.10	152.98
0.000319	8.	8.	8.	8	8	0	-117.05	647.02	800.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3392.000									
3280 CROSS SECTION	3392.00 EXTENDED		2.05 FEET						
3392.00	11.95	611.05	0.00	0.00	611.08	0.03	0.00	0.01	608.80
1360.	163.	652.	545.	411.	351.	1061.	120.	39.	608.80
0.79	0.40	1.86	0.51	0.070	0.035	0.070	0.000	599.10	153.31
0.000132	2.	2.	2.	1	0	0	0.00	646.69	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3441.000
3280 CROSS SECTION 3441.00 EXTENDED 1.06 FEET

UPSTREAM OF FARM BRIDGE

3441.00	11.47	611.07	0.00	0.00	611.08	0.02	0.01	0.00	606.40
1360.	267.	490.	603.	587.	307.	1218.	122.	40.	605.90
0.80	0.45	1.60	0.50	0.070	0.035	0.070	0.000	599.60	252.95
0.000090	49.	49.	49.	0	0	0	0.00	647.05	900.00

*SECNO 3641.000
3280 CROSS SECTION 3641.00 EXTENDED 1.09 FEET

DOWNSTREAM OF DIRT RD.

3641.00	10.89	611.09	0.00	0.00	611.10	0.01	0.02	0.00	606.70
1360.	482.	376.	499.	924.	257.	1001.	132.	43.	606.10
0.87	0.52	1.47	0.50	0.070	0.035	0.070	0.000	600.20	269.56
0.000083	200.	200.	200.	0	0	0	0.00	630.44	900.00

*SECNO 3690.000
3280 CROSS SECTION 3690.00 EXTENDED 1.07 FEET

3690.00	10.67	611.07	0.00	0.00	611.12	0.05	0.01	0.01	608.20
1360.	420.	554.	385.	546.	217.	570.	134.	43.	608.10
0.88	0.77	2.56	0.68	0.070	0.035	0.070	0.000	600.40	183.71
0.000318	49.	49.	49.	2	0	0	0.00	516.30	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3692.000
3280 CROSS SECTION 3692.00 EXTENDED 1.10 FEET

3370 NORMAL BRIDGE/NRD= 11 MIN ELTRD= 607.00 MAX ELLC= 605.70

3692.00	10.70	611.10	0.00	0.00	611.12	0.02	0.00	0.01	608.20
1360.	580.	314.	466.	553.	170.	536.	134.	43.	608.10
0.88	1.15	1.84	0.87	0.070	0.035	0.070	0.000	600.40	182.93
0.000585	2.	2.	2.	2	0	0	-89.75	517.17	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3703.000									
3280 CROSS SECTION	3703.00 EXTENDED		1.11 FEET						
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.80 MAX ELLC= 605.70									
3703.00	10.71	611.11	0.00	0.00	611.13	0.02	0.01	0.00	608.20
1360.	580.	313.	466.	554.	170.	538.	134.	44.	608.10
0.89	1.05	1.84	0.87	0.070	0.035	0.070	0.000	600.40	182.69
0.000582	11.	11.	11.	0	0	0	-89.75	517.31	700.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3705.000									
3280 CROSS SECTION	3705.00 EXTENDED		1.10 FEET						
3705.00	10.69	611.09	0.00	0.00	611.14	0.04	0.00	0.01	608.20
1360.	422.	550.	388.	553.	217.	579.	134.	44.	608.10
0.89	0.76	2.53	0.67	0.070	0.035	0.070	0.000	600.40	132.83
0.000309	2.	2.	2.	1	0	0	0.00	517.17	700.00
*SECNO 3754.000									
3280 CROSS SECTION	3754.00 EXTENDED		1.14 FEET						
UPSTREAM OF DIRT RD.									
3754.00	10.94	611.14	0.00	0.00	611.15	0.01	0.01	0.00	606.70
1360.	433.	376.	502.	936.	258.	1019.	136.	44.	606.10
0.90	0.52	1.45	0.49	0.070	0.035	0.070	0.000	600.20	268.98
0.000080	49.	49.	49.	2	0	0	0.00	631.02	900.00
*SECNO 3854.000									
3280 CROSS SECTION	3854.00 EXTENDED		1.13 FEET						
DOWNSTREAM OF PRIVATE BRIDGE									
3854.00	11.23	611.13	0.00	0.00	611.17	0.04	0.01	0.01	608.00
1360.	209.	725.	426.	429.	353.	740.	141.	46.	606.50
0.92	0.49	2.05	0.58	0.070	0.035	0.070	0.000	599.90	295.81
0.000167	100.	100.	100.	2	0	0	0.00	504.19	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3903.000									
3280 CROSS SECTION	3903.00 EXTENDED		1.12 FEET						
3903.00	10.52	611.12	0.00	0.00	611.19	0.08	0.01	0.01	608.70
1360.	319.	620.	420.	423.	196.	557.	142.	46.	608.70
0.93	0.75	3.17	0.75	0.070	0.035	0.070	0.000	600.60	168.12
0.000493	49.	49.	49.	2	0	0	0.00	531.88	700.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3905.000									
3280 CROSS SECTION	3905.00 EXTENDED		1.18 FEET						
3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80									
3905.00	10.58	611.18	0.00	0.00	611.21	0.03	0.00	0.01	608.70
1360.	444.	331.	585.	435.	156.	574.	142.	46.	608.70
0.93	1.02	2.13	1.02	0.070	0.035	0.070	0.000	600.60	166.34
0.000865	2.	2.	2.	2	0	0	-43.43	533.66	700.00
*SECNO 3915.000									
3280 CROSS SECTION	3915.00 EXTENDED		1.10 FEET						
3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80									
3915.00	10.59	611.19	0.00	0.00	611.22	0.03	0.01	0.00	608.70
1360.	444.	330.	586.	437.	156.	576.	143.	46.	608.70
0.93	1.02	2.12	1.02	0.070	0.035	0.070	0.000	600.60	166.15
0.000857	10.	10.	10.	0	0	0	-43.46	533.85	700.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3917.000									
3280 CROSS SECTION	3917.00 EXTENDED		1.16 FEET						
3917.00	10.56	611.16	0.00	0.00	611.23	0.07	0.00	0.01	608.70
1360.	323.	611.	425.	433.	196.	568.	143.	46.	608.70
0.94	0.75	3.11	0.75	0.070	0.035	0.070	0.000	600.60	166.92
0.000472	2.	2.	2.	2	0	0	0.00	533.08	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3966.000
3280 CROSS SECTION 3966.00 EXTENDED 1.21 FEET

UPSTREAM OF PRIVATE BRIDGE

3966.00	11.31	611.21	0.00	0.00	611.25	0.03	0.01	0.00	608.00
1360.	215.	714.	431.	445.	356.	761.	144.	47.	606.50
0.95	0.48	2.00	0.57	0.070	0.035	0.070	0.000	599.90	293.19
0.000156	49.	49.	49.	2	0	0	0.00	506.82	800.00

*SECNO 4466.000
3280 CROSS SECTION 4466.00 EXTENDED 1.50 FEET

DOWNSTREAM OF PENNSYLVANIA RD.

4466.00	10.40	611.30	0.00	0.00	611.32	0.02	0.07	0.00	607.40
1360.	716.	490.	154.	1445.	295.	363.	165.	54.	608.00
1.10	0.50	1.66	0.43	0.070	0.035	0.070	0.000	600.90	0.00
0.000126	500.	500.	500.	2	0	0	0.00	700.00	700.00

*SECNO 4515.000
3280 CROSS SECTION 4515.00 EXTENDED 2.61 FEET

4515.00	10.01	611.31	0.00	0.00	611.33	0.02	0.01	0.00	608.30
1360.	622.	452.	286.	1118.	275.	660.	168.	55.	608.70
1.11	0.56	1.65	0.43	0.070	0.035	0.070	0.000	601.30	0.00
0.000176	49.	49.	49.	0	0	0	0.00	800.00	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 4517.000
3280 CROSS SECTION 4517.00 EXTENDED 2.61 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 608.70 MAX ELLC= 607.40

4517.00	10.01	611.31	0.00	0.00	611.33	0.02	0.00	0.00	608.30
1360.	727.	297.	336.	863.	188.	519.	168.	55.	608.70
1.11	0.84	1.59	0.65	0.070	0.035	0.070	0.000	601.30	0.00
0.000562	2.	2.	2.	0	0	0	-483.80	800.00	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLCBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4568.000
3280 CROSS SECTION 4568.00 EXTENDED 2.63 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 609.60 MAX ELLC= 607.40

4568.00	10.04	611.34	0.00	0.00	611.35	0.02	0.03	0.00	608.30
1360.	727.	295.	338.	872.	188.	526.	169.	56.	608.70
1.13	0.83	1.57	0.64	0.070	0.035	0.070	0.000	601.30	0.00
0.000545	51.	51.	51.	0	0	0	-483.80	800.00	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4570.000
3280 CROSS SECTION 4570.00 EXTENDED 2.64 FEET

4570.00	10.04	611.34	0.00	0.00	611.36	0.02	0.00	0.00	608.30
1360.	623.	448.	289.	1131.	276.	672.	170.	56.	608.70
1.13	0.55	1.62	0.43	0.070	0.035	0.070	0.000	601.30	0.00
0.000170	2.	2.	2.	0	0	0	0.00	800.00	800.00

*SECNO 4619.000
3280 CROSS SECTION 4619.00 EXTENDED 1.55 FEET

UPSTREAM OF PENNSYLVANIA RD.

4619.00	10.45	611.35	0.00	0.00	611.36	0.02	0.01	0.00	607.40
1360.	719.	484.	156.	1470.	298.	371.	172.	57.	608.00
1.15	0.49	1.63	0.42	0.070	0.035	0.070	0.000	600.90	0.00
0.000120	49.	49.	49.	1	0	0	0.00	700.00	700.00

*SECNO 5019.000
3280 CROSS SECTION 5019.00 EXTENDED 0.36 FEET

5019.00	9.06	611.36	0.00	0.00	611.48	0.12	0.09	0.03	604.50
1360.	403.	708.	249.	441.	190.	383.	186.	62.	605.00
1.19	0.91	3.73	0.65	0.070	0.035	0.070	0.000	602.30	205.67
0.000480	400.	400.	400.	2	0	0	0.00	594.33	800.00

*SECNO 5519.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
3280 CROSS SECTION	5519.00 EXTENDED		0.65 FEET						
	DOWNSTREAM OF PENNSYLVANIA RD.								
5519.00	9.45	611.65	C.00	C.00	611.75	0.10	0.27	0.00	606.90
1360.	520.	812.	27.	500.	255.	74.	197.	68.	611.80
1.25	1.04	3.19	C.37	C.070	0.035	0.070	0.000	602.20	286.00
0.000636	500.	500.	500.	2	0	0	0.00	386.89	700.00
*SECNO 5568.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION	5568.00 EXTENDED		1.46 FEET						
5568.00	10.25	611.45	606.66	0.00	611.90	0.45	0.05	0.11	611.10
1360.	79.	1167.	114.	130.	201.	150.	198.	69.	611.20
1.26	0.61	5.82	C.74	C.070	0.035	0.070	0.000	601.20	108.63
0.002141	49.	49.	49.	4	11	0	0.00	572.67	700.00
CCHV= 0.300 CEHV= .500									
*SECNO 5570.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION	5570.00 EXTENDED		1.46 FEET						
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 610.80 MAX ELLC= 611.40									
5570.00	10.26	611.46	606.64	C.00	611.91	0.45	0.01	0.00	611.10
1360.	155.	981.	224.	129.	156.	149.	198.	69.	611.20
1.26	1.20	6.39	1.5[illegible]	[illegible]	0.035	0.070	0.000	601.20	108.93
0.008312	2.	2.	2.	0	15	0	-45.00	571.72	700.00
*SECNO 5623.000									
3280 CROSS SECTION	5628.00 EXTENDED		2.15 FEET						

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 611.10 MAX ELLC= 608.90

5628.00	10.96	612.16	0.00	0.00	612.24	0.09	0.22	0.11	611.10
1360.	381.	579.	400.	379.	170.	344.	199.	69.	611.20
1.26	1.01	3.41	1.16	0.070	0.035	0.070	0.000	601.20	0.00
0.002174	58.	58.	58.	3	0	0	-45.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300

*SECNO 5630.000

3280 CROSS SECTION 5630.00 EXTENDED 2.10 FEET

5630.00	10.90	612.10	0.00	0.00	612.27	0.17	0.00	0.03	611.10
1360.	234.	876.	250.	358.	214.	330.	199.	70.	611.20
1.26	0.65	4.10	0.76	0.070	0.035	0.070	0.000	601.20	0.00
0.000981	2.	2.	2.	2	0	0	0.00	700.00	700.00

*SECNO 5679.000

3280 CROSS SECTION 5679.00 EXTENDED 1.25 FEET

UPSTREAM OF PENNSYLVANIA RD.

5679.00	10.05	612.25	0.00	0.00	612.31	0.06	0.03	0.01	606.90
1360.	559.	731.	70.	634.	282.	163.	200.	70.	611.80
1.27	0.88	2.60	0.43	0.070	0.035	0.070	0.000	602.20	267.26
0.000356	49.	49.	49.	2	0	0	0.00	432.74	700.00

*SECNO 6579.000

3280 CROSS SECTION 6579.00 EXTENDED 1.12 FEET

3470 ENCROACHMENT STATIONS= 365.0 470.0 TYPE= 1 TARGET= 135.000

DOWNSTREAM OF BEECH DALY RD.

6579.00	9.92	612.62	0.00	0.00	612.87	0.25	0.50	0.06	609.90
1360.	146.	995.	219.	109.	217.	145.	216.	75.	609.10
1.34	1.34	4.58	1.51	0.070	0.035	0.070	0.000	602.70	365.00
0.001003	90.	90.	90.	2	0	0	0.00	105.00	470.00

*SECNO 6628.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
6628.00	10.27	612.67	0.00	0.00	612.92	0.25	0.05	0.00	613.40
1360.	1.	1359.	0.	3.	336.	0.	216.	76.	613.10
1.34	0.18	4.04	0.00	0.070	0.035	0.070	0.000	602.40	238.18
0.001073	49.	49.	49.	1	0	0	0.00	85.85	363.73
CCHV= 0.300 CEHV= 0.500									
*SECNO 6630.000									
3265 DIVIDED FLOW									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 613.40									
6630.00	10.11	612.51	0.00	0.00	613.08	0.57	0.00	0.16	613.40
1360.	0.	1360.	0.	1.	225.	0.	216.	76.	613.10
1.34	0.30	5.05	0.00	0.070	0.035	0.070	0.000	602.40	244.83
0.009109	2.	2.	2.	2	0	0	-102.76	70.93	363.31
*SECNO 6702.000									
3280 CROSS SECTION 6702.00 EXTENDED 0.51 FEET									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 613.40									
3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000									
6702.00	11.11	613.51	0.00	0.00	613.86	0.34	0.71	0.07	613.40
1360.	76.	1209.	75.	44.	244.	46.	217.	76.	613.10
1.35	1.71	4.95	1.64	0.070	0.035	0.070	0.000	602.40	235.00
0.010582	72.	72.	72.	5	0	0	-145.60	200.00	435.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 6704.000									
3280 CROSS SECTION 6704.00 EXTENDED 0.72 FEET									
3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000									

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6704.00	11.32	613.72	0.00	0.00	613.88	0.16	0.00	0.02	613.40
1360.	28.	1304.	28.	59.	404.	61.	217.	76.	613.10
1.35	0.48	3.23	0.46	C.070	0.035	0.070	C.000	602.40	235.00
0.000579	2.	2.	2.	2	0	0	0.00	200.00	435.00
*SECNO 6753.000									
3280 CROSS SECTION	6753.00 EXTENDED		2.38 FEET						
3470 ENCROACHMENT STATIONS=		270.0	565.0	TYPE=	1	TARGET=	295.000		
UPSTREAM OF BEECH DALY RD.									
6753.00	11.18	613.88	0.00	0.00	613.90	0.03	0.01	0.01	609.90
1360.	365.	498.	497.	548.	256.	675.	218.	76.	609.10
1.36	0.67	1.95	0.74	C.070	C.035	0.070	0.000	602.70	270.00
0.000145	49.	49.	49.	2	0	0	0.00	295.00	565.00
*SECNO 7753.000									
3280 CROSS SECTION	7753.00 EXTENDED		1.11 FEET						
7753.00	11.31	614.01	C.00	0.00	614.02	0.02	0.12	0.00	609.60
1360.	374.	514.	472.	1018.	310.	1029.	262.	91.	610.40
1.67	0.37	1.66	C.46	0.070	0.035	0.070	0.000	602.70	0.00
0.000101	1000.	1000.	1000.	2	0	0	0.00	960.65	960.65
*SECNO 8453.000									
3280 CROSS SECTION	8453.00 EXTENDED		0.29 FEET						
8453.00	10.39	614.09	0.00	0.00	614.15	0.06	0.11	0.01	610.90
1360.	190.	634.	535.	271.	238.	773.	291.	103.	610.00
1.79	0.70	2.67	0.69	0.070	0.035	0.070	0.000	603.70	360.49
0.000307	700.	700.	700.	0	0	0	0.00	539.51	900.00
*SECNO 8953.000									
8953.00	8.96	614.23	C.00	0.00	614.34	0.07	0.19	0.00	612.50
1360.	183.	609.	569.	256.	207.	578.	305.	109.	612.20
1.87	0.71	2.95	0.84	0.070	0.035	0.070	0.000	605.30	336.09
0.000489	500.	500.	500.	2	0	0	0.00	510.10	846.19

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10300.000
3280 CROSS SECTION 10300.00 EXTENDED 1.25 FEET

DOWNSTREAM OF FARM BRIDGE

10300.00	8.45	614.75	0.00	0.00	614.77	0.02	0.42	0.00	613.70
1360.	669.	378.	313.	1072.	203.	659.	353.	129.	613.20
2.27	0.62	1.86	0.48	0.070	0.035	0.070	0.000	606.30	0.00
0.000215	1347.	1347.	1347.	2	0	0	0.00	800.00	800.00

*SECNO 10349.000
3280 CROSS SECTION 10349.00 EXTENDED 1.27 FEET

10349.00	8.36	614.76	0.00	0.00	614.78	0.02	0.01	0.00	612.40
1360.	385.	775.	200.	881.	544.	655.	355.	130.	612.80
2.28	0.44	1.42	0.31	0.070	0.035	0.070	0.000	606.40	0.00
0.000119	49.	49.	49.	0	0	0	0.00	900.00	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10351.000
3280 CROSS SECTION 10351.00 EXTENDED 1.26 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.50 MAX ELLC= 614.00

10351.00	8.35	614.75	0.00	0.00	614.78	0.04	0.00	0.01	612.40
1360.	415.	821.	123.	709.	430.	380.	355.	130.	612.80
2.29	0.59	1.91	0.32	0.070	0.035	0.070	0.000	606.40	0.00
0.001256	2.	2.	2.	1	0	0	-552.70	900.00	900.00

*SECNO 10364.000
3280 CROSS SECTION 10364.00 EXTENDED 1.26 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.40 MAX ELLC= 613.40

10364.00	8.37	614.77	0.00	0.00	614.80	0.04	0.02	0.00	612.40
1360.	415.	821.	123.	709.	430.	380.	355.	130.	612.80
2.29	0.59	1.91	0.32	0.070	0.035	0.070	0.000	606.40	0.00
0.001257	13.	13.	13.	0	0	0	-552.70	900.00	900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBP	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 10366.000
3280 CROSS SECTION 10366.00 EXTENDED 1.28 FEET

10366.00	8.38	614.78	0.00	0.00	614.80	0.02	0.00	0.00	612.40
1360.	385.	773.	201.	884.	545.	659.	355.	130.	612.80
2.29	0.44	1.42	0.31	0.070	0.035	0.070	0.000	606.40	0.00
0.000117	2.	2.	2.	1	0	0	0.00	900.00	900.00

*SECNO 10415.000
3280 CROSS SECTION 10415.00 EXTENDED 1.29 FEET

UPSTREAM OF FARM BRIDGE

10415.00	8.49	614.79	0.00	0.00	614.81	0.02	0.01	0.00	613.70
1360.	669.	373.	317.	1090.	204.	675.	358.	131.	613.20
2.30	0.61	1.83	0.47	0.070	0.035	0.070	0.000	606.30	0.00
0.000204	49.	49.	49.	2	0	0	0.00	800.00	800.00

*SECNO 10765.000
3280 CROSS SECTION 10765.00 EXTENDED 1.67 FEET

DOWNSTREAM OF WALK BRIDGE

10765.00	7.67	614.87	0.00	0.00	614.92	0.04	0.10	0.01	612.90
1360.	715.	492.	153.	917.	191.	273.	371.	137.	613.10
2.37	0.78	2.57	0.56	0.070	0.035	0.070	0.000	607.20	0.00
0.000412	350.	350.	350.	2	0	0	0.00	651.85	651.85

*SECNO 10814.000
3280 CROSS SECTION 10814.00 EXTENDED 1.38 FEET

10814.00	7.77	614.87	0.00	0.00	614.96	0.09	0.03	0.01	613.70
1360.	708.	603.	50.	727.	176.	93.	373.	138.	613.50
2.38	0.97	3.43	0.53	0.070	0.035	0.070	0.000	607.10	0.00
0.000911	49.	49.	49.	1	0	0	0.00	584.56	584.56

CCHV= 0.300 CEHV= 0.500
*SECNO 10816.000
3280 CROSS SECTION 10816.00 EXTENDED 1.44 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 612.40 MAX ELLC= 612.80									
10816.00	7.84	614.94	0.00	0.00	614.98	0.04	0.00	0.02	613.70
1360.	952.	336.	72.	751.	149.	103.	373.	138.	613.50
2.38	1.27	2.25	0.70	0.070	0.035	0.070	0.000	607.10	0.00
0.001484	2.	2.	2.	2	0	0	-28.10	592.29	592.29
*SECNO 10824.000									
3280 CROSS SECTION 10824.00 EXTENDED 1.45 FEET									
3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 613.10 MAX ELLC= 612.80									
10824.00	7.85	614.95	0.00	0.00	614.99	0.04	0.01	0.00	613.70
1360.	953.	335.	73.	755.	150.	104.	373.	138.	613.50
2.38	1.26	2.23	0.70	0.070	0.035	0.070	0.000	607.10	0.00
0.001462	8.	8.	8.	0	0	0	-28.10	593.51	593.51
CCHV= 0.100 CEHV= 0.300									
*SECNO 10826.000									
3280 CROSS SECTION 10826.00 EXTENDED 1.42 FEET									
10826.00	7.82	614.92	0.00	0.00	615.01	0.08	0.00	0.01	613.70
1360.	714.	594.	53.	744.	177.	100.	373.	138.	613.50
2.38	0.96	3.36	0.53	0.070	0.035	0.070	0.000	607.10	0.00
0.000361	2.	2.	2.	2	0	0	0.00	589.90	589.90
*SECNO 10875.000									
3280 CROSS SECTION 10875.00 EXTENDED 1.79 FEET									
UPSTREAM OF WALK BRIDGE									
10875.00	7.80	615.00	0.00	0.00	615.04	0.04	0.03	0.00	612.90
1360.	767.	487.	166.	940.	195.	298.	374.	139.	613.10
2.39	0.75	2.50	0.56	0.070	0.035	0.070	0.000	607.20	0.00
0.000378	49.	49.	49.	1	0	0	0.00	660.58	660.58
*SECNO 11175.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 11175.00 EXTENDED 1.91 FEET

DOWNSTREAM OF PENNSYLVANIA RD.

11175.00	7.91	615.11	0.00	0.00	615.14	0.03	0.10	0.00	612.90
1360.	729.	460.	171.	1011.	199.	326.	384.	143.	613.10
2.46	0.72	2.31	0.53	0.070	0.035	0.070	0.000	607.20	0.00
0.000314	300.	300.	300.	2	0	0	0.00	669.83	669.83

*SECNO 11224.000

11224.00	8.28	615.08	0.00	0.00	615.18	0.10	0.02	0.02	613.70
1360.	90.	1270.	0.	206.	490.	0.	386.	144.	616.00
2.46	0.44	2.59	0.00	0.070	0.035	0.070	0.000	606.80	226.39
0.000312	49.	49.	49.	2	0	0	0.00	243.26	469.65

CCHV= 0.300 CEHV= 0.500
*SECNO 11226.000

337J NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 616.90

11226.00	8.28	615.08	0.00	0.20	615.18	0.10	0.00	0.00	613.70
1360.	109.	1251.	0.	206.	476.	0.	386.	144.	616.00
2.46	0.53	2.63	0.00	0.070	0.035	0.070	0.000	606.80	226.35
0.000457	2.	2.	2.	0	0	0	-13.59	243.30	469.65

*SECNO 11299.000

337J NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 615.50

11299.00	8.31	615.11	0.00	0.00	615.21	0.10	0.03	0.00	613.70
1360.	113.	1247.	0.	211.	477.	0.	387.	144.	616.00
2.47	0.55	2.61	0.00	0.070	0.035	0.070	0.000	606.80	224.63
0.000458	73.	73.	73.	0	0	0	-14.16	245.03	469.66

CCHV= 0.100 CEHV= 0.300
*SECNO 11301.000

11301.00	8.32	615.12	0.00	0.00	615.21	0.10	0.00	0.00	613.70
1360.	93.	1267.	0.	212.	492.	0.	387.	144.	616.00
2.47	0.44	2.57	0.00	0.070	0.035	0.070	0.000	606.80	224.12
0.000306	2.	2.	2.	0	0	0	0.00	245.54	469.66

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROE	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11350.000
3280 CROSS SECTION 11350.00 EXTENDED 2.00 FEET

UPSTREAM OF PENNSYLVANIA RD.

11350.00	8.00	615.20	0.00	0.00	615.23	0.03	0.01	0.01	612.90
1360.	733.	448.	178.	1049.	202.	349.	388.	145.	613.10
2.49	0.70	2.21	0.51	0.070	0.035	0.070	0.000	607.20	0.00
0.000283	49.	49.	49.	2	0	0	0.00	677.15	677.15

PRINTED IN U.S.A.

THIS RUN EXECUTED 17 AUG 84 11:13:19

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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
*****************************************************

T1        CITY OF TAYLOR FLOOD INSURANCE STUDY
T2        BLAKELY DRAIN
T3        100-YEAR FREQUENCY FLOOD WITH ENCROACHMENT

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

       0.        3.        0.        0.  0.000000      0.00       0.0        0.   608.100     0.000

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     15.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

THIS RUN EXECUTED 15 AUG 84 10:34:02

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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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C
T1 CITY OF TAYLOR FLOOD INSURANCE STUDY
T2 BLAKELY DRAIN
T3 10-YEAR FREQUENCY FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	606.300	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	4.000	738.000	1152.000	1360.000	1870.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF PENNSYLVANIA RD.									
X1	0.000	15.000	400.000	480.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	608.700	0.000	608.900	100.000	608.200	200.000	608.000	300.000	608.000	350.000
GR	606.800	400.000	599.600	430.000	597.500	446.000	599.700	463.000	607.600	480.000
GR	608.400	530.000	610.000	600.000	611.600	700.000	613.000	800.000	614.000	900.000
X1	49.000	22.000	400.000	490.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	608.000	0.000	607.700	100.000	607.500	200.000	607.500	300.000	607.900	350.000
GR	607.000	400.000	599.800	410.000	598.100	422.000	601.300	422.000	598.200	428.000
GR	601.300	436.000	601.300	439.000	598.400	446.000	601.300	453.000	598.400	453.000
GR	599.500	470.000	606.300	490.000	606.300	511.000	605.700	520.000	610.000	600.000
GR	612.000	700.000	613.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	51.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	10.000	0.000	608.000	608.000	400.000	607.000	607.000	422.000	608.400	601.300
BT	428.000	608.500	606.100	436.000	608.500	601.300	439.000	608.500	601.300	446.000
BT	608.600	606.400	453.000	608.600	601.300	490.000	608.900	608.900	800.000	613.000
BT	613.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	220.000	0.000	0.000	0.000	169.000	169.000	169.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	606.400	608.200	0.000	1.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	222.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF PENNSYLVANIA RD.									
X1	271.000	15.000	400.000	480.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	608.700	0.000	608.900	100.000	608.200	200.000	608.000	300.000	608.000	350.000
GR	606.800	400.000	599.600	430.000	597.500	446.000	599.700	463.000	607.600	480.000
GR	608.400	530.000	610.000	600.000	611.600	700.000	613.000	800.000	614.000	900.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF TELEGRAPH RD.									
X1	1071.000	16.000	500.000	530.000	800.000	800.000	800.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	490.000	0.000	540.000	0.000	0.000	0.000	0.000
GR	616.300	0.000	616.000	100.000	613.500	200.000	608.000	300.000	606.200	400.000
GR	606.200	450.000	606.000	485.000	603.100	500.000	600.000	502.000	598.200	513.000
GR	600.000	525.000	605.100	530.000	607.300	580.000	610.000	750.000	612.000	850.000
GR	614.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1120.000	16.000	400.000	424.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	615.500	0.000	614.200	100.000	612.400	200.000	611.000	300.000	610.200	350.000
GR	609.800	400.000	600.600	400.000	599.900	403.000	599.400	412.000	599.900	420.000
GR	601.300	424.000	609.600	424.000	609.400	474.000	611.500	600.000	613.200	700.000
GR	615.200	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.140	2.630	0.000	24.000	0.000	145.000	0.000	599.900	599.900
X1	1182.000	0.000	0.000	0.000	62.000	62.000	62.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.900	609.600	0.000	0.000	0.000	0.000	0.000
BT	4.000	0.000	615.500	0.000	400.000	609.800	605.900	424.000	609.600	605.900
BT	800.000	615.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF TELEGRAPH RD.									
X1	1231.000	16.000	500.000	530.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	370.000	0.000	660.000	0.000	0.000	0.000	0.000
GR	616.300	0.000	616.000	100.000	613.500	200.000	608.000	300.000	606.200	400.000
GR	606.200	450.000	606.000	485.000	603.100	500.000	600.000	502.000	598.200	513.000
GR	600.000	525.000	605.100	530.000	607.300	580.000	610.000	750.000	612.000	850.000
GR	614.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	2131.000	16.000	500.000	534.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	610.000	0.000	610.000	100.000	609.300	200.000	608.500	300.000	606.800	400.000
GR	605.500	450.000	605.000	500.000	600.100	510.000	598.600	518.000	600.200	526.000
GR	605.300	534.000	606.300	584.000	607.000	620.000	609.200	720.000	613.000	820.000
GR	613.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF FARM BRIDGE									
X1	3331.000	16.000	500.000	535.000	1200.000	1200.000	1200.000	0.000	0.000	0.000
GR	613.300	0.000	612.600	100.000	611.800	200.000	610.400	300.000	608.800	400.000
GR	606.000	450.000	606.400	500.000	604.400	507.000	600.900	509.000	599.600	517.000
GR	600.800	525.000	605.900	535.000	605.100	585.000	608.000	700.000	608.900	800.000
GR	610.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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X1	3380.000	16.000	400.000	442.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.600	0.000	611.800	100.000	610.400	200.000	609.000	300.000	608.000	350.000
GR	608.800	400.000	605.700	405.000	602.300	412.000	599.100	423.000	601.200	434.000
GR	605.800	439.000	608.800	442.000	606.500	492.000	608.200	600.000	608.600	700.000
GR	609.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	3382.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	400.000	609.200	608.800	405.000	609.000	605.800	439.000	608.800	605.900
BT	442.000	608.800	608.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	3390.000	0.000	0.000	0.000	8.000	8.000	8.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	605.900	608.500	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	3392.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000

UPSTREAM OF FARM BRIDGE

X1	3441.000	16.000	500.000	535.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.300	0.000	612.600	100.000	611.800	200.000	610.400	300.000	608.800	400.000
GR	606.000	450.000	606.400	500.000	604.400	507.000	600.900	509.000	599.600	517.000
GR	600.800	525.000	605.900	535.000	605.100	585.000	608.000	700.000	608.900	800.000
GR	610.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF DIRT RD.

X1	3641.000	18.000	500.000	530.000	200.000	200.000	200.000	0.000	0.000	0.000
GR	614.000	0.000	615.600	100.000	617.000	200.000	608.500	300.000	606.800	400.000
GR	604.600	450.000	606.700	500.000	600.900	507.000	600.200	514.000	600.800	520.000
GR	602.400	520.000	606.100	530.000	604.600	538.000	605.200	580.000	605.500	630.000
GR	610.500	700.000	610.000	800.000	610.000	900.000	0.000	0.000	0.000	0.000
X1	3690.000	17.000	400.000	424.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	615.500	0.000	614.000	100.000	610.500	200.000	607.900	300.000	607.000	350.000
GR	608.200	400.000	605.500	402.000	602.100	402.000	600.900	406.000	600.400	411.000
GR	600.700	421.000	605.700	421.000	608.100	424.000	607.500	474.000	607.900	500.000
GR	610.000	600.000	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	3692.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	11.000	0.000	615.500	0.000	100.000	614.000	0.000	200.000	610.500	0.000
BT	300.000	607.900	0.000	350.000	607.000	0.000	400.000	608.200	0.000	402.000
BT	607.800	605.500	421.000	607.800	605.700	424.000	608.100	0.000	474.000	607.900
BT	0.000	600.000	610.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	3703.000	0.000	0.000	0.000	11.000	11.000	11.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	605.700	607.800	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	3705.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000

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	UPSTREAM OF DIRT RD.									
X1	3754.000	18.000	500.000	530.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.000	0.000	615.600	100.000	617.000	200.000	608.500	300.000	606.800	400.000
GR	604.600	450.000	606.700	500.000	600.900	507.000	600.200	514.000	600.800	520.000
GR	602.400	520.000	606.100	530.000	604.600	538.000	605.200	580.000	605.500	630.000
GR	610.500	700.000	610.000	800.000	610.000	900.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF PRIVATE BRIDGE									
X1	3854.000	15.000	500.000	546.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	616.000	0.000	618.200	100.000	614.100	200.000	611.000	300.000	608.500	400.000
GR	608.200	450.000	608.000	500.000	606.800	507.000	601.300	518.000	599.900	525.000
GR	601.300	532.000	606.500	546.000	608.000	606.000	608.000	700.000	610.000	800.000
X1	3903.000	16.000	400.000	421.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.000	0.000	613.500	100.000	610.000	200.000	609.000	300.000	608.500	350.000
GR	608.700	400.000	606.800	400.000	601.200	402.000	600.600	410.000	601.500	415.000
GR	601.900	418.000	606.300	421.000	608.700	421.000	608.900	471.000	609.000	600.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	3905.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	9.000	0.000	618.000	0.000	200.000	610.000	0.000	350.000	608.500	0.000
BT	400.000	608.700	606.800	421.000	608.300	606.300	421.000	608.700	606.300	471.000
BT	608.900	0.000	600.000	609.000	0.000	700.000	610.000	0.000	0.000	0.000
X1	3915.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	606.800	608.300	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	3917.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF PRIVATE BRIDGE									
X1	3966.000	15.000	500.000	546.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	616.000	0.000	618.200	100.000	614.100	200.000	611.000	300.000	608.500	400.000
GR	608.200	450.000	608.000	500.000	606.800	507.000	601.300	518.000	599.900	525.000
GR	601.300	532.000	606.500	546.000	608.000	606.000	608.000	700.000	610.000	800.000
	DOWNSTREAM OF PENNSYLVANIA RD.									
X1	4466.000	16.000	500.000	542.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	609.800	0.000	608.900	100.000	608.700	200.000	608.000	300.000	607.800	400.000
GR	607.700	450.000	607.400	500.000	603.100	513.000	601.100	514.000	600.900	519.000
GR	601.600	524.000	603.200	525.000	608.000	542.000	608.400	582.000	608.800	600.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4515.000	15.000	400.000	444.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	608.700	0.000	608.500	100.000	608.500	300.000	608.500	350.000	608.300	400.000
GR	607.300	412.000	602.600	412.000	601.900	416.000	601.400	422.000	601.300	432.000
GR	607.400	432.000	608.700	444.000	608.900	494.000	609.500	600.000	610.000	300.000

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NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	4517.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	6.000	0.000	608.700	0.000	400.000	609.600	0.000	412.000	609.600	607.300
BT	432.000	609.700	607.400	444.000	609.700	0.000	800.000	610.000	0.000	0.000
X1	4568.000	0.000	0.000	0.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	607.400	609.600	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	4570.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF PENNSYLVANIA RD.									
X1	4619.000	16.000	500.000	542.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	609.800	0.000	608.900	100.000	608.700	200.000	608.000	300.000	607.800	400.000
GR	607.700	450.000	607.400	500.000	603.100	513.000	601.100	514.000	600.900	519.000
GR	601.600	524.000	603.200	525.000	608.000	542.000	608.400	582.000	608.800	600.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	5019.000	18.000	500.000	522.000	400.000	400.000	400.000	0.000	0.000	0.000
GR	613.600	0.000	611.800	100.000	611.400	200.000	610.700	300.000	610.400	400.000
GR	608.800	427.000	608.700	439.000	608.000	450.000	606.800	489.000	604.500	500.000
GR	602.500	502.000	602.300	510.000	602.500	518.000	605.000	522.000	608.900	535.000
GR	609.900	547.000	610.000	700.000	611.000	800.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF PENNSYLVANIA RD.									
X1	5519.000	16.000	500.000	545.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	614.700	0.000	614.700	100.000	614.400	200.000	611.200	300.000	609.000	400.000
GR	608.500	450.000	606.900	500.000	604.500	510.000	602.700	511.000	602.200	517.000
GR	603.400	523.000	604.700	524.000	611.800	545.000	611.800	565.000	611.000	600.000
GR	611.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	5568.000	11.000	400.000	420.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	611.000	200.000	610.800	350.000	611.100	400.000	601.200	400.000
GR	601.400	410.000	601.700	420.000	611.200	420.000	611.400	470.000	611.500	500.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	5570.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	350.000	610.800	610.800	400.000	611.100	608.900	420.000	611.200	608.900
BT	470.000	611.400	611.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	5628.000	0.000	0.000	0.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	605.900	611.100	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	5630.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF PENNSYLVANIA RD.									
X1	5679.000	16.000	500.000	545.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.700	0.000	614.700	100.000	614.400	200.000	611.200	300.000	609.000	400.000
GR	608.500	450.000	606.900	500.000	604.500	510.000	602.700	511.000	602.200	517.000
GR	603.400	523.000	604.700	524.000	611.800	545.000	611.800	565.000	611.000	600.000
GR	611.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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DOWNSTREAM OF BEECH DALY RD.

X1	6579.000	17.000	400.000	431.000	900.000	900.000	900.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	365.000	0.000	470.000	0.000	0.000	0.000	0.000
GR	614.500	0.000	614.100	100.000	613.000	200.000	610.100	300.000	608.800	350.000
GR	609.900	400.000	604.800	410.000	604.300	411.000	602.700	416.000	603.000	421.000
GR	604.400	422.000	609.100	431.000	608.600	481.000	608.500	500.000	609.800	600.000
GR	611.000	700.000	611.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	6628.000	20.000	300.000	365.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.000	0.000	614.000	100.000	613.500	200.000	612.400	250.000	613.400	300.000
GR	609.000	316.000	607.600	316.000	607.200	319.000	607.000	319.000	603.600	323.000
GR	602.400	324.000	602.600	332.000	602.500	337.000	604.000	343.000	607.100	345.000
GR	608.800	349.000	608.600	352.000	613.100	365.000	612.700	415.000	613.000	500.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	6630.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	300.000	613.400	613.400	319.000	613.200	610.000	345.000	613.200	610.000
BT	365.000	613.200	613.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	6702.000	0.000	0.000	0.000	72.000	72.000	72.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	610.000	613.200	0.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	235.000	0.000	435.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	6704.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	235.000	0.000	435.000	0.000	0.000	0.000	0.000

UPSTREAM OF BEECH DALY RD.

X1	6753.000	17.000	400.000	431.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	270.000	0.000	565.000	0.000	0.000	0.000	0.000
GR	614.500	0.000	614.100	100.000	613.000	200.000	610.100	300.000	608.800	350.000
GR	609.900	400.000	604.800	410.000	604.300	411.000	602.700	416.000	603.000	421.000
GR	604.400	422.000	609.100	431.000	608.600	481.000	608.500	500.000	609.800	600.000
GR	611.000	700.000	611.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	7753.000	17.000	500.000	537.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	612.900	0.000	612.600	100.000	612.400	200.000	612.000	300.000	611.400	400.000
GR	610.900	450.000	609.600	500.000	603.600	509.000	602.700	515.000	603.200	520.000
GR	606.100	527.000	610.400	537.000	609.100	587.000	611.100	700.000	612.200	800.000
GR	613.400	900.000	614.400	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	8453.000	15.000	500.000	532.000	700.000	700.000	700.000	0.000	0.000	0.000
GR	615.400	0.000	615.500	100.000	615.600	200.000	615.000	300.000	613.500	400.000
GR	610.800	450.000	610.900	500.000	604.000	513.000	603.700	518.000	605.200	521.000
GR	610.000	532.000	610.400	582.000	612.200	700.000	612.700	800.000	613.800	900.000
X1	8953.000	14.000	500.000	534.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	615.700	0.000	615.700	200.000	615.000	300.000	613.000	400.000	611.500	450.000
GR	612.500	500.000	606.500	511.000	605.300	515.000	606.200	522.000	612.200	534.000
GR	611.000	584.000	612.000	700.000	612.800	800.000	616.000	900.000	0.000	0.000

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DOWNSTREAM OF FARM BRIDGE

X1	10300.000	14.000	400.000	436.000	1347.000	1347.000	1347.000	0.000	0.000	0.000
GR	613.800	0.000	612.000	100.000	611.500	200.000	611.000	300.000	612.400	350.000
GR	613.700	400.000	607.300	412.000	606.300	418.000	607.400	425.000	613.200	436.000
GR	612.400	486.000	612.500	600.000	613.500	700.000	613.500	800.000	0.000	0.000
X1	10349.000	13.000	350.000	450.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.500	0.000	612.500	100.000	611.900	200.000	611.500	300.000	612.400	350.000
GR	607.200	400.000	606.400	407.000	606.600	414.000	612.800	450.000	612.900	464.000
GR	613.200	700.000	613.700	800.000	614.000	900.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	10351.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	0.000	613.500	613.500	400.000	614.500	613.400	414.000	614.500	613.200
BT	900.000	614.000	614.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	10364.000	0.000	0.000	0.000	13.000	13.000	13.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	613.400	614.400	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	10366.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000

UPSTREAM OF FARM BRIDGE

X1	10415.000	14.000	400.000	436.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.800	0.000	612.000	100.000	611.500	200.000	611.000	300.000	612.400	350.000
GR	613.700	400.000	607.300	412.000	606.300	418.000	607.400	425.000	613.200	436.000
GR	612.400	486.000	612.500	600.000	613.500	700.000	613.500	800.000	0.000	0.000

DOWNSTREAM OF WALK BRIDGE

X1	10765.000	15.000	400.000	434.000	350.000	350.000	350.000	0.000	0.000	0.000
GR	613.200	0.000	613.500	100.000	612.500	200.000	611.600	300.000	611.600	350.000
GR	612.900	400.000	608.700	404.000	607.200	411.000	608.700	418.000	609.100	426.000
GR	613.100	434.000	612.800	484.000	614.200	600.000	615.500	700.000	616.500	800.000
X1	10814.000	16.000	400.000	434.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.500	0.000	613.500	100.000	613.000	200.000	612.500	300.000	612.400	350.000
GR	613.700	400.000	612.800	407.000	609.400	407.000	608.700	414.000	607.100	420.000
GR	608.800	428.000	612.300	434.000	613.500	434.000	614.100	484.000	615.000	600.000
GR	616.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	10816.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	10.000	0.000	613.500	0.000	100.000	613.500	0.000	200.000	613.000	0.000
BT	300.000	612.500	0.000	350.000	612.400	0.000	400.000	613.700	0.000	407.000
BT	613.500	612.800	434.000	613.500	612.300	484.000	614.100	0.000	600.000	615.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	10824.000	0.000	0.000	0.000	8.000	8.000	8.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	612.800	613.100	0.000	1.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	10826.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF WALK BRIDGE									
X1	10875.000	15.000	400.000	434.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.200	0.000	613.500	100.000	612.500	200.000	611.900	300.000	611.600	350.000
GR	612.900	400.000	608.700	404.000	607.200	411.000	608.700	418.000	609.100	426.000
GR	613.100	434.000	612.800	484.000	614.200	600.000	615.500	700.000	616.500	800.000
	DOWNSTREAM OF PENNSYLVANIA RD.									
X1	11175.000	15.000	400.000	434.000	300.000	300.000	300.000	0.000	0.000	0.000
GR	613.200	0.000	613.500	100.000	612.500	200.000	611.600	300.000	611.600	350.000
GR	612.900	400.000	608.700	404.000	607.200	411.000	608.700	418.000	609.100	426.000
GR	613.100	434.000	612.800	484.000	614.200	600.000	615.500	700.000	616.500	800.000
X1	11224.000	13.000	400.000	470.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	616.000	0.000	615.500	200.000	613.100	350.000	613.700	400.000	611.900	403.000
GR	608.700	407.000	606.800	430.000	606.800	433.000	607.000	440.000	607.200	446.000
GR	608.100	467.000	616.000	470.000	616.000	600.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	11226.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	6.000	400.000	616.900	616.900	430.000	616.900	613.500	433.000	616.900	615.000
BT	440.000	616.900	615.500	446.000	616.900	615.000	470.000	616.900	616.900	0.000
X1	11299.000	0.000	0.000	0.000	73.000	73.000	73.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	615.500	616.900	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	11301.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF PENNSYLVANIA RD.									
X1	11350.000	15.000	400.000	434.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.200	0.000	613.500	100.000	612.500	200.000	611.600	300.000	611.600	350.000
GR	612.900	400.000	608.700	404.000	607.200	411.000	608.700	418.000	609.100	426.000
GR	613.100	434.000	612.800	484.000	614.200	600.000	615.500	700.000	616.500	800.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

DOWNSTREAM OF PENNSYLVANIA RD.

0.00	8.80	606.30	0.00	606.30	606.35	0.05	0.00	0.00	606.80
738.	0.	738.	0.	0.	395.	0.	0.	0.	607.60
0.00	0.00	1.87	0.00	0.070	0.035	0.070	0.000	597.50	402.08
0.000221	0.	0.	0.	0	0	0	0.00	75.12	477.20

*SECNO 49.000

49.00	8.23	606.33	0.00	0.00	606.36	0.03	0.01	0.00	607.00
738.	0.	737.	1.	0.	510.	7.	1.	0.	606.30
0.01	0.00	1.44	0.11	0.070	0.035	0.070	0.000	598.10	400.93
0.000134	49.	49.	49.	2	0	0	0.00	130.83	531.76

CCHV= 0.300 CEHV= 0.500

*SECNO 51.000

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 607.00 MAX ELLC= 613.00

51.00	8.21	606.31	0.00	0.00	606.39	0.09	0.00	0.03	607.00
738.	0.	736.	2.	0.	313.	6.	1.	0.	606.30
0.01	0.00	2.35	0.36	0.070	0.035	0.070	0.000	598.10	400.96
0.001435	2.	2.	2.	2	0	0	-195.28	130.31	531.28

*SECNO 220.000

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 608.20 MAX ELLC= 606.40

220.00	8.45	606.55	0.00	0.00	606.63	0.08	0.24	0.00	607.00
738.	0.	731.	7.	0.	316.	17.	2.	1.	606.30
0.03	0.00	2.31	0.43	0.070	0.035	0.070	0.000	598.10	400.62
0.001397	169.	169.	169.	2	0	0	-213.74	135.19	535.81

CCHV= 0.100 CEHV= 0.300

*SECNO 222.000

222.00	8.51	606.61	0.00	0.00	606.64	0.03	0.00	0.01	607.00
738.	0.	735.	3.	0.	535.	20.	2.	1.	606.30
0.03	0.00	1.37	0.13	0.070	0.035	0.070	0.000	598.10	400.54
0.000114	2.	2.	2.	2	0	0	0.00	136.37	536.91

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 271.000									
	UPSTREAM OF PENNSYLVANIA RD.								
271.00	9.10	606.60	0.00	0.00	606.65	0.05	0.01	0.01	606.80
738.	0.	738.	0.	0.	418.	0.	2.	1.	607.60
0.04	0.00	1.76	C.00	C.070	0.035	0.070	0.000	597.50	400.82
0.000189	49.	49.	49.	2	0	0	0.00	77.03	477.85
CCHV= 0.300 CEHV= 0.500									
*SECNO 1071.000									
3470 ENCROACHMENT STATIONS=		490.0	540.0	TYPE=	1	TARGET=	50.000		
	DOWNSTREAM OF TELEGRAPH RD.								
1071.00	8.59	606.79	0.00	0.00	606.96	0.17	0.24	0.06	603.10
738.	24.	705.	9.	27.	208.	15.	9.	2.	605.10
0.11	0.88	3.38	C.60	C.070	0.035	0.070	0.000	598.20	490.00
0.000569	800.	800.	800.	2	0	0	0.00	50.00	540.00
*SECNO 1120.000									
1120.00	7.36	606.76	0.00	0.00	607.07	0.31	0.04	0.07	609.80
738.	0.	738.	0.	0.	165.	0.	9.	2.	609.60
0.11	0.00	4.47	0.00	0.070	0.035	0.070	0.000	599.40	400.00
0.001456	49.	49.	49.	2	0	0	0.00	24.00	424.00
SPECIAL BRIDGE									
SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.14	2.63	0.00	24.00	0.00	145.00	0.00	599.90	599.90
*SECNO 1182.000									
PRESSURE FLOW									
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
607.62	607.53	C.00	0.	738.	145.	144.		605.90	609.60
1182.00	7.95	607.35	0.00	0.00	607.62	0.26	0.55	0.00	609.80
738.	0.	738.	0.	0.	179.	0.	9.	2.	609.60
0.11	0.00	4.12	0.00	C.070	0.035	0.070	0.000	599.40	400.00
0.001152	62.	62.	62.	2	0	0	0.00	24.00	424.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 1231.000									
3470 ENCROACHMENT STATIONS=			370.0	660.0	TYPE=	1	TARGET=	290.000	
UPSTREAM OF TELEGRAPH RD.									
1231.00	9.41	607.61	0.00	0.00	607.70	0.08	0.02	0.05	603.10
738.	104.	602.	32.	204.	233.	74.	9.	2.	605.10
0.12	0.51	2.58	0.44	0.070	0.035	0.070	0.000	598.20	370.00
0.000285	49.	49.	49.	2	0	0	0.00	229.63	599.63
CCHV= 0.100 CEHV= 0.300									
*SECNO 2131.000									
2131.00	9.28	607.88	0.00	0.00	607.94	0.06	0.24	0.00	605.00
738.	134.	526.	78.	252.	230.	166.	21.	8.	605.30
0.26	0.53	2.28	0.47	0.070	0.035	0.070	0.000	598.60	336.42
0.000252	900.	900.	900.	2	0	0	0.00	323.62	660.04
*SECNO 3331.000									
DOWNSTREAM OF FARM BRIDGE									
3331.00	8.62	608.22	0.00	0.00	608.27	0.05	0.33	0.00	606.40
738.	76.	466.	196.	144.	207.	329.	40.	17.	605.90
0.46	0.53	2.25	0.59	0.070	0.035	0.070	0.000	599.60	410.53
0.000300	1200.	1200.	1200.	1	0	0	0.00	312.86	723.39
*SECNO 3380.000									
3265 DIVIDED FLOW									
3380.00	9.09	608.19	0.00	0.00	608.31	0.13	0.02	0.02	608.80
738.	0.	684.	54.	2.	231.	121.	40.	17.	608.80
0.47	0.10	2.96	0.44	0.070	0.035	0.070	0.000	599.10	340.74
0.000552	49.	49.	49.	2	0	0	0.00	204.92	599.06
CCHV= 0.300 CEHV= 0.500									
*SECNO 3382.000									
3265 DIVIDED FLOW									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 608.80 MAX ELLC= 608.80									
3382.00	9.04	608.14	0.00	0.00	608.36	0.21	0.00	0.04	608.80
738.	0.	590.	147.	1.	144.	115.	40.	17.	608.80
0.47	0.25	4.09	1.28	0.070	0.035	0.070	0.000	599.10	342.77
0.004712	2.	2.	2.	2	0	0	-85.20	196.77	596.47
*SECNO 3390.000									
3265 DIVIDED FLOW									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 608.50 MAX ELLC= 605.90									
3390.00	9.10	608.20	0.00	0.00	608.40	0.20	0.04	0.00	608.80
738.	1.	580.	157.	2.	144.	122.	40.	17.	608.80
0.47	0.30	4.02	1.29	0.070	0.035	0.070	0.000	599.10	340.25
0.004571	8.	8.	8.	2	0	0	-87.24	206.90	599.69
CCHV= 0.100 CEHV= 0.300									
*SECNO 3392.000									
3265 DIVIDED FLOW									
3392.00	9.19	608.29	0.00	0.00	608.41	0.12	0.00	0.01	608.80
738.	1.	675.	62.	5.	236.	138.	40.	17.	608.80
0.47	0.13	2.86	0.45	0.070	0.035	0.070	0.000	599.10	335.43
0.000511	2.	2.	2.	2	0	0	0.00	243.22	622.83
*SECNO 3441.000									
UPSTREAM OF FARM BRIDGE									
3441.00	8.79	608.39	0.00	0.00	608.43	0.04	0.02	0.01	606.40
738.	82.	449.	207.	160.	213.	364.	41.	17.	605.90
0.48	0.51	2.11	0.57	0.070	0.035	0.070	0.000	599.60	407.35
0.000253	49.	49.	49.	2	0	0	0.00	335.84	743.18
*SECNO 3641.000									
DOWNSTREAM OF DIRT RD.									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3641.00	8.26	608.46	0.00	0.00	608.48	0.02	0.04	0.00	606.70
738.	184.	314.	240.	360.	178.	391.	45.	19.	606.10
0.53	0.51	1.77	0.61	0.070	0.035	0.070	0.000	600.20	302.35
0.000194	200.	200.	200.	1	0	0	0.00	369.09	671.44
*SECNO 3690.000									
3690.00	7.91	608.31	0.00	0.00	608.57	0.27	0.02	0.07	608.20
738.	56.	658.	24.	81.	150.	45.	45.	19.	608.10
0.53	0.69	4.38	0.53	0.070	0.035	0.070	0.000	600.40	284.36
0.001516	49.	49.	49.	2	0	0	0.00	234.99	519.36
CCHV= 0.300 CEHV= 0.500									
*SECNO 3692.000									
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.00 MAX ELLC= 605.70									
3692.00	7.82	608.22	604.38	0.00	608.67	0.45	0.01	0.09	608.20
738.	130.	596.	12.	72.	101.	14.	45.	19.	608.10
0.53	1.81	5.90	0.82	0.070	0.035	0.070	0.000	600.40	287.55
0.012011	2.	2.	2.	4	12	0	-70.22	227.87	515.42
*SECNO 3703.000									
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.80 MAX ELLC= 605.70									
3703.00	8.21	608.61	0.00	0.00	608.83	0.22	0.09	0.07	608.20
738.	197.	491.	50.	117.	110.	45.	46.	19.	608.10
0.54	1.58	4.46	1.11	0.070	0.035	0.070	0.000	600.40	272.92
0.006117	11.	11.	11.	4	0	0	-77.69	260.60	533.52
CCHV= 0.100 CEHV= 0.300									
*SECNO 3705.000									
3705.00	8.25	608.65	0.00	0.00	608.84	0.18	0.00	0.00	608.20
738.	88.	602.	48.	124.	159.	81.	46.	19.	608.10
0.54	0.72	3.80	0.59	0.070	0.035	0.070	0.000	600.40	271.06
0.001059	2.	2.	2.	2	0	0	0.00	264.76	535.83

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3754.000									
UPSTREAM OF DIRT RD.									
3754.00	8.65	608.85	0.00	0.00	608.87	0.02	0.01	0.02	606.70
738.	202.	291.	244.	438.	190.	447.	46.	20.	606.10
0.55	0.46	1.54	0.55	0.070	0.035	0.070	0.000	600.20	295.88
0.000135	49.	49.	49.	2	0	0	0.00	381.02	676.90
*SECNO 3854.000									
DOWNSTREAM OF PRIVATE BRIDGE									
3854.00	8.92	608.82	0.00	0.00	608.91	0.09	0.02	0.02	608.00
738.	19.	630.	89.	62.	247.	189.	48.	21.	606.50
0.56	0.31	2.56	0.47	0.070	0.035	0.070	0.000	599.90	387.08
0.000416	100.	100.	100.	2	0	0	0.00	354.07	741.15
*SECNO 3903.000									
3265 DIVIDED FLOW									
3903.00	8.03	608.63	0.00	0.00	609.05	0.41	0.04	0.10	608.70
738.	0.	738.	0.	3.	143.	0.	49.	21.	608.70
0.57	0.15	5.14	0.00	0.070	0.035	0.070	0.000	600.60	336.67
0.001948	49.	49.	49.	2	0	0	0.00	67.64	421.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3905.000									
3370 NORMAL BRIDGE, NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80									
3905.00	7.83	608.43	0.00	0.00	609.27	0.84	0.01	0.22	608.70
738.	0.	738.	0.	0.	100.	0.	49.	21.	608.70
0.57	0.00	7.38	0.00	0.070	0.035	0.070	0.000	600.60	400.00
0.013524	2.	2.	2.	2	0	0	-38.85	21.00	421.00
*SECNO 3915.000									
3265 DIVIDED FLOW									

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80									
3915.00	8.03	608.63	605.02	0.00	609.43	0.80	0.15	0.01	608.70
738.	1.	737.	0.	2.	102.	0.	49.	21.	608.70
0.57	0.41	7.20	0.00	0.070	0.035	0.070	0.000	600.60	338.16
0.015942	10.	10.	10.	4	15	0	-40.78	62.45	421.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3917.000									
3301 HV CHANGED MORE THAN HVINS									
3917.00	8.60	609.20	0.00	0.00	609.49	0.29	0.01	0.05	608.70
738.	27.	693.	18.	54.	155.	53.	49.	21.	608.70
0.57	0.49	4.47	0.34	0.070	0.035	0.070	0.000	600.60	280.63
0.001332	2.	2.	2.	3	0	0	0.00	338.74	619.37
*SECNO 3966.000									
UPSTREAM OF PRIVATE BRIDGE									
3966.00	9.59	609.49	0.00	0.00	609.53	0.05	0.02	0.02	608.00
738.	50.	547.	141.	146.	277.	329.	49.	21.	606.50
0.57	0.34	1.97	0.43	0.070	0.035	0.070	0.000	599.90	360.50
0.000212	49.	49.	49.	2	0	0	0.00	413.87	774.37
*SECNO 4466.000									
DOWNSTREAM OF PENNSYLVANIA RD.									
4466.00	8.71	609.61	0.00	0.00	609.65	0.04	0.12	0.00	607.40
738.	265.	438.	35.	604.	225.	102.	59.	27.	608.00
0.68	0.44	1.95	0.34	0.070	0.035	0.070	0.000	600.90	20.73
0.000251	500.	500.	500.	2	0	0	0.00	647.06	667.79
*SECNO 4515.000									
3280 CROSS SECTION 4515.00 EXTENDED 0.92 FEET									
4515.00	8.32	609.62	0.00	0.00	609.67	0.06	0.02	0.01	608.30
738.	236.	471.	31.	445.	201.	89.	60.	28.	608.70
0.69	0.53	2.35	0.34	0.070	0.035	0.070	0.000	601.30	0.00
0.000543	49.	49.	49.	0	0	0	0.00	649.67	649.67

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 4517.000
3280 CROSS SECTION 4517.00 EXTENDED 0.76 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 608.70 MAX ELLC= 607.40

4517.00	8.16	609.46	605.09	0.00	609.84	0.38	0.00	0.16	608.30
738.	119.	619.	0.	127.	115.	0.	60.	28.	608.70
0.69	0.94	5.40	0.00	0.070	0.035	0.070	0.000	601.30	0.00
0.005483	2.	2.	2.	6	20	0	-389.35	592.22	592.22

*SECNO 4568.000
3280 CROSS SECTION 4568.00 EXTENDED 1.35 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 609.60 MAX ELLC= 607.40

4568.00	8.76	610.06	0.00	0.00	610.11	0.06	0.18	0.10	608.30
738.	365.	345.	28.	361.	132.	72.	60.	29.	608.70
0.70	1.01	2.61	0.39	0.070	0.035	0.070	0.000	601.30	0.00
0.002428	51.	51.	51.	3	0	0	-483.80	800.00	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4570.000
3280 CROSS SECTION 4570.00 EXTENDED 1.39 FEET

4570.00	8.79	610.09	0.00	0.00	610.12	0.02	0.00	0.00	608.30
738.	291.	380.	67.	632.	222.	228.	60.	29.	608.70
0.70	0.46	1.72	0.29	0.070	0.035	0.070	0.000	601.30	0.00
0.000255	2.	2.	2.	2	0	0	0.00	800.00	800.00

*SECNO 4619.000
3280 CROSS SECTION 4619.00 EXTENDED 0.31 FEET

UPSTREAM OF PENNSYLVANIA RD.

4619.00	9.21	610.11	0.00	0.00	610.13	0.02	0.01	0.00	607.40
738.	318.	369.	51.	850.	245.	174.	62.	30.	608.00
0.71	0.37	1.50	0.29	0.070	0.035	0.070	0.000	600.90	0.00
0.000133	49.	49.	49.	2	0	0	0.00	700.00	700.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 5019.000									
5019.00	7.83	610.13	0.00	0.00	610.24	0.11	0.09	0.03	604.50
738.	176.	517.	45.	207.	162.	79.	69.	34.	605.00
0.76	0.85	3.18	0.57	0.070	0.035	0.070	0.000	602.30	404.54
0.000427	400.	400.	400.	2	0	0	0.00	308.53	713.08
*SECNO 5519.000									
DOWNSTREAM OF PENNSYLVANIA RD.									
5519.00	8.20	610.40	0.00	0.00	610.48	0.08	0.24	0.00	606.90
738.	199.	539.	0.	262.	201.	0.	75.	37.	611.80
0.82	0.76	2.67	0.00	0.070	0.035	0.070	0.000	602.20	336.42
0.000520	500.	500.	500.	2	0	0	0.00	204.44	540.86
*SECNO 5568.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 5568.00 EXTENDED 0.31 FEET									
5568.00	9.11	610.31	0.00	0.00	610.57	0.27	0.04	0.05	611.10
738.	0.	737.	1.	0.	178.	6.	75.	38.	611.20
0.82	0.00	4.15	0.21	0.070	0.035	0.070	0.000	601.20	400.00
0.001208	49.	49.	49.	2	0	0	0.00	61.00	700.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 5570.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 5570.00 EXTENDED 0.26 FEET									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 610.80 MAX ELLC= 611.40									
5570.00	9.06	610.26	0.00	0.00	610.63	0.38	0.00	0.05	611.10
738.	0.	737.	1.	0.	150.	4.	75.	38.	611.20
0.82	0.00	4.93	0.32	0.070	0.035	0.070	0.000	601.20	400.00
0.003542	2.	2.	2.	2	0	0	-27.13	54.21	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 5628.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5628.00 EXTENDED 0.47 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 611.10 MAX ELLC= 608.90

5628.00	9.27	610.47	0.00	0.00	610.84	0.37	0.20	0.00	611.10
738.	0.	731.	7.	0.	150.	15.	75.	38.	611.20
0.83	0.00	4.89	0.48	0.070	0.035	0.070	0.000	601.20	400.00
0.003488	58.	58.	58.	2	0	0	-31.42	82.83	700.00

CCHV= 0.100 CEHV= 0.300

*SECNO 5630.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5630.00 EXTENDED 0.61 FEET

5630.00	9.41	610.61	0.00	0.00	610.86	0.24	0.00	0.01	611.10
738.	0.	730.	8.	0.	184.	25.	75.	38.	611.20
0.83	0.00	3.97	0.32	0.070	0.035	0.070	0.000	601.20	400.00
0.001083	2.	2.	2.	2	0	0	0.00	101.68	700.00

*SECNO 5679.000
UPSTREAM OF PENNSYLVANIA RD.

5679.00	8.64	610.84	0.00	0.00	610.90	0.06	0.03	0.02	606.90
738.	233.	505.	0.	339.	220.	0.	76.	38.	611.80
0.83	0.69	2.30	0.00	0.070	0.035	0.070	0.000	602.20	316.19
0.000356	49.	49.	49.	2	0	0	0.00	225.98	542.17

*SECNO 6579.000

3470 ENCROACHMENT STATIONS= 365.0 470.0 TYPE= 1 TARGET= 105.000
DOWNSTREAM OF BEECH DALY RD.

6579.00	8.53	611.23	0.00	0.00	611.38	0.15	0.45	0.03	609.90
738.	49.	600.	90.	60.	174.	91.	85.	41.	609.10
0.92	0.81	3.45	0.99	0.070	0.035	0.070	0.000	602.70	365.00
0.000763	900.	900.	900.	2	0	0	0.00	105.00	470.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 6628.000									
6628.00	8.89	611.29	0.00	0.00	611.42	0.13	0.03	0.00	613.40
738.	0.	738.	0.	0.	259.	0.	85.	41.	613.10
0.92	0.00	2.85	0.00	0.070	0.035	0.070	0.000	602.40	307.66
0.000621	49.	49.	49.	2	0	0	0.00	52.12	359.78
CCHV= 0.300 CEHV= 0.500									
*SECNO 6630.000									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 613.40									
6630.00	8.87	611.27	0.00	0.00	611.45	0.18	0.00	0.03	613.40
738.	0.	738.	0.	0.	215.	0.	85.	41.	613.10
0.92	0.00	3.43	0.00	0.070	0.035	0.070	0.000	602.40	307.76
0.002337	2.	2.	2.	2	0	0	-42.43	51.95	359.70
*SECNO 6702.000									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 610.00									
3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000									
6702.00	9.04	611.44	0.00	0.00	611.62	0.18	0.17	0.00	613.40
738.	0.	738.	0.	0.	217.	0.	86.	41.	613.10
0.93	0.00	3.40	0.00	0.070	0.035	0.070	0.000	602.40	307.13
0.002373	72.	72.	72.	2	0	0	-49.73	53.08	360.21
CCHV= 0.100 CEHV= 0.300									
*SECNO 6704.000									
3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000									
6704.00	9.11	611.51	0.00	0.00	611.63	0.12	0.00	0.01	613.40
738.	0.	738.	0.	0.	271.	0.	86.	41.	613.10
0.93	0.00	2.73	0.00	0.070	0.035	0.070	0.000	602.40	306.86
0.000555	2.	2.	2.	2	0	0	0.00	53.55	360.42
*SECNO 6753.000									
3280 CROSS SECTION 6753.00 EXTENDED 0.12 FEET									

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		270.0	565.0	TYPE=	1	TARGET=	295.000		
UPSTREAM OF BEECH DALY RD.									
6753.00	8.92	611.62	0.00	0.00	611.65	0.03	0.02	0.01	609.90
738.	133.	370.	235.	255.	186.	372.	86.	42.	609.10
0.94	0.52	1.99	0.63	0.070	0.035	0.070	0.000	602.70	270.00
0.000232	49.	49.	49.	2	0	0	0.00	295.00	565.00
*SECNO 7753.000									
7753.00	9.16	611.86	0.00	0.00	611.91	0.06	0.25	0.01	609.60
738.	51.	519.	168.	133.	231.	330.	103.	50.	610.40
1.10	0.38	2.25	0.51	0.070	0.035	0.070	0.000	602.70	323.99
0.000276	1000.	1000.	1000.	2	0	0	0.00	444.74	768.73
*SECNO 8453.000									
8453.00	8.40	612.10	0.00	0.00	612.22	0.13	0.29	0.02	610.90
738.	47.	563.	128.	78.	174.	189.	113.	56.	610.00
1.17	0.60	3.24	0.68	0.070	0.035	0.070	0.000	603.70	425.98
0.000687	700.	700.	700.	2	0	0	0.00	267.26	693.24
*SECNO 8953.000									
8953.00	7.22	612.52	0.00	0.00	612.71	0.19	0.47	0.02	612.50
738.	22.	580.	136.	44.	147.	182.	117.	59.	612.20
1.22	0.51	3.94	0.74	0.070	0.035	0.070	0.000	605.30	415.82
0.001378	500.	500.	500.	2	0	0	0.00	349.87	765.69
*SECNO 10300.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 10300.00 EXTENDED			0.02 FEET						
DOWNSTREAM OF FARM BRIDGE									
10300.00	7.23	613.53	0.00	0.00	613.56	0.03	0.83	0.02	613.70
738.	340.	322.	76.	585.	159.	213.	138.	77.	613.20
1.53	0.58	2.03	0.36	0.070	0.035	0.070	0.000	606.30	15.37
0.000348	1347.	1347.	1347.	2	0	0	0.00	777.51	800.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 10349.000									
3280 CROSS SECTION 10349.00 EXTENDED 0.05 FEET									
10349.00	7.15	613.55	0.00	0.00	613.57	0.02	0.01	0.00	612.40
738.	152.	564.	22.	455.	423.	140.	139.	78.	612.80
1.54	0.33	1.33	0.16	0.070	0.035	0.070	0.000	606.40	0.00
0.000146	49.	49.	49.	2	0	0	0.00	770.24	770.24
CCHV= 0.300 CEHV= 0.500									
*SECNO 10351.000									
3280 CROSS SECTION 10351.00 EXTENDED 0.05 FEET									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.50 MAX ELLC= 614.00									
10351.00	7.15	613.55	0.00	0.00	613.57	0.02	0.00	0.00	612.40
738.	148.	571.	19.	423.	400.	115.	139.	78.	612.80
1.55	0.35	1.42	0.17	0.070	0.035	0.070	0.000	606.40	0.00
0.000449	2.	2.	2.	0	0	0	-81.23	770.34	770.34
*SECNO 10364.000									
3280 CROSS SECTION 10364.00 EXTENDED 0.05 FEET									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.40 MAX ELLC= 613.40									
10364.00	7.16	613.56	0.00	0.00	613.58	0.02	0.01	0.00	612.40
738.	148.	571.	20.	423.	400.	115.	139.	78.	612.80
1.55	0.35	1.42	0.17	0.070	0.035	0.070	0.000	606.40	0.00
0.000449	13.	13.	13.	0	0	0	-82.58	770.78	770.78
CCHV= 0.100 CEHV= 0.300									
*SECNO 10366.000									
3280 CROSS SECTION 10366.00 EXTENDED 0.06 FEET									
10366.00	7.16	613.56	0.00	0.00	613.58	0.02	0.00	0.00	612.40
738.	152.	563.	22.	457.	423.	142.	139.	78.	612.80
1.55	0.33	1.33	0.16	0.070	0.035	0.070	0.000	606.40	0.00
0.000145	2.	2.	2.	0	0	0	0.00	771.35	771.35

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10415.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10415.00 EXTENDED 0.07 FEET

UPSTREAM OF FARM BRIDGE

10415.00	7.27	613.57	0.00	0.00	613.59	0.03	0.01	0.00	613.70
738.	343.	315.	81.	604.	161.	232.	140.	79.	613.20
1.56	0.57	1.96	0.35	0.070	0.035	0.070	0.000	606.30	12.52
0.000321	49.	49.	49.	0	0	0	0.00	782.42	800.00

*SECNO 10765.000

3280 CROSS SECTION 10765.00 EXTENDED 0.49 FEET

DOWNSTREAM OF WALK BRIDGE

10765.00	6.49	613.69	0.00	0.00	613.76	0.07	0.15	0.01	612.90
738.	300.	411.	26.	444.	151.	70.	147.	84.	613.10
1.61	0.68	2.72	0.38	0.070	0.035	0.070	0.000	607.20	0.00
0.000633	350.	350.	350.	2	0	0	0.00	557.88	557.88

*SECNO 10814.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10814.00 EXTENDED 0.15 FEET

10814.00	6.55	613.65	0.00	0.00	613.85	0.20	0.05	0.04	613.70
738.	183.	555.	0.	234.	134.	1.	148.	85.	613.50
1.62	0.78	4.15	0.16	0.070	0.035	0.070	0.000	607.10	0.00
0.001892	49.	49.	49.	2	0	0	0.00	443.74	446.21

CCHV= 0.300 CEHV= 0.500

*SECNO 10816.000

3280 CROSS SECTION 10816.00 EXTENDED 0.30 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 612.40 MAX ELLC= 612.80

10816.00	6.70	613.80	0.00	0.00	613.89	0.09	0.01	0.03	613.70
738.	384.	352.	1.	295.	111.	4.	148.	85.	613.50
1.62	1.30	3.18	0.40	0.070	0.035	0.070	0.000	607.10	0.00
0.004437	2.	2.	2.	3	0	0	-28.10	458.95	458.95

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10824.000
3280 CROSS SECTION 10824.00 EXTENDED 0.35 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 613.10 MAX ELLC= 612.80

10824.00	6.75	613.85	0.00	0.00	613.93	0.08	0.03	0.00	613.70
738.	396.	339.	2.	314.	112.	5.	148.	85.	613.50
1.62	1.26	3.02	0.41	0.070	0.035	0.070	0.000	607.10	0.00
0.003928	8.	8.	8.	2	0	0	-28.10	462.97	462.97

CCHV= 0.100 CEHV= 0.300
*SECNO 10826.000
3280 CROSS SECTION 10826.00 EXTENDED 0.30 FEET

10826.00	6.70	613.80	0.00	0.00	613.95	0.15	0.00	0.02	613.70
738.	221.	516.	1.	295.	139.	4.	148.	85.	613.50
1.62	0.75	3.72	0.23	0.070	0.035	0.070	0.000	607.10	0.00
0.001461	2.	2.	2.	2	0	0	0.00	459.03	459.03

*SECNO 10875.000
3280 CROSS SECTION 10875.00 EXTENDED 0.74 FEET

UPSTREAM OF WALK BRIDGE

10875.00	6.75	613.95	0.00	0.00	614.00	0.05	0.04	0.01	612.90
738.	314.	385.	39.	521.	159.	103.	148.	85.	613.10
1.63	0.60	2.41	0.38	0.070	0.035	0.070	0.000	607.20	0.00
0.000461	49.	49.	49.	1	0	0	0.00	578.55	578.55

*SECNO 11175.000
3280 CROSS SECTION 11175.00 EXTENDED 0.88 FEET

DOWNSTREAM OF PENNSYLVANIA RD.

11175.00	6.88	614.08	0.00	0.00	614.12	0.04	0.12	0.00	612.90
738.	343.	351.	45.	601.	164.	125.	154.	89.	613.10
1.69	0.57	2.13	0.36	0.070	0.035	0.070	0.000	607.20	0.00
0.000347	300.	300.	300.	2	0	0	0.00	590.47	590.47

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 11224.000									
11224.00	7.29	614.09	0.00	0.00	614.13	0.05	0.01	0.00	613.70
738.	13.	725.	0.	66.	422.	0.	155.	90.	616.00
1.70	0.19	1.72	0.00	0.070	0.035	0.070	0.000	606.80	287.67
0.000165	49.	49.	49.	1	0	0	0.00	181.60	469.28
CCHV= 0.300 CEHV= 0.500									
*SECNO 11226.000									
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 616.90									
11226.00	7.29	614.09	0.00	0.00	614.14	0.05	0.00	0.00	613.70
738.	13.	725.	0.	65.	419.	0.	155.	90.	616.00
1.70	0.21	1.73	0.00	0.070	0.035	0.070	0.000	606.80	288.11
0.000187	2.	2.	2.	0	0	0	-1.89	181.17	469.27
*SECNO 11299.000									
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 615.50									
11299.00	7.30	614.10	0.00	0.00	614.15	0.05	0.01	0.00	613.70
738.	14.	724.	0.	67.	420.	0.	156.	90.	616.00
1.71	0.21	1.72	0.00	0.070	0.035	0.070	0.000	606.80	287.33
0.000186	73.	73.	73.	0	0	0	-1.97	181.95	469.28
CCHV= 0.100 CEHV= 0.300									
*SECNO 11301.000									
11301.00	7.30	614.10	0.00	0.00	614.15	0.05	0.00	0.00	613.70
738.	13.	725.	0.	67.	422.	0.	156.	90.	616.00
1.71	0.19	1.72	0.00	0.070	0.035	0.070	0.000	606.80	287.23
0.000164	2.	2.	2.	0	0	0	0.00	182.05	469.28
*SECNO 11350.000									
3280 CROSS SECTION 11350.00 EXTENDED 0.92 FEET									
UPSTREAM OF PENNSYLVANIA RD.									
11350.00	6.93	614.13	0.00	0.00	614.16	0.03	0.01	0.00	612.90
738.	346.	346.	46.	616.	166.	131.	157.	91.	613.10
1.72	0.56	2.09	0.35	0.070	0.035	0.070	0.000	607.20	0.00
0.000330	49.	49.	49.	1	0	0	0.00	593.38	593.38

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THIS RUN EXECUTED 15 AUG 84 10:35:12

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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T1      CITY OF TAYLOR FLOOD INSURANCE STUDY
T2      BLAKELY DRAIN
T3      50-YEAR FREQUENCY FLOOD

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.      3.        0.        0.  0.000000      0.00      0.0       0.    607.700     0.000
J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    2.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRCB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

DOWNSTREAM OF PENNSYLVANIA RD.

0.00	10.20	607.70	0.00	607.70	607.78	0.08	0.00	0.00	606.80
1152.	3.	1149.	0.	17.	505.	0.	0.	0.	607.60
0.00	0.20	2.27	0.05	0.070	0.035	0.070	0.000	597.50	362.50
0.000258	0.	0.	0.	0	0	0	0.00	123.75	486.25

*SECNO 49.000

3265 DIVIDED FLOW

49.00	9.65	607.75	0.00	0.00	607.79	0.05	0.01	0.00	607.00
1152.	6.	1120.	26.	59.	637.	85.	1.	0.	606.30
0.01	0.10	1.76	0.31	0.070	0.035	0.070	0.000	598.10	84.59
0.000149	49.	49.	49.	2	0	0	0.00	445.72	558.07

CCHV= 0.300 CEHV= 0.500

*SECNO 51.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 607.00 MAX ELLC= 613.00

51.00	9.60	607.70	0.00	0.00	607.84	0.14	0.00	0.05	607.00
1152.	17.	1028.	107.	47.	330.	82.	1.	0.	606.30
0.01	0.37	3.11	1.30	0.070	0.035	0.070	0.000	598.10	99.37
0.002742	2.	2.	2.	2	0	0	-303.19	422.11	557.24

*SECNO 220.000

3280 CROSS SECTION 220.00 EXTENDED 0.16 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 608.20 MAX ELLC= 606.40

220.00	10.06	608.16	0.00	0.00	608.25	0.09	0.39	0.02	607.00
1152.	112.	891.	149.	213.	339.	115.	3.	2.	606.30
0.03	0.53	2.63	1.29	0.070	0.035	0.070	0.000	598.10	0.00
0.002005	169.	169.	169.	2	0	0	-335.76	565.82	565.82

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 222.000
3280 CROSS SECTION 222.00 EXTENDED 0.22 FEET

222.00	10.12	608.22	0.00	0.00	608.25	0.04	0.00	0.01	607.00
1152.	38.	1077.	37.	234.	680.	119.	3.	2.	606.30
0.03	0.16	1.58	0.31	0.070	0.035	0.070	0.000	598.10	0.00
0.000111	2.	2.	2.	2	0	0	0.00	566.82	566.82

*SECNO 271.000
UPSTREAM OF PENNSYLVANIA RD.

271.00	10.70	608.20	0.00	0.00	608.27	0.07	0.01	0.01	606.80
1152.	12.	1138.	2.	61.	545.	11.	4.	3.	607.60
0.04	0.20	2.09	0.13	0.070	0.035	0.070	0.000	597.50	199.63
0.000196	49.	49.	49.	2	0	0	0.00	318.04	517.66

CCHV= 0.300 CEHV= 0.500
*SECNO 1071.000

3470 ENCROACHMENT STATIONS= 490.0 540.0 TYPE= 1 TARGET= 50.000
DOWNSTREAM OF TELEGRAPH RD.

1071.00	10.17	608.37	0.00	0.00	608.63	0.25	0.26	0.09	603.10
1152.	51.	1071.	30.	43.	256.	31.	13.	6.	605.10
0.09	1.18	4.19	0.97	0.070	0.035	0.070	0.000	598.20	490.00
0.000661	800.	800.	800.	2	0	0	0.00	50.00	540.00

*SECNO 1120.000

1120.00	8.90	608.37	0.00	0.00	608.80	0.51	0.05	0.13	609.80
1152.	0.	1152.	0.	0.	202.	0.	13.	6.	609.60
0.09	0.00	5.70	0.00	0.070	0.035	0.070	0.000	599.40	400.00
0.002017	49.	49.	49.	2	0	0	0.00	24.00	424.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.14	2.63	0.00	24.00	0.00	145.00	0.00	599.90	599.90

*SECNO 1182.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
610.40	609.25	0.00	47.	1098.	145.	144.	605.90	609.60
1182.00	10.45	609.85	0.00	0.00	610.20	0.35	1.40	0.00	609.80
1152.	0.	1144.	8.	0.	239.	24.	13.	6.	609.60
0.10	0.06	4.78	0.35	0.070	0.035	0.070	0.000	599.40	393.70
0.001241	62.	62.	62.	2	0	3	0.00	107.32	501.02

*SECNO 1231.000

3470 ENCROACHMENT STATIONS= 370.0 660.0 TYPE= 1 TARGET= 290.000
UPSTREAM OF TELEGRAPH RD.

1231.00	12.08	610.28	0.00	0.00	610.31	0.04	0.01	0.09	603.10
1152.	328.	630.	194.	550.	313.	391.	14.	7.	605.10
0.11	0.60	2.01	0.50	0.070	0.035	0.070	0.000	598.20	370.00
0.000117	49.	49.	49.	2	0	0	0.00	290.00	660.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2131.000
3280 CROSS SECTION 2131.00 EXTENDED 0.38 FEET

2131.00	11.78	610.38	0.00	0.00	610.40	0.02	0.09	0.00	605.00
1152.	399.	496.	257.	1001.	315.	610.	47.	17.	605.30
0.38	0.40	1.57	0.42	0.070	0.035	0.070	0.000	598.60	0.00
0.000079	900.	900.	900.	2	0	0	0.00	751.11	751.11

*SECNO 3331.000
3280 CROSS SECTION 3331.00 EXTENDED 0.49 FEET

DOWNSTREAM OF FARM BRIDGE

3331.00	10.89	610.49	0.00	0.00	610.51	0.02	0.11	0.00	606.40
1152.	206.	461.	485.	459.	287.	1012.	98.	36.	605.90
0.74	0.45	1.60	0.48	0.070	0.035	0.070	0.000	599.60	293.33
0.000099	1200.	1200.	1200.	1	0	0	0.00	606.67	900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3380.000									
3280 CROSS SECTION	3380.00 EXTENDED		1.49 FEET						
3380.00	11.38	610.48	0.00	0.00	610.52	0.03	0.01	0.00	608.80
1152.	105.	627.	420.	234.	328.	860.	100.	37.	608.80
0.75	0.37	1.91	0.49	0.070	0.035	0.070	0.000	599.10	193.44
0.000154	49.	49.	49.	0	0	0	0.00	606.56	800.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3382.000									
3280 CROSS SECTION	3382.00 EXTENDED		1.51 FEET						
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 608.80 MAX ELLC= 608.80									
3382.00	11.41	610.51	0.00	0.00	610.52	0.01	0.00	0.01	608.80
1152.	180.	256.	717.	287.	211.	866.	100.	37.	608.80
0.76	0.63	1.21	0.83	0.070	0.035	0.070	0.000	599.10	192.16
0.000439	2.	2.	2.	2	0	0	-117.05	607.84	800.00
*SECNO 3390.000									
3280 CROSS SECTION	3390.00 EXTENDED		1.51 FEET						
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 608.50 MAX ELLC= 605.90									
3390.00	11.41	610.51	0.00	0.00	610.53	0.01	0.00	0.00	608.80
1152.	180.	255.	717.	288.	211.	867.	100.	37.	608.80
0.76	0.62	1.21	0.83	0.070	0.035	0.070	0.000	599.10	191.99
0.000438	8.	8.	8.	0	0	0	-117.05	608.01	800.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3392.000									
3280 CROSS SECTION	3392.00 EXTENDED		1.51 FEET						
3392.00	11.40	610.50	0.00	0.00	610.53	0.03	0.00	0.01	608.80
1152.	105.	625.	421.	287.	328.	865.	100.	37.	608.80
0.76	0.37	1.90	0.49	0.070	0.035	0.070	0.000	599.10	192.34
0.000152	2.	2.	2.	1	0	0	0.00	607.66	800.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3441.000
3280 CROSS SECTION 3441.00 EXTENDED 0.51 FEET

UPSTREAM OF FARM BRIDGE

3441.00	10.92	610.52	0.00	0.00	610.54	0.02	0.01	0.00	606.40
1152.	207.	459.	486.	463.	288.	1020.	102.	38.	605.90
0.77	0.45	1.59	0.48	0.070	0.035	0.070	0.000	599.60	291.82
0.000097	49.	49.	49.	0	0	0	0.00	608.18	900.00

*SECNO 3641.000
3280 CROSS SECTION 3641.00 EXTENDED 0.55 FEET

DOWNSTREAM OF DIRT RD.

3641.00	10.35	610.55	0.00	0.00	610.56	0.01	0.02	0.00	606.70
1152.	399.	349.	404.	801.	240.	801.	110.	40.	606.10
0.84	0.50	1.45	0.50	0.070	0.035	0.070	0.000	600.20	275.92
0.000087	200.	200.	200.	0	0	0	0.00	624.08	900.00

*SECNO 3690.000
3280 CROSS SECTION 3690.00 EXTENDED 0.52 FEET

3690.00	10.12	610.52	0.00	0.00	610.58	0.06	0.01	0.01	608.20
1152.	327.	351.	275.	432.	203.	419.	112.	41.	608.10
0.85	0.76	2.71	0.66	0.070	0.035	0.070	0.000	600.40	199.38
0.000387	49.	49.	49.	2	0	0	0.00	500.62	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3692.000
3280 CROSS SECTION 3692.00 EXTENDED 0.56 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.00 MAX ELLC= 605.70

3692.00	10.16	610.56	0.00	0.00	610.59	0.03	0.00	0.01	608.20
1152.	486.	324.	343.	439.	157.	387.	112.	41.	608.10
0.85	1.11	2.06	0.89	0.070	0.035	0.070	0.000	600.40	198.30
0.000812	2.	2.	2.	2	0	0	-89.75	501.70	700.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3703.000									
3280 CROSS SECTION	3703.00 EXTENDED		0.57 FEET						
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD=	607.80 MAX ELLC=	605.70							
3703.00	10.17	610.57	0.00	0.00	610.60	0.03	0.01	0.00	608.20
1152.	486.	323.	343.	441.	157.	389.	112.	41.	608.10
0.85	1.10	2.05	0.85	0.070	0.035	0.070	0.000	600.40	198.11
0.000805	11.	11.	11.	0	0	0	-89.75	501.89	700.00
CCHV= 0.100 CEHV=	0.300								
*SECNO 3705.000									
3280 CROSS SECTION	3705.00 EXTENDED		0.56 FEET						
3705.00	10.15	610.55	0.00	0.00	610.61	0.06	0.00	0.01	608.20
1152.	329.	544.	279.	440.	204.	430.	112.	41.	608.10
0.85	0.75	2.66	0.65	0.070	0.035	0.070	0.000	600.40	198.25
0.000372	2.	2.	2.	1	0	0	0.00	501.75	700.00
*SECNO 3754.000									
3280 CROSS SECTION	3754.00 EXTENDED		0.61 FEET						
UPSTREAM OF DIRT RD.									
3754.00	10.41	610.61	0.00	0.00	610.62	0.01	0.01	0.00	606.70
1152.	401.	345.	406.	815.	242.	824.	114.	42.	606.10
0.87	0.49	1.43	0.49	0.070	0.035	0.070	0.000	600.20	275.21
0.000084	49.	49.	49.	2	0	0	0.00	624.79	900.00
*SECNO 3854.000									
3280 CROSS SECTION	3854.00 EXTENDED		0.60 FEET						
DOWNSTREAM OF PRIVATE BRIDGE									
3854.00	10.70	610.60	0.00	0.00	610.64	0.04	0.01	0.01	608.00
1152.	149.	677.	326.	326.	328.	605.	117.	43.	606.50
0.89	0.46	2.66	0.54	0.070	0.035	0.070	0.000	599.90	316.02
0.000185	100.	100.	100.	2	0	0	0.00	483.98	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3903.000									
3280 CROSS SECTION	3903.00 EXTENDED		0.57 FEET						
3903.00	9.97	610.57	0.00	0.00	610.68	0.11	0.02	0.02	608.70
1152.	219.	647.	286.	300.	184.	403.	118.	44.	608.70
0.90	0.73	3.51	0.71	0.070	0.035	0.070	0.000	600.60	183.84
0.000656	49.	49.	49.	2	0	0	0.00	516.16	700.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3905.000									
3280 CROSS SECTION	3905.00 EXTENDED		0.66 FEET						
3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80									
3905.00	10.06	610.66	0.00	0.00	610.70	0.04	0.00	0.02	608.70
1152.	341.	362.	448.	319.	145.	429.	119.	44.	608.70
0.90	1.07	2.50	1.05	0.070	0.035	0.070	0.000	600.60	181.22
0.001317	2.	2.	2.	2	0	0	-41.72	518.78	700.00
*SECNO 3915.000									
3280 CROSS SECTION	3915.00 EXTENDED		0.67 FEET						
3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80									
3915.00	10.07	610.67	0.00	0.00	610.71	0.04	0.01	0.00	608.70
1152.	342.	360.	449.	321.	145.	431.	119.	44.	608.70
0.90	1.06	2.48	1.04	0.070	0.035	0.070	0.000	600.60	180.95
0.001297	10.	10.	10.	0	0	0	-41.74	519.05	700.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3917.000									
3280 CROSS SECTION	3917.00 EXTENDED		0.63 FEET						
3917.00	10.03	610.63	0.00	0.00	610.73	0.10	0.00	0.02	608.70
1152.	226.	630.	296.	314.	185.	421.	119.	44.	608.70
0.90	0.72	3.40	0.70	0.070	0.035	0.070	0.000	600.60	181.99
0.000608	2.	2.	2.	2	0	0	0.00	518.01	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3966.000									
3280 CROSS SECTION	3966.00 EXTENDED		0.72 FEET						
UPSTREAM OF PRIVATE BRIDGE									
3966.00	10.82	610.72	0.00	0.00	610.75	0.04	0.01	0.01	608.00
1152.	155.	662.	335.	347.	334.	635.	120.	44.	606.50
0.91	0.45	1.99	0.53	0.070	0.035	0.070	0.000	599.90	311.37
0.000168	49.	49.	49.	2	0	0	0.00	488.63	800.00
*SECNO 4466.000									
3280 CROSS SECTION	4466.00 EXTENDED		1.01 FEET						
DOWNSTREAM OF PENNSYLVANIA RD.									
4466.00	9.91	610.81	0.00	0.00	610.83	0.02	0.08	0.00	607.40
1152.	572.	467.	113.	1201.	275.	286.	138.	51.	608.00
1.05	0.48	1.70	0.40	0.070	0.035	0.070	0.000	600.90	0.00
0.000146	500.	500.	500.	2	0	0	0.00	700.00	700.00
*SECNO 4515.000									
3280 CROSS SECTION	4515.00 EXTENDED		2.12 FEET						
4515.00	9.52	610.82	0.00	0.00	610.84	0.02	0.01	0.00	608.30
1152.	510.	445.	197.	923.	253.	487.	140.	52.	608.70
1.07	0.55	1.76	0.40	0.070	0.035	0.070	0.000	601.30	0.00
0.000223	49.	49.	49.	0	0	0	0.00	800.00	800.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 4517.000									
3280 CROSS SECTION	4517.00 EXTENDED		2.12 FEET						
3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 608.70 MAX ELLC= 607.40									
4517.00	9.52	610.82	0.00	0.00	610.84	0.02	0.00	0.00	608.30
1152.	617.	314.	221.	668.	166.	346.	140.	52.	608.70
1.07	0.92	1.89	0.64	0.070	0.035	0.070	0.000	601.30	0.00
0.000941	2.	2.	2.	0	0	0	-483.80	800.00	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4568.000
3280 CROSS SECTION 4568.00 EXTENDED 2.16 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 609.60 MAX ELLC= 607.40

4568.00	9.57	610.87	0.00	0.00	610.89	0.02	0.05	0.00	608.30
1152.	617.	308.	227.	684.	168.	359.	141.	53.	608.70
1.08	0.90	1.84	0.63	0.070	0.035	0.070	0.000	601.30	0.00
0.000874	51.	51.	51.	1	0	0	-483.80	800.00	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4570.000
3280 CROSS SECTION 4570.00 EXTENDED 2.17 FEET

4570.00	9.57	610.87	0.00	0.00	610.89	0.02	0.00	0.00	608.30
1152.	512.	438.	202.	943.	256.	504.	141.	53.	608.70
1.08	0.54	1.71	0.40	0.070	0.035	0.070	0.000	601.30	0.00
0.000210	2.	2.	2.	0	0	0	0.00	800.00	800.00

*SECNO 4619.000
3280 CROSS SECTION 4619.00 EXTENDED 1.09 FEET

UPSTREAM OF PENNSYLVANIA RD.

4619.00	9.98	610.88	0.00	0.00	610.90	0.02	0.01	0.00	607.40
1152.	578.	458.	116.	1240.	278.	298.	143.	54.	608.00
1.10	0.47	1.65	0.39	0.070	0.035	0.070	0.000	600.90	0.00
0.000134	49.	49.	49.	1	0	0	0.00	700.00	700.00

*SECNO 5019.000

5019.00	8.59	610.89	0.00	0.00	611.03	0.14	0.10	0.04	604.50
1152.	315.	684.	153.	319.	179.	253.	155.	59.	605.00
1.14	0.99	3.82	0.60	0.070	0.035	0.070	0.000	602.30	272.58
0.000540	400.	400.	400.	2	0	0	0.00	516.61	789.19

*SECNO 5519.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 5519.00 EXTENDED 0.22 FEET

DOWNSTREAM OF PENNSYLVANIA RD.

5519.00	9.02	611.22	0.00	0.00	611.33	0.11	0.29	0.00	606.90
1152.	403.	745.	4.	412.	236.	23.	163.	64.	611.80
1.20	0.98	3.15	0.19	0.070	0.035	0.070	0.000	602.20	299.32
0.000632	500.	500.	500.	2	0	0	0.00	353.67	700.00

*SECNO 5568.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5568.00 EXTENDED 0.99 FEET

5568.00	9.80	611.00	606.10	0.00	611.50	0.50	0.05	0.12	611.10
1152.	4.	1107.	41.	17.	191.	66.	164.	65.	611.20
1.20	0.21	5.78	0.63	0.070	0.035	0.070	0.000	601.20	203.91
0.002232	49.	49.	49.	4	11	0	0.00	331.19	700.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5570.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5570.00 EXTENDED 0.85 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 610.80 MAX ELLC= 611.40

5570.00	9.65	610.85	606.09	0.00	611.66	0.81	0.01	0.15	611.10
1152.	0.	1101.	51.	1.	150.	48.	164.	65.	611.20
1.20	0.15	7.37	1.06	0.070	0.035	0.070	0.000	601.20	314.78
0.007915	2.	2.	2.	4	12	5	-38.94	175.98	700.00

*SECNO 5628.000

3280 CROSS SECTION 5628.00 EXTENDED 1.99 FEET

3301 HV CHANGED MORE THAN HVINS

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 611.10 MAX ELLC= 608.90									
5628.00	10.80	612.00	0.00	0.00	612.09	0.09	0.21	0.21	611.10
1152.	282.	554.	316.	314.	156.	299.	164.	65.	611.20
1.21	0.90	3.33	1.06	0.070	0.035	0.070	0.000	601.20	1.66
0.002123	58.	58.	58.	5	0	0	-45.00	698.34	700.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 5630.000									
3280 CROSS SECTION 5630.00 EXTENDED 1.95 FEET									
5630.00	10.75	611.95	0.00	0.00	612.11	0.16	0.00	0.02	611.10
1152.	167.	797.	189.	299.	211.	289.	164.	65.	611.20
1.21	0.56	3.78	0.65	0.070	0.035	0.070	0.000	601.20	9.27
0.000850	2.	2.	2.	2	0	0	0.00	690.73	700.00
*SECNO 5679.000									
3280 CROSS SECTION 5679.00 EXTENDED 1.09 FEET									
UPSTREAM OF PENNSYLVANIA RD.									
5679.00	9.89	612.09	0.00	0.00	612.14	0.05	0.02	0.01	606.90
1152.	467.	636.	50.	598.	275.	139.	165.	66.	611.80
1.22	0.78	2.31	0.36	0.070	0.035	0.070	0.000	602.20	272.11
0.000292	49.	49.	49.	2	0	0	0.00	427.89	700.00
*SECNO 6579.000									
3280 CROSS SECTION 6579.00 EXTENDED 0.90 FEET									
3470 ENCROACHMENT STATIONS= 365.0 470.0 TYPE= 1 TARGET= 105.000									
DOWNSTREAM OF BEECH DALY RD.									
6579.00	9.70	612.40	0.00	0.00	612.60	0.20	0.41	0.04	609.90
1152.	118.	854.	180.	101.	210.	136.	180.	72.	609.10
1.29	1.16	4.06	1.32	0.070	0.035	0.070	0.000	602.70	365.00
0.000822	900.	900.	900.	2	0	0	0.00	105.00	470.00
*SECNO 6628.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	CLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300
*SECNO 0.000

3470 ENCROACHMENT STATIONS= 335.0 525.0 TYPE= 1 TARGET= 190.000
DOWNSTREAM OF PENNSYLVANIA RD.

0.00	10.60	608.10	0.00	608.10	608.20	0.10	0.00	0.00	606.80
1360.	10.	1349.	1.	36.	537.	8.	0.	0.	607.60
0.00	0.28	2.51	0.14	0.070	0.035	0.070	0.000	597.50	335.00
0.000290	0.	0.	0.	0	0	0	0.00	176.25	511.25

*SECNO 49.000

3470 ENCROACHMENT STATIONS= 295.0 581.0 TYPE= 1 TARGET= 286.000

49.00	10.06	603.16	0.00	608.16	608.21	0.06	0.01	0.00	607.00
1360.	12.	1305.	43.	51.	674.	114.	1.	0.	606.30
0.01	0.20	1.94	0.37	0.070	0.035	0.070	0.000	598.10	295.00
0.000168	49.	49.	49.	2	0	0	0.00	270.69	565.69

CCHV= 0.300 CEHV= 0.500
*SECNO 51.000
3700. BRIDGE STENCL= 295.00 STENCR= 581.00

3370 NORMAL BRIDGE/NRD= 10 MIN ELTRD= 607.00 MAX ELLC= 613.00

3470 ENCROACHMENT STATIONS= 295.0 581.0 TYPE= 1 TARGET= 286.000

51.00	10.11	608.11	0.00	608.12	608.26	0.15	0.00	0.05	607.00
1360.	47.	1132.	181.	57.	338.	111.	1.	0.	606.30
0.01	0.82	3.35	1.62	0.070	0.035	0.070	0.000	598.10	295.00
0.003251	2.	2.	2.	8	0	0	-332.41	269.91	564.91

*SECNO 220.000

3370 NORMAL BRIDGE/NRD= 10 MIN ELTRD= 608.20 MAX ELLC= 616.40

3470 ENCROACHMENT STATIONS= 349.0 546.0 TYPE= 1 TARGET= 197.000

220.00	10.58	608.68	0.00	609.60	608.79	0.11	0.52	0.01	607.00
1360.	31.	1012.	267.	62.	357.	134.	3.	1.	606.30
0.03	1.30	2.84	2.00	0.070	0.035	0.070	0.000	598.10	349.00
0.002874	169.	169.	169.	3	0	0	-364.98	197.00	546.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 222.000

3470 ENCROACHMENT STATIONS= 350.0 545.0 TYPE= 1 TARGET= 195.000

222.00	10.65	608.75	0.00	608.63	608.80	0.05	0.00	0.01	607.00
1360.	18.	1284.	58.	65.	728.	136.	3.	1.	606.30
0.03	0.28	1.76	0.43	0.070	0.035	0.070	0.000	598.10	350.00
0.000126	2.	2.	2.	2	0	0	0.00	195.00	545.00

*SECNO 271.000

3470 ENCROACHMENT STATIONS= 340.0 515.0 TYPE= 1 TARGET= 175.000
UPSTREAM OF PENNSYLVANIA RD.

271.00	11.24	608.74	0.00	608.61	608.81	0.08	0.01	0.01	606.80
1360.	27.	1325.	8.	74.	588.	30.	4.	1.	607.60
0.03	0.36	2.25	0.27	0.070	0.035	0.070	0.000	597.50	340.00
0.000207	49.	49.	49.	2	0	0	0.00	175.00	515.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1071.000

3470 ENCROACHMENT STATIONS= 490.0 540.0 TYPE= 1 TARGET= 50.000
DOWNSTREAM OF TELEGRAPH RD.

1071.00	10.70	608.90	0.00	608.79	609.21	0.31	0.28	0.12	603.10
1360.	64.	1256.	40.	48.	272.	36.	13.	3.	605.10
0.08	1.32	4.62	1.12	0.070	0.035	0.070	0.000	598.20	490.00
0.000743	800.	800.	800.	2	0	0	0.00	50.00	540.00

*SECNO 1120.000

3470 ENCROACHMENT STATIONS= 400.0 424.0 TYPE= 1 TARGET= 24.000

1120.00	9.41	608.81	0.00	608.69	609.43	0.63	0.06	0.16	609.80
1360.	0.	1360.	0.	0.	214.	0.	14.	3.	100000.00
0.09	0.00	6.35	0.00	0.070	0.035	0.070	0.000	599.40	400.00
0.002394	49.	49.	49.	2	0	0	0.00	24.00	424.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.14	2.63	0.00	24.00	0.00	145.00	0.00	599.90	599.90

*SECNO 1182.000
3700. BRIDGE STENCL= 395.00 STENCR= 505.00
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	A3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.73	609.87	0.00	213.	1145.	145.	144.	605.90	609.60

3470 ENCROACHMENT STATIONS=			395.0	505.0	TYPE=	1	TARGET=	110.000	
1182.00	11.09	610.49	0.00	610.34	610.88	0.39	1.45	0.00	609.80
1360.	2.	1303.	55.	3.	255.	75.	14.	4.	609.60
0.09	0.54	5.12	0.73	0.070	0.035	0.070	0.000	599.40	395.00
0.001309	62.	62.	62.	2	0	3	0.00	110.00	505.00

*SECNO 1231.000

3470 ENCROACHMENT STATIONS=			410.0	620.0	TYPE=	1	TARGET=	210.000	
UPSTREAM OF TELEGRAPH RD.									
1231.00	12.74	610.94	0.00	610.83	611.00	0.05	0.02	0.10	603.10
1360.	336.	780.	244.	455.	333.	370.	15.	4.	605.10
0.10	0.74	2.34	0.66	0.070	0.035	0.070	0.000	598.20	410.00
0.000146	49.	49.	49.	2	0	0	0.00	210.00	620.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2131.000
2800 NAT Q1= 1607.47 WSEL= 610.94 ENC Q1= 1607.47 WSEL= 611.04 RATIO= 0.0000
NAT Q1= 1667. RATIOS LOB/CH/ROB= 0.3868 0.3764 0.2368 WSEL= 611.04
3280 CROSS SECTION 2131.00 EXTENDED 1.07 FEET

3470 ENCROACHMENT STATIONS=			128.0	692.9	TYPE=	4	TARGET=	0.036	
2131.00	12.47	611.07	0.00	610.94	611.09	0.02	0.09	0.00	605.00
1360.	522.	528.	309.	1206.	339.	661.	50.	12.	605.30
0.38	0.43	1.56	0.47	0.070	0.035	0.070	0.000	595.60	127.95
0.000070	900.	900.	900.	2	0	0	0.00	564.93	692.88

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3331.000
2800 NAT Q1= 1429.47 WSEL= 611.04 ENC Q1= 1429.47 WSEL= 611.14 RATIO= 0.0000
NAT Q1= 1477. RATIOS LOB,CH,ROB= 0.1982 0.3557 0.4461 WSEL= 611.14
3280 CROSS SECTION 3331.00 EXTENDED 1.16 FEET

3470 ENCROACHMENT STATIONS= 369.2 939.6 TYPE= 4 TARGET= 0.032
DOWNSTREAM OF FARM BRIDGE

3331.00	11.57	611.17	0.00	611.04	611.18	0.02	0.09	0.00	606.40
1360.	256.	498.	606.	502.	311.	1166.	107.	26.	605.90
0.75	0.51	1.60	0.52	0.070	0.035	0.070	0.000	599.60	369.15
0.000089	1200.	1200.	1200.	0	0	0	0.00	470.48	839.63

*SECNO 3380.000
2800 NAT Q1= 1176.12 WSEL= 611.03 ENC Q1= 1176.12 WSEL= 611.13 RATIO= 0.0000
NAT Q1= 1222. RATIOS LOB,CH,ROB= 0.1234 0.4716 0.4050 WSEL= 611.13
3280 CROSS SECTION 3380.00 EXTENDED 2.17 FEET

3470 ENCROACHMENT STATIONS= 271.1 770.9 TYPE= 4 TARGET= 0.038

3380.00	12.06	611.16	0.00	611.03	611.19	0.03	0.01	0.00	608.80
1360.	149.	662.	549.	329.	356.	1038.	109.	27.	608.80
0.76	0.45	1.86	0.53	0.070	0.035	0.070	0.000	599.10	271.10
0.000130	49.	49.	49.	0	0	0	0.00	499.84	770.94

CCHV= 0.300 CEHV= 0.500
*SECNO 3382.000
3700. BRIDGE STENCL= 230.00 STENCR= 750.00
3280 CROSS SECTION 3382.00 EXTENDED 2.18 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 618.80 MAX ELLC= 618.80

3470 ENCROACHMENT STATIONS= 230.0 750.0 TYPE= 1 TARGET= 520.000

3382.00	12.08	611.18	0.00	611.06	611.20	0.01	0.00	0.00	608.80
1360.	265.	267.	828.	392.	240.	994.	110.	27.	608.80
0.76	0.67	1.11	0.83	0.070	0.035	0.070	0.000	599.10	230.00
0.000316	2.	2.	2.	2	0	0	-117.05	520.00	750.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 3390.000										
3280 CROSS SECTION	3390.00 EXTENDED		2.19 FEET							
3370 NORMAL BRIDGE,NRD=	4 MIN ELTRD=	608.50 MAX ELLC=	605.90							
3470 ENCROACHMENT STATIONS=		230.0	750.0	TYPE=	1	TARGET=	520.000			
3390.00	12.09	611.19	0.00	611.06	611.20	0.01	0.00	0.00	608.80	
1360.	265.	267.	828.	392.	240.	994.	110.	27.	608.80	
0.76	0.67	1.11	0.83	0.070	0.035	0.070	0.000	599.10	230.00	
0.000315	8.	8.	8.	0	0	0	-117.05	520.00	750.00	
CCHV= 0.100 CEHV= 0.300										
*SECNO 3392.000										
2800 NAT Q1=	1182.64	WSEL=	611.05	ENC Q1=	1182.64	WSEL=	611.15	RATIO=	0.0000	
NAT Q1=	1229.	RATIOS LOB,CH,ROB=	0.1241	0.4702	0.4057	WSEL=	611.15			
3280 CROSS SECTION	3392.00 EXTENDED		2.18 FEET							
3470 ENCROACHMENT STATIONS=		270.5	771.0	TYPE=	4	TARGET=	0.038			
3392.00	12.08	611.18	0.00	611.05	611.20	0.03	0.00	0.00	608.80	
1360.	150.	660.	550.	332.	357.	1042.	110.	27.	608.80	
0.76	0.45	1.85	0.53	0.070	0.035	0.070	0.000	599.10	270.46	
0.000129	2.	2.	2.	1	0	0	0.00	500.56	771.01	
*SECNO 3441.000										
2800 NAT Q1=	1436.27	WSEL=	611.07	ENC Q1=	1436.27	WSEL=	611.17	RATIO=	0.0000	
NAT Q1=	1493.	RATIOS LOB,CH,ROB=	0.1991	0.3539	0.4470	WSEL=	611.17			
3280 CROSS SECTION	3441.00 EXTENDED		1.19 FEET							
3470 ENCROACHMENT STATIONS=		374.3	833.7	TYPE=	4	TARGET=	0.038			
UPSTREAM OF FARM BRIDGE										
3441.00	11.59	611.19	0.00	611.07	611.21	0.02	0.01	0.00	606.40	
1360.	255.	499.	606.	495.	311.	1162.	112.	27.	605.90	
0.76	0.52	1.60	0.52	0.070	0.035	0.070	0.000	599.60	374.34	
0.000038	49.	49.	49.	1	0	0	0.00	459.39	833.73	

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*SECNO 3641.000
 2300 NAT Q1=    1495.14  WSEL=     611.09  ENC Q1=    1495.14  WSEL=     611.19  RATIO=  0.0000
 NAT Q1=    1547.  RATIOS LOB,CH,ROB=  0.3556  0.2741  0.3703  WSEL=     611.19
3280 CROSS SECTION    3641.00 EXTENDED       1.21 FEET

3470 ENCROACHMENT STATIONS=      310.3      807.0  TYPE=      4  TARGET=       0.034
          DOWNSTREAM OF DIRT RD.
  3641.00     11.01    611.21      0.00    611.09    611.23      0.01      0.02      0.00    606.70
    1360.      477.      385.      498.      881.      260.      934.      121.       29.     606.10
     0.85      0.54      1.48      0.53     0.070     0.035     0.070     0.000    600.20    310.28
 0.000082       200.      200.      200.         0         0         0      0.00    496.74    807.02

*SECNO 3690.000
3280 CROSS SECTION    3690.00 EXTENDED       1.21 FEET

3470 ENCROACHMENT STATIONS=      200.0      700.0  TYPE=      1  TARGET=      500.000
  3690.00     10.90    611.20      0.00    611.07    611.24      0.04      0.01      0.01    608.20
    1360.      426.      535.      399.      570.      220.      609.      123.       30.     608.10
     0.86      0.75      2.43      0.66     0.070     0.035     0.070     0.000    600.40    200.00
 0.000281       49.       49.       49.         1         0         0      0.00    500.00    700.00

CCHV=   0.300 CEHV=   0.500
*SECNO 3692.000
     3700.   BRIDGE STENCL=     200.00     STENCR=     700.00
3280 CROSS SECTION    3692.00 EXTENDED       1.23 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD=   607.00 MAX ELLC=   605.70

3470 ENCROACHMENT STATIONS=      200.0      700.0  TYPE=      1  TARGET=      500.000
  3692.00     10.83    611.23      0.00    611.10    611.25      0.02      0.00      0.01    608.20
    1360.      580.      301.      479.      573.      173.      572.      123.       30.     608.10
     0.86      1.11      1.74      0.84     0.070     0.035     0.070     0.000    600.40    200.00
 0.000509         2.        2.        2.         8         0         0    -89.75    500.00    700.00

*SECNO 3703.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOE	ACH	ARCB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

3280 CROSS SECTION 3703.00 EXTENDED 1.23 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.80 MAX ELLC= 605.70

3470 ENCROACHMENT STATIONS= 200.0 700.0 TYPE= 1 TARGET= 500.000

3703.00	10.83	611.23	0.00	611.11	611.26	0.02	0.01	0.00	608.20
1360.	580.	301.	479.	574.	173.	573.	124.	30.	608.10
0.86	1.01	1.74	0.84	0.070	0.035	0.070	0.000	600.40	200.00
0.000507	11.	11.	11.	0	0	0	-89.75	500.00	700.00

CCHV= 0.100 CEHV= 0.300

*SECNO 3705.000

3280 CROSS SECTION 3705.00 EXTENDED 1.23 FEET

3470 ENCROACHMENT STATIONS= 200.0 700.0 TYPE= 1 TARGET= 500.000

3705.00	10.82	611.22	0.00	611.09	611.26	0.04	0.00	0.01	608.20
1360.	427.	532.	401.	573.	220.	614.	124.	30.	608.10
0.86	0.74	2.41	0.65	0.070	0.035	0.070	0.000	600.40	200.00
0.000276	2.	2.	2.	1	0	0	0.00	500.00	700.00

*SECNO 3754.000

3280 CROSS SECTION 3754.00 EXTENDED 1.25 FEET

3470 ENCROACHMENT STATIONS= 280.0 750.0 TYPE= 1 TARGET= 470.000

UPSTREAM OF DIRT RD.

3754.00	11.06	611.26	0.00	611.14	611.27	0.01	0.01	0.00	606.70
1360.	498.	380.	482.	955.	262.	880.	126.	31.	606.10
0.88	0.52	1.45	0.55	0.070	0.035	0.070	0.000	600.20	280.00
0.000078	49.	49.	49.	1	0	0	0.00	470.00	750.00

*SECNO 3854.000

3280 CROSS SECTION 3854.00 EXTENDED 1.25 FEET

3470 ENCROACHMENT STATIONS= 310.0 736.0 TYPE= 1 TARGET= 426.000

DOWNSTREAM OF PRIVATE BRIDGE

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3854.00	11.35	611.25	0.00	611.13	611.29	0.04	0.01	0.01	608.00
1360.	226.	734.	400.	449.	358.	650.	130.	32.	606.50
0.90	0.50	2.05	0.62	0.070	0.035	0.070	0.000	599.90	310.00
0.000162	100.	100.	100.	2	0	0	0.00	426.00	736.00

*SECNO 3903.000
3280 CROSS SECTION 3903.00 EXTENDED 1.25 FEET

3470 ENCROACHMENT STATIONS= 200.0 700.0 TYPE= 1 TARGET= 500.000

3903.00	10.64	611.24	0.00	611.12	611.31	0.07	0.01	0.01	608.70
1360.	326.	596.	439.	433.	198.	595.	131.	32.	608.70
0.90	0.75	3.00	0.74	0.070	0.035	0.070	0.000	600.60	200.00
0.000433	49.	49.	49.	1	0	0	0.00	500.00	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3905.000
3700. BRIDGE STENCL= 200.00 STENCR= 700.00
3280 CROSS SECTION 3905.00 EXTENDED 1.30 FEET

3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80

3470 ENCROACHMENT STATIONS= 200.0 700.0 TYPE= 1 TARGET= 500.000

3905.00	10.70	611.30	0.00	611.18	611.32	0.03	0.00	0.01	608.70
1360.	444.	317.	599.	442.	158.	608.	131.	32.	608.70
0.90	1.00	2.00	0.99	0.070	0.035	0.070	0.000	600.60	200.00
0.000752	2.	2.	2.	8	0	0	-40.95	500.00	700.00

*SECNO 3915.000
3280 CROSS SECTION 3915.00 EXTENDED 1.30 FEET

3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80

3470 ENCROACHMENT STATIONS= 176.0 700.0 TYPE= 1 TARGET= 523.990

3915.00	10.71	611.31	0.00	611.19	611.33	0.03	0.01	0.00	608.70
1360.	453.	314.	594.	464.	159.	609.	132.	32.	608.70
0.91	0.97	1.98	0.97	0.070	0.035	0.070	0.000	600.60	176.51
0.000734	10.	10.	10.	0	0	0	-40.95	523.99	700.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 3917.000
3280 CROSS SECTION 3917.00 EXTENDED 1.28 FEET

3470 ENCROACHMENT STATIONS=			176.0	700.0	TYPE=	1	TARGET=	524.000	
3917.00	10.68	611.28	0.00	611.16	611.34	0.06	0.00	0.01	608.70
1360.	335.	586.	439.	459.	199.	603.	132.	32.	608.70
0.91	0.73	2.94	0.73	0.070	0.035	0.070	0.000	600.60	176.00
0.000415	2.	2.	2.	2	0	0	0.00	524.00	700.00

*SECNO 3966.000
3280 CROSS SECTION 3966.00 EXTENDED 1.32 FEET

3470 ENCROACHMENT STATIONS=			275.0	775.0	TYPE=	1	TARGET=	500.000	
UPSTREAM OF PRIVATE BRIDGE									
3966.00	11.42	611.32	0.00	611.21	611.36	0.03	0.01	0.00	608.00
1360.	223.	707.	429.	467.	361.	748.	133.	33.	606.50
0.92	0.48	1.96	0.57	0.070	0.035	0.070	0.000	599.90	289.79
0.000147	49.	49.	49.	1	0	0	0.00	485.21	775.00

*SECNO 4466.000
3280 CROSS SECTION 4466.00 EXTENDED 1.41 FEET

3470 ENCROACHMENT STATIONS=			80.0	615.0	TYPE=	1	TARGET=	535.000	
DOWNSTREAM OF PENNSYLVANIA RD.									
4466.00	10.51	611.41	0.00	611.30	611.43	0.02	0.07	0.00	607.40
1360.	728.	522.	110.	1342.	300.	217.	153.	39.	608.00
1.06	0.54	1.74	0.51	0.070	0.035	0.070	0.000	600.90	80.00
0.000136	500.	500.	500.	2	0	0	0.00	535.00	615.00

*SECNO 4515.000
3280 CROSS SECTION 4515.00 EXTENDED 1.42 FEET

3470 ENCROACHMENT STATIONS=			100.0	600.0	TYPE=	1	TARGET=	500.000	
4515.00	10.11	611.41	0.00	611.31	611.44	0.03	0.01	0.00	608.30
1360.	596.	550.	214.	880.	280.	366.	155.	39.	608.70
1.07	0.68	1.97	0.58	0.070	0.035	0.070	0.000	601.30	100.00
0.000246	49.	49.	49.	3	0	0	0.00	500.00	600.00

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    SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

CCHV=   0.300 CEHV=   0.500
*SECNO 4517.000
     3700.   BRIDGE STENCL=    100.00    STENCR=    600.00
3280 CROSS SECTION    4517.00 EXTENDED       1.42 FEET

3370 NORMAL BRIDGE,NRD=  6 MIN ELTRD=  608.70 MAX ELLC=  607.40

3470 ENCROACHMENT STATIONS=     100.0     600.0  TYPE=     1  TARGET=     500.000

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS    494.00    600.00
  4517.00     10.12    611.42      0.00    611.31    611.44      0.02      0.00      0.00    608.30
   1360.       771.       321.      269.       778.      193.      321.       155.       39.     608.70
    1.37       0.99       1.66      0.84     0.070     0.035     0.070     0.000    601.30    100.00
0.000598         2.         2.         2.         8         0         0   -237.20    500.00    600.00

*SECNO 4568.000
3280 CROSS SECTION    4568.00 EXTENDED       1.44 FEET

3370 NORMAL BRIDGE,NRD=  6 MIN ELTRD=  609.60 MAX ELLC=  607.40

3470 ENCROACHMENT STATIONS=     100.0     600.0  TYPE=     1  TARGET=     500.000

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS    494.00    600.00
  4568.00     10.15    611.45      0.00    611.34    611.47      0.02      0.03      0.00    608.30
   1360.       771.       319.      270.       784.      194.      324.       156.       40.     608.70
    1.08       0.98       1.65      0.83     0.070     0.035     0.070     0.000    601.30    100.00
0.000583         51.        51.        51.         0         0         0   -237.20    500.00    600.00

CCHV=   0.100 CEHV=   0.300
*SECNO 4570.000
3280 CROSS SECTION    4570.00 EXTENDED       1.45 FEET

3470 ENCROACHMENT STATIONS=     100.0     600.0  TYPE=     1  TARGET=     500.000
  4570.00     10.15    611.45      0.00    611.34    611.48      0.03      0.00      0.00    608.30
   1360.       598.       546.      216.       891.      281.      372.       157.       40.     608.70
    1.08       0.67       1.94      0.58     0.070     0.035     0.070     0.000    601.30    100.00
0.000237         2.         2.         2.         8         0         0      0.00    500.00    600.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4619.000
2800 NAT Q1= 1239.53 WSEL= 611.35 ENC Q1= 1239.53 WSEL= 611.45 RATIO= 0.0000
NAT Q1= 1293. RATIOS LOB,CH,ROB= 0.5337 0.3491 0.1172 WSEL= 611.45
3280 CROSS SECTION 4619.00 EXTENDED 1.66 FEET

3470 ENCROACHMENT STATIONS= 45.4 649.6 TYPE= 4 TARGET= 0.041
UPSTREAM OF PENNSYLVANIA RD.

4619.00	10.57	611.47	0.00	611.35	611.49	0.02	0.01	0.00	607.40
1360.	729.	494.	137.	1442.	302.	299.	159.	41.	608.00
1.10	0.51	1.63	0.46	0.070	0.035	0.070	0.000	600.90	45.40
0.000119	49.	49.	49.	1	0	0	0.00	604.21	649.61

*SECNO 5019.000
3280 CROSS SECTION 5019.00 EXTENDED 0.48 FEET

3470 ENCROACHMENT STATIONS= 340.0 735.0 TYPE= 1 TARGET= 395.000

5019.00	9.18	611.48	0.00	611.36	611.60	0.11	0.08	0.03	604.50
1360.	401.	705.	255.	401.	192.	364.	172.	45.	605.00
1.14	1.00	3.67	0.70	0.070	0.035	0.070	0.000	602.30	340.00
0.000454	400.	400.	400.	2	0	0	0.00	395.00	735.00

*SECNO 5519.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5519.00 EXTENDED 0.76 FEET

3470 ENCROACHMENT STATIONS= 280.0 675.0 TYPE= 1 TARGET= 395.000
DOWNSTREAM OF PENNSYLVANIA RD.

5519.00	9.56	611.76	0.00	611.65	611.85	0.09	0.25	0.00	606.90
1360.	533.	600.	27.	524.	260.	69.	183.	50.	611.80
1.21	1.02	3.08	0.39	0.070	0.035	0.070	0.000	602.20	282.58
0.000557	500.	500.	500.	2	0	0	0.00	370.43	675.00

*SECNO 5568.000
3280 CROSS SECTION 5568.00 EXTENDED 1.59 FEET

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		230.0	700.0	TYPE=	1	TARGET=	470.000		
5568.00	10.39	611.59	0.00	611.45	611.99	0.40	0.05	0.09	611.10
1360.	86.	1128.	146.	118.	203.	188.	183.	50.	611.20
1.21	0.73	5.55	0.78	0.070	0.035	0.070	0.000	601.20	230.00
0.001913	49.	49.	49.	2	0	0	0.00	470.00	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5570.000
3700. BRIDGE STENCL= 220.89 STENCR= 700.00
3280 CROSS SECTION 5570.00 EXTENDED 1.82 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 610.80 MAX ELLC= 611.40

3470 ENCROACHMENT STATIONS=		220.9	700.0	TYPE=	1	TARGET=	479.110		
5570.00	10.62	611.82	0.00	611.46	612.05	0.22	0.01	0.05	611.10
1360.	222.	786.	352.	164.	163.	251.	184.	50.	611.20
1.21	1.35	4.83	1.40	0.070	0.035	0.070	0.000	601.20	220.89
0.004534	2.	2.	2.	6	0	0	-45.00	479.11	700.00

*SECNO 5628.000
3280 CROSS SECTION 5628.00 EXTENDED 2.15 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 611.10 MAX ELLC= 608.90

3470 ENCROACHMENT STATIONS=		200.0	660.0	TYPE=	1	TARGET=	460.000		
5628.00	10.94	612.14	0.00	612.16	612.29	0.14	0.22	0.02	611.10
1360.	334.	690.	335.	247.	169.	263.	184.	51.	611.20
1.22	1.36	4.08	1.28	0.070	0.035	0.070	0.000	601.20	200.00
0.003103	58.	58.	58.	2	0	0	-45.00	460.00	660.00

CCHV= 0.100 CEHV= 0.300
*SECNO 5630.000
3280 CROSS SECTION 5630.00 EXTENDED 2.08 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=				190.0	650.0	TYPE=	1	TARGET=	460.000	
5630.00	10.88	612.08	0.00	612.10	612.32	0.24	0.00	0.03	611.10	
1360.	201.	985.	174.	243.	213.	229.	184.	51.	611.20	
1.22	0.83	4.62	0.76	0.070	0.035	0.070	0.000	601.20	190.00	
0.001250	2.	2.	2.	2	0	0	0.00	460.00	650.00	
*SECNO 5679.000										
3280 CROSS SECTION	5679.00 EXTENDED			1.31 FEET						
3470 ENCROACHMENT STATIONS=				267.0	698.0	TYPE=	1	TARGET=	431.000	
UPSTREAM OF PENNSYLVANIA RD.										
5679.00	10.11	612.31	0.00	612.25	612.37	0.06	0.03	0.02	606.90	
1360.	562.	724.	73.	648.	284.	170.	185.	51.	611.80	
1.22	0.87	2.55	0.43	0.070	0.035	0.070	0.000	602.20	267.00	
0.000338	49.	49.	49.	2	0	0	0.00	431.00	698.00	
*SECNO 6579.000										
2800 NAT Q1=	429.41	WSEL=	612.62	ENC Q1=	429.41	WSEL=	612.72	RATIO=	0.0000	
NAT Q1=	957.	RATIOS LOB,CH,ROB=	0.1954	0.3361	0.4685	WSEL=	612.72			
3280 CROSS SECTION	6579.00 EXTENDED			1.18 FEET						
3470 ENCROACHMENT STATIONS=				400.0	485.0	TYPE=	4	TARGET=	0.551	
DOWNSTREAM OF BEECH DALY RD.										
6579.00	9.98	612.68	0.00	612.62	612.93	0.26	0.51	0.06	609.90	
1360.	0.	1010.	350.	0.	219.	208.	201.	57.	609.10	
1.29	0.00	4.62	1.69	0.070	0.035	0.070	0.000	602.70	400.00	
0.001116	900.	900.	900.	2	0	0	0.00	84.98	484.98	
*SECNO 6628.000										
2800 NAT Q1=	415.09	WSEL=	612.67	ENC Q1=	425.43	WSEL=	612.77	RATIO=	-0.0249	
NAT Q1=	426.	RATIOS LOB,CH,ROB=	0.0010	0.9989	0.0000	WSEL=	612.77			
3470 ENCROACHMENT STATIONS=				300.0	365.0	TYPE=	4	TARGET=	0.001	
6628.00	10.34	612.74	0.00	612.67	612.99	0.25	0.05	0.00	613.40	
1360.	0.	1360.	0.	0.	341.	0.	202.	57.	613.10	
1.29	0.00	3.99	0.00	0.070	0.035	0.070	0.000	602.40	302.42	
0.001038	49.	49.	49.	1	0	0	0.00	61.52	363.94	

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

CCHV= 0.300 CEHV= 0.500
*SECNO 6630.000
3700. BRIDGE STENCL= 250.00 STENCR= 362.00

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 613.40

3470 ENCROACHMENT STATIONS= 250.0 362.0 TYPE= 1 TARGET= 112.000

5630.00	10.19	612.59	0.00	612.51	613.14	0.55	0.00	0.15	613.40
1360.	C.	1360.	0.	1.	228.	0.	202.	57.	100000.00
1.29	0.40	5.97	C.00	C.070	0.C35	0.070	0.000	602.40	250.00
0.008514	2.	2.	2.	9	0	0	-103.93	68.58	362.00

*SECNO 6702.000
3280 CROSS SECTION 6702.00 EXTENDED 0.52 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 610.00

3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000

6702.00	11.12	613.52	0.00	613.51	613.87	0.35	0.66	0.06	613.40
1360.	75.	1210.	74.	45.	243.	46.	202.	57.	613.10
1.30	1.67	4.98	1.60	C.070	0.C35	0.070	0.000	602.40	235.00
0.009913	72.	72.	72.	5	0	0	-147.74	200.00	435.00

CCHV= 0.100 CEHV= 0.300
*SECNO 6784.000
3280 CROSS SECTION 6784.00 EXTENDED 0.73 FEET

3470 ENCROACHMENT STATIONS= 265.0 450.0 TYPE= 1 TARGET= 185.000

6784.00	11.33	613.73	0.00	613.72	613.89	0.16	0.00	0.02	613.40
1360.	9.	1315.	36.	24.	405.	75.	202.	57.	613.10
1.30	0.39	3.25	0.47	C.070	0.035	0.070	0.000	602.40	265.00
0.000587	2.	2.	2.	2	0	0	0.00	185.00	450.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	FV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 6753.000									
3280 CROSS SECTION	6753.00 EXTENDED		2.39 FEET						
3470 ENCROACHMENT STATIONS=		270.0	565.0	TYPE=	1	TARGET=	295.000		
UPSTREAM OF BEECH DALY RD.									
6753.00	11.19	613.89	0.00	613.88	613.91	0.03	0.01	0.01	609.90
1360.	365.	498.	497.	549.	256.	676.	203.	57.	609.10
1.31	0.67	1.94	0.73	0.070	0.035	0.070	0.000	602.70	270.00
0.000144	49.	49.	49.	2	0	0	0.00	295.00	565.00
*SECNO 7753.000									
3470 ENCROACHMENT STATIONS=		40.0	930.0	TYPE=	1	TARGET=	890.000		
7753.00	11.32	614.02	0.00	614.01	614.03	0.02	0.12	0.00	609.60
1360.	367.	517.	476.	976.	311.	1028.	247.	71.	610.40
1.62	0.38	1.67	0.46	0.070	0.035	0.070	0.000	602.70	40.00
0.000101	1000.	1000.	1000.	2	0	0	0.00	890.00	930.00
*SECNO 8453.000									
3280 CROSS SECTION	8453.00 EXTENDED		0.30 FEET						
3470 ENCROACHMENT STATIONS=		360.0	897.0	TYPE=	1	TARGET=	537.000		
8453.00	10.41	614.11	0.00	614.09	614.16	0.05	0.11	0.01	610.90
1360.	191.	633.	537.	272.	238.	775.	276.	82.	610.00
1.74	0.70	2.66	0.69	0.070	0.035	0.070	0.000	603.70	360.00
0.000304	700.	700.	700.	2	0	0	0.00	537.00	897.00
*SECNO 8953.000									
3470 ENCROACHMENT STATIONS=		337.0	845.0	TYPE=	1	TARGET=	508.000		
8953.00	8.99	614.29	0.00	614.28	614.35	0.07	0.19	0.00	612.50
1360.	134.	608.	569.	258.	207.	681.	290.	88.	612.20
1.82	0.71	2.94	0.84	0.070	0.035	0.070	0.000	605.30	337.00
0.000484	500.	500.	500.	2	0	0	0.00	508.00	845.00
*SECNO 10300.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 10300.00 EXTENDED 1.25 FEET

DOWNSTREAM OF FARM BRIDGE

10300.00	8.45	614.75	0.00	614.75	614.77	0.02	0.42	0.00	613.70
1360.	669.	377.	314.	1074.	203.	661.	337.	109.	613.20
2.22	0.62	1.86	0.47	0.070	0.035	0.070	0.000	606.30	0.00
0.000214	1347.	1347.	1347.	2	0	0	0.00	800.00	800.00

*SECNO 10349.000
3280 CROSS SECTION 10349.00 EXTENDED 0.77 FEET

3470 ENCROACHMENT STATIONS= 35.0 795.0 TYPE= 1 TARGET= 760.000

10349.00	8.36	614.76	0.00	614.76	614.78	0.02	0.01	0.00	612.40
1360.	381.	796.	184.	830.	544.	558.	340.	109.	612.80
2.23	0.46	1.46	0.33	0.070	0.035	0.070	0.000	606.40	35.00
0.000125	49.	49.	49.	1	0	0	0.00	760.00	795.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10351.000
3700. BRIDGE STENCL= 15.00 STENCR= 785.00
3280 CROSS SECTION 10351.00 EXTENDED 0.75 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.50 MAX ELLC= 614.00

3470 ENCROACHMENT STATIONS= 15.0 785.0 TYPE= 1 TARGET= 770.000

10351.00	8.35	614.75	0.00	614.75	614.79	0.04	0.00	0.01	612.40
1360.	412.	820.	128.	696.	430.	346.	340.	109.	612.80
2.23	0.59	1.93	0.37	0.070	0.035	0.070	0.000	606.40	15.00
0.001249	2.	2.	2.	5	0	0	-469.70	770.00	785.00

*SECNO 10364.000
3280 CROSS SECTION 10364.00 EXTENDED 0.76 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.40 MAX ELLC= 613.40

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=			15.0	785.0	TYPE=	1	TARGET=	770.000	
10364.00	8.37	614.77	0.00	614.77	614.81	0.04	0.02	0.00	612.40
1360.	413.	818.	129.	699.	431.	349.	340.	110.	612.80
2.24	0.59	1.90	0.37	0.070	0.035	0.070	0.000	606.40	15.00
0.001235	13.	13.	13.	0	0	0	-469.70	770.00	785.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10366.000
3280 CROSS SECTION 10366.00 EXTENDED 0.78 FEET

3470 ENCROACHMENT STATIONS=			25.0	775.0	TYPE=	1	TARGET=	750.000	
10366.00	8.39	614.79	0.00	614.78	614.81	0.02	0.00	0.00	612.40
1360.	387.	794.	179.	850.	546.	540.	340.	110.	612.80
2.24	0.45	1.46	0.33	0.070	0.035	0.070	0.000	606.40	25.00
0.000124	2.	2.	2.	1	0	0	0.00	750.00	775.00

*SECNO 10415.000
3280 CROSS SECTION 10415.00 EXTENDED 1.30 FEET

3470 ENCROACHMENT STATIONS=			30.0	755.0	TYPE=	1	TARGET=	725.000	
UPSTREAM OF FARM BRIDGE									
10415.00	8.50	614.80	0.00	614.79	614.82	0.02	0.01	0.00	613.70
1360.	674.	332.	304.	1053.	205.	618.	342.	111.	613.20
2.25	0.64	1.87	0.49	0.070	0.035	0.070	0.000	606.30	30.00
0.000214	49.	49.	49.	2	0	0	0.00	725.00	755.00

*SECNO 10765.000

3470 ENCROACHMENT STATIONS=			15.0	555.0	TYPE=	1	TARGET=	540.000	
DOWNSTREAM OF WALK BRIDGE									
10765.00	7.68	614.88	0.00	614.87	614.93	0.05	0.10	0.01	612.90
1360.	719.	504.	137.	895.	191.	214.	355.	116.	613.10
2.32	0.80	2.63	0.64	0.070	0.035	0.070	0.000	607.20	15.00
0.000430	350.	350.	350.	2	0	0	0.00	540.00	555.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10814.000

3470 ENCROACHMENT STATIONS= 10.0 560.0 TYPE= 1 TARGET= 550.000

10814.00	7.78	614.88	0.00	614.87	614.97	0.09	0.03	0.01	613.70
1360.	703.	605.	52.	717.	176.	92.	356.	116.	613.50
2.32	0.98	3.44	0.57	0.070	0.035	0.070	0.000	607.10	10.00
0.000913	49.	49.	49.	1	0	0	0.00	550.00	560.00

CCHV= 0.300 CEHV= 0.500

*SECNO 10816.000

3700. BRIDGE STENCL= 10.00 STENCR= 575.00

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 612.40 MAX ELLC= 612.80

3470 ENCROACHMENT STATIONS= 10.0 575.0 TYPE= 1 TARGET= 565.000

10816.00	7.85	614.95	0.00	614.94	614.99	0.04	0.00	0.02	613.70
1360.	947.	338.	75.	741.	150.	103.	356.	116.	613.50
2.32	1.28	2.25	0.73	0.070	0.035	0.070	0.000	607.10	10.00
0.001487	2.	2.	2.	9	0	0	-28.10	565.00	575.00

*SECNO 10824.000

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 613.10 MAX ELLC= 612.80

3470 ENCROACHMENT STATIONS= 1.0 588.9 TYPE= 1 TARGET= 587.860

10824.00	7.86	614.96	0.00	614.95	615.00	0.04	0.01	0.00	613.70
1360.	965.	539.	52.	757.	150.	58.	357.	116.	613.50
2.33	1.28	2.26	0.93	0.070	0.035	0.070	0.000	607.10	1.00
0.001490	8.	8.	8.	0	0	0	-75.55	587.86	588.86

CCHV= 0.100 CEHV= 0.300

*SECNO 10826.000

3470 ENCROACHMENT STATIONS= 1.0 589.0 TYPE= 1 TARGET= 588.000

10826.00	7.83	614.93	0.00	614.92	615.02	0.08	0.00	0.01	613.70
1360.	714.	592.	54.	747.	177.	101.	357.	116.	613.50
2.33	0.96	3.34	0.53	0.070	0.035	0.070	0.000	607.10	1.00
0.000850	2.	2.	2.	2	0	0	0.00	588.00	589.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 10875.000									
3470 ENCROACHMENT STATIONS=		170.0		600.0	TYPE=	1	TARGET=	430.000	
UPSTREAM OF WALK BRIDGE									
10875.00	7.79	614.99	0.00	615.00	615.05	0.06	0.03	0.00	612.90
1360.	614.	561.	184.	648.	195.	275.	358.	117.	613.10
2.33	0.95	2.87	0.67	0.070	0.035	0.070	0.000	607.20	170.00
0.000501	49.	49.	49.	0	0	0	0.00	430.00	600.00
*SECNO 11175.000									
3470 ENCROACHMENT STATIONS=		150.0		430.0	TYPE=	1	TARGET=	280.000	
DOWNSTREAM OF PENNSYLVANIA RD.									
11175.00	7.94	615.14	0.00	615.11	615.21	0.07	0.16	0.00	612.90
1360.	794.	566.	0.	751.	188.	0.	365.	119.	100000.00
2.38	1.76	3.01	0.00	0.070	0.035	0.070	0.000	607.20	150.00
0.000567	300.	300.	300.	2	0	0	0.00	280.00	430.00
*SECNO 11224.000									
3470 ENCROACHMENT STATIONS=		228.0		469.0	TYPE=	1	TARGET=	241.000	
11224.00	8.34	615.14	0.00	615.08	615.24	0.09	0.02	0.01	613.70
1360.	97.	1263.	0.	218.	494.	0.	366.	120.	100000.00
2.38	0.44	2.56	0.00	0.070	0.035	0.070	0.000	606.80	228.00
0.000300	49.	49.	49.	2	0	0	0.00	241.00	469.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 11226.000									
3700. BRIDGE STENCL=		228.14		STENCR=	470.00				
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 616.90									
3470 ENCROACHMENT STATIONS=		228.1		470.0	TYPE=	1	TARGET=	241.860	
11226.00	8.34	615.14	0.00	615.08	615.24	0.10	0.00	0.00	613.70
1360.	120.	1240.	0.	218.	479.	0.	366.	120.	100000.00
2.39	0.55	2.59	0.00	0.070	0.035	0.070	0.000	606.80	228.14
0.000459	2.	2.	2.	9	0	0	-15.04	241.53	469.67

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11299.000

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 615.50

3470 ENCROACHMENT STATIONS=			226.4	469.7	TYPE=	1	TARGET=	243.230	
11299.00	8.38	615.18	0.00	615.11	615.27	0.09	0.03	0.00	613.70
1360.	123.	1237.	0.	223.	481.	0.	367.	120.	100000.00
2.39	0.55	2.57	0.00	0.070	0.035	0.070	0.000	606.80	226.42
0.000460	73.	73.	73.	0	0	0	-15.68	243.23	469.65

CCHV= 0.100 CEHV= 0.300
*SECNO 11301.000

3470 ENCROACHMENT STATIONS=			225.0	469.0	TYPE=	1	TARGET=	244.000	
11301.00	8.38	615.18	0.00	615.12	615.27	0.09	0.00	0.00	613.70
1360.	99.	1261.	0.	224.	496.	0.	367.	120.	100000.00
2.39	0.44	2.54	0.00	0.070	0.035	0.070	0.000	606.80	225.00
0.000294	2.	2.	2.	0	0	0	0.00	244.00	469.00

*SECNO 11350.000

3470 ENCROACHMENT STATIONS=			120.0	465.0	TYPE=	1	TARGET=	345.000	
UPSTREAM OF PENNSYLVANIA RD.									
11350.00	8.04	615.24	0.00	615.20	615.30	0.05	0.02	0.00	612.90
1360.	762.	549.	49.	838.	204.	69.	368.	120.	613.10
2.40	0.91	2.70	0.71	0.070	0.035	0.070	0.000	607.20	120.00
0.000416	49.	49.	49.	2	0	0	0.00	345.00	465.00

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THIS RUN EXECUTED 17 AUG 84 11:13:50

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	608.10	0.00	608.20	261.25	10.48	1348.40	1.12	0.00	0.00	400.00	480.00	0.00
0.000	608.10	0.00	608.20	176.25	10.09	1348.79	1.12	190.00	335.00	400.00	480.00	525.00
49.000	608.16	0.00	608.21	565.75	38.78	1279.19	42.03	0.00	0.00	400.00	490.00	0.00
49.000	608.16	0.00	608.21	270.69	12.04	1305.17	42.78	286.00	295.00	400.00	490.00	581.00
51.000	608.12	0.00	608.25	365.08	119.93	1068.09	171.98	0.00	0.00	400.00	490.00	0.00
51.000	608.11	-0.01	608.26	269.91	46.98	1132.24	180.77	286.00	295.00	400.00	490.00	581.00
220.000	608.60	0.00	608.67	573.87	291.93	562.55	215.52	0.00	0.00	400.00	490.00	0.00
220.000	608.68	0.08	608.79	197.00	81.07	1011.92	267.01	197.00	349.00	400.00	490.00	546.00
222.000	608.63	0.00	608.67	574.57	93.59	1212.33	54.09	0.00	0.00	400.00	490.00	0.00
222.000	608.75	0.12	608.80	195.00	18.26	1283.74	58.00	195.00	350.00	400.00	490.00	545.00
271.000	608.61	0.00	608.69	398.63	40.03	1312.99	6.98	0.00	0.00	400.00	480.00	0.00
271.000	608.74	0.12	608.81	175.00	26.50	1325.33	8.17	175.00	340.00	400.00	480.00	515.00
1071.000	606.79	0.00	609.11	50.00	63.05	1257.95	38.99	50.00	490.00	500.00	530.00	540.00
1071.000	608.90	0.11	609.21	50.00	63.81	1256.17	40.01	50.00	490.00	500.00	530.00	540.00
1120.000	608.69	0.00	609.33	24.00	0.00	1360.00	0.00	0.00	0.00	400.00	424.00	0.00
1120.000	608.81	0.12	609.43	24.00	0.00	1360.00	0.00	24.00	400.00	400.00	424.00	424.00
1182.000	610.34	0.00	610.75	188.92	5.57	1311.32	42.11	0.00	0.00	400.00	424.00	0.00
1182.000	610.49	0.15	610.88	110.00	1.82	1303.07	55.12	110.00	395.00	400.00	424.00	505.00
1231.000	610.83	0.00	610.87	290.00	406.68	696.10	257.23	290.00	370.00	500.00	530.00	660.00
1231.000	610.94	0.11	611.00	210.00	335.56	780.45	243.99	210.00	410.00	500.00	530.00	620.00
2131.000	610.94	0.00	610.96	765.80	515.33	522.14	319.53	0.00	0.00	500.00	534.00	0.00
2131.000	611.07	0.13	611.09	564.93	522.24	528.36	309.39	0.04	127.95	500.00	534.00	692.88

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3331.000	611.04	0.00	611.05	646.12	266.00	491.42	602.58	0.00	0.00	500.00	535.00	0.00
3331.000	611.17	0.13	611.18	470.40	256.38	498.06	605.56	0.03	369.15	500.00	535.00	839.63
3380.000	611.03	0.00	611.06	645.74	161.63	654.18	544.20	0.00	0.00	400.00	442.00	0.00
3380.000	611.16	0.13	611.19	499.84	149.16	662.06	548.78	0.04	271.10	400.00	442.00	770.94
3382.000	611.06	0.00	611.07	646.89	253.04	258.78	848.17	0.00	0.00	400.00	442.00	0.00
3382.000	611.18	0.13	611.20	520.00	264.52	267.24	828.24	520.00	230.00	400.00	442.00	750.00
3390.000	611.06	0.00	611.07	647.02	253.17	258.67	848.17	0.00	0.00	400.00	442.00	0.00
3390.000	611.19	0.13	611.20	520.00	264.62	267.14	828.24	520.00	230.00	400.00	442.00	750.00
3392.000	611.05	0.00	611.08	646.69	162.52	652.31	545.17	0.00	0.00	400.00	442.00	0.00
3392.000	611.18	0.13	611.20	500.56	149.97	660.48	549.55	0.04	270.46	400.00	442.00	771.02
3441.000	611.07	0.00	611.08	647.05	266.51	490.31	603.18	0.00	0.00	500.00	535.00	0.00
3441.000	611.19	0.13	611.21	459.39	254.96	498.88	606.16	0.04	374.34	500.00	535.00	833.73
3641.000	611.09	0.00	611.10	630.44	482.15	373.38	499.46	0.00	0.00	500.00	530.00	0.00
3641.000	611.21	0.13	611.23	496.74	477.32	384.65	498.03	0.03	310.28	500.00	530.00	807.02
3690.000	611.07	0.00	611.12	516.30	420.19	554.42	385.39	0.00	0.00	400.00	424.00	0.00
3690.000	611.20	0.13	611.24	500.00	426.12	534.52	399.36	500.00	200.00	400.00	424.00	700.00
3692.000	611.10	0.00	611.12	517.17	590.46	313.59	465.95	0.00	0.00	400.00	424.00	0.00
3692.000	611.23	0.13	611.25	500.00	579.88	301.40	478.71	500.00	200.00	400.00	424.00	700.00
3703.000	611.11	0.00	611.13	517.31	580.59	313.07	466.43	0.00	0.00	400.00	424.00	0.00
3703.000	611.23	0.13	611.26	500.00	579.89	301.04	479.06	500.00	200.00	400.00	424.00	700.00
3705.000	611.09	0.00	611.14	517.17	421.81	549.80	388.40	0.00	0.00	400.00	424.00	0.00
3705.000	611.22	0.13	611.26	500.00	426.92	532.06	401.02	500.00	200.00	400.00	424.00	700.00
3754.000	611.14	0.00	611.15	631.02	482.87	375.59	501.54	0.00	0.00	500.00	530.00	0.00
3754.000	611.26	0.12	611.27	470.00	498.21	379.65	482.13	470.00	280.00	500.00	530.00	750.00
3854.000	611.13	0.00	611.17	504.19	209.22	724.64	426.13	0.00	0.00	500.00	546.00	0.00
3854.000	611.25	0.12	611.29	426.00	226.09	734.05	399.85	426.00	310.00	500.00	546.00	736.00
3903.000	611.12	0.00	611.19	531.88	319.32	620.47	420.21	0.00	0.00	400.00	421.00	0.00
3903.000	611.24	0.13	611.31	500.00	325.58	595.75	438.67	500.00	200.00	400.00	421.00	700.00
3905.000	611.13	0.00	611.21	533.66	443.64	331.38	584.98	0.00	0.00	400.00	421.00	0.00
3905.000	611.30	0.12	611.32	500.00	443.92	317.38	598.70	500.00	200.00	400.00	421.00	700.00
3915.000	611.19	0.00	611.22	533.85	444.16	330.42	585.52	0.00	0.00	400.00	421.00	0.00
3915.000	611.31	0.12	611.33	523.99	452.50	313.86	593.63	523.99	176.01	400.00	421.00	700.00
3917.000	611.16	0.00	611.23	533.08	323.26	611.45	425.28	0.00	0.00	400.00	421.00	0.00
3917.000	611.28	0.12	611.34	524.00	334.68	586.15	439.16	524.00	176.00	400.00	421.00	700.00

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	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
	3966.000	611.21	0.00	611.25	506.82	214.58	714.17	431.25	0.00	0.00	500.00	546.00	0.00
	3966.000	611.32	0.11	611.36	485.21	223.28	707.34	429.37	500.00	275.00	500.00	546.00	775.00
	4466.000	611.30	0.00	611.32	700.00	715.90	489.90	154.19	0.00	0.00	500.00	542.00	0.00
	4466.000	611.41	0.11	611.43	535.00	727.99	522.25	109.76	535.00	80.00	500.00	542.00	615.00
	4515.000	611.31	0.00	611.33	800.00	621.87	452.45	285.68	0.00	0.00	400.00	444.00	0.00
	4515.000	611.41	0.10	611.44	500.00	595.81	550.38	213.80	500.00	100.00	400.00	444.00	600.00
	4517.000	611.31	0.00	611.33	800.00	726.79	297.36	335.85	0.00	0.00	400.00	444.00	0.00
*	4517.000	611.42	0.11	611.44	500.00	770.55	320.61	268.84	500.00	100.00	400.00	444.00	600.00
	4568.000	611.34	0.00	611.35	800.00	726.63	295.09	338.28	0.00	0.00	400.00	444.00	0.00
*	4568.000	611.45	0.11	611.47	500.00	770.93	319.13	269.94	500.00	100.00	400.00	444.00	600.00
	4570.000	611.34	0.00	611.36	800.00	622.87	448.38	288.75	0.00	0.00	400.00	444.00	0.00
	4570.000	611.45	0.11	611.48	500.00	593.12	546.11	215.76	500.00	100.00	400.00	444.00	600.00
	4619.000	611.35	0.00	611.36	700.00	719.48	484.48	156.04	0.00	0.00	500.00	542.00	0.00
	4619.000	611.47	0.12	611.49	604.21	729.08	493.67	137.26	0.04	45.40	500.00	542.00	649.61
	5019.000	611.36	0.00	611.48	594.33	403.19	707.79	249.01	0.00	0.00	500.00	522.00	0.00
	5019.000	611.48	0.12	611.60	395.00	400.53	704.84	254.64	395.00	340.00	500.00	522.00	735.00
	5519.000	611.65	0.00	611.75	386.89	520.22	812.28	27.50	0.00	0.00	500.00	545.00	0.00
	5519.000	611.76	0.11	611.85	370.43	532.86	800.36	26.78	395.00	280.00	500.00	545.00	675.00
	5568.000	611.45	0.00	611.90	572.67	79.02	1166.73	114.25	0.00	0.00	400.00	420.00	0.00
	5568.000	611.59	0.14	611.99	470.00	85.62	1123.01	146.37	470.00	230.00	400.00	420.00	700.00
	5570.000	611.46	0.00	611.91	571.72	154.91	980.67	224.42	0.00	0.00	400.00	420.00	0.00
	5570.000	611.82	0.37	612.05	479.11	221.82	786.01	352.17	479.11	220.89	400.00	420.00	700.00
	5628.000	612.16	0.00	612.24	700.00	381.02	578.73	400.25	0.00	0.00	400.00	420.00	0.00
	5628.000	612.14	-0.01	612.29	460.00	334.42	690.42	335.16	460.00	200.00	400.00	420.00	660.00
	5630.000	612.10	0.00	612.27	700.00	233.86	875.73	250.41	0.00	0.00	400.00	420.00	0.00
	5630.000	612.06	-0.02	612.32	460.00	201.11	985.05	173.84	460.00	190.00	400.00	420.00	650.00
	5679.000	612.25	0.00	612.31	432.74	558.69	731.17	70.14	0.00	0.00	500.00	545.00	0.00
	5679.000	612.31	0.06	612.37	431.00	562.15	724.36	73.49	431.00	267.00	500.00	545.00	698.00
	6579.000	612.62	0.00	612.87	105.00	145.99	994.71	219.30	105.00	365.00	400.00	431.00	470.00
	6579.000	612.68	0.06	612.93	84.98	0.00	1009.70	350.30	0.55	400.00	400.00	431.00	484.98
	6628.000	612.67	0.00	612.92	85.85	0.58	1359.42	0.00	0.00	0.00	300.00	365.00	0.00
	6628.000	612.74	0.07	612.99	61.52	0.00	1360.00	0.00	0.00	300.00	300.00	365.00	365.00
	6630.000	612.51	0.00	613.06	70.93	0.18	1359.81	0.00	0.00	0.00	300.00	365.00	0.00
	6630.000	612.59	0.08	613.14	68.58	0.37	1359.63	0.00	112.00	250.00	300.00	365.00	362.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
6702.000	613.51	0.00	613.86	200.00	75.87	1209.25	74.88	200.00	235.00	300.00	365.00	435.00
6702.000	613.52	0.01	613.87	200.00	75.36	1210.15	74.49	200.00	235.00	300.00	365.00	435.00
6704.000	613.72	0.00	613.88	200.00	27.86	1303.95	28.19	200.00	235.00	300.00	365.00	435.00
6704.000	613.73	0.01	613.89	185.00	9.28	1315.11	35.61	185.00	265.00	300.00	365.00	450.00
6753.000	613.88	0.00	613.90	295.00	365.01	498.37	496.62	295.00	270.00	400.00	431.00	565.00
6753.000	613.89	0.01	613.91	295.00	365.36	497.88	496.77	295.00	270.00	400.00	431.00	565.00
7753.000	614.01	0.00	614.02	960.65	373.77	514.31	471.92	0.00	0.00	500.00	537.00	0.00
7753.000	614.02	0.01	614.03	890.00	366.74	517.15	476.12	890.00	40.00	500.00	537.00	930.00
8453.000	614.09	0.00	614.15	539.51	190.31	634.35	535.34	0.00	0.00	500.00	532.00	0.00
8453.000	614.11	0.01	614.16	537.00	190.68	632.80	536.51	537.00	360.00	500.00	532.00	897.00
8953.000	614.28	0.00	614.34	510.10	183.10	609.26	567.64	0.00	0.00	500.00	534.00	0.00
8953.000	614.29	0.01	614.35	508.00	183.79	607.64	568.57	508.00	337.00	500.00	534.00	845.00
10300.000	614.75	0.00	614.77	800.00	668.77	378.04	313.20	0.00	0.00	400.00	436.00	0.00
10300.000	614.75	0.01	614.77	800.00	668.82	377.48	313.70	0.00	0.00	400.00	436.00	0.00
10349.000	614.76	0.00	614.78	900.00	385.03	774.68	200.30	0.00	0.00	350.00	450.00	0.00
10349.000	614.76	0.00	614.78	760.00	380.56	795.74	183.70	760.00	35.00	350.00	450.00	795.00
10351.000	614.75	0.00	614.78	900.00	415.44	821.44	123.12	0.00	0.00	350.00	450.00	0.00
10351.000	614.75	0.01	614.79	770.00	412.15	819.66	128.19	770.00	15.00	350.00	450.00	785.00
10364.000	614.77	0.00	614.80	900.00	415.48	821.29	123.22	0.00	0.00	350.00	450.00	0.00
10364.000	614.77	0.01	614.81	770.00	412.76	817.94	129.30	770.00	15.00	350.00	450.00	785.00
10366.000	614.78	0.00	614.80	900.00	385.48	773.11	201.41	0.00	0.00	350.00	450.00	0.00
10366.000	614.79	0.00	614.81	750.00	386.52	794.24	179.24	750.00	25.00	350.00	450.00	775.00
10415.000	614.79	0.00	614.81	800.00	669.17	373.42	317.41	0.00	0.00	400.00	436.00	0.00
10415.000	614.80	0.00	614.82	725.00	673.74	382.20	304.05	725.00	30.00	400.00	436.00	755.00
10765.000	614.87	0.00	614.92	651.85	715.19	492.12	152.70	0.00	0.00	400.00	434.00	0.00
10765.000	614.88	0.01	614.93	540.00	718.89	503.79	137.32	540.00	15.00	400.00	434.00	555.00
10814.000	614.87	0.00	614.96	584.56	707.61	602.55	49.84	0.00	0.00	400.00	434.00	0.00
10814.000	614.88	0.01	614.97	550.00	702.92	605.11	51.97	550.00	10.00	400.00	434.00	560.00
10816.000	614.94	0.00	614.98	592.29	952.26	335.99	71.75	0.00	0.00	400.00	434.00	0.00
10816.000	614.95	0.01	614.99	565.00	947.18	337.76	75.06	565.00	10.00	400.00	434.00	575.00
10824.000	614.95	0.00	614.99	593.51	952.81	334.65	72.54	0.00	0.00	400.00	434.00	0.00
10824.000	614.96	0.01	615.00	537.86	968.48	339.10	52.42	587.86	1.00	400.00	434.00	588.86
10826.000	614.92	0.00	615.01	589.90	713.62	593.70	52.68	0.00	0.00	400.00	434.00	0.00
10826.000	614.93	0.01	615.02	583.00	714.49	591.83	53.67	588.00	1.00	400.00	434.00	589.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10875.000	615.00	0.00	615.04	660.58	707.13	487.20	165.68	0.00	0.00	400.00	434.00	0.00
10875.000	614.99	-0.01	615.05	430.00	614.49	561.02	184.49	430.00	170.00	400.00	434.00	600.00
11175.000	615.11	0.00	615.14	669.83	728.82	459.96	171.22	0.00	0.00	400.00	434.00	0.00
11175.000	615.14	0.03	615.21	280.00	793.62	566.38	0.00	280.00	150.00	400.00	434.00	430.00
11224.000	615.08	0.00	615.13	243.26	89.95	1270.05	0.00	0.00	0.00	400.00	470.00	0.00
11224.000	615.14	0.07	615.24	241.00	96.57	1263.43	0.00	241.00	228.00	400.00	470.00	469.00
11226.000	615.08	0.00	615.18	243.30	108.85	1251.15	0.00	0.00	0.00	400.00	470.00	0.00
11226.000	615.14	0.07	615.24	241.53	119.56	1240.44	0.00	241.86	228.14	400.00	470.00	470.00
11299.000	615.11	0.00	615.21	245.03	112.57	1247.43	0.00	0.00	0.00	400.00	470.00	0.00
11299.000	615.18	0.07	615.27	243.23	123.37	1236.63	0.00	243.23	226.42	400.00	470.00	469.65
11301.000	615.12	0.00	615.21	245.54	92.84	1267.16	0.00	0.00	0.00	400.00	470.00	0.00
11301.000	615.18	0.07	615.27	244.00	99.41	1260.59	0.00	244.00	225.00	400.00	470.00	469.00
11350.000	615.20	0.00	615.23	677.15	733.40	443.17	178.43	0.00	0.00	400.00	434.00	0.00
11350.000	615.24	0.04	615.30	345.00	761.67	549.45	48.88	345.00	120.00	400.00	434.00	465.00

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100-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	597.50	1360.00	608.10	0.00	608.20	2.90	2.51	587.26	799.16
0.000	0.00	0.00	0.00	597.50	1360.00	608.10	0.00	608.20	2.90	2.51	581.26	798.92
49.000	49.00	0.00	0.00	598.10	1360.00	608.16	0.00	608.21	1.61	1.90	1000.45	1071.36
49.000	49.00	0.00	0.00	598.10	1360.00	608.16	0.00	608.21	1.68	1.94	850.06	1049.26
51.000	2.00	607.00	613.00	598.10	1360.00	608.12	0.00	608.25	28.91	3.16	646.93	252.93
51.000	2.00	607.00	613.00	598.10	1360.00	608.11	0.00	608.26	32.51	3.35	506.29	238.51
220.000	169.00	603.20	606.40	598.10	1360.00	608.60	0.00	608.67	19.89	2.45	886.61	304.91
220.000	169.00	603.20	606.40	598.10	1360.00	608.68	0.00	608.79	28.74	2.84	552.44	253.67
222.000	2.00	0.00	0.00	598.10	1360.00	608.63	0.00	608.67	1.18	1.69	1270.75	1252.13
222.000	2.00	0.00	0.00	598.10	1360.00	608.75	0.00	608.80	1.26	1.76	928.44	1211.63
271.000	49.00	0.00	0.00	597.50	1360.00	608.61	0.00	608.69	2.15	2.27	765.07	928.25
271.000	49.00	0.00	0.00	597.50	1360.00	608.74	0.00	608.81	2.07	2.25	692.06	945.64
1071.000	800.00	0.00	0.00	598.20	1360.00	608.79	0.00	609.11	7.77	4.68	350.48	487.86
1071.000	800.00	0.00	0.00	598.20	1360.00	608.90	0.00	609.21	7.43	4.62	356.22	499.04
1120.000	49.00	0.00	0.00	599.40	1360.00	608.69	0.00	609.33	24.81	6.43	211.35	273.02
1120.000	49.00	0.00	0.00	599.40	1360.00	608.81	0.00	609.43	23.94	6.35	214.13	277.95
1182.000	62.00	609.60	605.90	599.40	1360.00	610.34	0.00	610.75	13.91	5.23	336.72	364.67
1182.000	62.00	609.60	605.90	599.40	1360.00	610.49	0.00	610.88	13.09	5.12	333.26	375.95
1231.000	49.00	0.00	0.00	599.20	1360.00	610.83	0.00	610.87	1.20	2.11	1416.29	1242.26
1231.000	49.00	0.00	0.00	598.20	1360.00	610.94	0.00	611.00	1.46	2.34	1158.77	1126.49
2131.000	900.00	0.00	0.00	598.60	1360.00	610.94	0.00	610.96	0.72	1.56	2349.93	1607.47
2131.000	900.00	0.00	0.00	598.60	1360.00	611.07	0.00	611.09	0.70	1.56	2205.79	1623.96
3331.000	1200.00	0.00	0.00	599.60	1360.00	611.04	0.00	611.05	0.91	1.60	2103.89	1429.47
3331.000	1200.00	0.00	0.00	599.60	1360.00	611.17	0.00	611.18	0.89	1.60	1978.65	1442.38
3380.000	49.00	0.00	0.00	599.10	1360.00	611.03	0.00	611.06	1.34	1.87	1814.55	1176.12
3380.000	49.00	0.00	0.00	599.10	1360.00	611.16	0.00	611.19	1.30	1.86	1723.04	1192.46
3382.000	2.00	608.80	608.80	599.10	1360.00	611.06	0.00	611.07	3.19	1.10	1707.91	761.29
3382.000	2.00	608.80	608.80	599.10	1360.00	611.18	0.00	611.20	3.16	1.11	1625.34	765.65
3390.000	8.00	608.50	605.90	599.10	1360.00	611.06	0.00	611.07	3.19	1.10	1709.09	762.05
3390.000	8.00	608.50	605.90	599.10	1360.00	611.19	0.00	611.20	3.15	1.11	1626.27	766.33
3392.000	2.00	0.00	0.00	599.10	1360.00	611.05	0.00	611.08	1.32	1.86	1823.20	1182.64
3392.000	2.00	0.00	0.00	599.10	1360.00	611.18	0.00	611.20	1.29	1.85	1730.08	1198.00

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
3441.000	49.00	0.00	0.00	599.60	1360.00	611.07	0.00	611.08	0.90	1.60	2112.28	1436.27
3441.000	49.00	0.00	0.00	599.60	1360.00	611.19	0.00	611.21	0.88	1.60	1968.31	1446.22
3641.000	200.00	0.00	0.00	600.20	1360.00	611.09	0.00	611.10	0.83	1.47	2182.19	1495.14
3641.000	200.00	0.00	0.00	600.20	1360.00	611.21	0.00	611.23	0.82	1.48	2075.01	1506.01
3690.000	49.00	0.00	0.00	600.40	1360.00	611.07	0.00	611.12	3.18	2.56	1332.96	762.87
3690.000	49.00	0.00	0.00	600.40	1360.00	611.20	0.00	611.24	2.81	2.43	1398.54	811.91
3692.000	2.00	607.00	605.70	600.40	1360.00	611.10	0.00	611.12	5.85	1.84	1258.99	562.16
3692.000	2.00	607.00	605.70	600.40	1360.00	611.23	0.00	611.25	5.09	1.74	1317.92	602.63
3703.000	11.00	607.80	605.70	600.40	1360.00	611.11	0.00	611.13	5.82	1.84	1261.55	563.74
3703.000	11.00	607.80	605.70	600.40	1360.00	611.23	0.00	611.26	5.07	1.74	1319.84	603.88
3705.000	2.00	0.00	0.00	600.40	1360.00	611.09	0.00	611.14	3.09	2.53	1348.79	773.65
3705.000	2.00	0.00	0.00	600.40	1360.00	611.22	0.00	611.26	2.76	2.41	1407.39	818.30
3754.000	49.00	0.00	0.00	600.20	1360.00	611.14	0.00	611.15	0.80	1.45	2213.16	1520.69
3754.000	49.00	0.00	0.00	600.20	1360.00	611.26	0.00	611.27	0.78	1.45	2097.05	1537.58
3854.000	100.00	0.00	0.00	599.90	1360.00	611.13	0.00	611.17	1.67	2.05	1521.38	1052.98
3854.000	100.00	0.00	0.00	599.90	1360.00	611.25	0.00	611.29	1.62	2.05	1457.23	1067.19
3903.000	49.00	0.00	0.00	600.60	1360.00	611.12	0.00	611.19	4.93	3.17	1175.74	612.28
3903.000	49.00	0.00	0.00	600.60	1360.00	611.24	0.00	611.31	4.33	3.00	1225.64	653.21
3905.000	2.00	608.30	606.80	600.60	1360.00	611.18	0.00	611.21	8.65	2.13	1165.46	462.54
3905.000	2.00	608.30	606.80	600.60	1360.00	611.30	0.00	611.32	7.52	2.00	1208.15	496.03
3915.000	10.00	608.30	606.80	600.60	1360.00	611.19	0.00	611.22	8.57	2.12	1169.01	464.59
3915.000	10.00	608.30	606.80	600.60	1360.00	611.31	0.00	611.33	7.34	1.98	1231.82	502.14
3917.000	2.00	0.00	0.00	600.60	1360.00	611.16	0.00	611.23	4.72	3.11	1198.09	625.98
3917.000	2.00	0.00	0.00	600.60	1360.00	611.28	0.00	611.34	4.15	2.94	1261.05	667.37
3966.000	49.00	0.00	0.00	599.90	1360.00	611.21	0.00	611.25	1.56	2.00	1562.50	1087.39
3966.000	49.00	0.00	0.00	599.90	1360.00	611.32	0.00	611.36	1.47	1.96	1576.85	1122.85
4466.000	500.00	0.00	0.00	600.90	1360.00	611.30	0.00	611.32	1.26	1.66	2103.13	1211.23
4466.000	500.00	0.00	0.00	600.90	1360.00	611.41	0.00	611.43	1.36	1.74	1858.46	1165.55
4515.000	49.00	0.00	0.00	601.30	1360.00	611.31	0.00	611.33	1.76	1.65	2052.88	1025.78
4515.000	49.00	0.00	0.00	601.30	1360.00	611.41	0.00	611.44	2.46	1.97	1524.97	867.80
4517.000	2.00	608.70	607.40	601.30	1360.00	611.31	0.00	611.33	5.62	1.59	1570.38	573.79
4517.000	2.00	608.70	607.40	601.30	1360.00	611.42	0.00	611.44	5.98	1.66	1291.48	556.16
4563.000	51.00	609.60	607.40	601.30	1360.00	611.34	0.00	611.35	5.45	1.57	1586.46	582.76
4563.000	51.00	609.60	607.40	601.30	1360.00	611.45	0.00	611.47	5.83	1.65	1301.98	563.22

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
4570.000	2.00	0.00	0.00	601.30	1360.00	611.34	0.00	611.36	1.70	1.62	2079.08	1044.15
4570.000	2.00	0.00	0.00	601.30	1360.00	611.45	0.00	611.48	2.37	1.94	1544.32	883.48
4619.000	49.00	0.00	0.00	600.90	1360.00	611.35	0.00	611.36	1.20	1.63	2138.60	1239.53
4619.000	49.00	0.00	0.00	600.90	1360.00	611.47	0.00	611.49	1.19	1.63	2043.16	1248.62
5019.000	400.00	0.00	0.00	602.30	1360.00	611.36	0.00	611.48	4.80	3.73	1013.59	620.96
5019.000	400.00	0.00	0.00	602.30	1360.00	611.48	0.00	611.60	4.54	3.67	957.69	638.48
5519.000	500.00	0.00	0.00	602.20	1360.00	611.65	0.00	611.75	6.06	3.19	828.98	552.59
5519.000	500.00	0.00	0.00	602.20	1360.00	611.76	0.00	611.85	5.57	3.08	852.87	576.15
5568.000	49.00	0.00	0.00	601.20	1360.00	611.45	606.66	611.90	21.41	5.82	480.20	293.89
5568.000	49.00	0.00	0.00	601.20	1360.00	611.59	0.00	611.99	19.13	5.55	509.07	310.93
5570.000	2.00	610.80	611.40	601.20	1360.00	611.46	606.64	611.91	83.12	6.30	434.34	149.17
5570.000	2.00	610.80	611.40	601.20	1360.00	611.82	0.00	612.05	45.84	4.83	578.05	200.87
5628.000	58.00	611.10	608.90	601.20	1360.00	612.16	0.00	612.24	21.74	3.41	892.84	291.69
5628.000	58.00	611.10	608.90	601.20	1360.00	612.14	0.00	612.29	31.03	4.08	678.80	244.16
5630.000	2.00	0.00	0.00	601.20	1360.00	612.10	0.00	612.27	9.81	4.10	900.58	434.28
5630.000	2.00	0.00	0.00	601.20	1360.00	612.08	0.00	612.32	12.50	4.62	684.97	384.68
5679.000	49.00	0.00	0.00	602.20	1360.00	612.25	0.00	612.31	3.56	2.60	1079.28	721.12
5679.000	49.00	0.00	0.00	602.20	1360.00	612.31	0.00	612.37	3.38	2.55	1102.93	739.69
6579.000	900.00	0.00	0.00	602.70	1360.00	612.62	0.00	612.87	10.03	4.58	470.59	429.41
6579.000	900.00	0.00	0.00	602.70	1360.00	612.68	0.00	612.93	11.16	4.62	426.25	407.02
6628.000	49.00	0.00	0.00	602.40	1360.00	612.67	0.00	612.92	10.73	4.04	339.50	415.09
6628.000	49.00	0.00	0.00	602.40	1360.00	612.74	0.00	612.99	10.38	3.99	340.76	422.11
6630.000	2.00	613.20	613.40	602.40	1360.00	612.51	0.00	613.08	91.09	6.05	225.27	142.49
6630.000	2.00	613.20	613.40	602.40	1360.00	612.59	0.00	613.14	85.14	5.97	228.62	147.39
6702.000	72.00	613.20	610.00	602.40	1360.00	613.51	0.00	613.86	105.82	4.95	334.39	132.21
6702.000	72.00	613.20	610.00	602.40	1360.00	613.52	0.00	613.87	99.13	4.98	334.45	136.59
6704.000	2.00	0.00	0.00	602.40	1360.00	613.72	0.00	613.88	5.79	3.23	523.62	565.14
6704.000	2.00	0.00	0.00	602.40	1360.00	613.73	0.00	613.89	5.87	3.25	503.70	561.28
6753.000	49.00	0.00	0.00	602.70	1360.00	613.88	0.00	613.90	1.45	1.95	1478.57	1128.57
6753.000	49.00	0.00	0.00	602.70	1360.00	613.89	0.00	613.91	1.44	1.94	1481.66	1132.08
7753.000	1000.00	0.00	0.00	602.70	1360.00	614.01	0.00	614.02	1.01	1.66	2357.33	1355.73
7753.000	1000.00	0.00	0.00	602.70	1360.00	614.02	0.00	614.03	1.01	1.67	2314.99	1351.02
8453.000	700.00	0.00	0.00	603.70	1360.00	614.09	0.00	614.15	3.07	2.67	1281.57	775.95
8453.000	700.00	0.00	0.00	603.70	1360.00	614.11	0.00	614.16	3.04	2.66	1286.05	779.59

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
8953.000	500.00	0.00	0.00	605.30	1360.00	614.28	0.00	614.34	4.89	2.95	1140.98	614.84
8953.000	500.00	0.00	0.00	605.30	1360.00	614.29	0.00	614.35	4.84	2.94	1145.55	618.02
10300.000	1347.00	0.00	0.00	605.30	1360.00	614.75	0.00	614.77	2.15	1.86	1934.29	927.41
10300.000	1347.00	0.00	0.00	606.30	1360.00	614.75	0.00	614.77	2.14	1.86	1938.46	930.20
10349.000	49.00	0.00	0.00	606.40	1360.00	614.76	0.00	614.78	1.19	1.42	2080.20	1248.50
10349.000	49.00	0.00	0.00	606.40	1360.00	614.76	0.00	614.78	1.25	1.46	1932.56	1215.37
10351.000	2.00	613.50	614.00	606.40	1360.00	614.75	0.00	614.78	12.58	1.91	1519.03	383.48
10351.000	2.00	613.50	614.00	606.40	1360.00	614.75	0.00	614.79	12.49	1.90	1472.59	384.85
10364.000	13.00	614.40	613.40	606.40	1360.00	614.77	0.00	614.80	12.57	1.91	1519.61	383.64
10364.000	13.00	614.40	613.40	606.40	1360.00	614.77	0.00	614.81	12.35	1.90	1479.39	386.98
10366.000	2.00	0.00	0.00	606.40	1360.00	614.78	0.00	614.80	1.17	1.42	2088.82	1254.71
10366.000	2.00	0.00	0.00	606.40	1360.00	614.79	0.00	614.81	1.24	1.46	1935.92	1222.91
10415.000	49.00	0.00	0.00	606.30	1360.00	614.79	0.00	614.81	2.04	1.83	1969.47	951.12
10415.000	49.00	0.00	0.00	606.30	1360.00	614.80	0.00	614.82	2.14	1.87	1876.11	930.27
10765.000	350.00	0.00	0.00	607.20	1360.00	614.87	0.00	614.92	4.12	2.57	1381.42	669.82
10765.000	350.00	0.00	0.00	607.20	1360.00	614.88	0.00	614.93	4.30	2.63	1300.36	655.65
10814.000	49.00	0.00	0.00	607.10	1360.00	614.87	0.00	614.96	9.11	3.43	995.85	450.67
10814.000	49.00	0.00	0.00	607.10	1360.00	614.88	0.00	614.97	9.13	3.44	984.32	449.98
10816.000	2.00	612.40	612.80	607.10	1360.00	614.94	0.00	614.98	14.84	2.25	1003.04	353.01
10816.000	2.00	612.40	612.80	607.10	1360.00	614.95	0.00	614.99	14.87	2.25	993.71	352.63
10824.000	8.00	613.10	612.80	607.10	1360.00	614.95	0.00	614.99	14.62	2.23	1008.63	355.68
10824.000	8.00	613.10	612.80	607.10	1360.00	614.96	0.00	615.00	14.90	2.26	965.40	352.33
10826.000	2.00	0.00	0.00	607.10	1360.00	614.92	0.00	615.01	8.61	3.36	1020.17	463.52
10826.000	2.00	0.00	0.00	607.10	1360.00	614.93	0.00	615.02	8.50	3.34	1025.10	466.59
10875.000	49.00	0.00	0.00	607.20	1360.00	615.00	0.00	615.04	3.78	2.50	1433.40	699.50
10875.000	49.00	0.00	0.00	607.20	1360.00	614.99	0.00	615.05	5.01	2.87	1118.07	607.83
11175.000	300.00	0.00	0.00	607.20	1360.00	615.11	0.00	615.14	3.14	2.31	1535.90	766.99
11175.000	300.00	0.00	0.00	607.20	1360.00	615.14	0.00	615.21	5.67	3.01	938.81	571.05
11224.000	49.00	0.00	0.00	606.80	1360.00	615.08	0.00	615.18	3.12	2.59	695.78	769.58
11224.000	49.00	0.00	0.00	606.80	1360.00	615.14	0.00	615.24	3.00	2.56	711.18	784.58
11226.000	2.00	616.90	616.90	606.80	1360.00	615.08	0.00	615.18	4.57	2.63	682.34	636.40
11226.000	2.00	616.90	616.90	606.80	1360.00	615.14	0.00	615.24	4.59	2.59	697.05	634.93
11299.000	73.00	616.90	615.50	606.80	1360.00	615.11	0.00	615.21	4.58	2.61	688.50	635.45
11299.000	73.00	616.90	615.50	606.80	1360.00	615.18	0.00	615.27	4.60	2.57	703.08	634.11

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
11301.000	2.00	0.00	0.00	606.80	1360.00	615.12	0.00	615.21	3.06	2.57	704.64	777.71
11301.000	2.00	0.00	0.00	606.80	1360.00	615.18	0.00	615.27	2.94	2.54	720.32	792.82
11350.000	49.00	0.00	0.00	607.20	1360.00	615.20	0.00	615.23	2.83	2.21	1599.97	808.59
11350.000	49.00	0.00	0.00	607.20	1360.00	615.24	0.00	615.30	4.16	2.70	1111.45	666.86

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100-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	1360.00	608.10	0.00	0.00	0.00	261.25	0.00
0.000	1360.00	608.10	0.00	0.00	0.00	176.25	0.00
49.000	1360.00	608.16	0.00	0.06	0.00	565.75	49.00
49.000	1360.00	608.16	0.00	0.06	0.00	270.69	49.00
51.000	1360.00	608.12	0.00	-0.04	0.00	565.08	2.00
51.000	1360.00	608.11	-0.01	-0.05	-0.01	269.91	2.00
220.000	1360.00	608.60	0.00	0.48	0.00	573.87	169.00
220.000	1360.00	608.68	0.08	0.57	0.08	197.00	169.00
222.000	1360.00	608.63	0.00	0.03	0.00	574.57	2.00
222.000	1360.00	608.75	0.12	0.07	0.12	195.00	2.00
271.000	1360.00	608.61	0.00	-0.02	0.00	398.63	49.00
271.000	1360.00	608.74	0.12	-0.01	0.12	175.00	49.00
1071.000	1360.00	608.79	0.00	0.13	0.00	50.00	800.00
1071.000	1360.00	608.90	0.11	0.17	0.11	50.00	800.00
1120.000	1360.00	608.69	0.00	-0.13	0.00	24.00	49.00
1120.000	1360.00	608.81	0.12	-0.12	0.12	24.00	49.00
1132.000	1360.00	610.34	0.00	1.65	0.00	188.92	62.00
1132.000	1360.00	610.49	0.15	1.68	0.15	110.00	62.00
1231.000	1360.00	610.83	0.00	0.50	0.00	290.00	49.00
1231.000	1360.00	610.94	0.11	0.46	0.11	210.00	49.00
2131.000	1360.00	610.94	0.00	0.11	0.00	765.80	900.00
2131.000	1360.00	611.07	0.13	0.13	0.13	564.93	900.00
3331.000	1360.00	611.04	0.00	0.10	0.00	646.12	1200.00
3331.000	1360.00	611.17	0.13	0.09	0.13	470.48	1200.00
3380.000	1360.00	611.03	0.00	0.00	0.00	645.74	49.00
3380.000	1360.00	611.16	0.13	0.01	0.13	499.84	49.00
3382.000	1360.00	611.06	0.00	0.02	0.00	646.89	2.00
3382.000	1360.00	611.18	0.13	0.02	0.13	520.00	2.00
3390.000	1360.00	611.06	0.00	0.00	0.00	647.02	8.00
3390.000	1360.00	611.19	0.13	0.00	0.13	520.00	8.00
3392.000	1360.00	611.05	0.00	-0.01	0.00	646.69	2.00
3392.000	1360.00	611.18	0.13	-0.01	0.13	509.56	2.00

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	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	3441.000	1360.00	611.07	0.00	0.02	0.00	647.05	49.00
	3441.000	1360.00	611.19	0.13	0.02	0.13	459.39	49.00
	3641.000	1360.00	611.09	0.00	0.02	0.00	630.44	200.00
	3641.000	1360.00	611.21	0.13	0.02	0.13	496.74	200.00
	3690.000	1360.00	611.07	0.00	-0.02	0.00	516.30	49.00
	3690.000	1360.00	611.20	0.13	-0.01	0.13	500.00	49.00
	3692.000	1360.00	611.10	0.00	0.03	0.00	517.17	2.00
	3692.000	1360.00	611.23	0.13	0.03	0.13	500.00	2.00
	3703.000	1360.00	611.11	0.00	0.01	0.00	517.31	11.00
	3703.000	1360.00	611.23	0.13	0.01	0.13	500.00	11.00
	3705.000	1360.00	611.09	0.00	-0.01	0.00	517.17	2.00
	3705.000	1360.00	611.22	0.13	-0.01	0.13	500.00	2.00
	3754.000	1360.00	611.14	0.00	0.04	0.00	631.02	49.00
	3754.000	1360.00	611.26	0.12	0.04	0.12	470.00	49.00
	3854.000	1360.00	611.13	0.00	-0.01	0.00	504.19	100.00
	3854.000	1360.00	611.25	0.12	-0.01	0.12	426.00	100.00
	3903.000	1360.00	611.12	0.00	-0.01	0.00	531.88	49.00
	3903.000	1360.00	611.24	0.13	-0.01	0.13	500.00	49.00
	3905.000	1360.00	611.18	0.00	0.06	0.00	533.66	2.00
	3905.000	1360.00	611.30	0.12	0.05	0.12	500.00	2.00
	3915.000	1360.00	611.19	0.00	0.01	0.00	533.85	10.00
	3915.000	1360.00	611.31	0.12	0.01	0.12	523.99	10.00
	3917.000	1360.00	611.16	0.00	-0.03	0.00	533.08	2.00
	3917.000	1360.00	611.28	0.12	-0.03	0.12	524.00	2.00
	3966.000	1360.00	611.21	0.00	0.05	0.00	506.82	49.00
	3966.000	1360.00	611.32	0.11	0.04	0.11	485.21	49.00
	4466.000	1360.00	611.3	0.00	0.09	0.00	720.00	500.00
	4466.000	1360.00	611.41	0.11	0.08	0.11	535.00	500.00
	4515.000	1360.00	611.31	0.00	0.01	0.00	800.00	49.00
	4515.000	1360.00	611.41	0.10	0.00	0.10	500.00	49.00
	4517.000	1360.00	611.31	0.00	0.00	0.00	600.00	2.00
*	4517.000	1360.00	611.42	0.11	0.01	0.11	500.00	2.00
	4568.000	1360.00	611.34	0.00	0.03	0.00	800.00	51.00
*	4568.000	1360.00	611.45	0.11	0.03	0.11	500.00	51.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4570.000	1360.00	611.34	0.00	0.00	0.00	800.00	2.00
4570.000	1360.00	611.45	0.11	0.00	0.11	500.00	2.00
4619.000	1360.00	611.35	0.00	0.01	0.00	700.00	49.00
4619.000	1360.00	611.47	0.12	0.02	0.12	604.21	49.00
5019.000	1360.00	611.36	0.00	0.01	0.00	594.33	400.00
5019.000	1360.00	611.48	0.12	0.02	0.12	395.00	400.00
5519.000	1360.00	611.65	0.00	0.29	0.00	386.89	500.00
5519.000	1360.00	611.76	0.11	0.27	0.11	370.43	500.00
5568.000	1360.00	611.45	0.00	-0.19	0.00	572.67	49.00
5568.000	1360.00	611.59	0.14	-0.17	0.14	470.00	49.00
5570.000	1360.00	611.46	0.00	0.01	0.00	571.72	2.00
5570.000	1360.00	611.82	0.37	0.23	0.37	479.11	2.00
5628.000	1360.00	612.16	0.00	0.70	0.00	700.00	58.00
5628.000	1360.00	612.14	-0.01	0.32	-0.01	460.00	58.00
5630.000	1360.00	612.10	0.00	-0.06	0.00	700.00	2.00
5630.000	1360.00	612.08	-0.02	-0.07	-0.02	460.00	2.00
5679.000	1360.00	612.25	0.00	0.15	0.00	432.74	49.00
5679.000	1360.00	612.31	0.06	0.23	0.06	431.00	49.00
6579.000	1360.00	612.62	0.00	0.37	0.00	105.00	900.00
6579.000	1360.00	612.68	0.06	0.37	0.06	84.98	900.00
6628.000	1360.00	612.67	0.00	0.05	0.00	85.85	49.00
6628.000	1360.00	612.74	0.07	0.06	0.07	61.52	49.00
6630.000	1360.00	612.51	0.00	-0.15	0.00	70.93	2.00
6630.000	1360.00	612.59	0.08	-0.15	0.08	68.58	2.00
6702.000	1360.00	613.51	0.00	1.00	0.00	200.00	72.00
6702.000	1360.00	613.52	0.01	0.93	0.01	200.00	72.00
6704.000	1360.00	613.72	0.00	0.21	0.00	200.00	2.00
6704.000	1360.00	613.73	0.01	0.21	0.01	185.00	2.00
6753.000	1360.00	613.88	0.00	0.15	0.00	295.00	49.00
6753.000	1360.00	613.89	0.01	0.16	0.01	295.00	49.00
7753.000	1360.00	614.01	0.00	0.13	0.00	960.65	1000.00
7753.000	1360.00	614.02	0.01	0.13	0.01	890.00	1000.00
8453.000	1360.00	614.09	0.00	0.09	0.00	539.51	700.00
8453.000	1360.00	614.11	0.01	0.09	0.01	537.00	700.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8953.000	1360.00	614.28	0.00	0.18	0.00	510.10	500.00
8953.000	1360.00	614.29	0.01	0.18	0.01	508.00	500.00
10300.000	1360.00	614.75	0.00	0.47	0.00	800.00	1347.00
10300.000	1360.00	614.75	0.01	0.47	0.01	800.00	1347.00
10349.000	1360.00	614.76	0.00	0.01	0.00	900.00	49.00
10349.000	1360.00	614.76	0.00	0.01	0.00	760.00	49.00
10351.000	1360.00	614.75	0.00	-0.01	0.00	900.00	2.00
10351.000	1360.00	614.75	0.01	-0.01	0.01	770.00	2.00
10364.000	1360.00	614.77	0.00	0.02	0.00	900.00	13.00
10364.000	1360.00	614.77	0.01	0.02	0.01	770.00	13.00
10366.000	1360.00	614.78	0.00	0.02	0.00	900.00	2.00
10366.000	1360.00	614.79	0.00	0.02	0.00	750.00	2.00
10415.000	1360.00	614.79	0.00	0.01	0.00	800.00	49.00
10415.000	1360.00	614.80	0.00	0.01	0.00	725.00	49.00
10765.000	1360.00	614.87	0.00	0.08	0.00	651.85	350.00
10765.000	1360.00	614.88	0.01	0.08	0.01	540.00	350.00
10814.000	1360.00	614.87	0.00	0.00	0.00	584.56	49.00
10814.000	1360.00	614.88	0.01	0.00	0.01	550.00	49.00
10816.000	1360.00	614.94	0.00	0.07	0.00	592.29	2.00
10816.000	1360.00	614.95	0.01	0.07	0.01	565.00	2.00
10824.000	1360.00	614.95	0.00	0.01	0.00	593.51	8.00
10824.000	1360.00	614.96	0.01	0.01	0.01	587.86	8.00
10826.000	1360.00	614.92	0.00	-0.03	0.00	589.90	2.00
10826.000	1360.00	614.93	0.01	-0.03	0.01	538.00	2.00
10875.000	1360.00	615.00	0.00	0.08	0.00	660.58	49.00
10875.000	1360.00	614.99	-0.01	0.06	-0.01	430.00	49.00
11175.000	1360.00	615.11	0.00	0.11	0.00	669.83	300.00
11175.000	1360.00	615.14	0.03	0.15	0.03	280.00	300.00
11224.000	1360.00	615.05	0.00	-0.03	0.00	243.26	49.00
11224.000	1360.00	615.14	0.07	0.02	0.07	241.00	49.00
11226.000	1360.00	615.08	0.00	0.01	0.00	243.30	2.00
11226.000	1360.00	615.14	0.07	0.03	0.07	241.53	2.00
11299.000	1360.00	615.11	0.00	0.04	0.00	245.03	73.00
11299.000	1360.00	615.18	0.07	0.04	0.07	243.23	73.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11301.000	1360.00	615.12	0.00	0.00	0.00	245.54	2.00
11301.000	1360.00	615.18	0.07	0.00	0.07	244.00	2.00
11350.000	1360.00	615.20	0.00	0.09	0.00	677.15	49.00
11350.000	1360.00	615.24	0.04	0.06	0.04	345.00	49.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 4517.000 PROFILE= 2 BRIDGE DECK DEFINITION ERROR

CAUTION SECNO= 4568.000 PROFILE= 2 BRIDGE DECK DEFINITION ERROR

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FLOODWAY DATA, 100-YEAR FREQUENCY FLOOD
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.000	176.	581.	2.3	608.1	608.1	0.0
49.000	271.	850.	1.6	608.2	608.2	0.0
51.000	276.	506.	2.7	608.1	608.1	0.0
220.000	197.	552.	2.5	608.7	608.6	0.1
222.000	195.	928.	1.5	608.7	608.6	0.1
271.000	175.	692.	2.0	608.7	608.6	0.1
1071.000	50.	356.	3.8	608.9	608.8	0.1
1120.000	24.	214.	6.4	608.8	608.7	0.1
1182.000	110.	333.	4.1	610.5	610.3	0.2
1231.000	210.	1159.	1.2	610.9	610.8	0.1
2131.000	565.	2206.	0.6	611.0	610.9	0.1
3331.000	470.	1979.	0.7	611.1	611.0	0.1
3380.000	500.	1723.	0.8	611.1	611.0	0.1
3382.000	520.	1625.	0.8	611.2	611.1	0.1
3390.000	520.	1626.	0.8	611.2	611.1	0.1
3392.000	501.	1730.	0.8	611.1	611.0	0.1
3441.000	459.	1968.	0.7	611.2	611.1	0.1
3641.000	497.	2075.	0.7	611.2	611.1	0.1
3690.000	500.	1399.	1.0	611.2	611.1	0.1
3692.000	500.	1318.	1.0	611.2	611.1	0.1
3703.000	500.	1320.	1.0	611.2	611.1	0.1
3705.000	500.	1407.	1.0	611.2	611.1	0.1
3754.000	470.	2097.	0.6	611.2	611.1	0.1
3854.000	426.	1457.	0.9	611.2	611.1	0.1
3903.000	500.	1226.	1.1	611.2	611.1	0.1
3905.000	500.	1208.	1.1	611.3	611.2	0.1
3915.000	524.	1232.	1.1	611.3	611.2	0.1
3917.000	524.	1261.	1.1	611.3	611.2	0.1
3966.000	485.	1577.	0.9	611.3	611.2	0.1
4466.000	535.	1858.	0.7	611.4	611.3	0.1
4515.000	500.	1525.	0.9	611.4	611.3	0.1
4517.000	500.	1291.	1.1	611.4	611.3	0.1
4568.000	500.	1302.	1.0	611.4	611.3	0.1
4570.000	500.	1544.	0.9	611.4	611.3	0.1
4619.000	604.	2043.	0.7	611.4	611.3	0.1
5019.000	395.	958.	1.4	611.5	611.4	0.1
5519.000	392.	853.	1.6	611.7	611.6	0.1
5566.000	470.	509.	2.7	611.6	611.5	0.1
5578.000	479.	573.	2.4	611.9	611.5	0.4
5628.000	466.	679.	2.0	612.2	612.2	0.0
5630.000	460.	685.	2.0	612.1	612.1	0.0
5679.000	431.	1103.	1.2	612.3	612.2	0.1

PRINTED IN U.S.A.

FLOODWAY DATA, 100-YEAR FREQUENCY FLOOD
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
6579.000	85.	426.	3.2	612.7	612.6	0.1
6628.000	62.	341.	4.0	612.8	612.7	0.1
6630.000	112.	229.	5.9	612.6	612.5	0.1
6702.000	200.	334.	4.1	613.5	613.5	0.0
6704.000	185.	504.	2.7	613.7	613.7	0.0
6753.000	295.	1482.	0.9	613.9	613.9	0.0
7753.000	890.	2315.	0.6	614.0	614.0	0.0
8453.000	537.	1286.	1.1	614.1	614.1	0.0
8953.000	508.	1146.	1.2	614.3	614.3	0.0
10300.000	800.	1938.	0.7	614.7	614.7	0.0
10349.000	760.	1933.	0.7	614.8	614.8	0.0
10351.000	770.	1473.	0.9	614.7	614.7	0.0
10364.000	770.	1479.	0.9	614.8	614.8	0.0
10366.000	750.	1936.	0.7	614.8	614.8	0.0
10415.000	725.	1876.	0.7	614.8	614.8	0.0
10765.000	540.	1300.	1.0	614.9	614.9	0.0
10814.000	550.	984.	1.4	614.9	614.9	0.0
10316.000	565.	994.	1.4	614.9	614.9	0.0
10824.000	588.	965.	1.4	615.0	615.0	0.0
10826.000	588.	1025.	1.3	614.9	614.9	0.0
10875.000	430.	1118.	1.2	615.0	615.0	0.0
11175.000	280.	939.	1.4	615.1	615.1	0.0
11224.000	241.	711.	1.9	615.2	615.1	0.1
11226.000	242.	697.	2.0	615.2	615.1	0.1
11299.000	243.	703.	1.9	615.2	615.1	0.1
11301.000	244.	720.	1.9	615.2	615.1	0.1
11350.000	345.	1111.	1.2	615.2	615.2	0.0

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THIS RUN EXECUTED 13 AUG 84 11:42:29

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF TAYLOR FLOOD INSURANCE STUDY
T2 SUTLIFF AND KENOPE DRAIN
T3 10-YEAR FREQUENCY FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	605.900	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.040	0.100	0.300	0.000	0.000	0.000	0.000	0.000
GT	4.000	335.000	515.000	610.000	870.000	0.000	0.000	0.000	0.000	0.000
X1	10.000	14.000	500.000	555.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	617.000	0.000	616.000	100.000	615.500	200.000	613.800	300.000	613.000	400.000
GR	612.500	500.000	603.000	517.000	599.500	523.000	599.600	536.000	612.500	555.000
GR	614.500	600.000	616.000	700.000	617.500	800.000	618.500	900.000	0.000	0.000
X1	550.000	16.000	500.000	578.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	617.000	0.000	615.000	100.000	613.000	200.000	617.000	300.000	615.300	400.000
GR	613.900	500.000	605.500	520.000	604.200	529.000	603.400	535.000	604.500	542.000
GR	605.700	555.000	614.300	578.000	616.000	600.000	619.000	700.000	618.000	800.000
GR	618.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1150.000	16.000	500.000	576.000	600.000	600.000	600.000	0.000	0.000	0.000
GR	620.900	0.000	620.500	100.000	619.500	200.000	619.600	300.000	618.600	400.000
GR	614.300	500.000	606.100	518.000	605.000	531.000	604.200	537.000	605.100	543.000
GR	606.400	556.000	614.800	576.000	618.300	700.000	620.000	800.000	621.000	900.000
GR	622.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2150.000	17.000	500.000	578.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	617.500	0.000	618.000	100.000	621.500	200.000	620.900	300.000	620.400	400.000
GR	615.500	500.000	607.600	518.000	606.500	531.000	605.900	538.000	606.700	545.000
GR	607.600	558.000	615.400	578.000	614.700	628.000	615.000	700.000	616.600	800.000
GR	617.200	900.000	617.600	1000.000	0.000	0.000	0.000	0.000	0.000	0.000

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X1	3150.000	17.000	500.000	567.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	620.600	0.000	620.400	100.000	618.300	200.000	615.700	300.000	615.000	400.000
GR	614.600	500.000	608.900	515.000	608.400	526.000	607.000	534.000	608.700	542.000
GR	608.900	550.000	614.800	567.000	614.700	600.000	615.600	700.000	616.400	800.000
GR	616.500	900.000	616.800	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4000.000	15.000	500.000	572.000	850.000	850.000	850.000	0.000	0.000	0.000
GR	624.600	0.000	624.400	100.000	624.200	200.000	622.000	300.000	620.000	400.000
GR	618.800	500.000	610.100	520.000	610.100	530.000	609.000	536.000	610.500	542.000
GR	618.100	572.000	620.400	700.000	620.600	800.000	621.200	900.000	620.500	1000.000
NC	0.070	0.070	0.015	0.500	0.800	0.000	0.000	0.000	0.000	0.000
X1	4049.000	18.000	400.000	432.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	625.000	0.000	624.500	100.000	624.000	200.000	622.600	300.000	618.900	400.000
GR	610.400	410.000	609.100	412.000	608.700	414.000	608.500	416.000	608.700	418.000
GR	609.100	420.000	610.500	422.000	619.200	432.000	622.000	482.000	622.600	500.000
GR	622.600	600.000	621.000	700.000	621.600	800.000	0.000	0.000	0.000	0.000
SB	0.000	1.830	2.630	0.000	12.000	0.000	78.000	0.000	608.500	608.500
X1	4202.000	0.000	0.000	0.000	153.000	153.000	153.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	616.400	622.300	0.000	0.000	0.000	0.000	0.000
BT	7.000	410.000	622.600	610.400	412.000	622.500	615.300	414.000	622.500	616.200
BT	416.000	622.500	616.500	418.000	622.400	616.200	420.000	622.400	615.300	422.000
BT	622.300	610.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.030	0.400	0.700	0.000	0.000	0.000	0.000	0.000
X1	4251.000	15.000	500.000	572.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	624.600	0.000	624.400	100.000	624.200	200.000	622.000	300.000	620.000	400.000
GR	618.800	500.000	610.100	520.000	610.100	530.000	609.000	536.000	610.500	542.000
GR	618.100	572.000	620.400	700.000	620.600	800.000	621.200	900.000	620.500	1000.000
X1	4800.000	0.000	0.000	0.000	549.000	549.000	549.000	0.000	2.900	0.000
X1	5900.000	14.000	400.000	440.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
GR	622.000	0.000	621.500	100.000	621.000	200.000	620.500	300.000	619.800	400.000
GR	615.100	418.000	614.700	420.000	615.100	422.000	620.500	440.000	622.000	500.000
GR	622.000	600.000	620.900	700.000	620.900	300.000	621.900	900.000	0.000	0.000
X1	7350.000	14.000	400.000	421.000	1450.000	1450.000	1450.000	0.000	0.000	0.000
GR	624.500	0.000	624.000	100.000	623.500	200.000	623.200	300.000	623.100	400.000
GR	621.600	406.000	620.800	412.000	621.500	418.000	623.200	421.000	623.500	500.000
GR	624.000	600.000	624.500	700.000	624.800	800.000	625.000	900.000	0.000	0.000
NC	0.070	0.070	0.024	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	7399.000	19.000	500.000	521.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	624.500	0.000	624.500	100.000	624.000	200.000	623.200	300.000	622.600	400.000
GR	623.500	500.000	621.300	505.000	620.700	508.500	620.600	509.000	620.500	510.000
GR	620.600	511.000	620.700	511.500	621.400	515.000	623.700	521.000	623.700	600.000
GR	624.000	700.000	624.500	800.000	624.800	900.000	625.000	1000.000	0.000	0.000

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SB	0.000	1.560	2.630	0.000	3.000	0.000	2.800	0.000	620.500	620.500
X1	7415.000	0.000	0.000	0.000	16.000	16.000	16.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	621.800	623.500	0.000	0.000	0.000	0.000	0.000
BT	15.000	0.000	624.500	0.000	100.000	624.500	0.000	300.000	623.200	0.000
BT	400.000	622.600	0.000	500.000	623.500	0.000	508.500	623.500	620.700	509.000
BT	623.500	621.500	510.000	623.500	621.800	511.000	623.500	621.500	511.500	623.500
BT	620.700	521.000	623.700	0.000	600.000	623.700	0.000	700.000	624.000	0.000
BT	800.000	625.500	0.000	1000.000	625.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.024	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	7464.000	14.000	400.000	421.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	624.500	0.000	624.000	100.000	623.500	200.000	623.200	300.000	623.100	400.000
GR	621.600	406.000	620.800	412.000	621.500	418.000	623.200	421.000	623.500	500.000
GR	624.000	600.000	624.500	700.000	624.800	800.000	625.000	900.000	0.000	0.000
X1	8564.000	15.000	500.000	538.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
GR	626.400	0.000	626.000	100.000	626.000	200.000	624.700	300.000	624.100	400.000
GR	624.700	500.000	623.100	505.000	622.200	519.000	621.800	525.000	622.300	531.000
GR	624.800	538.000	624.700	600.000	625.400	700.000	626.000	800.000	626.400	900.000
NC	0.070	0.070	0.030	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	8613.000	19.000	500.000	528.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	626.500	0.000	625.800	100.000	625.000	200.000	625.000	300.000	624.600	400.000
GR	625.200	500.000	622.300	507.000	621.500	513.500	621.400	514.000	621.300	515.000
GR	621.400	516.000	621.500	516.500	622.100	521.000	624.900	528.000	625.000	600.000
GR	625.400	700.000	626.000	800.000	626.000	900.000	625.900	1000.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	3.000	0.000	4.000	0.000	621.300	621.300
X1	8630.000	0.000	0.000	0.000	17.000	17.000	17.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	623.000	625.100	0.000	0.000	0.000	0.000	0.000
BT	14.000	0.000	626.500	0.000	100.000	625.800	0.000	200.000	625.000	0.000
BT	400.000	624.600	0.000	500.000	625.200	0.000	513.500	625.100	621.500	514.000
BT	625.100	622.600	515.000	625.100	623.000	516.000	625.100	622.600	516.500	625.100
BT	621.500	528.000	624.900	0.000	600.000	625.000	0.000	800.000	626.000	0.000
BT	1000.000	625.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.030	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	8679.000	15.000	500.000	538.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	626.400	0.000	626.000	100.000	626.000	200.000	624.700	300.000	624.100	400.000
GR	624.700	500.000	623.100	505.000	622.200	519.000	621.800	525.000	622.300	531.000
GR	624.800	538.000	624.700	600.000	625.400	700.000	626.000	800.000	626.400	900.000
X1	9239.000	15.000	500.000	518.000	560.000	560.000	560.000	0.000	0.000	0.000
GR	626.400	0.000	626.000	100.000	625.000	200.000	625.000	300.000	625.000	400.000
GR	624.600	500.000	623.400	505.000	622.700	509.000	622.900	513.000	624.800	518.000
GR	625.400	600.000	625.500	700.000	626.200	800.000	627.500	900.000	627.700	1000.000
NC	0.070	0.070	0.024	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	9288.000	21.000	500.000	521.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	626.400	0.000	625.900	100.000	625.000	200.000	625.000	300.000	625.000	400.000
GR	625.400	500.000	623.200	505.000	623.000	511.000	622.600	511.200	622.600	511.600
GR	622.500	512.000	622.600	512.400	622.600	512.800	623.000	513.000	623.000	516.000
GR	625.100	521.000	625.800	600.000	625.900	700.000	626.200	800.000	627.600	900.000

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GR	627.600	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	2.000	0.000	2.800	0.000	622.500	622.500
X1	9300.000	0.000	0.000	0.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	624.100	625.300	0.000	0.000	0.000	0.000	0.000
BT	17.000	0.000	626.400	0.000	100.000	625.900	0.000	200.000	625.000	0.000
BT	400.000	625.000	0.000	500.000	625.400	0.000	511.000	625.300	623.000	511.200
BT	625.300	623.800	511.600	625.300	624.000	512.000	625.300	624.100	512.400	625.300
BT	624.000	512.800	625.300	623.800	513.000	625.200	623.000	521.000	625.100	0.000
BT	600.000	625.800	0.000	800.000	626.200	0.000	900.000	627.600	0.000	1000.000
BT	627.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.024	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	9349.000	15.000	500.000	518.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	626.400	0.000	626.000	100.000	625.000	200.000	625.000	300.000	625.000	400.000
GR	624.600	500.000	623.400	505.000	622.700	509.000	622.900	513.000	624.800	518.000
GR	625.400	600.000	625.500	700.000	626.200	800.000	627.500	900.000	627.700	1000.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*PROF 1									
CCHV= 0.100 CEHV= 0.300									
*SECNO 10.000									
10.00	6.40	605.90	0.00	605.90	605.98	0.08	0.00	0.00	612.50
335.	0.	335.	0.	0.	147.	0.	0.	0.	612.50
0.00	0.00	2.28	0.00	0.070	0.040	0.070	0.000	599.50	511.81
0.000598	0.	0.	0.	0	0	0	0.00	33.47	545.28
*SECNO 550.000									
550.00	3.12	606.52	0.00	0.00	606.87	0.36	0.81	0.08	613.90
335.	0.	335.	0.	0.	70.	0.	1.	0.	614.30
0.03	0.00	4.80	0.00	0.070	0.040	0.070	0.000	603.40	517.58
0.008010	550.	550.	550.	3	0	0	0.00	39.60	557.18
*SECNO 1150.000									
1150.00	4.23	608.43	0.00	0.00	608.53	0.11	1.63	0.03	614.30
335.	0.	335.	0.	0.	129.	0.	3.	1.	614.80
0.10	0.00	2.60	0.00	0.070	0.040	0.070	0.000	604.20	512.89
0.001356	600.	600.	600.	3	0	0	0.00	47.94	560.83
*SECNO 2150.000									
2150.00	3.90	609.80	0.00	0.00	609.90	0.10	1.37	0.00	615.50
335.	0.	335.	0.	0.	131.	0.	6.	2.	615.40
0.20	0.00	2.56	0.00	0.070	0.040	0.070	0.000	605.90	512.98
0.001379	1000.	1000.	1000.	4	0	0	0.00	50.67	563.65
*SECNO 3150.000									
3150.00	4.30	611.30	0.00	0.00	611.42	0.12	1.51	0.00	614.60
335.	0.	335.	0.	0.	121.	0.	9.	3.	614.80
0.30	0.00	2.76	0.00	0.070	0.040	0.070	0.000	607.00	508.69
0.001663	1000.	1000.	1000.	2	0	0	0.00	48.23	556.91
*SECNO 4000.000									
4000.00	4.08	613.08	0.00	0.00	613.28	0.20	1.84	0.02	618.80
335.	0.	335.	0.	0.	94.	0.	11.	4.	618.10
0.37	0.00	3.55	0.00	0.070	0.040	0.070	0.000	609.00	513.14
0.002929	850.	850.	850.	2	0	0	0.00	39.05	552.20

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.500 CEHV= 0.800

*SECNO 4049.000

4049.00	4.59	613.09	0.00	0.00	613.64	0.55	0.08	0.29	618.90
335.	0.	335.	0.	0.	56.	0.	11.	4.	619.20
0.37	0.00	5.97	0.00	0.070	0.015	0.070	0.000	608.50	406.83
0.000982	49.	49.	49.	2	0	0	0.00	18.14	424.98

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.83	2.63	0.00	12.00	0.00	78.00	0.00	608.50	608.50

*SECNO 4202.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 613.644 ELLC= 616.400 PCWSE= 613.090 ELTRD= 622.300

3370 NORMAL BRIDGE,NRD= 7 MIN ELTRD= 622.30 MAX ELLC= 616.40

4202.00	4.77	613.27	0.00	0.00	613.82	0.55	0.18	0.00	618.90
335.	0.	335.	0.	0.	56.	0.	11.	4.	619.20
0.38	0.00	5.97	0.00	0.070	0.015	0.070	0.000	608.50	406.62
0.001416	153.	153.	153.	2	0	0	-3.28	18.56	425.18

CCHV= 0.400 CEHV= 0.700

*SECNO 4251.000

4251.00	4.95	613.95	0.00	0.00	614.05	0.10	0.05	0.18	618.80
335.	0.	335.	0.	0.	130.	0.	11.	4.	618.10
0.39	0.00	2.57	0.00	0.070	0.030	0.070	0.000	609.00	511.16
0.000668	49.	49.	49.	3	0	0	0.00	44.45	555.61

*SECNO 4800.000

3301 HV CHANGED MORE THAN HVINS

4800.00	2.80	614.70	0.00	0.00	615.41	0.71	0.93	0.43	621.70
335.	0.	335.	0.	0.	50.	0.	12.	5.	621.00
0.41	0.00	6.76	0.00	0.070	0.030	0.070	0.000	611.90	516.09
0.010356	549.	549.	549.	2	0	0	0.00	31.05	547.14

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 5900.000									
5900.00	4.79	619.49	0.00	0.00	619.72	0.23	4.12	0.19	619.80
335.	0.	335.	0.	0.	87.	0.	14.	6.	620.50
0.49	0.00	3.85	C.00	C.070	0.030	0.070	0.000	614.70	401.24
0.001912	1100.	1100.	1100.	4	0	0	0.00	35.36	436.59
*SECNO 7350.000									
7185 MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
7350.00	2.91	623.71	623.71	0.00	624.C2	0.31	4.18	0.06	623.10
335.	83.	230.	22.	95.	43.	32.	18.	13.	623.20
0.59	0.87	5.40	0.69	0.070	0.030	0.070	0.000	620.80	159.00
0.004848	1450.	145C.	1450.	5	19	0	0.00	382.01	541.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 7399.000									
7399.00	3.61	624.11	0.00	0.00	624.17	0.07	0.08	0.07	623.50
335.	167.	151.	17.	280.	5C.	60.	19.	13.	623.70
0.60	0.60	3.00	0.29	0.070	0.024	0.070	0.000	620.50	177.76
0.000787	49.	49.	49.	2	0	0	0.00	544.47	722.24

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	2.80	0.00	620.50	620.50

*SECNO 7415.000
6870 D.S. ENERGY OF 624.17 HIGHER THAN COMPUTED ENERGY OF 624.15
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
970.85	624.17	C.00	329.	4.	3.	4.	621.80	623.50
7415.00	3.60	624.10	C.00	C.00	624.17	0.07	0.00	0.00	623.50
335.	167.	151.	17.	278.	5C.	59.	19.	13.	623.70
0.60	0.60	3.03	0.29	0.070	0.024	0.070	0.000	620.50	178.99
0.000801	16.	16.	16.	2	0	12	0.00	542.03	721.01

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 7464.000

7464.00	3.33	624.13	0.00	0.00	624.22	0.09	0.04	0.01	623.10
335.	118.	170.	47.	218.	52.	103.	19.	14.	623.20
0.61	0.54	3.29	0.46	0.070	0.024	0.070	0.000	620.80	72.38
0.000891	49.	49.	49.	1	0	0	0.00	555.25	627.62

*SECNO 8564.000

8564.00	3.26	625.06	0.00	0.00	625.18	0.12	0.95	0.01	624.70
335.	63.	265.	7.	138.	87.	29.	27.	26.	624.80
0.73	0.46	3.06	0.25	0.070	0.024	0.070	0.000	621.80	272.13
0.000835	1100.	1100.	1100.	0	0	0	0.00	379.63	651.76

CCHV= 0.300 CEHV= 0.500

*SECNO 8613.000

3265 DIVIDED FLOW

8613.00	3.71	625.01	624.17	0.00	625.37	0.35	0.07	0.12	625.20
335.	15.	319.	1.	37.	65.	5.	27.	26.	624.90
0.73	0.42	4.90	0.19	0.070	0.030	0.070	0.000	621.30	198.25
0.003285	49.	49.	49.	4	12	0	0.00	373.82	603.51

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	3.00	0.00	4.00	0.00	621.30	621.30

*SECNO 8630.000

6870 D.S. ENERGY OF 625.37 HIGHER THAN COMPUTED ENERGY OF 625.31

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
794.92	625.37	0.00	321.	14.	4.	5.	623.00	625.10

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
8630.00	3.73	625.03	0.00	0.00	625.37	0.34	0.00	0.00	625.20
335.	18.	316.	1.	43.	66.	6.	27.	26.	624.90
0.73	0.42	4.80	0.23	0.070	0.030	0.070	0.000	621.30	195.50
0.003133	17.	17.	17.	3	0	0	0.00	385.77	609.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8679.000

8679.00	3.60	625.40	0.00	0.00	625.45	0.04	0.05	0.03	624.70
335.	102.	210.	23.	221.	100.	76.	28.	27.	624.80
0.74	0.46	2.10	0.31	0.070	0.030	0.070	0.000	621.80	245.63
0.000512	49.	49.	49.	2	0	0	0.00	455.50	701.13

*SECNO 9239.000

9239.00	3.10	625.80	0.00	0.00	625.84	0.04	0.40	0.00	624.60
335.	176.	115.	44.	293.	42.	99.	33.	34.	624.80
0.86	0.60	2.75	0.45	0.070	0.030	0.070	0.000	622.70	119.82
0.001044	560.	560.	560.	3	0	0	0.00	623.30	743.12

CCHV= 0.300 CEHV= 0.500
*SECNO 9288.000

9288.00	3.33	625.83	0.00	0.00	625.93	0.10	0.05	0.03	625.40
335.	156.	167.	12.	269.	48.	31.	33.	34.	625.10
0.87	0.58	3.49	0.38	0.070	0.024	0.070	0.000	622.50	107.35
0.001156	49.	49.	49.	1	0	0	0.00	526.46	633.81

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	2.00	0.00	2.80	0.00	622.50	622.50

*SECNO 9300.000
6870 D.S. ENERGY OF 625.93 HIGHER THAN COMPUTED ENERGY OF 625.87
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
972.57	625.93	0.00	332.	4.	3.	3.	624.10	625.30

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
9300.00	3.33	625.83	0.00	0.00	625.93	0.10	0.00	0.00	625.40
335.	155.	169.	11.	266.	48.	30.	33.	34.	625.10
0.87	0.58	3.53	0.38	C.070	0.024	0.070	0.000	622.50	108.19
0.001184	12.	12.	12.	2	0	13	0.00	518.11	626.30

CCHV= 0.100 CEHV= 0.300
*SECNO 9349.000

9349.00	3.23	625.93	0.00	0.00	625.97	0.04	0.04	0.01	624.60
335.	168.	118.	49.	342.	44.	129.	34.	35.	624.80
0.88	0.49	2.68	0.38	0.070	0.024	0.070	0.000	622.70	107.04
0.000592	49.	49.	49.	2	0	0	0.00	654.34	761.38

PRINTED IN U.S.A.

THIS RUN EXECUTED 13 AUG 84 11:42:40

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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T1      CITY OF TAYLOR FLOOD INSURANCE STUDY
T2      SUTLIFF AND KENOPE DRAIN
T3      50-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       3.        0.        0.  0.000000      0.00      0.0       0.   607.200     0.000

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    2.000      0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*PROF 2									
CCHV= 0.100 CEHV= 0.300									
*SECNO 10.000									
10.00	7.70	607.20	0.00	607.20	607.31	0.11	0.00	0.00	612.50
515.	0.	515.	0.	0.	193.	0.	0.	0.	612.50
0.00	0.00	2.66	0.00	0.070	0.040	0.070	0.000	599.50	509.48
0.000672	0.	0.	0.	0	0	0	0.00	37.71	547.19
*SECNO 550.000									
550.00	4.40	607.80	0.00	0.00	608.06	0.26	0.71	0.05	613.90
515.	0.	515.	0.	0.	125.	0.	2.	1.	614.30
0.04	0.00	4.13	0.00	0.070	0.040	0.070	0.000	603.40	514.52
0.003378	550.	550.	550.	2	0	0	0.00	46.09	560.62
*SECNO 1150.000									
1150.00	5.01	609.21	0.00	0.00	609.36	0.15	1.28	0.01	614.30
515.	0.	515.	0.	0.	168.	0.	4.	1.	614.80
0.09	0.00	3.07	0.00	0.070	0.040	0.070	0.000	604.20	511.17
0.001474	600.	600.	600.	2	0	0	0.00	51.52	562.69
*SECNO 2150.000									
2150.00	4.75	610.65	0.00	0.00	610.78	0.13	1.42	0.00	615.50
515.	0.	515.	0.	0.	175.	0.	8.	2.	615.40
0.19	0.00	2.94	0.00	0.070	0.040	0.070	0.000	605.90	511.06
0.001371	1000.	1000.	1000.	3	0	0	0.00	54.75	565.81
*SECNO 3150.000									
3150.00	5.13	612.13	0.00	0.00	612.29	0.15	1.50	0.01	614.60
515.	0.	515.	0.	0.	164.	0.	12.	4.	614.80
0.27	0.00	3.15	0.00	0.070	0.040	0.070	0.000	607.00	506.49
0.001651	1000.	1000.	1000.	2	0	0	0.00	52.82	559.32
*SECNO 4000.000									
4000.00	4.90	613.90	0.00	0.00	614.15	0.25	1.83	0.03	618.80
515.	0.	515.	0.	0.	128.	0.	15.	5.	618.10
0.33	0.00	4.01	0.00	0.070	0.040	0.070	0.000	609.00	511.27
0.002940	850.	850.	850.	2	0	0	0.00	44.14	555.41

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.500 CEHV= 0.800
*SECNO 4049.000

3301 HV CHANGED MORE THAN HVINS

4049.00	5.38	613.88	0.00	0.00	614.69	0.82	0.09	0.45	618.90
515.	0.	515.	0.	0.	71.	0.	15.	5.	619.20
0.33	0.00	7.25	0.00	0.070	0.015	0.070	0.000	608.50	405.91
0.001219	49.	49.	49.	2	0	0	0.00	19.97	425.88

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.83	2.63	0.00	12.00	0.00	78.00	0.00	608.50	608.50

*SECNO 4202.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 614.691 ELLC= 616.400 PCWSE= 613.876 ELTRD= 622.300

3370 NORMAL BRIDGE,NRD= 7 MIN ELTRD= 622.30 MAX ELLC= 616.40

4202.00	5.60	614.10	0.00	0.00	614.94	0.84	0.23	0.02	618.90
515.	0.	515.	0.	0.	70.	0.	15.	5.	619.20
0.34	0.00	7.34	0.00	0.070	0.015	0.070	0.000	608.50	405.64
0.001929	153.	153.	153.	2	0	0	-5.51	20.50	426.14

CCHV= 0.400 CEHV= 0.700
*SECNO 4251.000

3301 HV CHANGED MORE THAN HVINS

4251.00	6.16	615.16	0.00	0.00	615.27	0.12	0.05	0.29	618.80
515.	0.	515.	0.	0.	189.	0.	15.	5.	618.10
0.35	0.00	2.73	0.00	0.070	0.030	0.070	0.000	609.00	508.37
0.000569	49.	49.	49.	3	0	0	0.00	52.02	560.39

*SECNO 4800.000

4800.00	3.83	615.73	0.00	0.00	616.30	0.57	0.71	0.32	621.70
515.	0.	515.	0.	0.	85.	0.	17.	5.	621.00
0.37	0.00	6.08	0.00	0.070	0.030	0.070	0.000	611.90	513.72
0.005275	549.	549.	549.	2	0	0	0.00	37.48	551.20

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 5900.000									
5900.00	5.28	619.98	0.00	0.00	620.35	0.37	3.96	0.08	619.80
515.	1.	514.	0.	2.	106.	0.	19.	7.	620.50
0.43	0.22	4.87	0.00	0.070	0.030	0.070	0.000	614.70	373.86
0.002617	1100.	1100.	1100.	4	0	0	0.00	64.41	438.28
*SECNO 7350.000									
7350.00	3.33	624.13	0.00	0.00	624.28	0.15	3.85	0.09	623.10
515.	201.	235.	79.	215.	51.	101.	27.	17.	623.20
0.59	0.93	4.56	0.79	0.070	0.030	0.070	0.000	620.80	74.27
0.002688	1450.	1450.	1450.	5	0	0	0.00	551.46	625.73
CCHV= 0.300 CEHV= 0.500									
*SECNO 7399.000									
7399.00	3.79	624.29	0.00	0.00	624.38	0.09	0.08	0.02	623.50
515.	267.	205.	43.	339.	54.	98.	28.	18.	623.70
0.60	0.79	3.81	0.44	0.070	0.024	0.070	0.000	620.50	142.60
0.001150	49.	49.	49.	2	0	0	0.00	614.80	757.40

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	2.80	0.00	620.50	620.50

*SECNO 7415.000
6870 D.S. ENERGY OF 624.38 HIGHER THAN COMPUTED ENERGY OF 624.34
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1443.76	624.38	0.00	515.	4.	3.	4.	621.80	623.50
7415.00	3.79	624.29	0.00	0.00	624.38	0.09	0.00	0.00	623.50
515.	267.	205.	43.	340.	54.	98.	28.	18.	623.70
0.60	0.79	3.81	0.44	0.070	0.024	0.070	0.000	620.50	142.50
0.001149	16.	16.	16.	2	0	12	0.00	614.99	757.50

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 7464.000

7464.00	3.53	624.33	0.00	0.00	624.44	0.11	0.06	0.01	623.10
515.	202.	224.	89.	288.	56.	148.	28.	18.	623.20
0.61	0.70	4.00	0.60	0.070	0.024	0.070	0.000	620.80	32.41
0.001188	49.	49.	49.	1	0	0	0.00	635.17	667.59

*SECNO 8564.000

8564.00	3.63	625.43	0.00	0.00	625.55	0.12	1.10	0.00	624.70
515.	137.	345.	33.	227.	101.	81.	40.	32.	624.80
0.73	0.61	3.42	0.41	0.070	0.024	0.070	0.000	621.80	243.69
0.000856	1100.	1100.	1100.	1	0	0	0.00	461.66	705.35

CCHV= 0.300 CEHV= 0.500

*SECNO 8613.000

8613.00	4.13	625.43	0.00	0.00	625.68	0.25	0.07	0.06	625.20
515.	118.	365.	32.	170.	77.	58.	40.	33.	624.90
0.73	0.69	4.77	0.56	0.070	0.030	0.070	0.000	621.30	146.29
0.002558	49.	49.	49.	2	0	0	0.00	558.65	704.95

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	4.00	0.00	621.30	621.30

*SECNO 8630.000

6870 D.S. ENERGY OF 625.68 HIGHER THAN COMPUTED ENERGY OF 625.54

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1026.97	625.68	0.00	508.	9.	4.	5.	623.00	625.10

8630.00	4.15	625.45	0.00	0.00	625.68	0.23	0.00	0.00	625.20
515.	123.	358.	34.	179.	77.	62.	40.	33.	624.90
0.73	0.68	4.62	0.56	0.070	0.030	0.070	0.000	621.30	143.16
0.002380	17.	17.	17.	2	0	11	0.00	565.96	709.12

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 8679.000									
8679.00	3.90	625.70	0.00	0.00	625.75	0.06	0.05	0.02	624.70
515.	178.	279.	58.	298.	111.	131.	41.	34.	624.80
0.74	0.60	2.52	0.44	0.070	0.030	0.070	0.000	621.80	223.20
0.000637	49.	49.	49.	2	0	0	0.00	526.55	749.74
*SECNO 9239.000									
9239.00	3.44	626.14	0.00	0.00	626.17	0.04	0.42	0.00	624.60
515.	287.	132.	96.	424.	48.	181.	49.	42.	624.80
0.87	0.68	2.77	0.53	0.070	0.030	0.070	0.000	622.70	67.68
0.000892	560.	560.	560.	2	0	0	0.00	722.22	789.90
CCHV= 0.300 CEHV= 0.500									
*SECNO 9288.000									
9288.00	3.66	626.16	0.00	0.00	626.24	0.08	0.05	0.02	625.40
515.	277.	195.	43.	410.	55.	101.	49.	43.	625.10
0.88	0.68	3.55	0.42	0.070	0.024	0.070	0.000	622.50	46.08
0.000993	49.	49.	49.	1	0	0	0.00	743.80	789.87

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	2.00	0.00	2.80	0.00	622.50	622.50

*SECNO 9300.000

6870 D.S. ENERGY OF 626.24 HIGHER THAN COMPUTED ENERGY OF 626.21

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1445.64	626.24	0.00	511.	4.	3.	3.	624.10	625.30

9300.00	3.66	626.16	0.00	0.00	626.24	0.08	0.00	0.00	625.40
515.	277.	196.	42.	407.	55.	99.	49.	43.	625.10
0.88	0.68	3.58	0.43	0.070	0.024	0.070	0.000	622.50	47.66
0.001016	12.	12.	12.	2	0	12	0.00	739.58	787.24

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 9349.000

9349.00	3.54	626.24	0.00	0.00	626.28	0.04	0.04	0.00	624.60
515.	274.	143.	98.	475.	50.	212.	50.	44.	624.80
0.89	0.58	2.88	0.46	0.070	0.024	0.070	0.000	622.70	39.21
0.000582	49.	49.	49.	2	0	0	0.00	764.11	803.32

PRINTED IN U.S.A.

THIS RUN EXECUTED 13 AUG 84 11:42:46

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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T1      CITY OF TAYLOR FLOOD INSURANCE STUDY
T2      SUTLIFF AND KENOPE DRAIN
T3      100-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       4.        0.        0.  0.000000      0.00      0.0       0.   608.750     0.000

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    3.000      0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*PROF 3									
CCHV= 0.100 CEHV= 0.300									
*SECNO 10.000									
10.00	9.25	608.75	0.00	608.75	608.84	0.09	0.00	0.00	612.50
610.	0.	610.	0.	0.	256.	0.	0.	0.	612.50
0.00	0.00	2.38	0.00	0.070	0.040	0.070	0.000	599.50	506.71
0.000443	0.	0.	0.	0	0	0	0.00	42.77	549.48
*SECNO 550.000									
550.00	5.70	609.10	0.00	0.00	609.26	0.16	0.40	0.02	613.90
610.	0.	610.	0.	0.	189.	0.	3.	1.	614.30
0.05	0.00	3.23	0.00	0.070	0.040	0.070	0.000	603.40	511.43
0.001430	550.	550.	550.	2	0	0	0.00	52.67	564.09
*SECNO 1150.000									
1150.00	5.70	609.90	0.00	0.00	610.04	0.14	0.77	0.00	614.30
610.	0.	610.	0.	0.	204.	0.	6.	1.	614.80
0.10	0.00	2.99	0.00	0.070	0.040	0.070	0.000	604.20	509.66
0.001165	600.	600.	600.	2	0	0	0.00	54.66	564.33
*SECNO 2150.000									
2150.00	5.22	611.12	0.00	0.00	611.26	0.14	1.22	0.00	615.50
610.	0.	610.	0.	0.	201.	0.	10.	3.	615.40
0.19	0.00	3.03	0.00	0.070	0.040	0.070	0.000	605.90	509.99
0.001279	1000.	1000.	1000.	2	0	0	0.00	57.03	567.01
*SECNO 3150.000									
3150.00	5.53	612.53	0.00	0.00	612.70	0.17	1.44	0.01	614.60
610.	0.	610.	0.	0.	185.	0.	15.	4.	614.80
0.28	0.00	3.30	0.00	0.070	0.040	0.070	0.000	607.00	505.44
0.001622	1000.	1000.	1000.	2	0	0	0.00	55.03	560.47
*SECNO 4000.000									
4000.00	5.27	614.27	0.00	0.00	614.55	0.27	1.81	0.03	618.80
610.	0.	610.	0.	0.	145.	0.	18.	5.	618.10
0.34	0.00	4.20	0.00	0.070	0.040	0.070	0.000	609.00	510.41
0.002930	850.	850.	850.	2	0	0	0.00	46.47	556.88

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.500 CEHV= 0.800
*SECNO 4049.000

3301 HV CHANGED MORE THAN HVINS

4049.00	5.73	614.23	0.00	0.00	615.17	0.94	0.09	0.53	618.90
610.	0.	610.	0.	0.	78.	0.	18.	5.	619.20
0.34	0.00	7.79	0.00	0.070	0.015	0.070	0.000	608.50	405.49
0.001314	49.	49.	49.	2	0	0	0.00	20.80	426.29

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.83	2.63	0.00	12.00	0.00	78.00	0.00	608.50	608.50

*SECNO 4202.000

6070, LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 615.174 ELLC= 616.400 PCWSE= 614.232 ELTRD= 622.300

3370 NORMAL BRIDGE, NRD= 7 MIN ELTRD= 622.30 MAX ELLC= 616.40

4202.00	5.98	614.48	0.00	0.00	615.46	0.98	0.25	0.03	618.90
610.	0.	610.	0.	0.	77.	0.	18.	5.	619.20
0.34	0.00	7.94	0.00	0.070	0.015	0.070	0.000	608.50	405.20
0.002165	153.	153.	153.	2	0	0	-6.70	21.37	426.57

CCHV= 0.400 CEHV= 0.700
*SECNO 4251.000

3301 HV CHANGED MORE THAN HVINS

4251.00	6.73	615.73	0.00	0.00	615.85	0.12	0.05	0.34	618.80
610.	0.	610.	0.	0.	219.	0.	18.	5.	618.10
0.35	0.00	2.78	0.00	0.070	0.030	0.070	0.000	609.00	507.07
0.000530	49.	49.	49.	3	0	0	0.00	55.56	562.63

*SECNO 4800.000

4800.00	4.33	616.23	0.00	0.00	616.76	0.53	0.63	0.29	621.70
610.	0.	610.	0.	0.	104.	0.	20.	6.	621.00
0.37	0.00	5.84	0.00	0.070	0.030	0.070	0.000	611.90	512.56
0.004115	549.	549.	549.	2	0	0	0.00	40.63	553.19

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 5900.000									
5900.00	5.48	620.18	0.00	0.00	620.62	0.44	3.82	0.03	619.80
610.	4.	606.	0.	10.	113.	0.	23.	7.	620.50
0.43	0.38	5.37	0.00	0.070	0.030	0.070	0.000	614.70	346.92
0.002975	1100.	1100.	1100.	3	0	0	0.00	91.98	438.91
*SECNO 7350.000									
7350.00	3.50	624.30	0.00	0.00	624.42	0.12	3.67	0.13	623.10
610.	259.	238.	113.	277.	55.	141.	33.	19.	623.20
0.61	0.94	4.31	0.80	0.070	0.030	0.070	0.000	620.80	38.45
0.002182	1450.	1450.	1450.	5	0	0	0.00	623.10	661.55

CCHV= 0.300 CEHV= 0.500

*SECNO 7399.000									
7399.00	3.91	624.41	0.00	0.00	624.51	0.09	0.08	0.01	623.50
610.	322.	222.	66.	390.	57.	132.	34.	20.	623.70
0.62	0.83	3.92	0.50	0.070	0.024	0.070	0.000	620.50	115.49
0.001139	49.	49.	49.	1	0	0	0.00	669.01	784.51

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	2.80	0.00	620.50	620.50

*SECNO 7415.000
6870 D.S. ENERGY OF 624.51 HIGHER THAN COMPUTED ENERGY OF 624.47
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1774.11	624.51	0.00	602.	4.	3.	4.	621.80	623.50

7415.00	3.91	624.41	0.00	0.00	624.51	0.10	0.00	0.00	623.50
610.	322.	224.	65.	386.	56.	129.	34.	20.	623.70
0.62	0.83	3.96	0.50	0.070	0.024	0.070	0.000	620.50	117.61
0.001170	16.	16.	16.	2	0	11	0.00	664.78	782.39

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 7464.000									
7464.00	3.66	624.46	0.00	0.00	624.57	0.11	0.06	0.00	623.10
610.	251.	241.	117.	337.	59.	182.	35.	21.	623.20
0.63	0.75	4.12	0.64	0.070	0.024	0.070	0.000	620.80	6.43
0.001180	49.	49.	49.	0	0	0	0.00	687.15	693.57
*SECNO 8564.000									
8564.00	3.77	625.57	0.00	0.00	625.70	0.13	1.12	0.01	624.70
610.	176.	383.	50.	264.	106.	106.	48.	36.	624.80
0.75	0.67	3.61	0.47	0.070	0.024	0.070	0.000	621.80	232.69
0.000888	1100.	1100.	1100.	1	0	0	0.00	496.48	729.17
CCHV= 0.300 CEHV= 0.500									
*SECNO 8613.000									
8613.00	4.29	625.59	0.00	0.00	625.80	0.21	0.07	0.04	625.20
610.	175.	379.	56.	229.	81.	88.	48.	37.	624.90
0.75	0.76	4.67	0.64	0.070	0.030	0.070	0.000	621.30	126.29
0.002278	49.	49.	49.	2	0	0	0.00	605.33	731.62

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	4.00	0.00	621.30	621.30

*SECNO 8630.000

6870 D.S. ENERGY OF 625.80 HIGHER THAN COMPUTED ENERGY OF 625.68

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1188.94	625.80	0.00	601.	8.	4.	5.	623.00	625.10
8630.00	4.30	625.60	0.00	0.00	625.80	0.21	0.00	0.00	625.20
610.	177.	376.	58.	233.	81.	90.	49.	37.	624.90
0.76	0.76	4.61	0.64	0.070	0.030	0.070	0.000	621.30	124.90
0.002208	17.	17.	17.	2	0	9	0.00	608.58	733.47

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 8679.000									
8679.00	4.01	625.81	0.00	0.00	625.87	0.06	0.06	0.01	624.70
610.	219.	313.	77.	330.	115.	156.	49.	37.	624.80
0.76	0.66	2.72	0.50	C.070	0.030	0.070	0.000	621.80	214.41
0.000707	49.	49.	49.	2	0	0	0.00	554.38	768.78
*SECNO 9239.000									
9239.00	3.58	626.28	0.00	0.00	626.31	0.03	0.43	0.00	624.60
610.	344.	141.	125.	487.	50.	220.	58.	46.	624.80
0.90	0.71	2.81	0.57	C.070	0.030	0.070	0.000	622.70	32.55
0.000852	560.	560.	560.	2	0	0	0.00	772.82	805.37
CCHV= 0.300 CEHV= 0.500									
*SECNO 9288.000									
9288.00	3.80	626.30	0.00	0.00	626.37	0.07	0.04	0.02	625.40
610.	337.	208.	65.	475.	58.	140.	59.	47.	625.10
0.91	0.71	3.59	0.46	C.070	0.024	0.070	0.000	622.50	18.30
0.000950	49.	49.	49.	1	0	0	0.00	789.45	807.75

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	2.00	0.00	2.80	0.00	622.50	622.50

*SECNO 9300.000
6870 D.S. ENERGY OF 626.37 HIGHER THAN COMPUTED ENERGY OF 626.35
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1776.00	626.37	0.00	606.	4.	3.	3.	624.10	625.30

9300.00	3.80	626.30	0.00	0.00	626.37	0.07	0.00	0.00	625.40
610.	337.	209.	64.	471.	58.	138.	59.	47.	625.10
0.91	0.71	3.63	0.47	C.070	0.024	0.070	0.000	622.50	19.97
0.000972	12.	12.	12.	2	0	12	0.00	787.18	807.15

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 9349.000

9349.00	3.68	626.38	0.00	0.00	626.41	0.04	0.04	0.00	624.60
610.	329.	155.	126.	538.	52.	251.	60.	48.	624.80
0.92	0.61	2.98	0.50	0.070	0.024	0.070	0.000	622.70	6.16
0.000586	49.	49.	49.	2	0	0	0.00	807.33	813.49

PRINTED IN U.S.A.

THIS RUN EXECUTED 13 AUG 84 11:42:52

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF TAYLOR FLOOD INSURANCE STUDY
T2 SUTLIFF AND KENOPE DRAIN
T3 500-YEAR FREQUENCY FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	613.100	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*PROF 4									
CCHV= 0.100	CEHV= 0.300								
*SECNO 10.000									
10.00	13.60	613.10	0.00	613.10	613.15	0.05	0.00	0.00	612.50
870.	5.	865.	0.	36.	472.	4.	0.	0.	612.50
0.00	0.13	1.83	0.12	0.070	0.040	0.070	0.000	599.50	387.50
0.000164	0.	0.	0.	0	0	0	0.00	181.00	568.50
*SECNO 550.000									
550.00	9.81	613.21	0.00	0.00	613.27	0.06	0.11	0.00	613.90
870.	0.	870.	0.	0.	447.	0.	6.	2.	614.30
0.08	0.00	1.95	0.00	0.070	0.040	0.070	0.000	603.40	501.67
0.000261	550.	550.	550.	1	0	0	0.00	73.38	575.05
*SECNO 1150.000									
1150.00	9.17	613.37	0.00	0.00	613.44	0.07	0.17	0.00	614.30
870.	0.	870.	0.	0.	422.	0.	12.	3.	614.80
0.16	0.00	2.06	0.00	0.070	0.040	0.070	0.000	604.20	502.04
0.000302	600.	600.	600.	2	0	0	0.00	70.55	572.60
*SECNO 2150.000									
2150.00	7.83	613.73	0.00	0.00	613.81	0.09	0.37	0.01	615.50
870.	0.	870.	0.	0.	367.	0.	21.	4.	615.40
0.28	0.00	2.37	0.00	0.070	0.040	0.070	0.000	605.90	504.04
0.000467	1000.	1000.	1000.	2	0	0	0.00	69.67	573.71
*SECNO 3150.000									
3150.00	7.32	614.32	0.00	0.00	614.46	0.14	0.63	0.02	614.60
870.	0.	870.	0.	0.	292.	0.	29.	6.	614.80
0.37	0.00	2.98	0.00	0.070	0.040	0.070	0.000	607.00	500.73
0.000901	1000.	1000.	1000.	2	0	0	0.00	64.90	565.63
*SECNO 4000.000									
4000.00	6.40	615.40	0.00	0.00	615.69	0.29	1.18	0.05	618.80
870.	0.	870.	0.	0.	202.	0.	33.	7.	618.10
0.42	0.00	4.31	0.00	0.070	0.040	0.070	0.000	609.00	507.82
0.002416	850.	850.	850.	2	0	0	0.00	53.52	561.34

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.500 CEHV= 0.800
*SECNO 4049.000

3301 HV CHANGED MORE THAN HVINS

4049.00	6.82	615.32	0.00	0.00	616.44	1.12	0.08	0.67	618.90
870.	0.	870.	0.	0.	102.	0.	34.	7.	619.20
0.43	0.00	8.51	0.00	0.070	0.015	0.070	0.000	608.50	404.22
0.001303	49.	49.	49.	2	0	0	0.00	23.32	427.54

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.83	2.63	0.00	12.00	0.00	78.00	0.00	608.50	608.50

*SECNO 4202.000

3301 HV CHANGED MORE THAN HVINS

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
618.85	616.44	0.00	0.	870.	78.	95.	616.40	622.30

4202.00	10.02	618.52	0.00	0.00	618.85	0.33	2.41	0.00	618.90
870.	0.	870.	0.	0.	189.	0.	34.	7.	619.20
0.44	0.00	4.60	0.00	0.070	0.015	0.070	0.000	608.50	400.44
0.000252	153.	153.	153.	2	0	0	0.00	30.78	431.22

CCHV= 0.400 CEHV= 0.700
*SECNO 4251.000

4251.00	9.90	618.90	0.00	0.00	618.97	0.06	0.01	0.11	618.80
870.	0.	867.	3.	0.	426.	18.	35.	7.	618.10
0.44	0.04	2.03	0.15	0.070	0.030	0.070	0.000	609.00	491.39
0.000166	49.	49.	49.	2	0	0	0.00	125.31	616.70

*SECNO 4800.000

4800.00	7.14	619.04	0.00	0.00	619.24	0.20	0.17	0.10	621.70
870.	0.	870.	0.	0.	242.	0.	39.	8.	621.00
0.48	0.00	3.59	0.00	0.070	0.030	0.070	0.000	611.90	506.15
0.000823	549.	549.	549.	1	0	0	0.00	58.07	564.21

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 5900.000									
5900.00	5.89	620.59	619.70	0.00	621.21	0.63	1.68	0.30	619.80
870.	33.	837.	0.	44.	129.	0.	44.	11.	620.50
0.53	0.74	6.47	0.16	0.070	0.030	0.070	0.000	614.70	282.81
0.003749	1100.	1100.	1100.	6	15	0	0.00	160.63	443.44
*SECNO 7350.000									
3280 CROSS SECTION	7350.00 EXTENDED		0.20 FEET						
3301 HV CHANGED MORE THAN HVINS									
7350.00	3.90	624.70	0.00	0.00	624.78	0.08	3.34	0.22	623.10
870.	409.	253.	208.	428.	63.	252.	59.	26.	623.20
0.76	0.96	3.99	0.83	0.070	0.030	0.070	0.000	620.80	0.00
0.001561	1450.	1450.	1450.	6	0	0	0.00	765.16	765.16
CCHV= 0.300 CEHV= 0.500									
*SECNO 7399.000									
3280 CROSS SECTION	7399.00 EXTENDED		0.26 FEET						
7399.00	4.26	624.76	0.00	0.00	624.84	0.08	0.06	0.00	623.50
870.	473.	256.	141.	549.	64.	236.	60.	27.	623.70
0.76	0.86	4.03	0.60	0.070	0.024	0.070	0.000	620.50	0.00
0.001027	49.	49.	49.	2	0	0	0.00	885.87	885.87

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	2.80	0.00	620.50	620.50

*SECNO 7415.000
6870 D.S. ENERGY OF 624.84 HIGHER THAN COMPUTED ENERGY OF 624.82
3280 CROSS SECTION 7415.00 EXTENDED 0.26 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
2963.39	624.84	0.00	864.	4.	3.	4.		621.80	623.50
7415.00	4.26	624.76	0.00	0.00	624.84	0.08	0.00	0.00	623.50
870.	473.	256.	141.	549.	64.	236.	61.	28.	623.70
0.77	0.86	4.03	0.60	0.070	0.024	0.070	0.000	620.50	0.00
0.001028	16.	16.	16.	2	0	11	0.00	885.80	885.80

CCHV= 0.100 CEHV= 0.300
*SECNO 7464.000
3280 CROSS SECTION 7464.00 EXTENDED 0.31 FEET

7464.00	4.00	624.80	0.00	0.00	624.89	0.09	0.05	0.00	623.10
870.	389.	275.	206.	473.	66.	292.	62.	29.	623.20
0.77	0.82	4.19	0.70	0.070	0.024	0.070	0.000	620.80	0.00
0.001045	49.	49.	49.	0	0	0	0.00	803.63	803.63

*SECNO 8564.000

8564.00	4.08	625.88	0.00	0.00	626.02	0.15	1.12	0.02	624.70
870.	283.	481.	106.	351.	118.	174.	80.	46.	624.80
0.89	0.81	4.08	0.61	0.070	0.024	0.070	0.000	621.80	208.79
0.000985	1100.	1100.	1100.	1	0	0	0.00	572.16	780.95

CCHV= 0.300 CEHV= 0.500
*SECNO 8613.000

3265 DIVIDED FLOW

3280 CROSS SECTION 8613.00 EXTENDED 0.03 FEET

8613.00	4.63	625.93	0.00	0.00	626.10	0.16	0.07	0.01	625.20
870.	325.	417.	128.	362.	91.	167.	81.	47.	624.90
0.90	0.90	4.61	0.77	0.070	0.030	0.070	0.000	621.30	81.78
0.001913	49.	49.	49.	0	0	0	0.00	733.68	1000.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	4.00	0.00	621.30	621.30

*SECNO 8630.000
6870 D.S. ENERGY OF 626.10 HIGHER THAN COMPUTED ENERGY OF 626.01

3265 DIVIDED FLOW

3280 CROSS SECTION 8630.00 EXTENDED 0.04 FEET

FRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1771.86	626.10	0.00	868.	7.	4.	5.	623.00	625.10

8630.00	4.64	625.94	0.00	0.00	626.10	0.16	0.00	0.00	625.20
870.	327.	413.	130.	369.	91.	171.	81.	47.	624.90
0.90	0.89	4.53	0.76	0.070	0.030	0.070	0.000	621.30	79.59
0.001843	17.	17.	17.	2	0	10	0.00	753.75	1000.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8679.000

8679.00	4.29	626.09	0.00	0.00	626.17	0.07	0.06	0.01	624.70
870.	334.	395.	141.	423.	126.	228.	82.	48.	624.80
0.91	0.79	3.14	0.62	0.070	0.030	0.070	0.000	621.80	77.10
0.000838	49.	49.	49.	2	0	0	0.00	745.79	822.90

*SECNO 9239.000
3280 CROSS SECTION 9239.00 EXTENDED 0.19 FEET

9239.00	3.90	626.60	0.00	0.00	626.63	0.03	0.46	0.00	624.60
870.	499.	163.	208.	646.	56.	316.	93.	58.	624.80
1.04	0.77	2.91	0.66	0.070	0.030	0.070	0.000	622.70	0.00
0.000794	560.	560.	560.	2	0	0	0.00	830.11	830.11

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 9288.000
3280 CROSS SECTION 9288.00 EXTENDED 0.23 FEET

9288.00	4.12	626.62	0.00	0.00	626.68	0.07	0.04	0.02	625.40
870.	497.	240.	133.	634.	65.	235.	94.	59.	625.10
1.05	0.78	3.71	0.57	0.070	0.024	0.070	0.000	622.50	0.00
0.000876	49.	49.	49.	1	0	0	0.00	830.52	830.52

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	2.00	0.00	2.80	0.00	622.50	622.50

*SECNO 9300.000
6870 D.S. ENERGY OF 626.68 HIGHER THAN COMPUTED ENERGY OF 626.67
3280 CROSS SECTION 9300.00 EXTENDED 0.22 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
2965.25	626.68	0.00	864.	4.	3.	3.	624.10	625.30

9300.00	4.12	626.62	0.00	0.00	626.68	0.07	0.00	0.00	625.40
870.	497.	241.	132.	629.	64.	232.	95.	59.	625.10
1.05	0.79	3.74	0.57	0.070	0.024	0.070	0.000	622.50	0.00
0.000894	12.	12.	12.	2	0	11	0.00	829.87	829.87

CCHV= 0.100 CEHV= 0.300
*SECNO 9349.000
3280 CROSS SECTION 9349.00 EXTENDED 0.28 FEET

9349.00	3.98	626.68	0.00	0.00	626.72	0.04	0.04	0.00	624.60
870.	480.	186.	205.	691.	58.	345.	96.	60.	624.80
1.06	0.69	3.22	0.59	0.070	0.024	0.070	0.000	622.70	0.00
0.000596	49.	49.	49.	2	0	0	0.00	837.13	837.13

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THIS RUN EXECUTED 13 AUG 84 11:42:58

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10.000	605.90	0.00	605.98	33.47	0.00	335.00	0.00	0.00	0.00	500.00	555.00	0.00
10.000	607.20	0.00	607.31	37.71	0.00	515.00	0.00	0.00	0.00	500.00	555.00	0.00
10.000	608.75	0.00	608.84	42.77	0.00	610.00	0.00	0.00	0.00	500.00	555.00	0.00
10.000	613.10	0.00	613.15	181.00	4.74	864.77	0.49	0.00	0.00	500.00	555.00	0.00
550.000	606.52	0.00	606.87	39.60	0.00	335.00	0.00	0.00	0.00	500.00	578.00	0.00
550.000	607.80	0.00	608.06	46.09	0.00	515.00	0.00	0.00	0.00	500.00	578.00	0.00
550.000	609.10	0.00	609.26	52.67	0.00	610.00	0.00	0.00	0.00	500.00	578.00	0.00
550.000	613.21	0.00	613.27	73.38	0.00	870.00	0.00	0.00	0.00	500.00	578.00	0.00
1150.000	608.43	0.00	608.53	47.94	0.00	335.00	0.00	0.00	0.00	500.00	576.00	0.00
1150.000	609.21	0.00	609.36	51.52	0.00	515.00	0.00	0.00	0.00	500.00	576.00	0.00
1150.000	609.90	0.00	610.04	54.66	0.00	610.00	0.00	0.00	0.00	500.00	576.00	0.00
1150.000	613.37	0.00	613.44	70.55	0.00	870.00	0.00	0.00	0.00	500.00	576.00	0.00
2150.000	609.80	0.00	609.90	50.67	0.00	335.00	0.00	0.00	0.00	500.00	578.00	0.00
2150.000	610.65	0.00	610.78	54.75	0.00	515.00	0.00	0.00	0.00	500.00	578.00	0.00
2150.000	611.12	0.00	611.26	57.03	0.00	610.00	0.00	0.00	0.00	500.00	578.00	0.00
2150.000	613.73	0.00	613.81	69.67	0.00	870.00	0.00	0.00	0.00	500.00	578.00	0.00
3150.000	611.30	0.00	611.42	48.23	0.00	335.00	0.00	0.00	0.00	500.00	567.00	0.00
3150.000	612.13	0.00	612.29	52.82	0.00	515.00	0.00	0.00	0.00	500.00	567.00	0.00
3150.000	612.53	0.00	612.70	55.03	0.00	610.00	0.00	0.00	0.00	500.00	567.00	0.00
3150.000	614.32	0.00	614.46	64.90	0.00	870.00	0.00	0.00	0.00	500.00	567.00	0.00
4000.000	613.08	0.00	613.28	39.05	0.00	335.00	0.00	0.00	0.00	500.00	572.00	0.00
4000.000	613.90	0.00	614.15	44.14	0.00	515.00	0.00	0.00	0.00	500.00	572.00	0.00
4000.000	614.27	0.00	614.55	46.47	0.00	610.00	0.00	0.00	0.00	500.00	572.00	0.00
4000.000	615.40	0.00	615.69	53.52	0.00	870.00	0.00	0.00	0.00	500.00	572.00	0.00
4049.000	613.09	0.00	613.64	18.14	0.00	335.00	0.00	0.00	0.00	400.00	432.00	0.00
4049.000	613.88	0.00	614.69	19.97	0.00	515.00	0.00	0.00	0.00	400.00	432.00	0.00
4049.000	614.23	0.00	615.17	20.80	0.00	610.00	0.00	0.00	0.00	400.00	432.00	0.00
4049.000	615.32	0.00	616.44	23.32	0.00	870.00	0.00	0.00	0.00	400.00	432.00	0.00

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	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
	4202.000	613.27	0.00	613.82	18.56	0.00	335.00	0.00	0.00	0.00	400.00	432.00	0.00
	4202.000	614.10	0.00	614.94	20.50	0.00	515.00	0.00	0.00	0.00	400.00	432.00	0.00
	4202.000	614.48	0.00	615.46	21.37	0.00	610.00	0.00	0.00	0.00	400.00	432.00	0.00
	4202.000	618.52	0.00	618.85	30.78	0.00	870.00	0.00	0.00	0.00	400.00	432.00	0.00
	4251.000	613.95	0.00	614.05	44.45	0.00	335.00	0.00	0.00	0.00	500.00	572.00	0.00
	4251.000	615.16	0.00	615.27	52.02	0.00	515.00	0.00	0.00	0.00	500.00	572.00	0.00
	4251.000	615.73	0.00	615.85	55.56	0.00	610.00	0.00	0.00	0.00	500.00	572.00	0.00
	4251.000	618.90	0.00	618.97	125.31	0.02	867.31	2.68	0.00	0.00	500.00	572.00	0.00
	4800.000	614.70	0.00	615.41	31.05	0.00	335.00	0.00	0.00	0.00	500.00	572.00	0.00
	4800.000	615.73	0.00	616.30	37.48	0.00	515.00	0.00	0.00	0.00	500.00	572.00	0.00
	4800.000	616.23	0.00	616.76	40.63	0.00	610.00	0.00	0.00	0.00	500.00	572.00	0.00
	4800.000	619.04	0.00	619.24	58.07	0.00	870.00	0.00	0.00	0.00	500.00	572.00	0.00
	5900.000	619.49	0.00	619.72	35.36	0.00	335.00	0.00	0.00	0.00	400.00	440.00	0.00
	5900.000	619.98	0.00	620.35	64.41	0.53	514.47	0.00	0.00	0.00	400.00	440.00	0.00
	5900.000	620.18	0.00	620.62	91.98	3.72	606.28	0.00	0.00	0.00	400.00	440.00	0.00
	5900.000	620.59	0.00	621.21	160.63	32.70	837.28	0.02	0.00	0.00	400.00	440.00	0.00
*	7350.000	623.71	0.00	624.02	382.01	83.08	229.78	22.15	0.00	0.00	400.00	421.00	0.00
	7350.000	624.13	0.00	624.28	551.46	200.82	234.78	79.41	0.00	0.00	400.00	421.00	0.00
	7350.000	624.30	0.00	624.42	623.10	259.03	237.90	113.07	0.00	0.00	400.00	421.00	0.00
	7350.000	624.70	0.00	624.78	765.16	408.96	253.07	207.97	0.00	0.00	400.00	421.00	0.00
	7399.000	624.11	0.00	624.17	544.47	167.30	150.53	17.16	0.00	0.00	500.00	521.00	0.00
	7399.000	624.29	0.00	624.38	614.80	266.98	204.87	43.15	0.00	0.00	500.00	521.00	0.00
	7399.000	624.41	0.00	624.51	669.01	322.10	222.15	65.75	0.00	0.00	500.00	521.00	0.00
	7399.000	624.76	0.00	624.84	885.87	472.83	256.39	140.78	0.00	0.00	500.00	521.00	0.00
	7415.000	624.10	0.00	624.17	542.03	167.02	151.19	16.78	0.00	0.00	500.00	521.00	0.00
	7415.000	624.29	0.00	624.38	614.99	267.00	204.80	43.20	0.00	0.00	500.00	521.00	0.00
	7415.000	624.41	0.00	624.51	664.78	321.72	223.64	64.64	0.00	0.00	500.00	521.00	0.00
	7415.000	624.76	0.00	624.84	885.80	472.83	256.42	140.76	0.00	0.00	500.00	521.00	0.00
	7464.000	624.13	0.00	624.22	555.25	118.01	170.04	46.95	0.00	0.00	400.00	421.00	0.00
	7464.000	624.33	0.00	624.44	635.17	201.95	223.66	89.39	0.00	0.00	400.00	421.00	0.00
	7464.000	624.46	0.00	624.57	687.15	251.32	241.30	117.38	0.00	0.00	400.00	421.00	0.00
	7464.000	624.80	0.00	624.89	803.63	389.02	275.06	205.92	0.00	0.00	400.00	421.00	0.00
	8564.000	625.06	0.00	625.18	379.63	62.73	264.96	7.31	0.00	0.00	500.00	538.00	0.00
	8564.000	625.43	0.00	625.55	461.66	137.48	344.67	32.85	0.00	0.00	500.00	538.00	0.00
	8564.000	625.57	0.00	625.70	496.48	176.32	383.27	50.41	0.00	0.00	500.00	538.00	0.00
	8564.000	625.88	0.00	626.02	572.16	283.22	481.21	105.58	0.00	0.00	500.00	538.00	0.00
	8613.000	625.01	0.00	625.37	373.82	15.50	318.60	0.90	0.00	0.00	500.00	528.00	0.00
	8613.000	625.43	0.00	625.68	558.65	117.62	365.41	31.97	0.00	0.00	500.00	528.00	0.00
	8613.000	625.59	0.00	625.80	605.33	174.66	379.00	56.34	0.00	0.00	500.00	528.00	0.00
	8613.000	625.93	0.00	626.10	733.68	324.65	417.45	127.90	0.00	0.00	500.00	528.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
8630.000	625.03	0.00	625.37	385.77	17.99	315.56	1.45	0.00	0.00	500.00	528.00	0.00
8630.000	625.45	0.00	625.68	565.96	122.73	357.79	34.48	0.00	0.00	500.00	528.00	0.00
8630.000	625.60	0.00	625.80	608.58	176.84	375.59	57.57	0.00	0.00	500.00	528.00	0.00
8630.000	625.94	0.00	626.10	753.75	327.32	412.88	129.80	0.00	0.00	500.00	528.00	0.00
8679.000	625.40	0.00	625.45	455.50	101.76	209.84	23.40	0.00	0.00	500.00	538.00	0.00
8679.000	625.70	0.00	625.75	526.55	178.48	278.97	57.55	0.00	0.00	500.00	538.00	0.00
8679.000	625.81	0.00	625.87	554.38	219.02	313.50	77.48	0.00	0.00	500.00	538.00	0.00
8679.000	626.09	0.00	626.17	745.79	333.80	395.26	140.94	0.00	0.00	500.00	538.00	0.00
9239.000	625.80	0.00	625.84	623.30	175.69	114.86	44.46	0.00	0.00	500.00	518.00	0.00
9239.000	626.14	0.00	626.17	722.22	286.62	132.28	96.10	0.00	0.00	500.00	518.00	0.00
9239.000	626.28	0.00	626.31	772.82	343.90	140.99	125.11	0.00	0.00	500.00	518.00	0.00
9239.000	626.60	0.00	626.63	830.11	499.25	163.19	207.56	0.00	0.00	500.00	518.00	0.00
9288.000	625.83	0.00	625.93	526.46	155.95	167.46	11.59	0.00	0.00	500.00	521.00	0.00
9288.000	626.16	0.00	626.24	743.80	277.21	195.12	42.67	0.00	0.00	500.00	521.00	0.00
9288.000	626.30	0.00	626.37	789.45	337.12	208.04	64.83	0.00	0.00	500.00	521.00	0.00
9288.000	626.62	0.00	626.68	830.52	497.29	239.68	133.03	0.00	0.00	500.00	521.00	0.00
9300.000	625.83	0.00	625.93	518.11	155.14	168.53	11.33	0.00	0.00	500.00	521.00	0.00
9300.000	626.16	0.00	626.24	739.58	276.67	196.32	42.01	0.00	0.00	500.00	521.00	0.00
9300.000	626.30	0.00	626.37	787.18	336.69	209.32	63.99	0.00	0.00	500.00	521.00	0.00
9300.000	626.62	0.00	626.68	829.87	496.98	241.00	132.02	0.00	0.00	500.00	521.00	0.00
9349.000	625.93	0.00	625.97	654.34	168.13	118.23	48.64	0.00	0.00	500.00	518.00	0.00
9349.000	626.24	0.00	626.28	764.11	273.67	143.26	98.07	0.00	0.00	500.00	518.00	0.00
9349.000	626.38	0.00	626.41	807.33	328.52	155.43	126.04	0.00	0.00	500.00	518.00	0.00
9349.000	626.68	0.00	626.72	837.13	479.60	185.54	204.86	0.00	0.00	500.00	518.00	0.00

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10-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
10.000	0.00	0.00	0.00	599.50	335.00	605.90	0.00	605.98	5.98	2.28	147.20	137.05
10.000	0.00	0.00	0.00	599.50	515.00	607.20	0.00	607.31	6.72	2.66	193.47	198.72
10.000	0.00	0.00	0.00	599.50	610.00	608.75	0.00	608.84	4.43	2.38	255.84	289.93
10.000	0.00	0.00	0.00	599.50	870.00	613.10	0.00	613.15	1.64	1.83	511.82	680.27
550.000	550.00	0.00	0.00	603.40	335.00	606.52	0.00	606.87	80.10	4.80	69.80	37.43
550.000	550.00	0.00	0.00	603.40	515.00	607.80	0.00	608.06	33.78	4.13	124.79	88.61
550.000	550.00	0.00	0.00	603.40	610.00	609.10	0.00	609.26	14.30	3.23	189.02	161.31
550.000	550.00	0.00	0.00	603.40	870.00	613.21	0.00	613.27	2.61	1.95	447.30	538.98
1150.000	600.00	0.00	0.00	604.20	335.00	608.43	0.00	608.53	13.56	2.60	128.74	90.96
1150.000	600.00	0.00	0.00	604.20	515.00	609.21	0.00	609.36	14.74	3.07	167.59	134.15
1150.000	600.00	0.00	0.00	604.20	610.00	609.90	0.00	610.04	11.65	2.99	204.11	178.69
1150.000	600.00	0.00	0.00	604.20	870.00	613.37	0.00	613.44	3.02	2.06	421.51	500.51
2150.000	1000.00	0.00	0.00	605.90	335.00	609.80	0.00	609.90	13.79	2.56	130.78	90.21
2150.000	1000.00	0.00	0.00	605.90	515.00	610.65	0.00	610.78	13.71	2.94	175.23	139.08
2150.000	1000.00	0.00	0.00	605.90	610.00	611.12	0.00	611.26	12.79	3.03	201.46	170.54
2150.000	1000.00	0.00	0.00	605.90	870.00	613.73	0.00	613.81	4.67	2.37	366.84	402.58
3150.000	1000.00	0.00	0.00	607.00	335.00	611.30	0.00	611.42	16.63	2.76	121.39	82.14
3150.000	1000.00	0.00	0.00	607.00	515.00	612.13	0.00	612.29	16.51	3.15	163.53	126.73
3150.000	1000.00	0.00	0.00	607.00	610.00	612.53	0.00	612.70	16.22	3.30	185.08	151.44
3150.000	1000.00	0.00	0.00	607.00	870.00	614.32	0.00	614.46	9.01	2.98	292.41	289.78
4000.000	850.00	0.00	0.00	609.00	335.00	613.08	0.00	613.28	29.29	3.55	94.42	61.89
4000.000	850.00	0.00	0.00	609.00	515.00	613.90	0.00	614.15	29.40	4.01	128.33	94.97
4000.000	850.00	0.00	0.00	609.00	610.00	614.27	0.00	614.55	29.30	4.20	145.21	112.70
4000.000	850.00	0.00	0.00	609.00	870.00	615.40	0.00	615.69	24.16	4.31	201.63	176.99
4049.000	49.00	0.00	0.00	608.50	335.00	613.09	0.00	613.64	9.82	5.97	56.10	106.91
4049.000	49.00	0.00	0.00	608.50	515.00	613.88	0.00	614.69	12.19	7.25	71.07	147.52
4049.000	49.00	0.00	0.00	608.50	610.00	614.23	0.00	615.17	13.14	7.79	78.33	168.29
4049.000	49.00	0.00	0.00	608.50	870.00	615.32	0.00	616.44	13.03	8.51	102.24	241.03
4202.000	153.00	622.30	616.40	608.50	335.00	613.27	0.00	613.82	14.16	5.97	56.11	89.04
4202.000	153.00	622.30	616.40	608.50	515.00	614.10	0.00	614.94	19.29	7.34	70.18	117.25
4202.000	153.00	622.30	616.40	608.50	610.00	614.48	0.00	615.46	21.65	7.94	76.85	131.11
4202.000	153.00	622.30	616.40	608.50	870.00	618.52	0.00	618.85	2.52	4.60	188.99	548.50
4251.000	49.00	0.00	0.00	609.00	335.00	613.95	0.00	614.05	6.68	2.57	130.50	129.60
4251.000	49.00	0.00	0.00	609.00	515.00	615.16	0.00	615.27	5.69	2.73	188.96	215.91
4251.000	49.00	0.00	0.00	609.00	610.00	615.73	0.00	615.85	5.30	2.78	219.48	265.01
4251.000	49.00	0.00	0.00	609.00	870.00	618.90	0.00	618.97	1.66	2.03	444.63	674.24

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	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
	4800.000	549.00	0.00	0.00	611.90	335.00	614.70	0.00	615.41	103.56	6.76	49.52	32.92
	4800.000	549.00	0.00	0.00	611.90	515.00	615.73	0.00	616.30	52.75	6.08	84.76	70.91
	4800.000	549.00	0.00	0.00	611.90	610.00	616.23	0.00	616.76	41.15	5.84	104.47	95.10
	4800.000	549.00	0.00	0.00	611.90	870.00	619.04	0.00	619.24	8.23	3.59	242.23	303.19
	5900.000	1100.00	0.00	0.00	614.70	335.00	619.49	0.00	619.72	19.12	3.85	86.94	76.61
	5900.000	1100.00	0.00	0.00	614.70	515.00	619.98	0.00	620.35	26.17	4.87	108.05	100.67
	5900.000	1100.00	0.00	0.00	614.70	610.00	620.18	0.00	620.62	29.75	5.37	122.80	111.83
	5900.000	1100.00	0.00	0.00	614.70	870.00	620.59	619.70	621.21	37.49	6.47	173.82	142.10
*	7350.000	1450.00	0.00	0.00	620.80	335.00	623.71	623.71	624.02	48.48	5.40	170.01	48.11
	7350.000	1450.00	0.00	0.00	620.80	515.00	624.13	0.00	624.28	26.88	4.56	367.73	99.33
	7350.000	1450.00	0.00	0.00	620.80	610.00	624.30	0.00	624.42	21.82	4.31	472.92	130.59
	7350.000	1450.00	0.00	0.00	620.80	870.00	624.70	0.00	624.78	15.61	3.99	743.30	220.20
	7399.000	49.00	0.00	0.00	620.50	335.00	624.11	0.00	624.17	7.87	3.00	389.54	119.39
	7399.000	49.00	0.00	0.00	620.50	515.00	624.29	0.00	624.38	11.50	3.81	491.44	151.83
	7399.000	49.00	0.00	0.00	620.50	610.00	624.41	0.00	624.51	11.39	3.92	578.45	180.73
	7399.000	49.00	0.00	0.00	620.50	870.00	624.76	0.00	624.84	10.27	4.03	848.62	271.47
	7415.000	16.00	623.50	621.80	620.50	335.00	624.10	0.00	624.17	8.01	3.03	386.22	118.36
	7415.000	16.00	623.50	621.80	620.50	515.00	624.29	0.00	624.38	11.49	3.81	491.74	151.93
	7415.000	16.00	623.50	621.80	620.50	610.00	624.41	0.00	624.51	11.70	3.96	571.39	178.35
	7415.000	16.00	623.50	621.80	620.50	870.00	624.76	0.00	624.84	10.28	4.03	848.44	271.40
	7464.000	49.00	0.00	0.00	620.80	335.00	624.13	0.00	624.22	8.91	3.29	372.98	112.23
	7464.000	49.00	0.00	0.00	620.80	515.00	624.33	0.00	624.44	11.88	4.00	491.91	149.41
	7464.000	49.00	0.00	0.00	620.80	610.00	624.46	0.00	624.57	11.80	4.12	577.82	177.60
	7464.000	49.00	0.00	0.00	620.80	870.00	624.80	0.00	624.89	10.45	4.19	830.92	269.08
	8564.000	1100.00	0.00	0.00	621.80	335.00	625.06	0.00	625.18	8.35	3.06	252.86	115.93
	8564.000	1100.00	0.00	0.00	621.80	515.00	625.43	0.00	625.55	8.56	3.42	408.29	176.02
	8564.000	1100.00	0.00	0.00	621.80	610.00	625.57	0.00	625.70	8.88	3.61	476.77	204.66
	8564.000	1100.00	0.00	0.00	621.80	870.00	625.88	0.00	626.02	9.85	4.08	642.77	277.18
	8613.000	49.00	0.00	0.00	621.30	335.00	625.01	624.17	625.37	32.85	4.90	106.82	58.45
	8613.000	49.00	0.00	0.00	621.30	515.00	625.43	0.00	625.68	25.58	4.77	304.70	101.82
	8613.000	49.00	0.00	0.00	621.30	610.00	625.59	0.00	625.80	22.78	4.67	397.84	127.82
	8613.000	49.00	0.00	0.00	621.30	870.00	625.93	0.00	626.10	19.13	4.61	619.50	198.89
	8630.000	17.00	625.10	623.00	621.30	335.00	625.03	0.00	625.37	31.33	4.80	115.16	59.85
	8630.000	17.00	625.10	623.00	621.30	515.00	625.45	0.00	625.68	23.80	4.62	318.78	105.57
	8630.000	17.00	625.10	623.00	621.30	610.00	625.60	0.00	625.80	22.08	4.61	404.59	129.80
	8630.000	17.00	625.10	623.00	621.30	870.00	625.94	0.00	626.10	18.43	4.53	630.90	202.68
	8679.000	49.00	0.00	0.00	621.80	335.00	625.40	0.00	625.45	5.12	2.10	396.68	148.07
	8679.000	49.00	0.00	0.00	621.80	515.00	625.70	0.00	625.75	6.37	2.52	539.90	204.11
	8679.000	49.00	0.00	0.00	621.80	610.00	625.81	0.00	625.87	7.07	2.72	601.64	229.36
	8679.000	49.00	0.00	0.00	621.80	870.00	626.09	0.00	626.17	8.38	3.14	775.96	300.47

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
9239.000	560.00	0.00	0.00	622.70	335.00	625.80	0.00	625.84	10.44	2.75	433.72	103.70
9239.000	560.00	0.00	0.00	622.70	515.00	626.14	0.00	626.17	8.92	2.77	652.09	172.48
9239.000	560.00	0.00	0.00	622.70	610.00	626.28	0.00	626.31	8.52	2.81	757.30	208.93
9239.000	560.00	0.00	0.00	622.70	870.00	626.60	0.00	626.63	7.94	2.91	1018.17	308.78
9288.000	49.00	0.00	0.00	622.50	335.00	625.83	0.00	625.93	11.56	3.49	347.58	98.52
9288.000	49.00	0.00	0.00	622.50	515.00	626.16	0.00	626.24	9.93	3.55	566.02	163.42
9288.000	49.00	0.00	0.00	622.50	610.00	626.30	0.00	626.37	9.50	3.59	672.91	197.87
9288.000	49.00	0.00	0.00	622.50	870.00	626.62	0.00	626.68	8.76	3.71	933.19	293.97
9300.000	12.00	625.30	624.10	622.50	335.00	625.83	0.00	625.93	11.84	3.53	343.66	97.36
9300.000	12.00	625.30	624.10	622.50	515.00	626.16	0.00	626.24	10.16	3.58	560.15	161.60
9300.000	12.00	625.30	624.10	622.50	610.00	626.30	0.00	626.37	9.72	3.63	666.32	195.67
9300.000	12.00	625.30	624.10	622.50	870.00	626.62	0.00	626.68	8.94	3.74	925.60	290.91
9349.000	49.00	0.00	0.00	622.70	335.00	625.93	0.00	625.97	5.92	2.68	515.36	137.70
9349.000	49.00	0.00	0.00	622.70	515.00	626.24	0.00	626.28	5.82	2.88	736.82	213.54
9349.000	49.00	0.00	0.00	622.70	610.00	626.38	0.00	626.41	5.86	2.98	840.71	252.02
9349.000	49.00	0.00	0.00	622.70	870.00	626.68	0.00	626.72	5.96	3.22	1094.31	356.26

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10-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
10.000	335.00	605.90	0.00	0.00	0.00	33.47	0.00
10.000	515.00	607.20	1.30	0.00	0.00	37.71	0.00
10.000	610.00	608.75	1.55	0.00	0.00	42.77	0.00
10.000	870.00	613.10	4.35	0.00	0.00	181.00	0.00
550.000	335.00	606.52	0.00	0.62	0.00	39.60	550.00
550.000	515.00	607.80	1.28	0.60	0.00	46.09	550.00
550.000	610.00	609.10	1.30	0.35	0.00	52.67	550.00
550.000	870.00	613.21	4.11	0.11	0.00	73.38	550.00
1150.000	335.00	608.43	0.00	1.91	0.00	47.94	600.00
1150.000	515.00	609.21	0.78	1.41	0.00	51.52	600.00
1150.000	610.00	609.90	0.69	0.80	0.00	54.66	600.00
1150.000	870.00	613.37	3.47	0.16	0.00	70.55	600.00
2150.000	335.00	609.80	0.00	1.37	0.00	50.67	1000.00
2150.000	515.00	610.65	0.85	1.43	0.00	54.75	1000.00
2150.000	610.00	611.12	0.47	1.22	0.00	57.03	1000.00
2150.000	870.00	613.73	2.61	0.36	0.00	69.67	1000.00
3150.000	335.00	611.30	0.00	1.50	0.00	48.23	1000.00
3150.000	515.00	612.13	0.83	1.49	0.00	52.82	1000.00
3150.000	610.00	612.53	0.40	1.42	0.00	55.03	1000.00
3150.000	870.00	614.32	1.79	0.60	0.00	64.90	1000.00
4000.000	335.00	613.08	0.00	1.79	0.00	39.05	850.00
4000.000	515.00	613.90	0.82	1.77	0.00	44.14	850.00
4000.000	610.00	614.27	0.37	1.74	0.00	46.47	850.00
4000.000	870.00	615.40	1.12	1.08	0.00	53.52	850.00
4049.000	335.00	613.09	0.00	0.01	0.00	18.14	49.00
4049.000	515.00	613.88	0.79	-0.02	0.00	19.97	49.00
4049.000	610.00	614.23	0.36	-0.04	0.00	20.80	49.00
4049.000	870.00	615.32	1.08	-0.08	0.00	23.32	49.00
4202.000	335.00	613.27	0.00	0.18	0.00	18.56	153.00
4202.000	515.00	614.10	0.83	0.23	0.00	20.50	153.00
4202.000	610.00	614.48	0.38	0.25	0.00	21.37	153.00
4202.000	870.00	618.52	4.04	3.21	0.00	30.78	153.00
4251.000	335.00	613.95	0.00	0.68	0.00	44.45	49.00
4251.000	515.00	615.16	1.21	1.06	0.00	52.02	49.00
4251.000	610.00	615.73	0.57	1.25	0.00	55.56	49.00
4251.000	870.00	618.90	3.18	0.38	0.00	125.31	49.00

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	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	4800.000	335.00	614.70	0.00	0.75	0.00	31.05	549.00
	4800.000	515.00	615.73	1.03	0.57	0.00	37.48	549.00
	4800.000	610.00	616.23	0.50	0.51	0.00	40.63	549.00
	4800.000	870.00	619.04	2.80	0.13	0.00	58.07	549.00
	5900.000	335.00	619.49	0.00	4.79	0.00	35.36	1100.00
	5900.000	515.00	619.98	0.50	4.25	0.00	64.41	1100.00
	5900.000	610.00	620.18	0.19	3.94	0.00	91.98	1100.00
	5900.000	870.00	620.59	0.41	1.55	0.00	160.63	1100.00
*	7350.000	335.00	623.71	0.00	4.22	0.00	382.01	1450.00
	7350.000	515.00	624.13	0.42	4.15	0.00	551.46	1450.00
	7350.000	610.00	624.30	0.18	4.13	0.00	623.10	1450.00
	7350.000	870.00	624.70	0.39	4.11	0.00	765.16	1450.00
	7399.000	335.00	624.11	0.00	0.40	0.00	544.47	49.00
	7399.000	515.00	624.29	0.18	0.16	0.00	614.80	49.00
	7399.000	610.00	624.41	0.13	0.11	0.00	669.01	49.00
	7399.000	870.00	624.76	0.34	0.06	0.00	885.87	49.00
	7415.000	335.00	624.10	0.00	0.00	0.00	542.03	16.00
	7415.000	515.00	624.29	0.18	0.00	0.00	614.99	16.00
	7415.000	610.00	624.41	0.12	0.00	0.00	664.78	16.00
	7415.000	870.00	624.76	0.35	0.00	0.00	885.80	16.00
	7464.000	335.00	624.13	0.00	0.03	0.00	555.25	49.00
	7464.000	515.00	624.33	0.20	0.05	0.00	635.17	49.00
	7464.000	610.00	624.46	0.13	0.05	0.00	687.15	49.00
	7464.000	870.00	624.80	0.34	0.04	0.00	803.63	49.00
	8564.000	335.00	625.06	0.00	0.93	0.00	379.63	1100.00
	8564.000	515.00	625.43	0.37	1.09	0.00	461.66	1100.00
	8564.000	610.00	625.57	0.14	1.11	0.00	496.48	1100.00
	8564.000	870.00	625.88	0.31	1.08	0.00	572.16	1100.00
	8613.000	335.00	625.01	0.00	-0.05	0.00	373.82	49.00
	8613.000	515.00	625.43	0.42	0.00	0.00	558.65	49.00
	8613.000	610.00	625.59	0.16	0.02	0.00	605.33	49.00
	8613.000	870.00	625.93	0.35	0.06	0.00	733.68	49.00
	8630.000	335.00	625.03	0.00	0.02	0.00	385.77	17.00
	8630.000	515.00	625.45	0.42	0.02	0.00	565.96	17.00
	8630.000	610.00	625.60	0.15	0.01	0.00	608.58	17.00
	8630.000	870.00	625.94	0.34	0.01	0.00	753.75	17.00
	8679.000	335.00	625.40	0.00	0.37	0.00	455.50	49.00
	8679.000	515.00	625.70	0.29	0.25	0.00	526.55	49.00
	8679.000	610.00	625.81	0.11	0.22	0.00	554.38	49.00
	8679.000	870.00	626.09	0.28	0.15	0.00	745.79	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
9239.000	335.00	625.80	0.00	0.40	0.00	623.30	560.00
9239.000	515.00	626.14	0.34	0.44	0.00	722.22	560.00
9239.000	610.00	626.28	0.14	0.47	0.00	772.82	560.00
9239.000	870.00	626.60	0.32	0.50	0.00	830.11	560.00
9288.000	335.00	625.83	0.00	0.03	0.00	526.46	49.00
9288.000	515.00	626.16	0.34	0.02	0.00	743.80	49.00
9288.000	610.00	626.30	0.14	0.02	0.00	789.45	49.00
9288.000	870.00	626.62	0.32	0.02	0.00	830.52	49.00
9300.000	335.00	625.83	0.00	0.00	0.00	518.11	12.00
9300.000	515.00	626.16	0.34	0.00	0.00	739.58	12.00
9300.000	610.00	626.30	0.14	0.00	0.00	787.18	12.00
9300.000	870.00	626.62	0.32	0.00	0.00	829.87	12.00
9349.000	335.00	625.93	0.00	0.10	0.00	654.34	49.00
9349.000	515.00	626.24	0.31	0.08	0.00	764.11	49.00
9349.000	610.00	626.38	0.13	0.08	0.00	807.33	49.00
9349.000	870.00	626.68	0.31	0.06	0.00	837.13	49.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 7350.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 7350.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY

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FLOOD INSURANCE ZONE DATA FOR 10-YEAR FREQUENCY FLOOD

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
10.000	0.	-2.85	-1.55	4.35
550.000	550.	-2.58	-1.30	4.11
1150.000	1150.	-1.47	-0.69	3.47
2150.000	2150.	-1.32	-0.47	2.61
3150.000	3150.	-1.23	-0.40	1.79
4000.000	4000.	-1.19	-0.37	1.12
4049.000	4049.	-1.14	-0.36	1.08
4202.000	4202.	-1.21	-0.38	4.04
4251.000	4251.	-1.78	-0.57	3.18
4800.000	4800.	-1.54	-0.50	2.80
5900.000	5900.	-0.69	-0.19	0.41
7350.000	7350.	-0.60	-0.18	0.39
7399.000	7399.	-0.31	-0.13	0.34
7415.000	7415.	-0.31	-0.12	0.35
7464.000	7464.	-0.33	-0.13	0.34
8564.000	8564.	-0.50	-0.14	0.31
8613.000	8613.	-0.58	-0.16	0.35
8630.000	8630.	-0.57	-0.15	0.34
8679.000	8679.	-0.41	-0.11	0.28
9239.000	9239.	-0.48	-0.14	0.32
9288.000	9288.	-0.47	-0.14	0.32
9300.000	9300.	-0.47	-0.14	0.32
9349.000	9349.	-0.45	-0.13	0.31
WEIGHTED AVG FOR REACH		-1.14	-0.43	1.75

FHF FOR THE REACH = 010 WITH 60.4 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA 10	1	DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
	0.				SEC.		10.000
1	100.	605.96	608.78	-2.82	-2.82	030	100.
2	200.	606.07	608.85	-2.78	-2.80	030	100.
3	300.	606.18	608.91	-2.73	-2.78	030	100.
4	400.	606.29	608.97	-2.68	-2.75	025	100.

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5	500.	606.40	609.04	-2.64	-2.73	025	100.
	550.				SEC.	550.000	
6	600.	606.57	609.12	-2.55	-2.70	025	100.
7	700.	606.84	609.23	-2.39	-2.66	025	100.
8	800.	607.15	609.37	-2.22	-2.60	025	100.
9	900.	607.47	609.50	-2.03	-2.54	025	100.
10	1000.	607.79	609.63	-1.84	-2.47	025	100.
11	1100.	608.11	609.77	-1.66	-2.39	025	100.
	1150.				SEC.	1150.000	
12	1200.	608.38	609.90	-1.52	-2.32	025	100.
13	1300.	608.57	610.02	-1.45	-2.25	020	100.
14	1400.	608.70	610.14	-1.44	-2.20	020	100.
15	1500.	608.84	610.26	-1.42	-2.14	020	100.
16	1600.	608.98	610.39	-1.41	-2.10	020	100.
17	1700.	609.11	610.51	-1.40	-2.06	020	100.
18	1800.	609.25	610.63	-1.38	-2.02	020	100.
19	1900.	609.39	610.75	-1.36	-1.99	020	32.
20	2000.	609.53	610.87	-1.34	-1.95	020	35.
21	2100.	609.66	610.99	-1.33	-1.92	020	43.
	2150.				SEC.	2150.000	
22	2200.	609.80	611.12	-1.32	-1.90	020	50.
23	2300.	609.95	611.26	-1.31	-1.87	020	48.
24	2400.	610.10	611.40	-1.30	-1.85	020	50.
25	2500.	610.25	611.54	-1.29	-1.82	020	60.
26	2600.	610.40	611.68	-1.28	-1.80	020	65.
27	2700.	610.55	611.82	-1.27	-1.78	020	70.
28	2800.	610.70	611.97	-1.27	-1.77	020	75.
29	2900.	610.85	612.11	-1.26	-1.75	015	76.
30	3000.	611.00	612.25	-1.25	-1.73	015	77.
31	3100.	611.15	612.39	-1.24	-1.72	015	77.
	3150.				SEC.	3150.000	
32	3200.	611.31	612.55	-1.24	-1.70	015	75.
33	3300.	611.51	612.74	-1.23	-1.69	015	76.
34	3400.	611.72	612.94	-1.22	-1.67	015	76.
35	3500.	611.93	613.15	-1.22	-1.66	015	77.
36	3600.	612.14	613.35	-1.21	-1.65	015	78.
37	3700.	612.35	613.56	-1.21	-1.64	015	78.
38	3800.	612.56	613.76	-1.20	-1.62	015	79.
39	3900.	612.77	613.97	-1.20	-1.61	015	79.
	4000.				SEC.	4000.000	
40	4000.	612.98	614.17	-1.19	-1.60	015	80.
	4049.				SEC.	4049.000	
41	4100.	613.12	614.29	-1.17	-1.59	015	80.
42	4200.	613.21	614.39	-1.18	-1.58	015	81.
	4202.				SEC.	4202.000	
	4251.				SEC.	4251.000	
43	4300.	613.64	615.12	-1.48	-1.58	015	81.
44	4400.	614.08	615.82	-1.74	-1.58	015	82.
45	4500.	614.22	615.91	-1.69	-1.59	015	82.
46	4600.	614.36	616.00	-1.64	-1.59	015	83.
47	4700.	614.49	616.10	-1.61	-1.59	015	83.
	4800.				SEC.	4800.000	
48	4800.	614.63	616.19	-1.56	-1.59	015	83.
49	4900.	614.92	616.41	-1.49	-1.58	015	84.

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50	5000.	615.35	616.77	-1.42	-1.58	015	84.
51	5100.	615.79	617.13	-1.34	-1.58	015	84.
52	5200.	616.22	617.49	-1.27	-1.57	015	85.
53	5300.	616.66	617.85	-1.19	-1.56	015	85.
54	5400.	617.09	618.21	-1.12	-1.56	015	85.
55	5500.	617.53	618.56	-1.03	-1.55	015	84.
56	5600.	617.96	618.92	-0.96	-1.54	015	82.
57	5700.	618.40	619.28	-0.88	-1.52	015	81.
58	5800.	618.83	619.64	-0.81	-1.51	015	79.
	5900.				SEC.	5900.000	
59	5900.	619.27	620.00	-0.73	-1.50	015	78.
60	6000.	619.63	620.32	-0.69	-1.48	015	77.
61	6100.	619.92	620.60	-0.68	-1.47	015	75.
62	6200.	620.21	620.89	-0.68	-1.46	015	76.
63	6300.	620.50	621.17	-0.67	-1.45	015	75.
64	6400.	620.80	621.46	-0.66	-1.43	015	73.
65	6500.	621.09	621.74	-0.65	-1.42	015	72.
66	6600.	621.38	622.03	-0.65	-1.41	015	71.
67	6700.	621.67	622.31	-0.64	-1.40	015	70.
68	6800.	621.96	622.60	-0.64	-1.39	015	69.
69	6900.	622.25	622.88	-0.63	-1.38	015	70.
70	7000.	622.54	623.16	-0.62	-1.37	015	69.
71	7100.	622.83	623.45	-0.62	-1.36	015	68.
72	7200.	623.12	623.73	-0.61	-1.35	015	67.
73	7300.	623.41	624.02	-0.61	-1.34	015	66.
	7350.				SEC.	7350.000	
	7399.				SEC.	7399.000	
74	7400.	623.83	624.29	-0.46	-1.32	015	64.
	7415.				SEC.	7415.000	
	7464.				SEC.	7464.000	
75	7500.	624.13	624.45	-0.32	-1.31	015	64.
76	7600.	624.20	624.55	-0.35	-1.30	015	63.
77	7700.	624.29	624.65	-0.36	-1.29	015	62.
78	7800.	624.37	624.75	-0.38	-1.27	015	62.
79	7900.	624.46	624.85	-0.39	-1.26	015	61.
80	8000.	624.54	624.95	-0.41	-1.25	010	60.
81	8100.	624.63	625.05	-0.42	-1.24	010	59.
82	8200.	624.71	625.15	-0.44	-1.23	010	59.
83	8300.	624.80	625.25	-0.45	-1.22	010	58.
84	8400.	624.88	625.35	-0.47	-1.21	010	57.
85	8500.	624.96	625.45	-0.49	-1.20	010	56.
	8564.				SEC.	8564.000	
86	8600.	625.02	625.54	-0.52	-1.20	010	56.
	8613.				SEC.	8613.000	
	8630.				SEC.	8630.000	
	8679.				SEC.	8679.000	
87	8700.	625.22	625.71	-0.49	-1.19	010	56.
88	8800.	625.45	625.87	-0.42	-1.18	010	57.
89	8900.	625.53	625.95	-0.42	-1.17	010	57.
90	9000.	625.60	626.04	-0.44	-1.16	010	58.
91	9100.	625.67	626.12	-0.45	-1.16	010	57.
92	9200.	625.74	626.20	-0.46	-1.15	010	58.
	9239.				SEC.	9239.000	
	9288.				SEC.	9288.000	

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93	9300.	625.80	626.27	-0.47	-1.14	010	59.
	9300.					SEC.	9300.000
	9349.					SEC.	9349.000

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE 202 57 93
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	WEIGHTED AVG DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
57	5700.	-1.52	-0.61	2.64

FHF FOR REACH 1 = 015 WITH 81. PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 3

93	9300.	-0.53	-0.16	0.37

FHF FOR REACH 2 = 005 WITH 100. PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 1

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
4466.000	500.00	0.00	0.00	600.90	738.00	609.61	0.00	609.65	2.51	1.95	930.57	465.45
4466.000	500.00	0.00	0.00	600.90	1152.00	610.81	0.00	610.83	1.46	1.70	1761.57	954.91
4466.000	500.00	0.00	0.00	600.90	1360.00	611.30	0.00	611.32	1.26	1.66	2103.13	1211.23
4466.000	500.00	0.00	0.00	600.90	1870.00	612.10	0.00	612.11	1.22	1.75	2660.82	1690.64
4515.000	49.00	0.00	0.00	601.30	738.00	609.62	0.00	609.67	5.43	2.35	734.79	316.78
4515.000	49.00	0.00	0.00	601.30	1152.00	610.82	0.00	610.84	2.23	1.76	1663.13	771.15
4515.000	49.00	0.00	0.00	601.30	1360.00	611.31	0.00	611.33	1.76	1.65	2052.88	1025.78
4515.000	49.00	0.00	0.00	601.30	1870.00	612.11	0.00	612.12	1.52	1.66	2690.36	1514.84
4517.000	2.00	608.70	607.40	601.30	738.00	609.46	605.09	609.84	54.83	5.40	241.59	99.67
4517.000	2.00	608.70	607.40	601.30	1152.00	610.82	0.00	610.84	9.41	1.89	1179.96	375.63
4517.000	2.00	608.70	607.40	601.30	1360.00	611.31	0.00	611.33	5.62	1.59	1570.38	573.79
4517.000	2.00	608.70	607.40	601.30	1870.00	612.11	0.00	612.12	3.68	1.44	2208.72	975.19
4568.000	51.00	609.60	607.40	601.30	738.00	610.06	0.00	610.11	24.28	2.61	564.71	149.77
4568.000	51.00	609.60	607.40	601.30	1152.00	610.87	0.00	610.89	8.74	1.84	1210.46	389.70
4568.000	51.00	609.60	607.40	601.30	1360.00	611.34	0.00	611.35	5.45	1.57	1586.46	582.76
4568.000	51.00	609.60	607.40	601.30	1870.00	612.13	0.00	612.14	3.61	1.43	2221.55	984.17
4570.000	2.00	0.00	0.00	601.30	738.00	610.09	0.00	610.12	2.55	1.72	1082.03	462.18
4570.000	2.00	0.00	0.00	601.30	1152.00	610.87	0.00	610.89	2.10	1.71	1703.11	795.62
4570.000	2.00	0.00	0.00	601.30	1360.00	611.34	0.00	611.36	1.70	1.62	2079.08	1044.15
4570.000	2.00	0.00	0.00	601.30	1870.00	612.13	0.00	612.14	1.49	1.65	2710.38	1531.57
4619.000	49.00	0.00	0.00	600.90	738.00	610.11	0.00	610.13	1.33	1.50	1269.56	640.65
4619.000	49.00	0.00	0.00	600.90	1152.00	610.88	0.00	610.90	1.34	1.65	1815.49	993.39
4619.000	49.00	0.00	0.00	600.90	1360.00	611.35	0.00	611.36	1.20	1.63	2138.60	1239.53
4619.000	49.00	0.00	0.00	600.90	1870.00	612.13	0.00	612.15	1.18	1.73	2690.90	1718.54
5019.000	400.00	0.00	0.00	602.30	738.00	610.13	0.00	610.24	4.27	3.18	448.00	356.95
5019.000	400.00	0.00	0.00	602.30	1152.00	610.89	0.00	611.03	5.40	3.82	751.48	495.57
5019.000	400.00	0.00	0.00	602.30	1360.00	611.36	0.00	611.48	4.80	3.73	1013.59	620.96
5019.000	400.00	0.00	0.00	602.30	1870.00	612.16	0.00	612.25	4.18	3.70	1552.82	914.31
5519.000	500.00	0.00	0.00	602.20	738.00	610.40	0.00	610.48	5.20	2.67	463.29	323.51
5519.000	500.00	0.00	0.00	602.20	1152.00	611.22	0.00	611.33	6.32	3.15	671.19	458.10
5519.000	500.00	0.00	0.00	602.20	1360.00	611.65	0.00	611.75	6.06	3.19	828.98	552.59
5519.000	500.00	0.00	0.00	602.20	1870.00	612.40	0.00	612.50	5.90	3.40	1145.52	769.82
5568.000	49.00	0.00	0.00	601.20	738.00	610.31	0.00	610.57	12.08	4.15	183.96	212.31
5568.000	49.00	0.00	0.00	601.20	1152.00	611.00	606.10	611.50	22.32	5.78	274.76	243.83
5568.000	49.00	0.00	0.00	601.20	1360.00	611.45	606.66	611.90	21.41	5.82	480.20	293.89
5568.000	49.00	0.00	0.00	601.20	1870.00	612.37	0.00	612.58	13.19	4.84	1086.50	514.87
5570.000	2.00	610.80	611.40	601.20	738.00	610.26	0.00	610.63	35.42	4.93	153.89	124.01
5570.000	2.00	610.80	611.40	601.20	1152.00	610.85	606.09	611.66	79.15	7.37	198.33	129.48
5570.000	2.00	610.80	611.40	601.20	1360.00	611.46	606.64	611.91	83.12	6.30	434.34	149.17
5570.000	2.00	610.80	611.40	601.20	1870.00	612.54	0.00	612.62	20.67	3.43	1170.06	411.30

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
5628.000	58.00	611.10	608.90	601.20	738.00	610.47	0.00	610.84	34.88	4.89	164.30	124.96
5628.000	58.00	611.10	608.90	601.20	1152.00	612.00	0.00	612.09	21.23	3.33	779.71	250.04
5628.000	58.00	611.10	608.90	601.20	1360.00	612.16	0.00	612.24	21.74	3.41	892.84	291.69
5628.000	58.00	611.10	608.90	601.20	1870.00	612.67	0.00	612.73	17.07	3.15	1255.09	452.62
5630.000	2.00	0.00	0.00	601.20	738.00	610.61	0.00	610.86	10.83	3.97	208.77	224.21
5630.000	2.00	0.00	0.00	601.20	1152.00	611.95	0.00	612.11	8.50	3.78	798.28	395.19
5630.000	2.00	0.00	0.00	601.20	1360.00	612.10	0.00	612.27	9.81	4.10	900.58	434.28
5630.000	2.00	0.00	0.00	601.20	1870.00	612.62	0.00	612.76	9.69	4.21	1261.74	600.64
5679.000	49.00	0.00	0.00	602.20	738.00	610.84	0.00	610.90	3.56	2.30	559.06	391.20
5679.000	49.00	0.00	0.00	602.20	1152.00	612.09	0.00	612.14	2.92	2.31	1012.57	673.66
5679.000	49.00	0.00	0.00	602.20	1360.00	612.25	0.00	612.31	3.56	2.60	1079.28	721.12
5679.000	49.00	0.00	0.00	602.20	1870.00	612.72	0.00	612.80	4.54	3.08	1285.92	877.87
6579.000	900.00	0.00	0.00	602.70	738.00	611.23	0.00	611.38	7.63	3.45	324.59	267.10
6579.000	900.00	0.00	0.00	602.70	1152.00	612.40	0.00	612.60	8.22	4.06	447.75	401.80
6579.000	900.00	0.00	0.00	602.70	1360.00	612.62	0.00	612.87	10.03	4.58	470.59	429.41
6579.000	900.00	0.00	0.00	602.70	1870.00	613.18	0.00	613.54	13.80	5.66	528.96	503.42
6628.000	49.00	0.00	0.00	602.40	738.00	611.29	0.00	611.42	6.21	2.85	258.93	296.21
6628.000	49.00	0.00	0.00	602.40	1152.00	612.44	0.00	612.64	8.57	3.57	322.86	393.49
6628.000	49.00	0.00	0.00	602.40	1360.00	612.67	0.00	612.92	10.73	4.04	339.50	415.09
6628.000	49.00	0.00	0.00	602.40	1870.00	613.25	0.00	613.61	14.76	4.91	458.46	486.80
6630.000	2.00	613.20	613.40	602.40	738.00	611.27	0.00	611.45	23.37	3.43	215.13	152.65
6630.000	2.00	613.20	613.40	602.40	1152.00	612.34	0.00	612.75	63.85	5.15	223.83	144.16
6630.000	2.00	613.20	613.40	602.40	1360.00	612.51	0.00	613.08	91.09	6.05	225.27	142.49
6630.000	2.00	613.20	613.40	602.40	1870.00	612.92	609.07	613.95	178.92	8.18	249.53	139.80
6702.000	72.00	613.20	610.00	602.40	738.00	611.44	0.00	611.62	23.73	3.40	216.95	151.51
6702.000	72.00	613.20	610.00	602.40	1152.00	612.83	0.00	613.23	67.70	5.07	237.24	140.01
6702.000	72.00	613.20	610.00	602.40	1360.00	613.51	0.00	613.86	105.82	4.95	334.39	132.21
6702.000	72.00	613.20	610.00	602.40	1870.00	614.62	0.00	614.84	53.69	4.19	557.78	255.22
6704.000	2.00	0.00	0.00	602.40	738.00	611.51	0.00	611.63	5.55	2.73	270.55	313.36
6704.000	2.00	0.00	0.00	602.40	1152.00	613.10	0.00	613.26	6.16	3.14	402.22	464.07
6704.000	2.00	0.00	0.00	602.40	1360.00	613.72	0.00	613.88	5.79	3.23	523.62	565.14
6704.000	2.00	0.00	0.00	602.40	1870.00	614.66	0.00	614.84	6.06	3.62	709.44	759.35
6753.000	49.00	0.00	0.00	602.70	738.00	611.62	0.00	611.65	2.32	1.99	812.65	484.88
6753.000	49.00	0.00	0.00	602.70	1152.00	613.26	0.00	613.28	1.54	1.90	1295.33	928.33
6753.000	49.00	0.00	0.00	602.70	1360.00	613.88	0.00	613.90	1.45	1.95	1478.57	1128.57
6753.000	49.00	0.00	0.00	602.70	1870.00	614.84	0.00	614.87	1.62	2.21	1762.83	1470.64
7753.000	1000.00	0.00	0.00	602.70	738.00	611.86	0.00	611.91	2.76	2.25	693.23	444.41
7753.000	1000.00	0.00	0.00	602.70	1152.00	613.40	0.00	613.42	1.32	1.80	1793.32	1003.94
7753.000	1000.00	0.00	0.00	602.70	1360.00	614.01	0.00	614.02	1.01	1.66	2357.33	1355.73
7753.000	1000.00	0.00	0.00	602.70	1871.00	614.97	0.00	614.99	0.82	1.61	3316.46	2061.32

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
8453.000	700.00	0.00	0.00	603.70	738.00	612.10	0.00	612.22	6.87	3.24	441.21	281.59
8453.000	700.00	0.00	0.00	603.70	1152.00	613.51	0.00	613.59	3.87	2.83	981.23	585.92
8453.000	700.00	0.00	0.00	603.70	1360.00	614.09	0.00	614.15	3.07	2.67	1281.57	775.95
8453.000	700.00	0.00	0.00	603.70	1870.00	615.04	0.00	615.09	2.55	2.63	1829.93	1171.70
8953.000	500.00	0.00	0.00	605.30	738.00	612.52	0.00	612.71	13.78	3.94	373.41	198.79
8953.000	500.00	0.00	0.00	605.30	1152.00	613.75	0.00	613.83	6.39	3.17	882.46	455.81
8953.000	500.00	0.00	0.00	605.30	1360.00	614.28	0.00	614.34	4.89	2.95	1140.98	614.84
8953.000	500.00	0.00	0.00	605.30	1870.00	615.19	0.00	615.25	3.79	2.85	1643.99	960.31
10300.000	1347.00	0.00	0.00	606.30	738.00	613.53	0.00	613.56	3.48	2.03	956.62	395.54
10300.000	1347.00	0.00	0.00	606.30	1152.00	614.34	0.00	614.36	2.57	1.93	1604.39	719.26
10300.000	1347.00	0.00	0.00	606.30	1360.00	614.75	0.00	614.77	2.15	1.86	1934.29	927.41
10300.000	1347.00	0.00	0.00	606.30	1870.00	615.57	0.00	615.58	1.75	1.84	2589.60	1414.09
10349.000	49.00	0.00	0.00	606.40	738.00	613.55	0.00	613.57	1.46	1.33	1018.67	610.53
10349.000	49.00	0.00	0.00	606.40	1152.00	614.35	0.00	614.37	1.34	1.43	1708.28	996.73
10349.000	49.00	0.00	0.00	606.40	1360.00	614.76	0.00	614.78	1.19	1.42	2080.20	1248.50
10349.000	49.00	0.00	0.00	606.40	1870.00	615.57	0.00	615.59	1.04	1.46	2814.02	1834.41
10351.000	2.00	613.50	614.00	606.40	738.00	613.55	0.00	613.57	4.49	1.42	937.82	348.40
10351.000	2.00	613.50	614.00	606.40	1152.00	614.33	0.00	614.38	10.06	2.13	1163.29	363.22
10351.000	2.00	613.50	614.00	606.40	1360.00	614.75	0.00	614.78	12.58	1.91	1519.03	383.48
10351.000	2.00	613.50	614.00	606.40	1870.00	615.57	0.00	615.60	9.06	1.82	2254.45	621.37
10364.000	13.00	614.40	613.40	606.40	738.00	613.56	0.00	613.58	4.49	1.42	938.18	348.41
10364.000	13.00	614.40	613.40	606.40	1152.00	614.34	0.00	614.40	10.06	2.13	1162.85	363.17
10364.000	13.00	614.40	613.40	606.40	1360.00	614.77	0.00	614.80	12.57	1.91	1519.61	383.64
10364.000	13.00	614.40	613.40	606.40	1870.00	615.58	0.00	615.61	9.04	1.82	2255.89	621.90
10366.000	2.00	0.00	0.00	606.40	738.00	613.56	0.00	613.58	1.45	1.33	1022.97	612.71
10366.000	2.00	0.00	0.00	606.40	1152.00	614.38	0.00	614.40	1.29	1.41	1733.79	1012.95
10366.000	2.00	0.00	0.00	606.40	1360.00	614.78	0.00	614.80	1.17	1.42	2088.82	1254.71
10366.000	2.00	0.00	0.00	606.40	1870.00	615.59	0.00	615.61	1.04	1.46	2814.95	1835.22
10415.000	49.00	0.00	0.00	606.30	738.00	613.57	0.00	613.59	3.21	1.96	996.58	411.65
10415.000	49.00	0.00	0.00	606.30	1152.00	614.39	0.00	614.41	2.36	1.87	1654.84	749.38
10415.000	49.00	0.00	0.00	606.30	1360.00	614.79	0.00	614.81	2.04	1.83	1969.47	951.12
10415.000	49.00	0.00	0.00	606.30	1870.00	615.60	0.00	615.62	1.68	1.81	2622.50	1440.94
10765.000	350.00	0.00	0.00	607.20	738.00	613.69	0.00	613.76	6.33	2.72	665.18	293.42
10765.000	350.00	0.00	0.00	607.20	1152.00	614.48	0.00	614.53	4.84	2.66	1132.77	523.66
10765.000	350.00	0.00	0.00	607.20	1360.00	614.87	0.00	614.92	4.12	2.57	1381.42	669.82
10765.000	350.00	0.00	0.00	607.20	1870.00	615.67	0.00	615.70	3.33	2.52	1916.42	1024.97
10814.000	49.00	0.00	0.00	607.10	738.00	613.65	0.00	613.85	18.92	4.15	368.16	169.65
10814.000	49.00	0.00	0.00	607.10	1152.00	614.47	0.00	614.59	11.76	3.69	768.19	335.94
10814.000	49.00	0.00	0.00	607.10	1360.00	614.87	0.00	614.96	9.11	3.43	995.85	450.67
10814.000	49.00	0.00	0.00	607.10	1870.00	615.67	0.00	615.73	6.35	3.16	1497.79	742.14

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
10816.000	2.00	612.40	612.80	607.10	738.00	613.80	0.00	613.89	44.37	3.18	409.16	110.79
10816.000	2.00	612.40	612.80	607.10	1152.00	614.57	0.00	614.61	20.22	2.47	791.39	256.17
10816.000	2.00	612.40	612.80	607.10	1360.00	614.94	0.00	614.98	14.84	2.25	1003.04	353.01
10816.000	2.00	612.40	612.80	607.10	1870.00	615.72	0.00	615.75	9.24	1.98	1493.74	615.20
10824.000	8.00	613.10	612.80	607.10	738.00	613.85	0.00	613.93	39.28	3.02	431.38	117.75
10824.000	8.00	613.10	612.80	607.10	1152.00	614.58	0.00	614.63	19.77	2.45	798.06	259.08
10824.000	8.00	613.10	612.80	607.10	1360.00	614.95	0.00	614.99	14.62	2.23	1008.63	355.68
10824.000	8.00	613.10	612.80	607.10	1870.00	615.72	0.00	615.75	9.17	1.97	1497.91	617.62
10826.000	2.00	0.00	0.00	607.10	738.00	613.80	0.00	613.95	14.61	3.72	437.73	193.09
10826.000	2.00	0.00	0.00	607.10	1152.00	614.55	0.00	614.65	10.53	3.53	807.68	355.07
10826.000	2.00	0.00	0.00	607.10	1360.00	614.92	0.00	615.01	8.61	3.36	1020.17	463.52
10826.000	2.00	0.00	0.00	607.10	1870.00	615.70	0.00	615.76	6.19	3.12	1512.86	751.60
10875.000	49.00	0.00	0.00	607.20	738.00	613.95	0.00	614.00	4.61	2.41	784.42	343.65
10875.000	49.00	0.00	0.00	607.20	1152.00	614.64	0.00	614.69	4.15	2.51	1210.20	565.49
10875.000	49.00	0.00	0.00	607.20	1360.00	615.00	0.00	615.04	3.78	2.50	1433.40	699.50
10875.000	49.00	0.00	0.00	607.20	1870.00	615.75	0.00	615.79	3.17	2.48	1957.38	1051.09
11175.000	300.00	0.00	0.00	607.20	738.00	614.08	0.00	614.12	3.47	2.13	891.04	396.21
11175.000	300.00	0.00	0.00	607.20	1152.00	614.76	0.00	614.80	3.38	2.30	1310.34	626.70
11175.000	300.00	0.00	0.00	607.20	1360.00	615.11	0.00	615.14	3.14	2.31	1535.90	766.99
11175.000	300.00	0.00	0.00	607.20	1870.00	615.85	0.00	615.88	2.77	2.35	2052.78	1123.14
11224.000	49.00	0.00	0.00	606.80	738.00	614.09	0.00	614.13	1.65	1.72	487.48	575.07
11224.000	49.00	0.00	0.00	606.80	1152.00	614.75	0.00	614.83	2.72	2.35	618.58	698.41
11224.000	49.00	0.00	0.00	606.80	1360.00	615.08	0.00	615.18	3.12	2.59	695.78	769.58
11224.000	49.00	0.00	0.00	606.80	1870.00	615.79	0.00	615.92	3.89	3.07	900.05	947.62
11226.000	2.00	616.90	616.90	606.80	738.00	614.09	0.00	614.14	1.87	1.73	484.34	539.26
11226.000	2.00	616.90	616.90	606.80	1152.00	614.75	0.00	614.83	3.56	2.38	610.31	610.33
11226.000	2.00	616.90	616.90	606.80	1360.00	615.08	0.00	615.18	4.57	2.63	682.34	636.40
11226.000	2.00	616.90	616.90	606.80	1870.00	615.80	0.00	615.92	8.32	3.11	861.45	648.35
11299.000	73.00	616.90	615.50	606.80	738.00	614.10	0.00	614.15	1.86	1.72	486.52	540.57
11299.000	73.00	616.90	615.50	606.80	1152.00	614.77	0.00	614.86	3.53	2.37	614.98	612.84
11299.000	73.00	616.90	615.50	606.80	1360.00	615.11	0.00	615.21	4.58	2.61	688.50	635.45
11299.000	73.00	616.90	615.50	606.80	1870.00	615.86	0.00	615.99	8.16	3.06	886.92	654.78
11301.000	2.00	0.00	0.00	606.80	738.00	614.10	0.00	614.15	1.64	1.72	488.76	576.30
11301.000	2.00	0.00	0.00	606.80	1152.00	614.78	0.00	614.86	2.68	2.34	624.77	704.13
11301.000	2.00	0.00	0.00	606.80	1360.00	615.12	0.00	615.21	3.06	2.57	704.64	777.71
11301.000	2.00	0.00	0.00	606.80	1870.00	615.86	0.00	615.99	3.72	3.02	929.84	968.94
11350.000	49.00	0.00	0.00	607.20	738.00	614.13	0.00	614.16	3.30	2.09	911.83	406.43
11350.000	49.00	0.00	0.00	607.20	1152.00	614.84	0.00	614.88	3.07	2.21	1361.49	657.63
11350.000	49.00	0.00	0.00	607.20	1360.00	615.20	0.00	615.23	2.83	2.21	1599.97	808.59
11350.000	49.00	0.00	0.00	607.20	1870.00	615.99	0.00	616.01	2.43	2.23	2156.45	1199.29

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10-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	738.00	606.30	0.00	0.00	0.00	75.12	0.00
0.000	1152.00	607.70	1.40	0.00	0.00	123.75	0.00
0.000	1360.00	608.10	0.40	0.00	0.00	261.25	0.00
0.000	1870.00	609.90	0.80	0.00	0.00	551.87	0.00
49.000	738.00	606.33	0.00	0.03	0.00	130.83	49.00
49.000	1152.00	607.75	1.41	0.05	0.00	445.72	49.00
49.000	1360.00	608.16	0.41	0.06	0.00	565.75	49.00
49.000	1870.00	608.98	0.82	0.08	0.00	581.10	49.00
51.000	738.00	606.31	0.00	-0.03	0.00	130.31	2.00
51.000	1152.00	607.70	1.40	-0.04	0.00	422.11	2.00
51.000	1360.00	608.12	0.42	-0.04	0.00	565.08	2.00
51.000	1870.00	608.98	0.86	0.00	0.00	581.10	2.00
220.000	738.00	606.55	0.00	0.24	0.00	135.19	169.00
220.000	1152.00	608.16	1.61	0.46	0.00	565.82	169.00
220.000	1360.00	608.60	0.44	0.48	0.00	573.87	169.00
220.000	1870.00	609.37	0.76	0.39	0.00	588.22	169.00
222.000	738.00	606.61	0.00	0.06	0.00	136.37	2.00
222.000	1152.00	608.22	1.61	0.06	0.00	566.82	2.00
222.000	1360.00	608.63	0.42	0.03	0.00	574.57	2.00
222.000	1870.00	609.37	0.74	0.00	0.00	588.31	2.00
271.000	738.00	606.60	0.00	-0.01	0.00	77.03	49.00
271.000	1152.00	608.20	1.60	-0.01	0.00	318.04	49.00
271.000	1360.00	608.61	0.41	-0.02	0.00	398.63	49.00
271.000	1870.00	609.34	0.73	-0.03	0.00	571.30	49.00
1071.000	738.00	606.79	0.00	0.18	0.00	50.00	800.00
1071.000	1152.00	608.37	1.59	0.17	0.00	50.00	800.00
1071.000	1360.00	608.79	0.42	0.18	0.00	50.00	800.00
1071.000	1870.00	609.51	0.72	0.17	0.00	50.00	800.00
1120.000	738.00	606.76	0.00	-0.03	0.00	24.00	49.00
1120.000	1152.00	608.30	1.54	-0.07	0.00	24.00	49.00
1120.000	1360.00	608.69	0.39	-0.10	0.00	24.00	49.00
1120.000	1870.00	609.33	0.64	-0.18	0.00	24.00	49.00
1182.000	738.00	607.35	0.00	0.60	0.00	24.00	62.00
1182.000	1152.00	609.85	2.50	1.55	0.00	107.32	62.00
1182.000	1360.00	610.34	0.49	1.65	0.00	188.92	62.00
1182.000	1870.00	610.93	0.59	1.60	0.00	261.72	62.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1231.000	738.00	607.61	0.00	0.26	0.00	229.63	49.00
1231.000	1152.00	610.28	2.67	0.42	0.00	290.00	49.00
1231.000	1360.00	610.83	0.56	0.50	0.00	290.00	49.00
1231.000	1870.00	611.62	0.78	0.68	0.00	290.00	49.00
2131.000	738.00	607.88	0.00	0.27	0.00	323.62	900.00
2131.000	1152.00	610.38	2.50	0.11	0.00	751.11	900.00
2131.000	1360.00	610.94	0.56	0.11	0.00	765.80	900.00
2131.000	1870.00	611.75	0.81	0.13	0.00	787.04	900.00
3331.000	738.00	608.22	0.00	0.34	0.00	312.86	1200.00
3331.000	1152.00	610.49	2.27	0.11	0.00	606.67	1200.00
3331.000	1360.00	611.04	0.55	0.10	0.00	646.12	1200.00
3331.000	1870.00	611.85	0.81	0.10	0.00	706.42	1200.00
3380.000	738.00	608.19	0.00	-0.03	0.00	204.92	49.00
3380.000	1152.00	610.48	2.30	0.00	0.00	606.56	49.00
3380.000	1360.00	611.03	0.55	0.00	0.00	645.74	49.00
3380.000	1870.00	611.85	0.82	0.00	0.00	706.96	49.00
3382.000	738.00	608.14	0.00	-0.04	0.00	196.77	2.00
3382.000	1152.00	610.51	2.37	0.03	0.00	607.84	2.00
3382.000	1360.00	611.06	0.55	0.02	0.00	646.89	2.00
3382.000	1870.00	611.87	0.82	0.02	0.00	709.04	2.00
3390.000	738.00	608.20	0.00	0.05	0.00	206.90	8.00
3390.000	1152.00	610.51	2.32	0.00	0.00	608.01	8.00
3390.000	1360.00	611.06	0.55	0.00	0.00	647.02	8.00
3390.000	1870.00	611.87	0.82	0.00	0.00	709.24	8.00
3392.000	738.00	608.29	0.00	0.10	0.00	243.22	2.00
3392.000	1152.00	610.50	2.21	-0.01	0.00	607.66	2.00
3392.000	1360.00	611.05	0.55	-0.01	0.00	646.69	2.00
3392.000	1870.00	611.86	0.82	-0.01	0.00	708.65	2.00
3441.000	738.00	608.39	0.00	0.10	0.00	335.84	49.00
3441.000	1152.00	610.52	2.13	0.02	0.00	608.18	49.00
3441.000	1360.00	611.07	0.54	0.02	0.00	647.05	49.00
3441.000	1870.00	611.88	0.81	0.02	0.00	709.15	49.00
3641.000	738.00	608.46	0.00	0.07	0.00	369.09	200.00
3641.000	1152.00	610.55	2.09	0.02	0.00	624.08	200.00
3641.000	1360.00	611.09	0.54	0.02	0.00	630.44	200.00
3641.000	1870.00	611.90	0.82	0.02	0.00	640.03	200.00
3690.000	738.00	608.31	0.00	-0.15	0.00	234.99	49.00
3690.000	1152.00	610.52	2.22	-0.02	0.00	500.62	49.00
3690.000	1360.00	611.07	0.55	-0.02	0.00	516.30	49.00
3690.000	1870.00	611.89	0.82	-0.01	0.00	539.97	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
3692.000	738.00	608.22	0.00	-0.08	0.00	227.87	2.00
3692.000	1152.00	610.56	2.34	0.04	0.00	501.70	2.00
3692.000	1360.00	611.10	0.54	0.03	0.00	517.17	2.00
3692.000	1870.00	611.92	0.82	0.03	0.00	540.48	2.00
3703.000	738.00	608.61	0.00	0.39	0.00	260.60	11.00
3703.000	1152.00	610.57	1.96	0.01	0.00	501.89	11.00
3703.000	1360.00	611.11	0.54	0.01	0.00	517.31	11.00
3703.000	1870.00	611.92	0.81	0.01	0.00	540.61	11.00
3705.000	738.00	608.65	0.00	0.04	0.00	264.76	2.00
3705.000	1152.00	610.55	1.90	-0.02	0.00	501.75	2.00
3705.000	1360.00	611.09	0.54	-0.01	0.00	517.17	2.00
3705.000	1870.00	611.91	0.82	-0.01	0.00	540.47	2.00
3754.000	738.00	608.85	0.00	0.20	0.00	381.02	49.00
3754.000	1152.00	610.61	1.76	0.06	0.00	624.79	49.00
3754.000	1360.00	611.14	0.53	0.04	0.00	631.02	49.00
3754.000	1870.00	611.95	0.81	0.04	0.00	640.44	49.00
3854.000	738.00	608.82	0.00	-0.03	0.00	354.07	100.00
3854.000	1152.00	610.60	1.78	-0.01	0.00	483.98	100.00
3854.000	1360.00	611.13	0.53	-0.01	0.00	504.19	100.00
3854.000	1870.00	611.94	0.81	-0.01	0.00	530.37	100.00
3903.000	738.00	608.63	0.00	-0.19	0.00	67.64	49.00
3903.000	1152.00	610.57	1.93	-0.03	0.00	516.16	49.00
3903.000	1360.00	611.12	0.55	-0.01	0.00	531.88	49.00
3903.000	1870.00	611.94	0.82	0.00	0.00	555.65	49.00
3905.000	738.00	608.43	0.00	-0.21	0.00	21.00	2.00
3905.000	1152.00	610.66	2.23	0.09	0.00	518.78	2.00
3905.000	1360.00	611.18	0.52	0.06	0.00	533.66	2.00
3905.000	1870.00	611.99	0.81	0.05	0.00	556.72	2.00
3915.000	738.00	608.63	0.00	0.20	0.00	62.45	10.00
3915.000	1152.00	610.67	2.05	0.01	0.00	519.05	10.00
3915.000	1360.00	611.19	0.52	0.01	0.00	533.85	10.00
3915.000	1870.00	611.99	0.81	0.01	0.00	556.87	10.00
3917.000	738.00	609.20	0.00	0.57	0.00	338.74	2.00
3917.000	1152.00	610.63	1.43	-0.04	0.00	518.01	2.00
3917.000	1360.00	611.16	0.53	-0.03	0.00	533.08	2.00
3917.000	1870.00	611.97	0.81	-0.02	0.00	556.28	2.00
3966.000	738.00	609.49	0.00	0.29	0.00	413.87	49.00
3966.000	1152.00	610.72	1.23	0.09	0.00	488.63	49.00
3966.000	1360.00	611.21	0.50	0.05	0.00	506.82	49.00
3966.000	1870.00	612.00	0.79	0.03	0.00	532.11	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4466.000	738.00	609.61	0.00	0.13	0.00	647.06	500.00
4466.000	1152.00	610.81	1.20	0.10	0.00	700.00	500.00
4466.000	1360.00	611.30	0.49	0.09	0.00	700.00	500.00
4466.000	1870.00	612.10	0.80	0.09	0.00	700.00	500.00
4515.000	738.00	609.62	0.00	0.00	0.00	649.67	49.00
4515.000	1152.00	610.82	1.20	0.01	0.00	800.00	49.00
4515.000	1360.00	611.31	0.49	0.01	0.00	800.00	49.00
4515.000	1870.00	612.11	0.80	0.01	0.00	800.00	49.00
4517.000	738.00	609.46	0.00	-0.16	0.00	592.22	2.00
4517.000	1152.00	610.82	1.36	0.00	0.00	800.00	2.00
4517.000	1360.00	611.31	0.49	0.00	0.00	800.00	2.00
4517.000	1870.00	612.11	0.80	0.00	0.00	800.00	2.00
4568.000	738.00	610.06	0.00	0.60	0.00	800.00	51.00
4568.000	1152.00	610.87	0.81	0.05	0.00	800.00	51.00
4568.000	1360.00	611.34	0.47	0.03	0.00	800.00	51.00
4568.000	1870.00	612.13	0.79	0.02	0.00	800.00	51.00
4570.000	738.00	610.09	0.00	0.04	0.00	800.00	2.00
4570.000	1152.00	610.87	0.78	0.00	0.00	800.00	2.00
4570.000	1360.00	611.34	0.47	0.00	0.00	800.00	2.00
4570.000	1870.00	612.13	0.79	0.00	0.00	800.00	2.00
4619.000	738.00	610.11	0.00	0.02	0.00	700.00	49.00
4619.000	1152.00	610.88	0.77	0.01	0.00	700.00	49.00
4619.000	1360.00	611.35	0.46	0.01	0.00	700.00	49.00
4619.000	1870.00	612.13	0.79	0.00	0.00	700.00	49.00
5019.000	738.00	610.13	0.00	0.02	0.00	308.53	400.00
5019.000	1152.00	610.89	0.76	0.01	0.00	516.61	400.00
5019.000	1360.00	611.36	0.47	0.01	0.00	594.33	400.00
5019.000	1870.00	612.16	0.80	0.03	0.00	719.99	400.00
5519.000	738.00	610.40	0.00	0.27	0.00	204.44	500.00
5519.000	1152.00	611.22	0.82	0.33	0.00	353.67	500.00
5519.000	1360.00	611.65	0.43	0.29	0.00	386.89	500.00
5519.000	1870.00	612.40	0.75	0.24	0.00	437.49	500.00
5568.000	738.00	610.31	0.00	-0.09	0.00	61.00	49.00
5568.000	1152.00	611.00	0.69	-0.22	0.00	331.19	49.00
5568.000	1360.00	611.45	0.45	-0.19	0.00	572.67	49.00
5568.000	1870.00	612.37	0.91	-0.03	0.00	700.00	49.00
5570.000	738.00	610.26	0.00	-0.05	0.00	54.21	2.00
5570.000	1152.00	610.35	0.60	-0.15	0.00	175.98	2.00
5570.000	1360.00	611.46	0.61	0.01	0.00	571.72	2.00
5570.000	1870.00	612.54	1.08	0.18	0.00	700.00	2.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5628.000	738.00	610.47	0.00	0.21	0.00	82.83	58.00
5628.000	1152.00	612.00	1.52	1.14	0.00	698.34	58.00
5628.000	1360.00	612.16	0.16	0.70	0.00	700.00	58.00
5628.000	1870.00	612.67	0.52	0.13	0.00	700.00	58.00
5630.000	738.00	610.61	0.00	0.14	0.00	101.68	2.00
5630.000	1152.00	611.95	1.34	-0.04	0.00	690.73	2.00
5630.000	1360.00	612.10	0.15	-0.06	0.00	700.00	2.00
5630.000	1870.00	612.62	0.52	-0.05	0.00	700.00	2.00
5679.000	738.00	610.84	0.00	0.23	0.00	225.98	49.00
5679.000	1152.00	612.09	1.25	0.14	0.00	427.89	49.00
5679.000	1360.00	612.25	0.16	0.15	0.00	432.74	49.00
5679.000	1870.00	612.72	0.47	0.10	0.00	447.41	49.00
6579.000	738.00	611.23	0.00	0.39	0.00	105.00	900.00
6579.000	1152.00	612.40	1.17	0.31	0.00	105.00	900.00
6579.000	1360.00	612.62	0.22	0.37	0.00	105.00	900.00
6579.000	1870.00	613.18	0.56	0.46	0.00	105.00	900.00
6628.000	738.00	611.29	0.00	0.06	0.00	52.12	49.00
6628.000	1152.00	612.44	1.15	0.04	0.00	63.07	49.00
6628.000	1360.00	612.67	0.22	0.05	0.00	85.85	49.00
6628.000	1870.00	613.25	0.58	0.07	0.00	280.27	49.00
6630.000	738.00	611.27	0.00	-0.03	0.00	51.95	2.00
6630.000	1152.00	612.34	1.07	-0.10	0.00	58.95	2.00
6630.000	1360.00	612.51	0.17	-0.15	0.00	70.93	2.00
6630.000	1870.00	612.92	0.41	-0.32	0.00	204.95	2.00
6702.000	738.00	611.44	0.00	0.17	0.00	53.08	72.00
6702.000	1152.00	612.83	1.39	0.49	0.00	134.74	72.00
6702.000	1360.00	613.51	0.68	1.00	0.00	200.00	72.00
6702.000	1870.00	614.62	1.11	1.70	0.00	200.00	72.00
6704.000	738.00	611.51	0.00	0.07	0.00	53.55	2.00
6704.000	1152.00	613.10	1.59	0.27	0.00	194.17	2.00
6704.000	1360.00	613.72	0.62	0.21	0.00	200.00	2.00
6704.000	1870.00	614.66	0.94	0.04	0.00	200.00	2.00
6753.000	738.00	611.62	0.00	0.11	0.00	295.00	49.00
6753.000	1152.00	613.26	1.64	0.15	0.00	295.00	49.00
6753.000	1360.00	613.88	0.62	0.15	0.00	295.00	49.00
6753.000	1870.00	614.84	0.96	0.18	0.00	295.00	49.00
7753.000	738.00	611.86	0.00	0.24	0.00	444.74	1000.00
7753.000	1152.00	613.40	1.54	0.14	0.00	900.02	1000.00
7753.000	1360.00	614.01	0.61	0.13	0.00	960.65	1000.00
7753.000	1870.00	614.97	0.97	0.13	0.00	1000.00	1000.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8453.000	738.00	612.10	0.00	0.24	0.00	267.26	700.00
8453.000	1152.00	613.51	1.42	0.11	0.00	473.92	700.00
8453.000	1360.00	614.09	0.58	0.09	0.00	539.51	700.00
8453.000	1870.00	615.04	0.95	0.07	0.00	608.65	700.00
8953.000	738.00	612.52	0.00	0.43	0.00	349.87	500.00
8953.000	1152.00	613.75	1.23	0.23	0.00	467.11	500.00
8953.000	1360.00	614.28	0.53	0.18	0.00	510.10	500.00
8953.000	1870.00	615.19	0.92	0.15	0.00	602.53	500.00
10300.000	738.00	613.53	0.00	1.01	0.00	777.51	1347.00
10300.000	1152.00	614.34	0.81	0.59	0.00	800.00	1347.00
10300.000	1360.00	614.75	0.41	0.47	0.00	800.00	1347.00
10300.000	1870.00	615.57	0.82	0.37	0.00	800.00	1347.00
10349.000	738.00	613.55	0.00	0.02	0.00	770.24	49.00
10349.000	1152.00	614.35	0.80	0.01	0.00	900.00	49.00
10349.000	1360.00	614.76	0.41	0.01	0.00	900.00	49.00
10349.000	1870.00	615.57	0.82	0.01	0.00	900.00	49.00
10351.000	738.00	613.55	0.00	0.00	0.00	770.34	2.00
10351.000	1152.00	614.33	0.78	-0.02	0.00	900.00	2.00
10351.000	1360.00	614.75	0.42	-0.01	0.00	900.00	2.00
10351.000	1870.00	615.57	0.82	0.00	0.00	900.00	2.00
10364.000	738.00	613.56	0.00	0.01	0.00	770.78	13.00
10364.000	1152.00	614.34	0.79	0.01	0.00	900.00	13.00
10364.000	1360.00	614.77	0.42	0.02	0.00	900.00	13.00
10364.000	1870.00	615.58	0.82	0.01	0.00	900.00	13.00
10366.000	738.00	613.56	0.00	0.00	0.00	771.35	2.00
10366.000	1152.00	614.38	0.82	0.04	0.00	900.00	2.00
10366.000	1360.00	614.78	0.40	0.02	0.00	900.00	2.00
10366.000	1870.00	615.59	0.81	0.01	0.00	900.00	2.00
10415.000	738.00	613.57	0.00	0.01	0.00	782.42	49.00
10415.000	1152.00	614.39	0.82	0.01	0.00	800.00	49.00
10415.000	1360.00	614.79	0.40	0.01	0.00	800.00	49.00
10415.000	1870.00	615.60	0.81	0.01	0.00	800.00	49.00
10765.000	738.00	613.69	0.00	0.13	0.00	557.88	350.00
10765.000	1152.00	614.48	0.79	0.09	0.00	621.82	350.00
10765.000	1360.00	614.87	0.39	0.08	0.00	651.85	350.00
10765.000	1870.00	615.67	0.79	0.07	0.00	715.81	350.00
10814.000	738.00	613.65	0.00	-0.05	0.00	443.74	49.00
10814.000	1152.00	614.47	0.83	-0.01	0.00	532.00	49.00
10814.000	1360.00	614.87	0.40	0.00	0.00	584.56	49.00
10814.000	1870.00	615.67	0.80	0.00	0.00	667.98	49.00

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SECNO	Q	CWSEL	DIFWSF	DIFWSX	DIFKWS	TOPWID	XLCH
10816.000	738.00	613.80	0.00	0.16	0.00	458.95	2.00
10816.000	1152.00	614.57	0.77	0.09	0.00	544.29	2.00
10816.000	1360.00	614.94	0.37	0.07	0.00	592.29	2.00
10816.000	1870.00	615.72	0.78	0.04	0.00	671.57	2.00
10824.000	738.00	613.85	0.00	0.05	0.00	462.97	8.00
10824.000	1152.00	614.58	0.74	0.02	0.00	545.87	8.00
10824.000	1360.00	614.95	0.37	0.01	0.00	593.51	8.00
10824.000	1870.00	615.72	0.77	0.01	0.00	672.19	8.00
10826.000	738.00	613.80	0.00	-0.05	0.00	459.03	2.00
10826.000	1152.00	614.55	0.75	-0.04	0.00	541.48	2.00
10826.000	1360.00	614.92	0.38	-0.03	0.00	589.90	2.00
10826.000	1870.00	615.70	0.78	-0.02	0.00	670.23	2.00
10875.000	738.00	613.95	0.00	0.15	0.00	578.55	49.00
10875.000	1152.00	614.64	0.69	0.10	0.00	634.06	49.00
10875.000	1360.00	615.00	0.35	0.08	0.00	660.58	49.00
10875.000	1870.00	615.75	0.76	0.05	0.00	724.62	49.00
11175.000	738.00	614.08	0.00	0.13	0.00	590.47	300.00
11175.000	1152.00	614.76	0.68	0.12	0.00	643.41	300.00
11175.000	1360.00	615.11	0.34	0.11	0.00	669.83	300.00
11175.000	1870.00	615.85	0.74	0.09	0.00	734.61	300.00
11224.000	738.00	614.09	0.00	0.00	0.00	181.60	49.00
11224.000	1152.00	614.75	0.66	-0.02	0.00	222.41	49.00
11224.000	1360.00	615.08	0.33	-0.03	0.00	243.26	49.00
11224.000	1870.00	615.79	0.71	-0.05	0.00	386.83	49.00
11226.000	738.00	614.09	0.00	0.00	0.00	181.17	2.00
11226.000	1152.00	614.75	0.66	0.00	0.00	222.45	2.00
11226.000	1360.00	615.08	0.33	0.00	0.00	243.30	2.00
11226.000	1870.00	615.80	0.72	0.01	0.00	387.09	2.00
11299.000	738.00	614.10	0.00	0.01	0.00	181.95	73.00
11299.000	1152.00	614.77	0.67	0.03	0.00	223.85	73.00
11299.000	1360.00	615.11	0.34	0.04	0.00	245.03	73.00
11299.000	1870.00	615.86	0.75	0.07	0.00	415.86	73.00
11301.000	738.00	614.10	0.00	0.00	0.00	182.05	2.00
11301.000	1152.00	614.78	0.67	0.00	0.00	224.15	2.00
11301.000	1360.00	615.12	0.34	0.00	0.00	245.54	2.00
11301.000	1870.00	615.86	0.75	0.00	0.00	416.51	2.00
11350.000	738.00	614.13	0.00	0.02	0.00	593.38	49.00
11350.000	1152.00	614.84	0.72	0.07	0.00	649.50	49.00
11350.000	1360.00	615.20	0.36	0.09	0.00	677.15	49.00
11350.000	1870.00	615.99	0.78	0.12	0.00	748.59	49.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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FLOOD INSURANCE ZONE DATA FOR 10-YEAR FREQUENCY FLOOD

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
0.000	0.	-1.80	-0.40	0.80
49.000	49.	-1.83	-0.41	0.82
51.000	51.	-1.82	-0.42	0.86
220.000	220.	-2.05	-0.44	0.76
222.000	222.	-2.02	-0.42	0.74
271.000	271.	-2.01	-0.41	0.73
1071.000	1071.	-2.00	-0.42	0.72
1120.000	1120.	-1.93	-0.39	0.64
1182.000	1182.	-2.98	-0.49	0.59
1231.000	1231.	-3.22	-0.56	0.78
2131.000	2131.	-3.06	-0.56	0.81
3331.000	3331.	-2.82	-0.55	0.81
3380.000	3380.	-2.85	-0.55	0.82
3382.000	3382.	-2.91	-0.55	0.82
3390.000	3390.	-2.86	-0.55	0.82
3392.000	3392.	-2.76	-0.55	0.82
3441.000	3441.	-2.69	-0.54	0.81
3641.000	3641.	-2.63	-0.54	0.82
3690.000	3690.	-2.76	-0.55	0.82
3692.000	3692.	-2.88	-0.54	0.82
3703.000	3703.	-2.50	-0.54	0.81
3705.000	3705.	-2.44	-0.54	0.82
3754.000	3754.	-2.29	-0.53	0.81
3854.000	3854.	-2.31	-0.53	0.81
3903.000	3903.	-2.48	-0.55	0.82
3905.000	3905.	-2.75	-0.52	0.81
3915.000	3915.	-2.56	-0.52	0.81
3917.000	3917.	-1.96	-0.53	0.81
3966.000	3966.	-1.72	-0.50	0.79
4466.000	4466.	-1.69	-0.49	0.80
4515.000	4515.	-1.69	-0.49	0.80
4517.000	4517.	-1.85	-0.49	0.80
4568.000	4568.	-1.28	-0.47	0.79
4570.000	4570.	-1.25	-0.47	0.79
4619.000	4619.	-1.24	-0.46	0.79
5019.000	5019.	-1.23	-0.47	0.80
5519.000	5519.	-1.25	-0.43	0.75
5568.000	5568.	-1.14	-0.45	0.91
5570.000	5570.	-1.20	-0.61	1.08
5628.000	5628.	-1.68	-0.16	0.52
5630.000	5630.	-1.49	-0.15	0.52
5679.000	5679.	-1.40	-0.16	0.47
6579.000	6579.	-1.39	-0.22	0.56
6628.000	6628.	-1.37	-0.22	0.58

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6630.000	6630.	-1.25	-0.17	0.41
6702.000	6702.	-2.07	-0.68	1.11
6704.000	6704.	-2.21	-0.62	0.94
6753.000	6753.	-2.26	-0.62	0.96
7753.000	7753.	-2.15	-0.61	0.97
8453.000	8453.	-2.00	-0.58	0.95
8953.000	8953.	-1.76	-0.53	0.92
10300.000	10300.	-1.22	-0.41	0.82
10349.000	10349.	-1.21	-0.41	0.82
10351.000	10351.	-1.20	-0.42	0.82
10364.000	10364.	-1.21	-0.42	0.82
10366.000	10366.	-1.22	-0.40	0.81
10415.000	10415.	-1.23	-0.40	0.81
10765.000	10765.	-1.18	-0.39	0.79
10814.000	10814.	-1.22	-0.40	0.80
10816.000	10816.	-1.14	-0.37	0.78
10824.000	10824.	-1.10	-0.37	0.77
10826.000	10826.	-1.12	-0.38	0.78
10875.000	10875.	-1.05	-0.35	0.76
11175.000	11175.	-1.02	-0.34	0.74
11224.000	11224.	-0.99	-0.33	0.71
11226.000	11226.	-0.99	-0.33	0.72
11299.000	11299.	-1.01	-0.34	0.75
11301.000	11301.	-1.01	-0.34	0.75
11350.000	11350.	-1.08	-0.36	0.78
WEIGHTED AVG FOR REACH		-1.96	-0.47	0.80

FHF FOR THE REACH = 020 WITH 50.3 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 4

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA 10	1	DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
	0.				SEC.		0.000
	49.				SEC.		49.000
	51.				SEC.		51.000
1	100.	606.34	608.18	-1.84	-1.84	020	100.
2	200.	606.45	608.40	-1.95	-1.89	020	100.
	220.				SEC.		220.000
	222.				SEC.		222.000
	271.				SEC.		271.000
3	300.	606.57	608.58	-2.01	-1.93	020	100.
4	400.	606.62	608.63	-2.01	-1.95	020	100.
5	500.	606.64	608.65	-2.01	-1.96	020	100.
6	600.	606.67	608.68	-2.01	-1.97	020	100.
7	700.	606.69	608.70	-2.01	-1.98	020	100.

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8	800.	606.71	608.72	-2.01	-1.98	C20	100.
9	900.	606.73	608.74	-2.01	-1.98	C20	100.
10	1000.	606.76	608.76	-2.00	-1.99	C20	100.
	1071.				SEC.	1071.000	
11	1100.	606.77	608.75	-1.98	-1.99	C20	100.
	1120.				SEC.	1120.000	
	1182.				SEC.	1182.000	
12	1200.	607.11	609.63	-2.52	-2.03	020	100.
	1231.				SEC.	1231.000	
13	1300.	607.54	610.68	-3.14	-2.12	C20	92.
14	1400.	607.65	610.85	-3.20	-2.19	020	93.
15	1500.	607.68	610.86	-3.18	-2.26	025	100.
16	1600.	607.71	610.87	-3.16	-2.32	025	100.
17	1700.	607.74	610.88	-3.14	-2.36	C25	100.
18	1800.	607.77	610.90	-3.13	-2.41	C25	100.
19	1900.	607.80	610.91	-3.11	-2.44	025	100.
20	2000.	607.83	610.92	-3.09	-2.48	025	100.
21	2100.	607.86	610.93	-3.07	-2.50	025	100.
	2131.				SEC.	2131.000	
22	2200.	607.89	610.94	-3.05	-2.53	025	100.
23	2300.	607.91	610.95	-3.04	-2.55	C25	100.
24	2400.	607.94	610.96	-3.02	-2.57	C25	100.
25	2500.	607.97	610.97	-3.00	-2.59	C25	100.
26	2600.	608.00	610.97	-2.97	-2.60	C25	100.
27	2700.	608.03	610.98	-2.95	-2.62	C25	100.
28	2800.	608.05	610.99	-2.94	-2.63	C25	100.
29	2900.	608.08	611.00	-2.92	-2.64	C25	100.
30	3000.	608.11	611.01	-2.90	-2.65	025	100.
31	3100.	608.14	611.01	-2.87	-2.65	C25	100.
32	3200.	608.17	611.02	-2.85	-2.66	C25	100.
33	3300.	608.20	611.03	-2.83	-2.66	C25	100.
	3331.				SEC.	3331.000	
	3380.				SEC.	3380.000	
	3382.				SEC.	3382.000	
	3390.				SEC.	3390.000	
	3392.				SEC.	3392.000	
34	3400.	608.26	611.04	-2.78	-2.67	025	100.
	3441.				SEC.	3441.000	
35	3500.	608.36	611.06	-2.70	-2.67	025	100.
36	3600.	608.42	611.08	-2.66	-2.67	025	100.
	3641.				SEC.	3641.000	
	3690.				SEC.	3690.000	
	3692.				SEC.	3692.000	
37	3700.	608.47	611.09	-2.62	-2.67	025	100.
	3703.				SEC.	3703.000	
	3705.				SEC.	3705.000	
	3754.				SEC.	3754.000	
38	3800.	608.67	611.12	-2.45	-2.66	025	100.
	3854.				SEC.	3854.000	
39	3900.	608.74	611.12	-2.38	-2.65	C25	100.
	3903.				SEC.	3903.000	
	3905.				SEC.	3905.000	
	3915.				SEC.	3915.000	
	3917.				SEC.	3917.000	

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	3966.				SEC.	3966.000	
40	4000.	609.07	611.17	-2.10	-2.64	025	100.
41	4100.	609.51	611.23	-1.72	-2.62	025	100.
42	4200.	609.53	611.24	-1.71	-2.60	025	100.
43	4300.	609.56	611.26	-1.70	-2.58	025	100.
44	4400.	609.58	611.28	-1.70	-2.56	025	100.
	4466.				SEC.	4466.000	
45	4500.	609.61	611.30	-1.69	-2.54	025	100.
	4515.				SEC.	4515.000	
	4517.				SEC.	4517.000	
	4568.				SEC.	4568.000	
	4570.				SEC.	4570.000	
46	4600.	609.86	611.32	-1.46	-2.51	025	98.
	4619.				SEC.	4619.000	
47	4700.	610.11	611.35	-1.24	-2.49	025	96.
48	4800.	610.12	611.35	-1.23	-2.46	025	96.
49	4900.	610.12	611.35	-1.23	-2.43	025	94.
50	5000.	610.13	611.36	-1.23	-2.41	025	92.
	5019.				SEC.	5019.000	
51	5100.	610.15	611.38	-1.23	-2.39	025	90.
52	5200.	610.20	611.44	-1.24	-2.37	025	88.
53	5300.	610.25	611.49	-1.24	-2.34	025	87.
54	5400.	610.31	611.55	-1.24	-2.32	025	85.
55	5500.	610.36	611.61	-1.25	-2.30	025	84.
	5519.				SEC.	5519.000	
	5568.				SEC.	5568.000	
	5570.				SEC.	5570.000	
56	5600.	610.38	611.73	-1.35	-2.29	025	84.
	5628.				SEC.	5628.000	
	5630.				SEC.	5630.000	
	5679.				SEC.	5679.000	
57	5700.	610.61	612.04	-1.43	-2.27	025	84.
58	5800.	610.87	612.28	-1.41	-2.26	025	84.
59	5900.	610.92	612.32	-1.40	-2.24	020	93.
60	6000.	610.96	612.36	-1.40	-2.23	020	100.
61	6100.	611.00	612.40	-1.40	-2.21	020	100.
62	6200.	611.05	612.44	-1.39	-2.20	020	100.
63	6300.	611.09	612.48	-1.39	-2.19	020	98.
64	6400.	611.13	612.53	-1.40	-2.18	020	98.
65	6500.	611.17	612.57	-1.40	-2.16	020	97.
	6579.				SEC.	6579.000	
66	6600.	611.23	612.61	-1.38	-2.15	020	95.
	6628.				SEC.	6628.000	
	6630.				SEC.	6630.000	
67	6700.	611.35	613.06	-1.71	-2.15	020	96.
	6702.				SEC.	6702.000	
	6704.				SEC.	6704.000	
	6753.				SEC.	6753.000	
68	6800.	611.53	613.68	-2.15	-2.15	020	96.
69	6900.	611.64	613.89	-2.25	-2.15	020	96.
70	7000.	611.67	613.90	-2.23	-2.15	020	96.
71	7100.	611.69	613.92	-2.23	-2.15	020	96.
72	7200.	611.71	613.93	-2.22	-2.15	020	96.
73	7300.	611.74	613.94	-2.20	-2.15	020	96.

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74	7400.	611.76	613.95	-2.19	-2.15	C20	96.
75	7500.	611.78	613.97	-2.19	-2.15	C20	96.
76	7600.	611.81	613.98	-2.17	-2.15	C20	96.
77	7700.	611.83	613.99	-2.16	-2.15	C20	96.
	7753.				SEC.	7753.000	
78	7800.	611.86	614.01	-2.15	-2.15	C20	96.
79	7900.	611.89	614.02	-2.13	-2.15	C20	96.
80	8000.	611.92	614.03	-2.11	-2.15	C20	96.
81	8100.	611.96	614.04	-2.08	-2.15	C20	96.
82	8200.	611.99	614.06	-2.07	-2.15	C20	96.
83	8300.	612.03	614.07	-2.04	-2.15	C20	96.
84	8400.	612.06	614.08	-2.02	-2.15	C20	96.
	8453.				SEC.	8453.000	
85	8500.	612.11	614.10	-1.99	-2.15	C20	96.
86	8600.	612.18	614.13	-1.95	-2.14	C20	97.
87	8700.	612.26	614.17	-1.91	-2.14	C20	97.
88	8800.	612.35	614.20	-1.85	-2.14	C20	97.
89	8900.	612.44	614.24	-1.80	-2.13	C20	94.
	8953.				SEC.	8953.000	
90	9000.	612.52	614.28	-1.76	-2.13	C20	94.
91	9100.	612.60	614.31	-1.71	-2.12	C20	93.
92	9200.	612.67	614.35	-1.68	-2.12	C20	93.
93	9300.	612.75	614.38	-1.63	-2.11	C20	94.
94	9400.	612.82	614.42	-1.60	-2.11	C20	94.
95	9500.	612.89	614.45	-1.56	-2.10	C20	93.
96	9600.	612.97	614.49	-1.52	-2.10	C20	93.
97	9700.	613.04	614.52	-1.48	-2.09	C20	93.
98	9800.	613.12	614.56	-1.44	-2.08	C20	92.
99	9900.	613.19	614.59	-1.40	-2.08	C20	92.
100	10000.	613.27	614.63	-1.36	-2.07	C20	92.
101	10100.	613.34	614.66	-1.32	-2.06	C20	91.
102	10200.	613.42	614.70	-1.28	-2.06	C20	91.
	10300.				SEC.	10300.000	
103	10300.	613.49	614.73	-1.24	-2.05	C20	91.
	10349.				SEC.	10349.000	
	10351.				SEC.	10351.000	
	10364.				SEC.	10364.000	
	10366.				SEC.	10366.000	
104	10400.	613.55	614.77	-1.22	-2.04	C20	90.
	10415.				SEC.	10415.000	
105	10500.	613.58	614.80	-1.22	-2.03	C20	90.
106	10600.	613.61	614.82	-1.21	-2.02	C20	90.
107	10700.	613.65	614.85	-1.20	-2.02	C20	90.
	10765.				SEC.	10765.000	
108	10800.	613.66	614.87	-1.21	-2.01	C20	89.
	10814.				SEC.	10814.000	
	10816.				SEC.	10816.000	
	10824.				SEC.	10824.000	
	10826.				SEC.	10826.000	
	10875.				SEC.	10875.000	
109	10900.	613.81	614.94	-1.13	-2.00	C20	45.
110	11000.	613.98	615.02	-1.04	-1.99	C20	45.
111	11100.	614.03	615.06	-1.03	-1.98	C20	45.
	11175.				SEC.	11175.000	

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112     11200.  614.07  615.09   -1.02      -1.97    020          45.
        11224.                                SEC.  11224.000
        11226.                                SEC.  11226.000
        11299.                                SEC.  11299.000
113     11300.  614.10  615.10   -1.00      -1.97    C20          44.
        11301.                                SEC.  11301.000
        11350.                                SEC.  11350.000

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 2ON WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO.  FOR EXAMPLE  2C2 108 113
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.


CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC     TOTAL     WEIGHTED AVG DIFFERENCE
NO.     LENGTH     BETWEEN BASE FLOOD AND
                    10        2        0.2

108     10800.    -2.01     -0.48      0.81

FHF FOR REACH   1 = 020 WITH   89. PERCENT OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 4
=================================================================

113     11300.    -1.04     -0.35      0.75

FHF FOR REACH   2 = 010 WITH  100. PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2
=================================================================
```

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THIS RUN EXECUTED 18 SEP 84 11:22:21

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

C
T1        CITY OF TAYLOR FLOOD INSURANCE STUDY
T2        BRIGHTON DRAIN
T3       100-YEAR FREQUENCY FLOOD
```

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	602.160	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	2.000	360.000	360.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF GODDARD RD.									
X1	20.000	12.000	300.000	321.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	603.000	0.000	603.000	100.000	602.500	200.000	602.400	300.000	596.300	308.000
GR	596.200	313.000	598.500	318.000	601.900	321.000	603.500	400.000	604.200	500.000
GR	604.500	600.000	604.800	700.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	1.400	0.000	0.000	350.000	495.000	0.000	0.000	0.000
X1	69.000	20.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
X4	1.000	602.600	225.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	604.000	0.000	603.400	100.000	603.400	200.000	602.100	300.000	602.000	400.000
GR	598.300	415.000	593.000	421.000	593.000	422.000	593.000	424.000	593.000	425.000
GR	593.000	426.000	593.000	428.000	593.000	429.000	598.000	434.000	601.000	441.000
GR	601.200	491.000	601.400	600.000	602.000	700.000	602.300	800.000	603.000	900.000
SB	0.000	1.830	2.630	0.000	8.000	0.000	25.000	0.000	593.000	593.000
NC	0.050	0.050	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	325.000	775.000	0.000	0.000	0.000	0.000	0.000
X1	231.000	0.000	0.000	0.000	162.000	162.000	162.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	597.000	602.600	0.000	0.000	0.000	0.000	0.000
BT	16.000	0.000	604.000	0.000	100.000	603.400	0.000	300.000	602.800	0.000
BT	400.000	603.000	0.000	421.000	603.300	593.000	422.000	603.300	595.600	424.000
BT	603.300	596.800	425.000	603.300	597.000	426.000	603.300	596.800	428.000	603.300
BT	595.600	429.000	603.300	593.000	441.000	603.200	0.000	491.000	603.000	0.000
BT	600.000	603.000	0.000	800.000	602.600	0.000	900.000	603.000	0.000	0.000

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NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF GODDARD RD.									
X1	280.000	12.000	300.000	321.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	603.000	0.000	603.000	100.000	602.500	200.000	602.400	300.000	596.300	308.000
GR	596.200	313.000	598.500	318.000	601.900	321.000	603.500	400.000	614.200	500.000
GR	604.500	600.000	604.800	700.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	0.100	450.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF MORTONVIEW DR.									
X1	637.000	15.000	300.000	317.000	357.000	357.000	357.000	0.000	0.000	0.000
GR	604.500	0.000	603.500	100.000	603.500	200.000	603.100	250.000	602.300	300.000
GR	600.200	305.000	598.000	306.000	598.000	309.000	600.900	312.000	601.700	317.000
GR	601.800	400.000	603.000	500.000	604.300	600.000	604.600	700.000	604.200	800.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	686.000	13.000	400.000	419.000	49.000	49.000	49.000	0.000	0.000	0.000
X4	3.000	601.700	325.000	602.000	540.000	603.600	550.000	0.000	0.000	0.000
GR	604.500	0.000	604.000	100.000	603.900	200.000	602.000	300.000	601.500	400.000
GR	597.900	405.000	597.900	412.000	601.300	419.000	601.700	459.000	603.900	600.000
GR	604.600	700.000	604.200	800.000	604.500	900.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	7.000	0.000	20.000	0.000	597.900	597.900
NC	0.050	0.050	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	295.000	515.000	0.000	0.000	0.000	0.000	0.000
X1	716.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.600	603.100	0.000	0.000	0.000	0.000	0.000
BT	9.000	0.000	604.500	0.000	100.000	604.000	0.000	300.000	603.400	0.000
BT	400.000	603.100	0.000	405.000	603.100	600.600	412.000	603.200	600.600	600.000
BT	604.000	0.000	800.000	604.200	0.000	900.000	604.500	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	110.000	490.000	252.000	460.000	0.000	0.000	0.000
	UPSTREAM OF MORTONVIEW DR.									
X1	765.000	15.000	300.000	317.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.500	0.000	603.500	100.000	603.500	200.000	603.100	250.000	602.300	300.000
GR	600.200	305.000	598.000	306.000	598.000	309.000	600.900	312.000	601.700	317.000
GR	601.800	400.000	603.000	500.000	604.300	600.000	604.600	700.000	604.200	800.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF WALK BRIDGE									
X1	972.000	15.000	400.000	421.000	207.000	207.000	207.000	0.000	0.000	0.000
GR	604.700	0.000	604.500	100.000	604.300	200.000	603.500	300.000	603.200	350.000
GR	602.000	400.000	599.800	405.000	598.500	409.000	599.600	414.000	601.500	421.000
GR	602.600	471.000	603.800	500.000	605.500	600.000	605.000	700.000	604.800	800.000
X1	1021.000	15.000	300.000	319.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.500	0.000	604.200	100.000	603.500	200.000	602.600	300.000	601.700	304.000
GR	600.400	306.000	598.400	308.000	598.400	311.000	601.700	316.000	602.700	319.000
GR	603.800	400.000	604.000	500.000	605.000	600.000	605.000	700.000	604.800	800.000

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NC	0.080	0.080	0.024	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.410	148.000	424.000	0.000	0.000	0.000	0.000	0.000
X1	1023.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	11.000	0.000	604.500	0.000	100.000	604.200	0.000	200.000	603.500	0.000
BT	300.000	602.600	0.000	304.000	602.700	601.700	316.000	602.700	601.700	319.000
BT	602.700	0.000	400.000	603.800	0.000	500.000	604.000	0.000	600.000	605.000
BT	0.000	800.000	604.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.410	142.000	430.000	0.000	0.000	0.000	0.000	0.000
X1	1029.000	0.000	0.000	0.000	6.000	6.000	6.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	601.700	602.700	0.000	1.000	0.000	0.000	0.000
NC	0.080	0.080	0.024	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	140.000	435.000	0.000	0.000	0.000	0.000	0.000
X1	1031.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000

UPSTREAM OF WALK BRIDGE

X1	1080.000	15.000	400.000	421.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.700	0.000	604.500	100.000	604.300	200.000	603.500	300.000	603.200	350.000
GR	602.000	400.000	599.800	405.000	598.500	409.000	599.600	414.000	601.500	421.000
GR	602.600	471.000	603.800	500.000	605.500	600.000	605.000	700.000	604.800	800.000
NC	0.080	0.080	0.030	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	0.100	660.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF BARAGA RD.

X1	1545.000	15.000	400.000	427.000	465.000	465.000	465.000	0.000	0.000	0.000
GR	606.300	0.000	606.200	100.000	606.000	200.000	605.800	300.000	605.100	370.000
GR	604.500	400.000	600.800	410.000	599.500	414.000	600.700	418.000	603.400	427.000
GR	604.900	477.000	604.200	500.000	604.000	600.000	603.500	700.000	603.500	800.000
ET	0.000	0.000	4.100	470.000	640.000	0.000	0.000	0.000	0.000	0.000
NC	0.080	0.080	0.030	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1594.000	19.000	500.000	553.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.500	0.000	605.000	100.000	605.500	200.000	605.500	300.000	605.000	400.000
GR	603.600	500.000	601.300	502.500	600.400	503.000	599.900	503.500	599.800	504.000
GR	599.800	504.500	600.400	505.000	601.300	505.500	603.700	508.000	603.800	558.000
GR	604.500	700.000	605.000	800.000	606.000	900.000	606.000	1000.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	470.000	640.000	0.000	0.000	0.000	0.000	0.000
X1	1596.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	17.000	0.000	604.500	0.000	100.000	605.000	0.000	200.000	605.500	0.000
BT	400.000	605.000	0.000	500.000	603.600	0.000	502.500	603.700	601.300	503.000
BT	603.800	602.400	503.500	603.800	602.700	504.000	603.800	602.800	504.500	603.800
BT	602.700	505.000	603.800	600.400	505.500	603.800	601.300	508.000	603.700	0.000
BT	558.000	603.800	0.000	700.000	604.500	0.000	800.000	605.000	0.000	900.000
BT	606.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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ET	0.000	4.100	6.110	0.100	765.000	440.000	670.000	0.000	0.000	0.000
X1	1627.000	0.000	0.000	0.000	31.000	31.000	31.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	602.800	603.800	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	0.100	770.000	440.000	670.000	0.000	0.000	0.000
X1	1629.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF BARAGA RD.									
X1	1678.000	15.000	400.000	427.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.300	0.000	606.200	100.000	606.000	200.000	605.800	300.000	605.100	370.000
GR	604.500	400.000	600.800	410.000	599.500	414.000	600.700	418.000	603.400	427.000
GR	604.900	477.000	604.200	500.000	604.000	600.000	603.500	700.000	603.500	800.000
	DOWNSTREAM OF WILLIAM RD.									
X1	2458.000	16.000	500.000	517.000	780.000	780.000	780.000	0.000	0.000	0.000
GR	607.500	0.000	607.000	100.000	606.800	200.000	606.600	300.000	605.000	400.000
GR	604.800	470.000	604.000	500.000	601.900	505.000	599.800	507.000	599.800	512.000
GR	600.900	514.000	603.400	517.000	605.000	567.000	606.000	700.000	606.000	800.000
GR	606.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	235.000	900.000	235.000	416.000	0.000	0.000	0.000
X1	2507.000	16.000	405.000	409.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	607.000	0.000	606.000	100.000	603.500	200.000	604.000	300.000	604.800	350.000
GR	605.100	400.000	602.100	405.000	600.400	406.000	600.000	407.000	600.400	408.000
GR	602.100	409.000	605.200	416.000	605.000	500.000	606.000	600.000	606.000	700.000
GR	606.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.110	233.000	800.000	236.000	416.000	0.000	0.000	0.000
X1	2509.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	15.000	0.000	607.400	0.000	100.000	606.000	0.000	200.000	603.500	0.000
BT	300.000	604.000	0.000	400.000	605.100	0.000	405.000	605.200	602.100	406.000
BT	605.200	603.900	407.000	605.200	604.100	408.000	605.200	603.900	409.000	605.200
BT	602.100	416.000	605.200	0.000	500.000	605.000	0.000	600.000	606.000	0.000
BT	700.000	606.000	0.000	800.000	606.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	190.000	800.000	0.000	0.000	0.000	0.000	0.000
X1	2552.000	0.000	0.000	0.000	43.000	43.000	43.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	604.100	605.200	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	185.000	800.000	185.000	415.000	0.000	0.000	0.000
X1	2554.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	400.000	600.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF WILLIAM RD.									
X1	2603.000	16.000	500.000	517.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	607.500	0.000	607.000	100.000	606.800	200.000	606.600	300.000	605.000	400.000
GR	604.800	470.000	604.000	500.000	601.900	505.000	599.800	507.000	599.800	512.000
GR	600.900	514.000	603.400	517.000	605.000	567.000	606.000	700.000	606.000	800.000
GR	606.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 20.000

DOWNSTREAM OF GODDARD RD.

20.00	5.96	602.16	0.00	602.16	602.46	0.30	0.00	0.00	602.40
360.	0.	360.	0.	0.	82.	2.	0.	0.	601.90
0.00	0.00	4.39	0.20	0.000	0.027	0.070	0.000	596.20	300.31
0.001283	0.	0.	0.	0	0	0	0.00	33.52	333.84

CCHV= 0.300 CEHV= 0.500

*SECNO 69.000

3470 ENCROACHMENT STATIONS= 350.0 495.0 TYPE= 1 TARGET= 145.000

69.00	9.51	602.51	0.00	0.00	602.55	0.04	0.01	0.08	602.00
360.	3.	335.	21.	24.	209.	76.	0.	0.	601.00
0.01	0.14	1.61	0.28	0.070	0.027	0.070	0.000	593.00	350.00
0.000114	49.	49.	49.	2	0	0	0.00	145.00	495.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.83	2.63	0.00	8.00	0.00	25.00	0.00	593.00	593.00

*SECNO 231.000

3280 CROSS SECTION 231.00 EXTENDED 0.15 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.41	602.53	0.00	242.	119.	25.	32.	597.00	602.60

231.00	10.15	603.15	0.00	0.00	603.15	0.01	0.60	0.00	602.00
360.	29.	197.	134.	175.	235.	601.	3.	2.	601.00
0.09	0.17	0.84	0.22	0.050	0.030	0.050	0.000	593.00	207.72
0.000033	162.	162.	162.	0	0	7	0.00	692.28	900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 280.000
3280 CROSS SECTION 280.00 EXTENDED 0.06 FEET

UPSTREAM OF GODDARD RD.

280.00	6.86	603.06	0.00	0.00	603.20	0.14	0.00	0.04	602.40
360.	28.	320.	11.	97.	101.	33.	3.	2.	601.90
0.09	0.29	3.18	0.34	0.070	0.027	0.070	0.000	596.20	0.00
0.000523	49.	49.	49.	2	0	0	0.00	378.15	378.15

*SECNO 637.000

3470 ENCROACHMENT STATIONS= 0.1 450.0 TYPE= 1 TARGET= 449.900

DOWNSTREAM OF MORTONVIEW DR.

637.00	5.36	603.36	0.00	0.00	603.45	0.08	0.25	0.01	602.30
360.	18.	173.	170.	38.	53.	198.	6.	5.	601.70
0.14	0.46	3.25	0.86	0.070	0.027	0.070	0.000	598.00	216.41
0.000956	357.	357.	357.	2	0	0	0.00	233.59	450.00

CCHV= 0.300 CEHV= 0.500
*SECNO 686.000

686.00	5.55	603.45	0.00	0.00	603.48	0.03	0.02	0.02	601.50
360.	95.	171.	94.	235.	85.	215.	6.	5.	601.30
0.16	0.41	2.02	0.44	0.070	0.027	0.070	0.000	597.90	223.54
0.000210	49.	49.	49.	2	0	0	0.00	325.54	549.08

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	7.00	0.00	20.00	0.00	597.90	597.90

*SECNO 716.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.30	603.48	0.00	277.	83.	20.	19.	600.60	603.10

716.00	5.96	603.86	0.00	0.00	603.87	0.01	0.39	0.00	601.50
360.	126.	113.	121.	313.	93.	276.	6.	5.	601.30
0.17	0.40	1.22	0.44	0.050	0.030	0.050	0.000	597.90	201.39
0.000084	30.	30.	30.	0	0	8	0.00	394.19	595.59

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 765.000

3470 ENCROACHMENT STATIONS= 110.0 490.0 TYPE= 1 TARGET= 380.000

UPSTREAM OF MORTONVIEW DR.

765.00	5.86	603.86	0.00	0.00	603.89	0.03	0.01	0.01	602.30
360.	40.	134.	187.	119.	61.	313.	7.	6.	601.70
0.18	0.33	2.17	0.60	0.070	0.027	0.070	0.000	598.00	110.00
0.000350	49.	49.	49.	1	0	0	0.00	380.00	490.00

*SECNO 972.000

DOWNSTREAM OF WALK BRIDGE

972.00	5.40	603.90	0.00	0.00	603.99	0.09	0.09	0.02	602.00
360.	47.	240.	73.	103.	82.	113.	9.	7.	601.50
0.21	0.46	2.93	0.65	0.070	0.027	0.070	0.000	598.50	249.76
0.000494	207.	207.	207.	0	0	0	0.00	256.23	505.99

*SECNO 1021.000

1021.00	5.44	603.84	0.00	0.00	604.07	0.23	0.04	0.04	602.60
360.	60.	272.	29.	88.	61.	49.	9.	8.	602.70
0.21	0.68	4.42	0.59	0.070	0.027	0.070	0.000	598.40	150.97
0.001585	49.	49.	49.	2	0	0	0.00	270.65	421.62

CCHV= 0.300 CEHV= 0.500

*SECNO 1023.000

3370 NORMAL BRIDGE, NRD= 11 MIN ELTRD= 602.60 MAX ELLC= 601.70

3470 ENCROACHMENT STATIONS= 148.0 424.0 TYPE= 1 TARGET= 276.000

1023.00	5.54	603.94	0.00	0.00	604.10	0.16	0.00	0.02	602.60
360.	106.	201.	53.	101.	48.	58.	9.	8.	602.70
0.21	1.04	4.22	0.92	0.080	0.024	0.080	0.000	598.40	148.00
0.004320	2.	2.	2.	3	0	0	-15.50	276.00	424.00

*SECNO 1029.000

3370 NORMAL BRIDGE, NRD= 11 MIN ELTRD= 602.70 MAX ELLC= 601.70

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		142.0	430.0	TYPE=	1	TARGET=		288.000	
1029.00	5.60	604.00	0.00	0.00	604.13	0.13	0.02	0.01	602.60
360.	111.	192.	57.	112.	49.	65.	9.	8.	602.70
0.21	0.99	3.93	0.88	0.080	0.024	0.080	0.000	598.40	142.00
0.003627	6.	6.	6.	2	0	0	-15.50	288.00	430.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 1031.000									
3470 ENCROACHMENT STATIONS=		140.0	435.0	TYPE=	1	TARGET=		295.000	
1031.00	5.53	603.93	0.00	0.00	604.16	0.23	0.00	0.03	602.60
360.	55.	277.	28.	102.	63.	59.	9.	8.	602.70
0.21	0.54	4.38	0.48	0.080	0.024	0.080	0.000	598.40	140.00
0.001188	2.	2.	2.	2	0	0	0.00	295.00	435.00
*SECNO 1080.000									
UPSTREAM OF WALK BRIDGE									
1080.00	5.62	604.12	0.00	0.00	604.21	0.09	0.03	0.01	602.00
360.	49.	244.	66.	139.	86.	133.	10.	8.	601.50
0.22	0.35	2.83	0.50	0.080	0.024	0.080	0.000	598.50	222.50
0.000339	49.	49.	49.	2	0	0	0.00	296.32	518.82
CCHV= 0.100 CEHV= 0.300									
*SECNO 1545.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 1545.00 EXTENDED 0.80 FEET									
3470 ENCROACHMENT STATIONS=		0.1	660.0	TYPE=	1	TARGET=		659.900	
DOWNSTREAM OF BARAGA RD.									
1545.00	4.80	604.30	603.29	0.00	604.61	0.31	0.34	0.07	604.50
360.	0.	330.	30.	0.	70.	62.	12.	11.	603.40
0.25	0.00	4.70	0.48	0.000	0.030	0.080	0.000	599.50	400.53
0.002618	465.	465.	465.	4	19	0	0.00	220.07	660.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1594.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1594.00 EXTENDED 0.15 FEET

1594.00	4.86	604.66	0.00	0.00	604.83	0.17	0.17	0.04	603.60
360.	35.	265.	60.	42.	69.	74.	12.	11.	603.80
0.25	0.83	3.83	0.82	0.080	0.030	0.080	0.000	599.80	0.00
0.005092	49.	49.	49.	4	0	0	0.00	336.39	730.59

CCHV= 0.300 CEHV= 0.500
*SECNO 1596.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1596.00 EXTENDED 0.17 FEET

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.60 MAX ELLC= 602.80

1596.00	4.88	604.68	0.00	0.00	604.85	0.17	0.01	0.00	603.60
360.	46.	234.	80.	44.	59.	77.	12.	11.	603.80
0.25	1.05	3.97	1.05	0.070	0.027	0.070	0.000	599.80	0.00
0.006159	2.	2.	2.	0	0	0	-11.35	344.43	734.00

*SECNO 1627.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1627.00 EXTENDED 0.41 FEET

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.80 MAX ELLC= 602.80

3470 ENCROACHMENT STATIONS= 0.1 765.0 TYPE= 1 TARGET= 764.900

1627.00	5.11	604.91	0.00	0.00	604.98	0.08	0.11	0.03	603.60
360.	54.	207.	99.	78.	73.	124.	13.	11.	603.80
0.26	0.69	2.85	0.80	0.070	0.027	0.070	0.000	599.80	0.10
0.002387	31.	31.	31.	2	0	0	-11.35	440.05	765.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 1629.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 0.1 770.0 TYPE= 1 TARGET= 769.900

1629.00	5.11	604.91	0.00	0.00	604.99	0.08	0.00	0.00	603.60
360.	45.	231.	83.	79.	84.	126.	13.	11.	603.80
0.26	0.57	2.74	0.66	0.070	0.027	0.070	0.000	599.80	0.10
0.001619	2.	2.	2.	0	0	0	0.00	447.23	770.00

*SECNO 1678.000
3280 CROSS SECTION 1678.00 EXTENDED 1.49 FEET

UPSTREAM OF BARAGA RD.

1678.00	5.49	604.99	0.00	0.00	605.02	0.04	0.03	0.00	604.50
360.	1.	186.	173.	6.	89.	413.	13.	12.	603.40
0.27	0.15	2.09	0.42	0.070	0.027	0.070	0.000	599.50	375.71
0.000318	49.	49.	49.	2	0	0	0.00	424.29	800.00

*SECNO 2458.000
DOWNSTREAM OF WILLIAM RD.

2458.00	5.48	605.28	0.00	0.00	605.51	0.23	0.43	0.06	604.00
360.	28.	289.	42.	55.	67.	59.	19.	18.	603.40
0.33	0.51	4.31	0.72	0.070	0.027	0.070	0.000	599.80	382.61
0.001181	780.	780.	780.	3	0	0	0.00	221.40	604.01

*SECNO 2507.000

3470 ENCROACHMENT STATIONS= 235.0 900.0 TYPE= 1 TARGET= 665.000

2507.00	5.45	605.45	0.00	0.00	605.60	0.15	0.08	0.01	602.10
360.	221.	103.	35.	191.	19.	52.	19.	18.	602.10
0.33	1.16	5.46	0.68	0.070	0.027	0.070	0.000	600.00	235.00
0.002178	49.	49.	49.	3	0	0	0.00	309.82	544.82

CCHV= 0.300 CEHV= 0.500
*SECNO 2509.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD= 603.50 MAX ELLC= 604.10

3470 ENCROACHMENT STATIONS= 233.0 800.0 TYPE= 1 TARGET= 567.000

2509.00	5.61	605.61	0.00	0.00	605.64	0.03	0.00	0.03	602.10
360.	289.	31.	40.	215.	13.	64.	19.	18.	602.10
0.34	1.35	2.40	0.63	0.070	0.027	0.070	0.000	600.00	233.00
0.002626	2.	2.	2.	2	0	0	-25.40	327.78	560.78

*SECNO 2552.000

3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD= 605.20 MAX ELLC= 604.10

3470 ENCROACHMENT STATIONS= 190.0 800.0 TYPE= 1 TARGET= 610.000

2552.00	5.69	605.69	0.00	0.00	605.71	0.01	0.07	0.01	602.10
360.	305.	20.	35.	321.	13.	79.	20.	18.	602.10
0.35	0.95	1.54	0.44	0.070	0.027	0.070	0.000	600.00	190.00
0.001044	43.	43.	43.	1	0	0	-25.40	380.11	570.11

CCHV= 0.100 CEHV= 0.300
*SECNO 2554.000

3470 ENCROACHMENT STATIONS= 185.0 800.0 TYPE= 1 TARGET= 615.000

2554.00	5.68	605.68	0.00	0.00	605.72	0.03	0.00	0.01	602.10
360.	259.	63.	38.	336.	20.	88.	20.	18.	602.10
0.35	0.77	3.16	0.43	0.070	0.027	0.070	0.000	600.00	185.00
0.000681	2.	2.	2.	1	0	0	0.00	384.03	569.03

*SECNO 2603.000
UPSTREAM OF WILLIAM RD.

2603.00	5.85	605.65	0.00	0.00	605.78	0.13	0.03	0.03	604.00
360.	51.	251.	58.	103.	73.	100.	20.	19.	603.40
0.35	0.49	3.42	0.58	0.070	0.027	0.070	0.000	599.80	359.42
0.000661	49.	49.	49.	2	0	0	0.00	293.92	653.35

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THIS RUN EXECUTED 18 SEP 84 11:22:40

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

I1        CITY OF TAYLOR FLOOD INSURANCE STUDY
I2        BRIGHTON DRAIN
I3        100-YEAR FREQUENCY FLOOD WITH ENCROACHMENT

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       3.        0.        0.  0.000000      0.00      0.0       0.   602.160     0.000

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    15.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 20.000

DOWNSTREAM OF GODDARD RD.

20.00	5.96	602.16	0.00	602.16	602.46	0.30	0.00	0.00	602.40
360.	0.	360.	0.	0.	82.	2.	0.	0.	601.90
0.00	0.00	4.39	0.20	0.000	0.027	0.070	0.000	596.20	300.31
0.001283	0.	0.	0.	0	0	0	0.00	33.52	333.84

CCHV= 0.300 CEHV= 0.500

*SECNO 69.000

2800 NAT Q1= 337.80 WSEL= 602.51 ENC Q1= 337.80 WSEL= 602.61 RATIO= 0.0000

NAT Q1= 417. RATIOS LOB/CH/ROB= 0.0236 0.7794 0.1970 WSEL= 602.61

3470 ENCROACHMENT STATIONS= 400.0 471.1 TYPE= 4 TARGET= 0.190

69.00	9.51	602.51	0.00	602.51	602.55	0.04	0.01	0.08	602.00
360.	0.	347.	13.	0.	209.	44.	0.	0.	601.00
0.01	0.00	1.66	0.29	0.000	0.027	0.070	0.000	593.00	400.00
0.000124	49.	49.	49.	2	0	0	0.00	71.13	471.13

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.83	2.63	0.00	8.00	0.00	25.00	0.00	593.00	593.00

*SECNO 231.000

3700. BRIDGE STENCL= 325.00 STENCR= 775.00

3280 CROSS SECTION 231.00 EXTENDED 0.27 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.40	602.53	0.00	231.	130.	25.	32.	597.00	602.60

3470 ENCROACHMENT STATIONS= 325.0 775.0 TYPE= 1 TARGET= 450.000

231.00	10.27	603.27	0.00	603.15	603.27	0.01	0.72	0.00	602.00
360.	18.	203.	140.	93.	240.	568.	2.	1.	601.00
0.09	0.19	0.84	0.25	0.050	0.030	0.050	0.000	593.00	325.00
0.000032	162.	162.	162.	0	0	6	0.00	450.00	775.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 280.000
2800 NAT Q1= 157.47 WSEL= 603.06 ENC Q1= 157.47 WSEL= 603.16 RATIO= 0.0000
NAT Q1= 169. RATIOS LOB,CH,ROB= 0.1045 0.8595 0.0360 WSEL= 603.16
3280 CROSS SECTION 280.00 EXTENDED 0.17 FEET

3470 ENCROACHMENT STATIONS= 199.4 322.5 TYPE= 4 TARGET= 0.067
UPSTREAM OF GODDARD RD.

280.00	6.97	603.17	0.00	603.06	603.32	0.15	0.00	0.04	602.40
360.	28.	331.	1.	73.	103.	2.	3.	1.	601.90
0.09	0.39	3.21	0.38	0.070	0.027	0.070	0.000	596.20	199.42
0.000516	49.	49.	49.	2	0	0	0.00	123.07	322.49

*SECNO 637.000
2800 NAT Q1= 116.42 WSEL= 603.36 ENC Q1= 116.42 WSEL= 603.46 RATIO= 0.0000
NAT Q1= 134. RATIOS LOB,CH,ROB= 0.0551 0.4395 0.5054 WSEL= 603.46

3470 ENCROACHMENT STATIONS= 300.0 437.9 TYPE= 4 TARGET= 0.129
DOWNSTREAM OF MORTONVIEW DR.

637.00	5.48	603.48	0.00	603.36	603.57	0.09	0.25	0.01	602.30
360.	0.	177.	183.	0.	55.	199.	5.	2.	601.70
0.14	0.00	3.22	0.92	0.000	0.027	0.070	0.000	598.00	300.00
0.000963	357.	357.	357.	2	0	0	0.00	137.87	437.87

CCHV= 0.300 CEHV= 0.500
*SECNO 686.000
2800 NAT Q1= 248.55 WSEL= 603.45 ENC Q1= 248.55 WSEL= 603.55 RATIO= 0.0000
NAT Q1= 267. RATIOS LOB,CH,ROB= 0.2732 0.4597 0.2672 WSEL= 603.55

3470 ENCROACHMENT STATIONS= 293.9 524.4 TYPE= 4 TARGET= 0.068

686.00	5.67	603.57	0.00	603.45	603.61	0.03	0.02	0.02	601.50
360.	93.	177.	91.	200.	87.	197.	5.	3.	601.30
0.15	0.46	2.03	0.46	0.070	0.027	0.070	0.000	597.90	293.88
0.000205	49.	49.	49.	2	0	0	0.00	230.55	524.43

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	7.00	0.00	20.00	0.00	597.90	597.90

*SECNO 716.000
3700. BRIDGE STENCL= 295.00 STENCR= 515.00
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.42	603.61	0.00	281.	79.	20.	19.	600.60	603.10

3470 ENCROACHMENT STATIONS= 295.0 515.0 TYPE= 1 TARGET= 220.000

716.00	6.04	603.94	0.00	603.86	603.95	0.01	0.34	0.00	601.50
360.	122.	127.	111.	238.	94.	218.	5.	3.	601.30
0.16	0.51	1.35	0.51	0.050	0.030	0.050	0.000	597.90	295.00
0.000101	30.	30.	30.	1	0	6	0.00	220.00	515.00

CCHV= 0.100 CEHV= 0.300
*SECNO 765.000

3470 ENCROACHMENT STATIONS= 252.0 460.0 TYPE= 1 TARGET= 208.000
UPSTREAM OF MORTONVIEW DR.

765.00	5.93	603.93	0.00	603.86	603.96	0.04	0.01	0.01	602.30
360.	28.	143.	189.	60.	63.	288.	6.	3.	601.70
0.17	0.47	2.28	0.66	0.070	0.027	0.070	0.000	598.00	252.00
0.000374	49.	49.	49.	1	0	0	0.00	208.00	460.00

*SECNO 972.000
2800 NAT Q1= 162.00 WSEL= 603.90 ENC Q1= 162.00 WSEL= 604.00 RATIO= 0.0000
NAT Q1= 174. RATIOS LOB,CH,ROB= 0.1442 0.6455 0.2103 WSEL= 604.00

3470 ENCROACHMENT STATIONS= 346.7 468.0 TYPE= 4 TARGET= 0.069
DOWNSTREAM OF WALK BRIDGE

972.00	5.47	603.97	0.00	603.90	604.07	0.10	0.09	0.02	602.00
360.	42.	251.	68.	71.	83.	92.	8.	4.	601.50
0.20	0.58	3.01	0.73	0.070	0.027	0.070	0.000	598.50	346.69
0.000510	207.	207.	207.	2	0	0	0.00	121.34	468.03

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1021.000
2800 NAT Q1= 90.42 WSEL= 603.84 ENC Q1= 90.42 WSEL= 603.94 RATIO= 0.0000
NAT Q1= 100. RATIOS LOB/CH/ROB= 0.1866 0.7183 0.0951 WSEL= 603.94

3470 ENCROACHMENT STATIONS= 242.1 338.8 TYPE= 4 TARGET= 0.095

1021.00	5.50	603.90	0.00	603.84	604.17	0.27	0.04	0.05	602.60
360.	53.	288.	19.	60.	63.	21.	8.	4.	602.70
0.20	0.89	4.60	0.88	0.070	0.027	0.070	0.000	598.40	242.07
0.001681	49.	49.	49.	2	0	0	0.00	96.68	338.75

CCHV= 0.300 CEHV= 0.500
*SECNO 1023.000
3700. BRIDGE STENCL= 242.07 STENCR= 338.75
2800 NAT Q1= 54.77 WSEL= 603.94 ENC Q1= 54.77 WSEL= 604.04 RATIO= 0.0000
NAT Q1= 63. RATIOS LOB/CH/ROB= 0.3125 0.5173 0.1703 WSEL= 604.04

3370 NORMAL BRIDGE/NRD= 11 MIN ELTRD= 602.60 MAX ELLC= 601.70

3470 ENCROACHMENT STATIONS= 231.3 348.0 TYPE= 4 TARGET= 0.134

1023.00	5.59	603.99	0.00	603.94	604.19	0.20	0.01	0.02	602.60
360.	100.	218.	42.	75.	49.	32.	8.	4.	602.70
0.20	1.33	4.46	1.33	0.080	0.024	0.080	0.000	598.40	231.30
0.004676	2.	2.	2.	2	0	0	-15.50	116.67	347.97

*SECNO 1029.000
2800 NAT Q1= 59.78 WSEL= 604.00 ENC Q1= 59.78 WSEL= 604.10 RATIO= 0.0000
NAT Q1= 69. RATIOS LOB/CH/ROB= 0.3219 0.4945 0.1836 WSEL= 604.10

3370 NORMAL BRIDGE/NRD= 11 MIN ELTRD= 602.70 MAX ELLC= 601.70

3470 ENCROACHMENT STATIONS= 225.5 354.1 TYPE= 4 TARGET= 0.130

1029.00	5.67	604.07	0.00	604.00	604.23	0.16	0.03	0.01	602.60
360.	105.	207.	49.	84.	50.	40.	8.	4.	602.70
0.20	1.24	4.12	1.23	0.080	0.024	0.080	0.000	598.40	225.46
0.003839	6.	6.	6.	2	0	0	-15.50	128.68	354.13

CCHV= 0.100 CEHV= 0.300

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1031.000
2800 NAT Q1= 104.47 WSEL= 603.93 ENC Q1= 104.47 WSEL= 604.03 RATIO= 0.0000
NAT Q1= 115. RATIOS LOB/CH/ROB= 0.1709 0.7363 0.0928 WSEL= 604.03

3470 ENCROACHMENT STATIONS= 237.8 342.9 TYPE= 4 TARGET= 0.088

1031.00	5.60	604.00	0.00	603.93	604.26	0.26	0.00	0.03	602.60
360.	49.	292.	19.	70.	64.	27.	8.	4.	602.70
0.20	0.70	4.54	0.69	0.080	0.024	0.080	0.000	598.40	237.84
0.001239	2.	2.	2.	2	0	0	0.00	105.03	342.87

*SECNO 1080.000
2800 NAT Q1= 195.58 WSEL= 604.12 ENC Q1= 195.58 WSEL= 604.22 RATIO= 0.0000
NAT Q1= 209. RATIOS LOB/CH/ROB= 0.1490 0.6612 0.1898 WSEL= 604.22

3470 ENCROACHMENT STATIONS= 328.1 470.7 TYPE= 4 TARGET= 0.064
UPSTREAM OF WALK BRIDGE

1080.00	5.71	604.21	0.00	604.12	604.31	0.09	0.03	0.02	602.00
360.	45.	255.	61.	102.	88.	108.	8.	4.	601.50
0.21	0.44	2.88	0.56	0.080	0.024	0.080	0.000	598.50	328.06
0.000340	49.	49.	49.	2	0	0	0.00	142.66	470.73

CCHV= 0.100 CEHV= 0.300
*SECNO 1545.000
2800 NAT Q1= 70.36 WSEL= 604.30 ENC Q1= 70.36 WSEL= 604.40 RATIO= 0.0000
NAT Q1= 97. RATIOS LOB/CH/ROB= 0.0000 0.7009 0.2991 WSEL= 604.40

3265 DIVIDED FLOW

3280 CROSS SECTION 1545.00 EXTENDED 0.88 FEET

3470 ENCROACHMENT STATIONS= 400.0 522.5 TYPE= 4 TARGET= 0.275
DOWNSTREAM OF BARAGA RD.

1545.00	4.88	604.38	0.00	604.30	604.73	0.35	0.34	0.08	604.50
360.	0.	349.	11.	0.	72.	21.	10.	5.	603.40
0.23	0.00	4.82	0.53	0.000	0.030	0.080	0.000	599.50	400.32
0.002676	465.	465.	465.	2	0	0	0.00	87.97	522.51

CCHV= 0.300 CEHV= 0.500

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1594.000

3470 ENCROACHMENT STATIONS= 470.0 640.0 TYPE= 1 TARGET= 170.000

1594.00	5.00	604.80	0.00	604.66	604.94	0.14	0.15	0.06	603.60
360.	32.	267.	61.	30.	78.	65.	10.	5.	603.80
0.24	1.08	3.44	0.94	0.080	0.030	0.080	0.000	599.80	470.00
0.003527	49.	49.	49.	4	0	0	0.00	170.00	640.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1596.000
3700. BRIDGE STENCL= 470.00 STENCR= 640.00

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.60 MAX ELLC= 602.80

3470 ENCROACHMENT STATIONS= 470.0 640.0 TYPE= 1 TARGET= 170.000

1596.00	5.01	604.81	0.00	604.68	604.95	0.14	0.01	0.00	603.60
360.	41.	240.	79.	30.	67.	66.	10.	5.	603.80
0.24	1.30	3.58	1.19	0.070	0.027	0.070	0.000	599.80	470.00
0.0009	2.	2.	2.	10	0	0	-11.35	170.00	640.00

*SECNO 1627.000

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.80 MAX ELLC= 602.80

3470 ENCROACHMENT STATIONS= 440.0 670.0 TYPE= 1 TARGET= 230.000

1627.00	5.18	604.98	0.00	604.91	605.06	0.08	0.09	0.02	603.60
360.	54.	213.	92.	58.	77.	101.	10.	6.	603.80
0.24	0.94	2.78	0.91	0.070	0.027	0.070	0.000	599.80	440.00
0.002105	31.	31.	31.	2	0	0	-11.35	230.00	670.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1629.000

3470 ENCROACHMENT STATIONS= 440.0 670.0 TYPE= 1 TARGET= 230.000

1629.00	5.18	604.98	0.00	604.91	605.06	0.08	0.00	0.00	603.60
360.	46.	237.	77.	58.	89.	102.	10.	6.	603.80
0.24	0.79	2.68	0.76	0.070	0.027	0.070	0.000	599.80	440.00
0.001450	2.	2.	2.	0	0	0	0.00	230.00	670.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1678.000
2800 NAT Q1= 201.95 WSEL= 604.99 ENC Q1= 201.95 WSEL= 605.09 RATIO= 0.0000
NAT Q1= 222. RATIOS LOB/CH/ROB= 0.C036 0.4933 0.5031 WSEL= 605.09
3280 CROSS SECTION 1678.00 EXTENDED 1.55 FEET

3470 ENCROACHMENT STATIONS= 400.0 758.2 TYPE= 4 TARGET= 0.090
UPSTREAM OF BARAGA RD.

1678.00	5.55	605.05	0.00	604.99	605.09	0.04	0.03	0.00	604.50
360.	0.	197.	163.	0.	90.	373.	11.	6.	603.40
0.25	0.00	2.17	0.44	0.000	0.027	0.070	0.000	599.50	400.00
0.000342	49.	49.	49.	2	0	0	0.00	358.15	758.15

*SECNO 2458.000
2800 NAT Q1= 104.74 WSEL= 605.28 ENC Q1= 104.74 WSEL= 605.38 RATIO= 0.0000
NAT Q1= 113. RATIOS LOB/CH/ROB= 0.0953 0.7757 0.1290 WSEL= 605.38

3470 ENCROACHMENT STATIONS= 464.6 539.9 TYPE= 4 TARGET= 0.074
DOWNSTREAM OF WILLIAM RD.

2458.00	5.56	605.36	0.00	605.28	605.61	0.26	0.45	0.06	604.00
360.	22.	303.	35.	32.	68.	36.	16.	10.	603.40
0.31	0.69	4.42	0.97	0.070	0.027	0.070	0.000	599.80	464.63
0.001208	780.	780.	780.	2	0	0	0.00	75.26	539.89

*SECNO 2507.000

3470 ENCROACHMENT STATIONS= 235.0 416.0 TYPE= 1 TARGET= 181.000

2507.00	5.57	605.57	0.00	605.45	605.70	0.13	0.07	0.01	602.10
360.	241.	101.	18.	211.	19.	13.	16.	10.	602.10
0.32	1.14	5.21	1.31	0.070	0.027	0.070	0.000	600.00	235.00
0.001923	49.	49.	49.	3	0	0	0.00	181.00	416.00

CCHV= 0.300 CEHV= 0.500
*SECNO 2509.000
3700. BRIDGE STENCL= 236.00 STENCR= 416.00

3370 NORMAL BRIDGE/NRD= 15 MIN ELTRD= 603.50 MAX ELLC= 604.10

3470 ENCROACHMENT STATIONS= 236.0 416.0 TYPE= 1 TARGET= 180.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
2509.00	5.69	605.69	0.00	605.61	605.73	0.04	0.00	0.03	602.10
360.	325.	33.	2.	224.	13.	3.	16.	10.	602.10
0.32	1.45	2.52	0.67	0.070	0.027	0.070	0.000	600.00	236.00
0.002799	2.	2.	2.	9	0	0	-25.40	180.00	416.00

*SECNO 2552.000

2800 NAT Q1= 111.43 WSEL= 605.69 ENC Q1= 111.43 WSEL= 605.79 RATIO= 0.0000
NAT Q1= 142. RATIOS LOB,CH,ROB= 0.8555 0.0461 0.0983 WSEL= 605.79

3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD= 605.20 MAX ELLC= 604.10

3470 ENCROACHMENT STATIONS= 188.6 409.0 TYPE= 4 TARGET= 0.215

2552.00	5.79	605.79	0.00	605.69	605.81	0.02	0.07	0.01	602.10
360.	339.	21.	0.	344.	13.	0.	17.	10.	602.10
0.33	0.99	1.54	0.00	0.070	0.027	0.000	0.000	600.00	188.64
0.001055	43.	43.	43.	2	0	0	-14.55	220.36	409.00

CCHV= 0.100 CEHV= 0.300

*SECNO 2554.000

3470 ENCROACHMENT STATIONS= 185.0 415.0 TYPE= 1 TARGET= 230.000

2554.00	5.78	605.78	0.00	605.68	605.82	0.04	0.00	0.01	602.10
360.	284.	64.	12.	358.	20.	14.	17.	10.	602.10
0.33	0.79	3.18	0.83	0.070	0.027	0.070	0.000	600.00	185.00
0.000672	2.	2.	2.	1	0	0	0.00	230.00	415.00

*SECNO 2603.000

3470 ENCROACHMENT STATIONS= 400.0 600.0 TYPE= 1 TARGET= 200.000
UPSTREAM OF WILLIAM RD.

2603.00	5.96	605.76	0.00	605.65	605.87	0.11	0.03	0.02	604.00
360.	53.	246.	61.	101.	75.	99.	17.	10.	603.40
0.33	0.53	3.27	0.62	0.070	0.027	0.070	0.000	599.80	400.00
0.000582	49.	49.	49.	2	0	0	0.00	200.00	600.00

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THIS RUN EXECUTED 18 SEP 84 11:22:50

****
HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-YEAR FREQUENCY FLOO

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
20.000	602.16	0.00	602.46	33.52	0.00	359.67	0.33	0.00	0.00	300.00	321.00	0.00
20.000	602.16	0.00	602.46	33.52	0.00	359.67	0.33	0.00	0.00	300.00	321.00	0.00
69.000	602.51	0.00	602.55	145.00	3.40	335.30	21.30	145.00	350.00	400.00	441.00	495.00
69.000	602.51	0.00	602.55	71.13	0.00	347.19	12.81	0.19	400.00	400.00	441.00	471.13
231.000	603.15	0.00	603.15	692.28	29.15	196.93	133.92	0.00	0.00	400.00	441.00	0.00
231.000	603.27	0.12	603.27	450.00	17.79	202.54	139.67	450.00	325.00	400.00	441.00	775.00
280.000	603.06	0.00	603.20	378.15	28.36	320.50	11.15	0.00	0.00	300.00	321.00	0.00
280.000	603.17	0.11	603.32	123.07	28.09	331.21	0.70	0.07	199.42	300.00	321.00	322.49
637.000	603.36	0.00	603.45	233.59	17.56	172.67	169.77	449.90	0.10	300.00	317.00	450.00
637.000	603.48	0.12	603.57	137.87	0.00	177.26	182.74	0.13	300.00	300.00	317.00	437.87
686.000	603.45	0.00	603.48	325.54	95.12	171.07	93.81	0.00	0.00	400.00	419.00	0.00
686.000	603.57	0.12	603.61	230.55	92.68	176.65	90.67	0.07	293.88	400.00	419.00	524.43
716.000	603.86	0.00	603.87	394.19	126.22	113.05	120.73	0.00	0.00	400.00	419.00	0.00
716.000	603.94	0.07	603.95	220.00	121.75	127.22	111.02	220.00	295.00	400.00	419.00	515.00
765.000	603.86	0.00	603.89	380.00	39.88	133.59	186.52	380.00	110.00	300.00	317.00	490.00
765.000	603.93	0.07	603.96	208.00	28.36	142.78	188.86	208.00	252.00	300.00	317.00	460.00
972.000	603.90	0.00	603.99	256.23	47.00	239.53	73.46	0.00	0.00	400.00	421.00	0.00
972.000	603.97	0.07	604.07	121.34	41.55	250.86	67.59	0.07	346.69	400.00	421.00	468.03
1021.000	603.84	0.00	604.07	270.65	59.65	271.65	28.70	0.00	0.00	300.00	319.00	0.00
1021.000	603.90	0.06	604.17	96.68	53.35	288.08	18.56	0.09	242.07	300.00	319.00	338.75
1023.000	603.94	0.00	604.10	276.00	105.69	201.12	53.19	276.00	148.00	300.00	319.00	424.00
1023.000	603.99	0.06	604.19	116.67	99.63	218.10	42.27	0.13	231.30	300.00	319.00	347.97

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1029.000	604.00	0.00	604.13	288.00	110.54	192.08	57.39	288.00	142.00	300.00	319.00	430.00
1029.000	604.07	0.07	604.23	128.68	104.68	206.68	48.64	0.13	225.46	300.00	319.00	354.14
1031.000	603.93	0.00	604.16	295.00	55.19	276.87	27.94	295.00	140.00	300.00	319.00	435.00
1031.000	604.00	0.07	604.26	105.03	48.72	292.41	18.86	0.09	237.84	300.00	319.00	342.87
1080.000	604.12	0.00	604.21	296.32	49.17	244.44	66.40	0.00	0.00	400.00	421.00	0.00
1080.000	604.21	0.09	604.31	142.66	44.82	254.58	60.60	0.06	328.06	400.00	421.00	470.73
1545.000	604.30	0.00	604.61	220.07	0.00	330.34	29.66	659.90	0.10	400.00	427.00	660.00
1545.000	604.38	0.08	604.73	87.97	0.00	348.72	11.28	0.28	400.00	400.00	427.00	522.51
1594.000	604.66	0.00	604.83	336.39	34.77	264.80	60.42	0.00	0.00	500.00	558.00	0.00
1594.000	604.80	0.14	604.94	170.00	31.86	266.68	61.47	170.00	470.00	500.00	558.00	640.00
1596.000	604.68	0.00	604.85	344.43	45.82	233.71	80.47	0.00	0.00	500.00	558.00	0.00
1596.000	604.81	0.13	604.95	170.00	41.35	239.82	78.83	170.00	470.00	500.00	558.00	640.00
1627.000	604.91	0.00	604.98	440.05	53.75	206.86	99.40	764.90	0.10	500.00	558.00	765.00
1627.000	604.98	0.07	605.06	230.00	54.41	213.50	92.10	230.00	440.00	500.00	558.00	670.00
1629.000	604.91	0.00	604.99	447.23	45.17	231.38	83.45	769.90	0.10	500.00	558.00	770.00
1629.000	604.98	0.07	605.06	230.00	45.63	237.08	77.29	230.00	440.00	500.00	558.00	670.00
1678.000	604.99	0.00	605.02	424.29	0.87	185.65	173.48	0.00	0.00	400.00	427.00	0.00
1678.000	605.05	0.07	605.09	358.15	0.00	196.59	163.41	0.09	400.00	400.00	427.00	758.16
2458.000	605.28	0.00	605.51	221.40	28.21	289.43	42.36	0.00	0.00	500.00	517.00	0.00
2458.000	605.36	0.08	605.61	75.26	21.99	302.62	35.40	0.07	464.63	500.00	517.00	539.89
2507.000	605.45	0.00	605.60	309.82	221.50	103.12	35.38	665.00	235.00	405.00	409.00	900.00
2507.000	605.57	0.12	605.70	181.00	241.48	100.94	17.58	181.00	235.00	405.00	409.00	416.00
2509.000	605.61	0.00	605.64	327.78	289.17	30.51	40.32	567.00	233.00	405.00	409.00	800.00
2509.000	605.69	0.09	605.73	180.00	324.69	32.97	2.34	180.00	236.00	405.00	409.00	416.00
2552.000	605.69	0.00	605.71	380.11	305.25	20.18	34.56	610.00	190.00	405.00	409.00	800.00
2552.000	605.79	0.10	605.81	220.36	339.26	20.74	0.00	0.21	188.64	405.00	409.00	409.00
2554.000	605.68	0.00	605.72	384.03	259.48	62.70	37.82	615.00	185.00	405.00	409.00	800.00
2554.000	605.78	0.10	605.82	230.00	283.87	64.33	11.80	230.00	185.00	405.00	409.00	415.00
2603.000	605.65	0.00	605.78	293.92	50.72	251.43	57.85	0.00	0.00	500.00	517.00	0.00
2603.000	605.76	0.11	605.87	200.00	53.00	245.73	61.28	200.00	400.00	500.00	517.00	600.00

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100-YEAR FREQUENCY FLOO

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
20.000	0.00	0.00	0.00	596.20	360.00	602.16	0.00	602.46	12.83	4.39	83.67	100.51
20.000	0.00	0.00	0.00	596.20	360.00	602.16	0.00	602.46	12.83	4.39	83.67	100.51
69.000	49.00	0.00	0.00	593.00	360.00	602.51	0.00	602.55	1.14	1.61	309.18	337.80
69.000	49.00	0.00	0.00	593.00	360.00	602.51	0.00	602.55	1.24	1.66	252.34	323.39
231.000	162.00	602.60	597.00	593.00	360.00	603.15	0.00	603.15	0.33	0.84	1010.92	630.49
231.000	162.00	602.60	597.00	593.00	360.00	603.27	0.00	603.27	0.32	0.84	900.54	634.46
280.000	49.00	0.00	0.00	596.20	360.00	603.06	0.00	603.20	5.23	3.18	231.12	157.47
280.000	49.00	0.00	0.00	596.20	360.00	603.17	0.00	603.32	5.16	3.21	177.64	158.47
637.000	357.00	0.00	0.00	598.00	360.00	603.36	0.00	603.45	9.56	3.25	288.80	116.42
637.000	357.00	0.00	0.00	598.00	360.00	603.48	0.00	603.57	9.63	3.22	254.25	116.01
686.000	49.00	0.00	0.00	597.90	360.00	603.45	0.00	603.48	2.10	2.02	533.69	248.55
686.000	49.00	0.00	0.00	597.90	360.00	603.57	0.00	603.61	2.05	2.03	484.54	251.54
716.000	30.00	603.10	600.60	597.90	360.00	603.86	0.00	603.87	0.84	1.22	681.88	393.46
716.000	30.00	603.10	600.60	597.90	360.00	603.94	0.00	603.95	1.01	1.35	548.96	357.98
765.000	49.00	0.00	0.00	598.00	360.00	603.86	0.00	603.89	3.50	2.17	493.42	192.37
765.000	49.00	0.00	0.00	598.00	360.00	603.93	0.00	603.96	3.74	2.28	410.94	186.03
972.000	207.00	0.00	0.00	598.50	360.00	603.90	0.00	603.99	4.94	2.93	297.78	162.00
972.000	207.00	0.00	0.00	598.50	360.00	603.97	0.00	604.07	5.10	3.01	246.47	159.47
1021.000	49.00	0.00	0.00	598.40	360.00	603.84	0.00	604.07	15.85	4.42	197.73	90.42
1021.000	49.00	0.00	0.00	598.40	360.00	603.90	0.00	604.17	16.81	4.60	143.88	87.79
1023.000	2.00	602.60	601.70	598.40	360.00	603.94	0.00	604.10	43.20	4.22	207.14	54.77
1023.000	2.00	602.60	601.70	598.40	360.00	603.99	0.00	604.19	46.76	4.46	155.49	52.65
1029.000	6.00	602.70	601.70	598.40	360.00	604.00	0.00	604.13	36.27	3.93	226.10	59.78
1029.000	6.00	602.70	601.70	598.40	360.00	604.07	0.00	604.23	38.39	4.12	174.23	58.11
1031.000	2.00	0.00	0.00	598.40	360.00	603.93	0.00	604.16	11.88	4.38	223.67	104.47
1031.000	2.00	0.00	0.00	598.40	360.00	604.00	0.00	604.26	12.39	4.54	161.33	102.29
1080.000	49.00	0.00	0.00	598.50	360.00	604.12	0.00	604.21	3.39	2.83	358.04	195.58
1080.000	49.00	0.00	0.00	598.50	360.00	604.21	0.00	604.31	3.40	2.88	297.76	195.11
1545.000	465.00	0.00	0.00	599.50	360.00	604.30	603.29	604.61	26.18	4.70	131.92	70.36
1545.000	465.00	0.00	0.00	599.50	360.00	604.38	0.00	604.73	26.76	4.82	93.68	69.59
1594.000	49.00	0.00	0.00	599.80	360.00	604.66	0.00	604.83	50.92	3.83	184.89	50.45
1594.000	49.00	0.00	0.00	599.80	360.00	604.80	0.00	604.94	35.27	3.44	172.42	60.62

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1596.000	2.00	603.60	602.80	599.80	360.00	604.68	0.00	604.85	61.59	3.97	179.34	45.87
1596.000	2.00	603.60	602.80	599.80	360.00	604.81	0.00	604.95	42.09	3.58	163.28	55.49
1627.000	31.00	603.80	602.80	599.80	360.00	604.91	0.00	604.98	23.87	2.85	274.13	73.69
1627.000	31.00	603.80	602.80	599.80	360.00	604.98	0.00	605.06	21.05	2.78	236.01	78.47
1629.000	2.00	0.00	0.00	599.80	360.00	604.91	0.00	604.99	16.19	2.74	289.42	89.47
1629.000	2.00	0.00	0.00	599.80	360.00	604.98	0.00	605.06	14.50	2.68	248.74	94.54
1678.000	49.00	0.00	0.00	599.50	360.00	604.99	0.00	605.02	3.18	2.09	507.13	201.95
1678.000	49.00	0.00	0.00	599.50	360.00	605.05	0.00	605.09	3.42	2.17	463.30	194.80
2458.000	780.00	0.00	0.00	599.80	360.00	605.28	0.00	605.51	11.81	4.31	181.44	104.74
2458.000	780.00	0.00	0.00	599.80	360.00	605.36	0.00	605.61	12.08	4.42	136.64	103.59
2507.000	49.00	0.00	0.00	600.00	360.00	605.45	0.00	605.60	21.78	5.46	262.02	77.14
2507.000	49.00	0.00	0.00	600.00	360.00	605.57	0.00	605.70	19.23	5.21	243.97	82.10
2509.000	2.00	603.50	604.10	600.00	360.00	605.61	0.00	605.64	26.26	2.40	291.23	70.25
2509.000	2.00	603.50	604.10	600.00	360.00	605.69	0.00	605.73	27.99	2.52	240.26	68.04
2552.000	43.00	605.20	604.10	600.00	360.00	605.69	0.00	605.71	10.44	1.54	412.92	111.43
2552.000	43.00	605.20	604.10	600.00	360.00	605.79	0.00	605.81	10.55	1.54	357.13	110.86
2554.000	2.00	0.00	0.00	600.00	360.00	605.68	0.00	605.72	6.81	3.16	443.60	137.91
2554.000	2.00	0.00	0.00	600.00	360.00	605.78	0.00	605.82	6.72	3.18	392.09	138.87
2603.000	49.00	0.00	0.00	599.80	360.00	605.65	0.00	605.78	6.61	3.42	277.02	140.04
2603.000	49.00	0.00	0.00	599.80	360.00	605.76	0.00	605.87	5.82	3.27	274.55	149.25

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100-YEAR FREQUENCY FLOO

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
20.000	360.00	602.16	0.00	0.00	0.00	33.52	0.00
20.000	360.00	602.16	0.00	0.00	0.00	33.52	0.00
69.000	360.00	602.51	0.00	0.35	0.00	145.00	49.00
69.000	360.00	602.51	0.00	0.35	0.00	71.13	49.00
231.000	360.00	603.15	0.00	0.63	0.00	692.28	162.00
231.000	360.00	603.27	0.12	0.76	0.12	450.00	162.00
280.000	360.00	603.06	0.00	-0.09	0.00	378.15	49.00
280.000	360.00	603.17	0.11	-0.09	0.11	123.07	49.00
637.000	360.00	603.36	0.00	0.31	0.00	233.59	357.00
637.000	360.00	603.48	0.12	0.31	0.12	137.87	357.00
686.000	360.00	603.45	0.00	0.09	0.00	325.54	49.00
686.000	360.00	603.57	0.12	0.09	0.12	230.55	49.00
716.000	360.00	603.86	0.00	0.41	0.00	394.19	30.00
716.000	360.00	603.94	0.07	0.36	0.07	220.00	30.00
765.000	360.00	603.86	0.00	-0.01	0.00	380.00	49.00
765.000	360.00	603.93	0.07	-0.01	0.07	208.00	49.00
972.000	360.00	603.90	0.00	0.04	0.00	256.23	207.00
972.000	360.00	603.97	0.07	0.04	0.07	121.34	207.00
1021.000	360.00	603.84	0.00	-0.06	0.00	270.65	49.00
1021.000	360.00	603.90	0.06	-0.07	0.06	96.68	49.00
1023.000	360.00	603.94	0.00	0.09	0.00	276.00	2.00
1023.000	360.00	603.99	0.06	0.09	0.06	116.67	2.00
1029.000	360.00	604.00	0.00	0.06	0.00	288.00	6.00
1029.000	360.00	604.07	0.07	0.07	0.07	128.68	6.00
1031.000	360.00	603.93	0.00	-0.06	0.00	295.00	2.00
1031.000	360.00	604.00	0.07	-0.07	0.07	105.03	2.00
1080.000	360.00	604.12	0.00	0.19	0.00	296.32	49.00
1080.000	360.00	604.21	0.09	0.21	0.09	142.66	49.00
1545.000	360.00	604.30	0.00	0.18	0.00	220.07	465.00
1545.000	360.00	604.38	0.08	0.16	0.08	87.97	465.00
1594.000	360.00	604.66	0.00	0.36	0.00	336.39	49.00
1594.000	360.00	604.80	0.14	0.42	0.14	170.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1596.000	360.00	604.68	0.00	0.02	0.00	344.43	2.00
1596.000	360.00	604.81	0.13	0.01	0.13	170.00	2.00
1627.000	360.00	604.91	0.00	0.23	0.00	440.05	31.00
1627.000	360.00	604.98	0.07	0.17	0.07	230.00	31.00
1629.000	360.00	604.91	0.00	0.00	0.00	447.23	2.00
1629.000	360.00	604.98	0.07	0.00	0.07	230.00	2.00
1678.000	360.00	604.99	0.00	0.07	0.00	424.29	49.00
1678.000	360.00	605.05	0.07	0.07	0.07	358.15	49.00
2458.000	360.00	605.28	0.00	0.29	0.00	221.40	780.00
2458.000	360.00	605.36	0.08	0.30	0.08	75.26	780.00
2507.000	360.00	605.45	0.00	0.17	0.00	309.82	49.00
2507.000	360.00	605.57	0.12	0.21	0.12	181.00	49.00
2509.000	360.00	605.61	0.00	0.15	0.00	327.78	2.00
2509.000	360.00	605.69	0.09	0.13	0.09	180.00	2.00
2552.000	360.00	605.69	0.00	0.09	0.00	380.11	43.00
2552.000	360.00	605.79	0.10	0.10	0.10	220.36	43.00
2554.000	360.00	605.68	0.00	-0.01	0.00	384.03	2.00
2554.000	360.00	605.78	0.10	-0.01	0.10	230.00	2.00
2603.000	360.00	605.65	0.00	-0.03	0.00	293.92	49.00
2603.000	360.00	605.76	0.11	-0.02	0.11	200.00	49.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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FLOODWAY DATA, 100-YEAR FREQUENCY FLOO
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
20.000	34.	84.	4.3	602.2	602.2	0.0
69.000	71.	252.	1.4	602.5	602.5	0.0
231.000	450.	901.	0.4	603.2	603.1	0.1
280.000	123.	178.	2.0	603.2	603.1	0.1
637.000	138.	254.	1.4	603.5	603.4	0.1
686.000	231.	485.	0.7	603.6	603.5	0.1
716.000	220.	549.	0.7	604.0	603.9	0.1
765.000	208.	411.	0.9	604.0	603.9	0.1
972.000	121.	246.	1.5	604.0	603.9	0.1
1021.000	97.	144.	2.5	603.9	603.8	0.1
1023.000	117.	155.	2.3	604.0	603.9	0.1
1029.000	129.	174.	2.1	604.1	604.0	0.1
1031.000	105.	161.	2.2	604.0	603.9	0.1
1080.000	143.	298.	1.2	604.2	604.1	0.1
1545.000	122.	94.	3.8	604.4	604.3	0.1
1594.000	170.	172.	2.1	604.8	604.7	0.1
1596.000	170.	163.	2.2	604.8	604.7	0.1
1627.000	230.	236.	1.5	605.0	604.9	0.1
1629.000	230.	249.	1.4	605.0	604.9	0.1
1678.000	358.	463.	0.8	605.1	605.0	0.1
2458.000	75.	137.	2.6	605.4	605.3	0.1
2507.000	181.	244.	1.5	605.6	605.5	0.1
2509.000	180.	240.	1.5	605.7	605.6	0.1
2552.000	220.	357.	1.0	605.8	605.7	0.1
2554.000	230.	392.	0.9	605.8	605.7	0.1
2603.000	200.	275.	1.3	605.7	605.6	0.1

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THIS RUN EXECUTED 18 SEP 84 11:22:58

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

EJ


===> COED,BRI2EO
===> FREE ALL
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PRINTED IN U.S.A.

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     LIST FILE - 9054 - 602F3053     13 SEP 1984 1536     PAGE    1
     FILE NAME      0723EEHY*BRI2
     USER NO        EE HANNA
  1 C
  2 C      10
  3 C      20  DOWNSTREAM OF GODDARD RD.
  4 C     280  UPSTREAM OF GODDARD RD.
  5 C     637  DOWNSTREAM OF MORTONVIEW DR.
  6 C     765  UPSTREAM OF MORTONVIEW DR.
  7 C     972  DOWNSTREAM OF WALK BRIDGE
  8 C    1080  UPSTREAM OF WALK BRIDGE
  9 C    1545  DOWNSTREAM OF BARAGA RD.
 10 C    1678  UPSTREAM OF BARAGA RD.
 11 C    2458  DOWNSTREAM OF WILLIAM RD.
 12 C    2603  UPSTREAM OF WILLIAM RD.
 13 T1         CITY OF TAYLOR FLOOD INSURANCE STUDY
 14 T2         BRIGHTON DRAIN
 15 T3         10-YEAR FREQUENCY FLOOD
 16 J1      0       2       0       0   .0013       0       0       0   602.7       0
 17 J2      1       0      -1
 18 J3    110     150     201
 19 NC    .07     .07    .027      .1      .3
 20 QT      4     254     315     360     487
 21 X1     20      12     300     321       0       0       0
 22 GR 603.0       0   603.0     100   602.5     200   602.4     300   596.3     308
 23 GR 596.2     313   598.5     313   601.9     321   603.5     400   604.2     500
 24 GR 604.5     600   604.8     700
 25 NC    .07     .07    .027      .3      .5
 26 X1     69      20     400     441      49      49      49
 27 X3                            350             495
 28 X4      1   602.6     225
 29 GR 604.0       0   603.4     100   603.4     200   602.1     300   602.0     400
 30 GR 593.3     415   593.0     421   593.0     422   593.0     424   593.0     425
 31 GR 593.0     426   593.0     428   593.0     429   593.0     434   601.0     441
 32 GR 601.2     491   601.4     600   602.0     700   602.3     800   603.0     900
 33 SB      0    1.33    2.63       0       8       0      25       0   593.0   593.0
 34 NC    .05     .05    .03
 35 X1    231       0       0       0     162     162     162
 36 X2      0       0       1   597.0   602.6
 37 BT     16       0   604.0       0     100   603.4       0     300   602.8       0
 38 BT    400   603.0       0     421   603.3   593.0     422   603.3   595.6     424
 39 BT 603.3   596.8     425   603.3   597.0     426   603.3   596.8     428   603.3
 40 BT 595.6     429   603.3   593.0     441   603.2       0     491   603.0       0
 41 BT    600   603.0       0     300   602.6       0     900   603.0       0
 42 NC    .07     .07    .027      .1      .3
 43 X1    280      12     300     321      49      49      49
 44 GR 603.0       0   603.0     100   602.5     200   602.4     300   596.3     308
 45 GR 596.2     313   593.5     313   601.9     321   603.5     400   614.2     500
 46 GR 604.5     600   604.8     700
 47 X1    637      15     300     317     357     357     357
 48 X3                                    450
 49 GR 604.5       0   603.5     100   603.5     200   603.1     250   602.3     300
 50 GR 600.2     305   598.0     306   598.0     309   600.9     312   601.7     317
 51 GR 601.8     400   603.0     500   604.3     600   604.6     700   604.2     800
 52 NC   .070    .070    .027      .3      .5
 53 X1    636      13     400     419      49      49      49
 54 X4      3   601.7     325   602.0     540   603.6     550
 55 GR 604.5       0   604.0     100   603.9     200   602.0     300   601.5     400
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56	GR	597.9	405	597.2	412	601.3	419	601.7	459	603.9	600
57	GR	604.6	700	604.2	800	604.5	900				
58	SB	0	1.56	2.63	0	7	0	20	0	597.9	597.9
59	NC	.05	.05	.03							
60	X1	716	0	0	0	30	30	30			
61	X2	0	0	1	600.6	603.1					
62	BT	9	0	604.5	0	100	604.0	0	300	603.4	0
63	BT	400	603.1	0	405	603.1	600.6	412	603.2	600.6	600
64	BT	604.0	0	800	604.2	0	900	604.5	0		
65	NC	.07	.07	.027	.1	.3					
66	X1	765	15	300	317	49	49	49			
67	X3				110		490				
68	GR	604.5	0	603.5	100	603.5	200	603.1	250	602.3	300
69	GR	600.2	305	598.0	306	598.0	309	600.9	312	601.7	317
70	GR	601.8	400	603.0	500	604.3	600	604.6	700	604.2	800
71	X1	972	15	400	421	207	207	207			
72	GR	604.7	0	604.5	100	604.3	200	603.5	300	603.2	350
73	GR	602.0	400	599.8	405	598.5	409	599.6	414	601.5	421
74	GR	602.6	471	603.8	500	605.5	600	605.0	700	604.8	800
75	X1	1021	15	300	319	49	49	49			
76	GR	604.5	0	604.2	100	603.5	200	602.6	300	601.7	304
77	GR	600.4	306	598.4	308	598.4	311	601.7	316	602.7	319
78	GR	603.8	400	604.0	500	605.0	600	605.0	700	604.8	800
79	NC	.08	.08	.024	.3	.5					
80	X1	1023	0	0	0	2	2	2			
81	X3				148		424				
82	BT	11	0	604.5	0	100	604.2	0	200	603.5	0
83	BT	300	602.6	0	304	602.7	601.7	316	602.7	601.7	319
84	BT	602.7	0	400	603.3	0	500	604.0	0	600	605.0
85	BT	0	800	604.8	0						
86	X1	1029	0	0	0	6	6	6			
87	X2	0	0	0	601.7	602.7	0	1			
88	X3				142		430				
89	NC	.08	.08	.024	.1	.3					
90	X1	1031	0	0	0	2	2	2			
91	X3				140		435				
92	X1	1030	15	400	421	49	49	49			
93	GR	604.7	0	604.5	100	604.3	200	603.5	300	603.2	350
94	GR	602.0	400	599.8	405	598.5	409	599.6	414	601.5	421
95	GR	602.6	471	603.9	500	605.5	600	605.0	700	604.8	800
96	NC	.08	.08	.03	.1	.3					
97	X1	1545	15	400	427	465	465	465			
98	X3						660				
99	GR	606.3	0	606.2	100	606.0	200	605.8	300	605.1	370
100	GR	604.5	400	600.3	410	599.5	414	600.7	418	603.4	427
101	GR	604.9	477	604.2	500	604.0	600	603.5	700	603.5	800
102	NC	.08	.08	.03	.3	.5					
103	X1	1594	19	500	558	49	49	49			
104	GR	604.5	0	605.0	100	605.5	200	605.5	300	605.0	400
105	GR	603.6	500	601.3	502.5	600.4	503	599.9	503.5	599.8	504
106	GR	599.8	504.5	600.4	505	601.3	505.5	603.7	508	603.8	558
107	GR	604.5	700	605.0	800	606.0	900	606.0	1000		
108	NC	.07	.07	.027	.3	.5					
109	X1	1596	0	0	0	2	2	2			
110	BT	17	0	604.5	0	100	605.0	0	200	605.5	0

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111 BT   400   605.0     0     500   603.6     0   502.5   603.7   601.3   503
112 BT 603.8   602.4   503.5 603.8   602.7   504   503.8   602.8   504.5 603.8
113 BT 602.7     505   603.8 600.4   505.5 603.8   601.3     508   603.7     0
114 BT   558   603.8     0     700   604.5     0     800   605.0       0   900
115 BT 606.0       0
116 X1  1627       0       0       0      31    31      31
117 X3                                        765
118 X2     0       0       0   602.8   603.8     0       1
119 NC   .07     .07    .027      .1      .3
120 X1  1629       0       0       0       2     2       2
121 X3                                        770
122 X1  1678      15     400     427      49    49      49
123 GR 606.3       0   606.2     100   606.0   200   605.8     300   605.1   370
124 GR 604.5     400   600.8     410   599.5   414   600.7     418   603.4   427
125 GR 604.9     477   604.2     500   604.0   600   603.5     700   603.5   800
126 X1  2458      16     500     517     780   780     780
127 GR 607.5       0   607.0     100   606.8   200   606.6     300   605.0   400
128 GR 604.3     470   604.0     500   601.9   505   599.8     507   599.8   512
129 GR 600.9     514   603.4     517   605.0   567   606.0     700   606.0   800
130 GR 606.5     900
131 X1  2507      16     405     409      49    49      49
132 X3                           235
133 GR 607.0       0   606.0     100   603.5   200   604.0     300   604.8   350
134 GR 605.1     400   602.1     405   600.4   406   600.0     407   600.4   408
135 GR 602.1     409   605.2     416   605.0   500   606.0     600   606.0   700
136 GR 606.5     800
137 NC   .07     .07    .027      .3      .5
138 X1  2509       0       0       0       2     2       2
139 X3                           233
140 BT    15       0   607.4       0     100   606.0       0     200   603.5       0
141 BT   300   604.0       0     400   605.1       0     405   605.2   602.1     406
142 BT 605.2   603.9     407   605.2   604.1     408   605.2   603.9     409   605.2
143 BT 602.1     416   605.2       0     500   605.0       0     600   606.0       0
144 BT   700   606.0       0     800   606.5       0
145 X1  2552       0       0       0      43    43      43
146 X3                           190
147 X2     0       0       0   604.1   605.2     0       1
148 NC   .07     .07    .027      .1      .3
149 X1  2554       0       0       0       2     2       2
150 X3                           185
151 X1  2603      16     500     517      49    49      49
152 GR 607.5       0   607.0     100   606.8   200   606.6     300   605.0   400
153 GR 604.3     470   604.0     500   601.9   505   599.8     507   599.8   512
154 GR 600.9     514   603.4     517   605.0   567   606.0     700   606.0   800
155 GR 606.5     900
156 EJ
157 T1          CITY OF TAYLOR FLOOD INSURANCE STUDY
158 T2          BRIGHTON DRAIN
159 T3          50-YEAR FREQUENCY FLOOD
160 J1     0       3       0       0   .0013       0       0       0   603.9       0
161 J2     2       0      -1
162 T1          CITY OF TAYLOR FLOOD INSURANCE STUDY
163 T2          BRIGHTON DRAIN
164 T3          100-YEAR FREQUENCY FLOOD
165 J1     0       4       0       0   .0013       0       0       0   604.7       0
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166 J2      3        0       -1
167 T1           CITY OF TAYLOR FLOOD INSURANCE STUDY
168 T2           BRIGHTON DRAIN
169 T3           500-YEAR FREQUENCY FLOOD
170 J1     0        5        0        0    .0013        0        0        0   606.0        0
171 J2    15        0       -1
172 EJ
173
174
175
176 ER
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THIS RUN EXECUTED 13 SEP 84 15:16:53

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
  ERROR CORR - 01,02,03,04,05,06
  MODIFICATION - 50,51,52,53,54,55,56
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C
T1 CITY OF TAYLOR FLOOD INSURANCE STUDY
T2 BRIGHTON DRAIN
T3 10-YEAR FREQUENCY FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.001300	0.00	0.0	0.	602.700	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	4.000	254.000	315.000	360.000	487.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF GODDARD RD.									
X1	20.000	12.000	300.000	321.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	603.000	0.000	603.000	100.000	602.500	200.000	602.400	300.000	596.300	308.000
GR	596.200	313.000	598.500	318.000	601.900	321.000	603.500	400.000	604.200	500.000
GR	604.500	600.000	604.300	700.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	69.000	20.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	350.000	0.000	495.000	0.000	0.000	0.000	0.000
X4	1.000	602.600	225.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	604.000	0.000	603.400	100.000	603.400	200.000	602.100	300.000	602.000	400.000
GR	598.300	415.000	593.000	421.000	593.000	422.000	593.000	424.000	593.000	425.000
GR	593.000	426.000	593.000	428.000	593.000	429.000	598.000	434.000	601.000	441.000
GR	601.200	491.000	601.400	600.000	602.000	700.000	602.300	800.000	603.000	900.000
SB	0.000	1.830	2.630	0.000	8.000	0.000	25.000	0.000	593.000	593.000
NC	0.050	0.050	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	231.000	0.000	0.000	0.000	162.000	162.000	162.000	0.000	0.000	0.000
X2	0.000	0.030	1.000	597.000	602.600	0.000	0.000	0.000	0.000	0.000
BT	16.000	0.000	604.000	0.000	100.000	603.400	0.000	300.000	602.800	0.000
BT	400.000	603.000	0.000	421.200	603.300	593.000	422.000	603.300	595.600	424.000
BT	603.300	596.800	425.000	603.300	597.000	426.000	603.300	596.800	428.000	603.300
BT	595.600	429.000	603.300	593.000	441.000	603.200	0.000	491.000	603.000	0.000
BT	600.000	603.000	0.000	800.000	602.600	0.000	900.000	603.000	0.000	0.000

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NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF GODDARD RD.									
X1	280.000	12.000	300.000	321.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	603.000	0.000	603.000	100.000	602.500	200.000	602.400	300.000	596.300	308.000
GR	596.200	313.000	593.500	313.000	601.900	321.000	603.500	400.000	614.200	500.000
GR	604.500	600.000	604.800	700.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF MORTONVIEW DR.									
X1	637.000	15.000	300.000	317.000	357.000	357.000	357.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	450.000	0.000	0.000	0.000	0.000
GR	604.500	0.000	603.500	100.000	603.500	200.000	603.100	250.000	602.300	300.000
GR	600.200	305.000	598.000	306.000	598.000	309.000	600.900	312.000	601.700	317.000
GR	601.800	400.000	603.000	500.000	604.300	600.000	604.600	700.000	604.200	800.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	686.000	13.000	400.000	419.000	49.000	49.000	49.000	0.000	0.000	0.000
X4	3.000	601.700	325.000	602.000	540.000	603.600	550.000	0.000	0.000	0.000
GR	604.500	0.000	604.000	100.000	603.900	200.000	602.000	300.000	601.500	400.000
GR	597.900	405.000	597.900	412.000	601.300	419.000	601.700	459.000	603.900	600.000
GR	604.600	700.000	604.200	800.000	604.500	900.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	7.000	0.000	20.000	0.000	597.900	597.900
NC	0.050	0.050	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	716.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.600	603.100	0.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	604.500	0.000	100.000	604.000	0.000	300.000	603.400	0.000
BT	400.000	603.100	0.000	405.000	603.100	600.600	412.000	603.200	600.600	600.000
BT	604.000	0.000	800.000	604.200	0.000	900.000	604.500	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF MORTONVIEW DR.									
X1	765.000	15.000	300.000	317.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	110.000	0.000	490.000	0.000	0.000	0.000	0.000
GR	604.500	0.000	603.500	100.000	603.500	200.000	603.100	250.000	602.300	300.000
GR	600.200	305.000	598.000	306.000	598.000	309.000	600.900	312.000	601.700	317.000
GR	601.800	400.000	603.000	500.000	604.300	600.000	604.600	700.000	604.200	800.000
	DOWNSTREAM OF WALK BRIDGE									
X1	972.000	15.000	400.000	421.000	207.000	207.000	207.000	0.000	0.000	0.000
GR	604.700	0.000	604.500	100.000	604.300	200.000	603.500	300.000	603.200	350.000
GR	602.000	400.000	599.800	405.000	598.500	409.000	599.600	414.000	601.500	421.000
GR	602.600	471.000	603.300	500.000	605.500	600.000	605.000	700.000	604.800	800.000
X1	1021.000	15.000	300.000	319.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.500	0.000	604.200	100.000	603.500	200.000	602.600	300.000	601.700	304.000
GR	600.400	306.000	598.400	308.000	598.400	311.000	601.700	316.000	602.700	319.000
GR	603.800	400.000	604.000	500.000	605.000	600.000	605.000	700.000	604.800	800.000

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NC	0.080	0.080	0.024	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1023.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	148.000	0.000	424.000	0.000	0.000	0.000	0.000
BT	11.000	0.000	604.500	0.000	100.000	604.200	0.000	200.000	603.500	0.000
BT	300.000	602.600	0.000	304.000	602.700	601.700	316.000	602.700	601.700	319.000
BT	602.700	0.000	400.000	603.800	0.000	500.000	604.000	0.000	600.000	605.000
BT	0.000	800.000	604.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1029.000	0.000	0.000	0.000	6.000	6.000	6.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	601.700	602.700	0.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	142.000	0.000	430.000	0.000	0.000	0.000	0.000
NC	0.080	0.080	0.024	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	1031.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	140.000	0.000	435.000	0.000	0.000	0.000	0.000
	UPSTREAM OF WALK BRIDGE									
X1	1080.000	15.000	400.000	421.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.700	0.000	604.500	100.000	604.300	200.000	603.500	300.000	603.200	350.000
GR	602.000	400.000	599.800	405.000	598.500	409.000	599.600	414.000	601.500	421.000
GR	602.600	471.000	603.800	500.000	605.500	600.000	605.000	700.000	604.800	800.000
NC	0.080	0.080	0.030	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF BARAGA RD.									
X1	1545.000	15.000	400.000	427.000	465.000	465.000	465.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	660.000	0.000	0.000	0.000	0.000
GR	606.300	0.000	606.200	100.000	606.000	200.000	605.800	300.000	605.100	370.000
GR	604.500	400.000	600.300	410.000	599.500	414.000	600.700	418.000	603.400	427.000
GR	604.900	477.000	604.200	500.000	604.000	600.000	603.500	700.000	603.500	800.000
NC	0.080	0.080	0.030	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1594.000	19.000	500.000	558.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.500	0.000	605.000	100.000	605.500	200.000	605.500	300.000	605.000	400.000
GR	603.600	500.000	601.300	502.500	600.400	503.000	599.900	503.500	599.300	504.000
GR	599.800	504.500	600.400	505.000	601.300	505.500	603.700	508.000	603.800	558.000
GR	604.500	700.000	605.000	800.000	606.000	900.000	606.000	1000.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1596.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	17.000	0.000	604.500	0.000	100.000	605.000	0.000	200.000	605.500	0.000
BT	400.000	605.000	0.000	500.000	603.600	0.000	502.500	603.700	601.300	503.000
BT	603.800	602.400	503.500	603.800	602.700	504.000	603.800	602.800	504.500	603.800
BT	602.700	505.000	603.800	600.400	505.500	603.800	601.300	508.000	603.700	0.000
BT	558.000	603.800	0.000	700.000	604.500	0.000	800.000	605.000	0.000	900.000
BT	606.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1627.000	0.000	0.000	0.000	31.000	31.000	31.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	765.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	602.800	603.300	0.000	1.000	0.000	0.000	0.000

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NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	1629.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	770.000	0.000	0.000	0.000	0.000
	UPSTREAM OF BARAGA RD.									
X1	1678.000	15.000	400.000	427.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.300	0.000	606.200	100.000	606.000	200.000	605.800	300.000	605.100	370.000
GR	604.500	400.000	600.800	410.000	598.500	414.000	600.700	418.000	603.400	427.000
GR	604.900	477.000	604.200	500.000	604.000	600.000	603.500	700.000	603.500	800.000
	DOWNSTREAM OF WILLIAM RD.									
X1	2458.000	16.000	500.000	517.000	780.000	780.000	780.000	0.000	0.000	0.000
GR	607.500	0.000	607.000	100.000	606.800	200.000	606.600	300.000	605.000	400.000
GR	604.800	470.000	604.000	500.000	601.900	505.000	599.800	507.000	599.800	512.000
GR	600.900	514.000	603.400	517.000	605.000	567.000	606.000	700.000	606.000	800.000
GR	606.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2507.000	16.000	405.000	409.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	235.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	607.000	0.000	606.000	100.000	603.500	200.000	604.000	300.000	604.800	350.000
GR	605.100	400.000	602.100	405.000	600.400	406.000	600.000	407.000	600.400	408.000
GR	602.100	409.000	605.200	416.000	605.000	500.000	606.000	600.000	606.000	700.000
GR	606.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	2509.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	233.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	15.000	0.000	607.400	0.000	100.000	606.000	0.000	200.000	603.500	0.000
BT	300.000	604.000	0.000	400.000	605.100	0.000	405.000	605.200	602.100	406.000
BT	605.200	603.900	407.000	405.200	604.100	408.000	605.200	603.900	409.000	605.200
BT	602.100	416.000	605.200	0.000	500.000	605.000	0.000	600.000	606.000	0.000
BT	700.000	606.000	0.000	800.000	606.500	0.000	0.000	0.000	0.000	0.000
X1	2552.000	0.000	0.000	0.000	43.000	43.000	43.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	190.000	0.000	0.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	604.100	605.200	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	2554.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	185.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF WILLIAM RD.									
X1	2603.000	16.000	500.000	517.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	607.500	0.000	607.000	100.000	606.800	200.000	606.600	300.000	605.000	400.000
GR	604.800	470.000	604.000	500.000	601.900	505.000	599.800	507.000	599.800	512.000
GR	600.900	514.000	603.400	517.000	605.000	567.000	606.000	700.000	606.000	800.000
GR	606.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300
*SECNO 20.000
DOWNSTREAM OF GODDARD RD.

20.00	5.04	601.24	0.00	602.70	601.49	0.25	0.00	0.00	602.40
254.	0.	254.	0.	0.	64.	0.	0.	0.	601.90
0.00	0.00	3.98	0.00	0.000	0.027	0.000	0.000	596.20	301.52
0.001292	0.	0.	0.	0	0	6	0.00	18.90	320.42

CCHV= 0.300 CEHV= 0.500
*SECNO 69.000

3470 ENCROACHMENT STATIONS= 350.0 495.0 TYPE= 1 TARGET= 145.000

69.00	8.53	601.53	0.00	0.00	601.57	0.03	0.01	0.06	602.00
254.	0.	251.	3.	0.	169.	23.	0.	0.	601.00
0.01	0.00	1.48	0.13	0.000	0.027	0.070	0.000	593.00	401.89
0.000121	49.	49.	49.	2	0	0	0.00	93.11	495.00

SPECIAL BRIDGE

SB XK	XKOP	CCEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.83	2.63	0.00	8.00	0.00	25.00	0.00	593.00	593.00

*SECNO 231.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.47	601.56	0.00	75.	179.	25.	32.	597.00	602.60

231.00	9.98	602.98	0.00	0.00	602.98	0.00	1.42	0.00	602.00
254.	17.	150.	87.	143.	228.	523.	2.	2.	601.00
0.11	0.12	0.66	0.17	0.050	0.030	0.050	0.000	593.00	212.98
0.000021	162.	162.	162.	0	0	7	0.00	684.85	897.83

CCHV= 0.100 CEHV= 0.300
*SECNO 280.000
UPSTREAM OF GODDARD RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
280.00	6.73	602.93	0.00	0.00	603.01	0.08	0.00	0.02	602.40
254.	13.	234.	6.	66.	98.	26.	3.	2.	601.90
0.12	0.20	2.39	0.24	0.070	0.027	0.070	0.000	596.20	114.24
0.000306	49.	49.	49.	2	0	0	0.00	257.56	371.80

*SECNO 637.000

3470 ENCROACHMENT STATIONS= 0.0 450.0 TYPE= 1 TARGET= 449.999
DOWNSTREAM OF MORTONVIEW DR.

637.00	5.11	603.11	0.00	0.00	603.18	0.07	0.17	0.00	602.30
254.	7.	135.	112.	21.	49.	163.	5.	4.	601.70
0.17	0.33	2.78	0.69	0.070	0.027	0.070	0.000	598.00	248.67
0.000781	357.	357.	357.	2	0	0	0.00	201.33	450.00

CCHV= 0.300 CEHV= 0.500
*SECNO 686.000

686.00	5.28	603.18	0.00	0.00	603.21	0.02	0.01	0.01	601.50
254.	60.	133.	61.	189.	79.	179.	5.	4.	601.30
0.18	0.32	1.67	0.36	0.070	0.027	0.070	0.000	597.90	237.81
0.000156	49.	49.	49.	2	0	0	0.00	309.57	547.38

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	7.00	0.00	20.00	0.00	597.90	597.90

*SECNO 716.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
607.09	603.21	0.00	160.	94.	20.	19.	600.60	603.10

716.00	5.82	603.72	0.00	0.00	603.72	0.01	0.52	0.00	601.50
254.	86.	84.	83.	264.	90.	251.	5.	4.	601.30
0.20	0.30	0.94	0.33	0.050	0.030	0.050	0.000	597.90	209.43
0.000052	30.	30.	30.	0	0	7	0.00	360.71	570.14

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 765.000

3470 ENCROACHMENT STATIONS= 110.0 490.0 TYPE= 1 TARGET= 380.000

UPSTREAM OF MORTONVIEW DR.

765.00	5.71	603.71	0.00	0.00	603.73	0.02	0.00	0.00	602.30
254.	22.	101.	131.	91.	59.	287.	6.	5.	601.70
0.21	0.25	1.71	0.46	0.070	0.027	0.070	0.000	598.00	110.00
0.000229	49.	49.	49.	1	0	0	0.00	380.00	490.00

*SECNO 972.000

DOWNSTREAM OF WALK BRIDGE

972.00	5.24	603.74	0.00	0.00	603.80	0.06	0.06	0.01	602.00
254.	28.	177.	49.	80.	78.	100.	8.	6.	601.50
0.25	0.34	2.27	0.49	0.070	0.027	0.070	0.000	598.50	270.12
0.000313	207.	207.	207.	0	0	0	0.00	228.41	498.53

*SECNO 1021.000

1021.00	5.30	603.70	0.00	0.00	603.85	0.15	0.03	0.03	602.60
254.	34.	204.	16.	68.	59.	37.	8.	7.	602.70
0.25	0.50	3.48	0.43	0.070	0.027	0.070	0.000	598.40	171.68
0.001046	49.	49.	49.	2	0	0	0.00	220.82	392.51

CCHV= 0.300 CEHV= 0.500

*SECNO 1023.000

3370 NORMAL BRIDGE/NRD= 11 MIN ELTRD= 602.60 MAX ELLC= 601.70

3470 ENCROACHMENT STATIONS= 148.0 424.0 TYPE= 1 TARGET= 276.000

1023.00	5.30	603.70	0.00	0.00	603.86	0.16	0.00	0.00	602.60
254.	59.	167.	28.	68.	43.	37.	8.	7.	602.70
0.25	3.87	3.87	0.75	0.080	0.024	0.080	0.000	598.40	171.53
0.004147	2.	2.	2.	0	0	0	-15.50	221.05	392.58

*SECNO 1029.000

3370 NORMAL BRIDGE/NRD= 11 MIN ELTRD= 602.70 MAX ELLC= 601.70

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		142.0	430.0	TYPE=	1	TARGET=	288.000		
1029.00	5.35	603.75	0.00	0.00	603.89	0.14	0.02	0.01	602.60
254.	63.	162.	29.	74.	44.	41.	8.	7.	602.70
0.25	0.84	3.66	0.73	0.080	0.024	0.080	0.000	598.40	164.26
0.003600	6.	6.	6.	2	0	0	-15.50	232.07	396.33
CCHV= 0.100 CEHV= 0.300									
*SECNO 1031.000									
3470 ENCROACHMENT STATIONS=		140.0	435.0	TYPE=	1	TARGET=	295.000		
1031.00	5.33	603.73	0.00	0.00	603.90	0.16	0.00	0.01	602.60
254.	29.	211.	14.	72.	59.	39.	8.	7.	602.70
0.25	0.40	3.55	0.35	0.080	0.024	0.080	0.000	598.40	166.65
0.000849	2.	2.	2.	2	0	0	0.00	228.45	395.10
*SECNO 1080.000									
UPSTREAM OF WALK BRIDGE									
1080.00	5.37	603.87	0.00	0.00	603.93	0.06	0.02	0.01	602.00
254.	27.	184.	43.	98.	81.	110.	8.	7.	601.50
0.26	0.27	2.27	0.39	0.080	0.024	0.080	0.000	598.50	253.92
0.000237	49.	49.	49.	2	0	0	0.00	250.11	504.04
CCHV= 0.100 CEHV= 0.300									
*SECNO 1545.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 1545.00 EXTENDED 0.49 FEET									
3470 ENCROACHMENT STATIONS=		0.0	660.0	TYPE=	1	TARGET=	659.999		
DOWNSTREAM OF BARAGA RD.									
1545.00	4.49	603.99	0.00	0.00	604.23	0.25	0.25	0.06	604.50
254.	0.	250.	4.	0.	62.	14.	10.	9.	603.40
0.29	0.00	4.03	0.30	0.080	0.030	0.080	0.000	599.50	401.39
0.002178	465.	465.	465.	2	0	0	0.00	102.32	660.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1594.000
7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

1594.00	4.45	604.25	604.25	0.00	604.57	0.32	0.22	0.03	603.60
254.	16.	221.	17.	15.	46.	21.	10.	9.	603.80
0.30	1.04	4.81	0.81	0.080	0.030	0.080	0.000	599.80	453.39
0.013904	49.	49.	49.	0	6	0	0.00	196.40	649.79

CCHV= 0.300 CEHV= 0.500
*SECNO 1596.000

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.60 MAX ELLC= 602.80

1596.00	4.63	604.43	0.00	0.00	604.63	0.20	0.02	0.04	603.60
254.	29.	186.	39.	25.	45.	41.	10.	9.	603.80
0.30	1.15	4.12	0.96	0.070	0.027	0.070	0.000	599.80	440.33
0.009392	2.	2.	2.	3	0	0	-11.35	246.55	686.88

*SECNO 1627.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1627.00 EXTENDED 0.23 FEET

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.80 MAX ELLC= 602.80

3470 ENCROACHMENT STATIONS= 0.0 765.0 TYPE= 1 TARGET= 764.999

1627.00	4.93	604.73	0.00	0.00	604.80	0.07	0.13	0.04	603.60
254.	34.	160.	61.	51.	62.	37.	10.	9.	603.80
0.30	0.66	2.57	0.69	0.070	0.027	0.070	0.000	599.80	0.00
0.002391	31.	31.	31.	2	0	0	-11.35	372.12	745.75

CCHV= 0.100 CEHV= 0.300
*SECNO 1629.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 0.0 770.0 TYPE= 1 TARGET= 769.999

1629.00	4.96	604.74	0.00	0.00	604.80	0.06	0.00	0.00	603.60
254.	27.	178.	49.	52.	74.	90.	10.	9.	603.80
0.30	0.52	2.39	0.55	0.070	0.027	0.070	0.000	599.80	0.00
0.001468	2.	2.	2.	0	0	0	0.00	377.65	748.09

*SECNO 1678.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1678.00 EXTENDED 1.30 FEET

UPSTREAM OF BARAGA RD.

1678.00	5.30	604.80	0.00	0.00	604.83	0.03	0.02	0.00	604.50
254.	0.	143.	111.	2.	84.	344.	11.	10.	603.40
0.31	0.09	1.71	0.32	0.070	0.027	0.070	0.000	599.50	384.97
0.000228	49.	49.	49.	2	0	0	0.00	408.45	800.00

*SECNO 2458.000

DOWNSTREAM OF WILLIAM RD.

2458.00	5.21	605.01	0.00	0.00	605.18	0.17	0.31	0.04	604.00
254.	10.	222.	22.	27.	63.	41.	16.	15.	603.40
0.38	0.36	3.54	0.55	0.070	0.027	0.070	0.000	599.80	398.82
0.000871	780.	780.	780.	2	0	0	0.00	170.68	569.51

*SECNO 2507.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 235.0 800.0 TYPE= 1 TARGET= -235.000

2507.00	5.04	605.04	0.00	0.00	605.27	0.23	0.07	0.02	602.10
254.	138.	103.	14.	122.	17.	10.	16.	15.	602.10
0.39	1.13	5.95	1.35	0.070	0.027	0.070	0.000	600.00	235.00
0.002918	49.	49.	49.	0	0	0	0.00	190.09	503.82

CCHV= 0.300 CEHV= 0.500

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2509.000

3370 NORMAL BRIDGE,NRD= 15 MIN.ELTRD= 603.50 MAX.ELLC= 604.10

3470 ENCROACHMENT STATIONS=			233.0	800.0	TYPE=	1	TARGET=	-233.000	
2509.00	5.30	605.30	0.00	0.00	605.34	0.04	0.01	0.06	602.10
254.	216.	29.	9.	162.	12.	22.	16.	15.	602.10
0.39	1.34	2.53	0.40	0.070	0.027	0.070	0.000	600.00	233.00
0.003350	2.	2.	2.	3	0	0	-25.40	297.03	530.03

*SECNO 2552.000

3370 NORMAL BRIDGE,NRD= 15 MIN.ELTRD= 605.20 MAX.ELLC= 604.10

3470 ENCROACHMENT STATIONS=			190.0	800.0	TYPE=	1	TARGET=	-190.000	
2552.00	5.41	605.41	0.00	0.00	605.42	0.01	0.08	0.01	602.10
254.	226.	18.	11.	259.	12.	36.	16.	15.	602.10
0.40	0.87	1.48	0.30	0.070	0.027	0.070	0.000	600.00	190.00
0.001098	43.	43.	43.	2	0	0	-25.40	350.80	540.80

CCHV= 0.100 CEHV= 0.300

*SECNO 2554.000

3470 ENCROACHMENT STATIONS=			185.0	800.0	TYPE=	1	TARGET=	-185.000	
2554.00	5.40	605.40	0.00	0.00	605.43	0.03	0.00	0.01	602.10
254.	183.	55.	17.	273.	19.	46.	16.	15.	602.10
0.40	0.67	2.93	0.36	0.070	0.027	0.070	0.000	600.00	185.00
0.000634	2.	2.	2.	1	0	0	0.00	355.40	540.40

*SECNO 2603.000

UPSTREAM OF WILLIAM RD.

2603.00	5.58	605.38	0.00	0.00	605.48	0.10	0.03	0.02	604.00
254.	24.	197.	33.	67.	69.	68.	16.	16.	603.40
0.41	0.36	2.86	0.48	0.070	0.027	0.070	0.000	599.80	376.45
0.000505	49.	49.	49.	2	0	0	0.00	240.67	617.12

PRINTED IN U.S.A.

THIS RUN EXECUTED 13 SEP 84 15:17:17

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  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,C4,05,06
  MODIFICATION -  50,51,52,53,54,55,56
*************************************************

T1        CITY OF  TAYLOR FLOOD INSURANCE STUDY
T2        BRIGHTON DRAIN
T3        50-YEAR FREQUENCY FLOOD

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

       0.        3.        0.        0.  0.001300      0.00       0.0        0.   603.900     0.000

J2  NPROF     IPLOT     PREVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     2.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 20.000

DOWNSTREAM OF GODDARD RD.

20.00	5.59	601.79	0.00	603.90	602.07	0.28	0.00	0.00	602.40
315.	0.	315.	0.	0.	75.	0.	0.	0.	601.90
0.00	0.00	4.23	0.00	0.000	0.027	0.000	0.000	596.20	300.79
0.001299	0.	0.	0.	0	0	4	0.00	20.11	320.91

CCHV= 0.300 CEHV= 0.500

*SECNO 69.000

3470 ENCROACHMENT STATIONS= 350.0 495.0 TYPE= 1 TARGET= 145.000

69.00	9.12	602.12	0.00	0.00	602.16	0.04	0.01	0.07	602.00
315.	0.	302.	13.	5.	193.	55.	0.	0.	601.00
0.01	0.05	1.57	0.23	0.070	0.027	0.070	0.000	593.00	350.00
0.000120	49.	49.	49.	2	0	0	0.00	145.00	495.00

SPECIAL BRIDGE

SB XK	XKOR	COEQ	BDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.83	2.63	0.00	8.00	0.00	25.00	0.00	593.00	593.00

*SECNO 231.000

3280 CROSS SECTION 231.00 EXTENDED 0.09 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
606.63	602.15	0.00	169.	146.	25.	32.	597.00	602.60

231.00	10.09	603.09	0.00	0.00	603.09	0.01	0.93	0.00	602.00
315.	24.	177.	114.	164.	233.	572.	2.	2.	601.00
0.10	0.15	0.76	0.20	0.050	0.030	0.050	0.000	593.00	209.64
0.000027	162.	162.	162.	0	0	7	0.00	690.36	900.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOSR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 280.000
3280 CROSS SECTION 280.00 EXTENDED 0.01 FEET

UPSTREAM OF GODDARD RD.

280.00	6.31	603.01	0.00	0.00	603.13	0.11	0.00	0.03	602.40
315.	22.	284.	9.	84.	100.	31.	3.	2.	601.90
0.10	0.26	2.85	0.30	0.070	0.027	0.070	0.000	596.20	0.00
0.000424	49.	49.	49.	2	0	0	0.00	375.99	375.99

*SECNO 637.000

3470 ENCROACHMENT STATIONS= 0.0 450.0 TYPE= 1 TARGET= 449.999

DOWNSTREAM OF MORIONVIEW DR.

637.00	5.27	603.27	0.00	0.00	603.34	0.08	0.21	0.00	602.30
315.	12.	157.	145.	30.	51.	134.	5.	5.	601.70
0.15	0.41	3.06	0.79	0.070	0.027	0.070	0.000	598.00	229.03
0.000884	357.	357.	357.	2	0	0	0.00	220.97	450.00

CCHV= 0.300 CEHV= 0.500
*SECNO 686.000

686.00	5.45	603.35	0.00	0.00	603.37	0.03	0.02	0.01	601.50
315.	80.	155.	80.	216.	83.	201.	6.	5.	601.30
0.17	0.37	1.88	0.40	0.070	0.027	0.070	0.000	597.90	229.15
0.000187	49.	49.	49.	2	0	0	0.00	319.26	548.41

SPECIAL BRIDGE

SB XK	XKOR	CCFO	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	7.00	0.09	20.00	0.00	597.90	597.90

*SECNO 716.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.35	603.37	0.00	229.	88.	20.	19.	600.60	603.10

716.00	5.91	603.81	0.00	0.00	603.82	0.01	0.46	0.00	601.50
315.	109.	101.	105.	302.	92.	266.	6.	5.	601.30
0.18	0.36	1.10	0.39	0.050	0.030	0.050	0.000	597.90	204.42
0.000069	30.	30.	30.	0	0	7	0.00	361.57	585.99

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 765.000

3470 ENCROACHMENT STATIONS= 110.0 490.0 TYPE= 1 TARGET= 380.000

UPSTREAM OF MORTONVIEW DR.

765.00	5.80	603.80	0.00	0.00	603.83	0.03	0.01	0.01	602.30
315.	32.	120.	163.	109.	61.	303.	7.	6.	601.70
0.19	0.30	1.98	0.54	0.070	0.027	0.070	0.000	598.00	110.00
0.000296	49.	49.	49.	1	0	0	0.00	380.00	490.00

*SECNO 972.000

DOWNSTREAM OF WALK BRIDGE

972.00	5.34	603.84	0.00	0.00	603.91	0.08	0.07	0.02	602.00
315.	38.	214.	63.	94.	80.	108.	8.	7.	601.50
0.22	0.41	2.66	0.58	0.070	0.027	0.070	0.000	598.50	257.52
0.000414	207.	207.	207.	0	0	0	0.00	244.82	502.34

*SECNO 1021.000

1021.00	5.39	603.79	0.00	0.00	603.98	0.20	0.03	0.04	602.60
315.	48.	244.	23.	80.	60.	44.	9.	7.	602.70
0.23	0.61	4.04	0.52	0.070	0.027	0.070	0.000	598.40	158.85
0.001354	49.	49.	49.	2	0	0	0.00	240.26	399.12

CCHV= 0.300 CEHV= 0.500

*SECNO 1023.000

3370 NORMAL BRIDGE, NRD= 11 MIN ELTRD= 602.60 MAX ELLC= 601.70

3470 ENCROACHMENT STATIONS= 148.0 424.0 TYPE= 1 TARGET= 276.000

1023.00	5.43	603.83	0.00	0.00	604.00	0.17	0.00	0.01	602.60
315.	85.	189.	41.	86.	46.	48.	9.	7.	602.70
0.23	0.98	4.14	0.85	0.080	0.024	0.080	0.000	598.40	152.38
0.004393	2.	2.	2.	2	0	0	-15.50	264.27	416.65

*SECNO 1029.000

3370 NORMAL BRIDGE, NRD= 11 MIN ELTRD= 602.70 MAX ELLC= 601.70

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HI	QLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
3470 ENCROACHMENT STATIONS=			142.0	430.0	TYPE=	1	TARGET=	288.000		
1029.00	5.49	603.89	0.00	0.00	604.03	0.14	0.02	0.01	602.60	
315.	89.	181.	44.	95.	47.	54.	9.	7.	602.70	
0.23	0.94	3.87	0.82	0.080	0.024	0.080	0.000	598.40	143.87	
0.003712	6.	6.	6.	2	0	0	-15.50	286.13	430.00	
CCHV= 0.100 CEHV= 0.300										
*SECNO 1031.000										
3470 ENCROACHMENT STATIONS=			140.0	435.0	TYPE=	1	TARGET=	295.000		
1031.00	5.45	603.85	0.00	0.00	604.05	0.21	0.00	0.02	602.60	
315.	43.	251.	21.	89.	62.	49.	9.	7.	602.70	
0.23	0.49	4.07	0.43	0.080	0.024	0.080	0.000	598.40	150.15	
0.001062	2.	2.	2.	2	0	0	0.00	274.31	424.46	
*SECNO 1080.000										
UPSTREAM OF WALK BRIDGE										
1030.00	5.52	604.02	0.00	0.00	604.09	0.07	0.02	0.01	602.00	
315.	39.	220.	56.	121.	84.	124.	9.	8.	601.50	
0.23	0.32	2.61	0.46	0.080	0.024	0.080	0.000	598.50	235.24	
0.000298	49.	49.	49.	2	0	0	0.00	277.59	512.83	
CCHV= 0.100 CEHV= 0.300										
*SECNO 1545.000										
3265 DIVIDED FLOW										
3280 CROSS SECTION 1545.00 EXTENDED 0.67 FEET										
3470 ENCROACHMENT STATIONS=			0.0	660.0	TYPE=	1	TARGET=	659.999		
DOWNSTREAM OF BARAGA RD.										
1545.00	4.67	604.17	603.11	0.00	604.47	0.30	0.31	0.07	604.50	
315.	0.	301.	14.	0.	67.	36.	11.	10.	603.40	
0.26	0.00	4.50	0.40	0.000	0.030	0.080	0.000	599.50	400.89	
0.002529	465.	465.	465.	4	14	0	0.00	196.38	660.00	

PRINTED IN U.S.A.

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    SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HI        OLOSS     BANK ELEV
    Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

CCHV=   0.300 CEHV=   0.500
*SECNO 1594.000
  1594.00      4.60    604.40    604.39      0.00    604.69      0.30      0.23      0.00    603.60
     315.       24.       260.       31.       22.       54.       36.       11.       11.    603.80
     0.27      1.06      4.80      0.87     0.080     0.030     0.080     0.000    599.80    443.34
0.011133       49.       49.       49.         2         6         0      0.00    235.02    678.35

CCHV=   0.300 CEHV=   0.500
*SECNO 1596.000

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD=  603.60 MAX ELLC=  602.80

7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
  1596.00      4.64    604.44    604.44      0.00    604.74      0.30      0.03      0.00    603.60
     315.       36.       231.       49.       25.       45.       41.       11.       11.    603.80
     0.27      1.42      5.10      1.19     0.070     0.027     0.070     0.000    599.80    440.31
0.014416         2.        2.        2.         0        10         0    -11.35    246.65    686.96

*SECNO 1627.000

3265 DIVIDED FLOW

3280 CROSS SECTION    1627.00 EXTENDED       0.38 FEET

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD=  603.80 MAX ELLC=  602.80

3470 ENCROACHMENT STATIONS=        0.0       765.0  TYPE=       1  TARGET=       764.999
  1627.00      5.68    604.88      0.00      0.00    604.96      0.06      0.13      0.07    603.60
     315.       46.       183.       85.       73.       71.       118.       12.       11.    603.80
     0.27      0.63      2.58      0.72     0.070     0.027     0.070     0.000    599.80      0.00
0.002011       31.       31.       31.         0         0         0    -11.35    433.12    765.00

CCHV=   0.100 CEHV=   0.300
*SECNO 1629.000

3265 DIVIDED FLOW
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   SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        QLOSS    BANK ELEV
   Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN      SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID     ENDST

3470 ENCROACHMENT STATIONS=       0.0      770.0  TYPE=      1  TARGET=     769.999
  1629.00      5.08    604.88      0.00      0.00    604.95      0.06      0.00      0.00    603.60
      315.       39.       205.      71.       75.       83.      120.      12.       11.     603.80
     0.27      0.52      2.47      0.59     0.070     0.027     0.070     0.000    599.80      0.00
 0.001352        2.        2.        2.         1         0         0      0.00    440.13    770.00

*SECNO 1678.000
3280 CROSS SECTION    1678.00 EXTENDED       1.44 FEET

          UPSTREAM OF BARAGA RD.
  1678.00      5.44    604.94      0.00      0.00    604.97      0.03      0.02      0.00    604.50
      315.       1.       166.      149.       5.       88.      397.      12.       11.     603.40
     0.28      0.13      1.89      0.37     0.070     0.027     0.070     0.000    599.50    377.79
 0.000264       49.       49.       49.         2         0         0      0.00    422.21    800.00

*SECNO 2458.000
          DOWNSTREAM OF WILLIAM RD.
  2458.00      5.39    605.19      0.00      0.00    605.39      0.20      0.36      0.05    604.00
      315.       20.       261.      34.       46.       66.       52.       18.       17.     603.40
     0.35      0.44      3.97      0.65     0.070     0.027     0.070     0.000    599.80    387.88
 0.001030        780.      780.      780.         2         0         0      0.00    204.91    592.79

*SECNO 2507.000

3470 ENCROACHMENT STATIONS=     235.0      800.0  TYPE=      1  TARGET=    -235.000
  2507.00      5.28    605.28      0.00      0.00    605.47      0.18      0.08      0.00    602.10
      315.      138.       105.      22.       162.      18.       30.       18.       17.     602.10
     0.35      1.16      5.76      0.73     0.070     0.027     0.070     0.000    600.00    235.00
 0.002547       49.       49.       49.         2         0         0      0.00    292.59    527.59

CCHV=    0.300 CEHV=    0.500
*SECNO 2509.000

3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD=  603.50 MAX ELLC=  604.10

3470 ENCROACHMENT STATIONS=     233.0      800.0  TYPE=      1  TARGET=    -233.000
  2509.00      5.49    605.49      0.00      0.00    605.52      0.03      0.01      0.05    602.10
      315.      259.       30.       26.       195.      12.       47.       18.       17.     602.10
     0.35      1.33      2.42      0.56     0.070     0.027     0.070     0.000    600.00    233.00
 0.002812        2.        2.        2.         2         0         0    -25.40    316.28    549.28
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 2552.000										
3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD= 605.20 MAX ELLC= 604.10										
3470 ENCROACHMENT STATIONS=			190.0	800.0	TYPE=	1	TARGET=	-190.000		
2552.00	5.58	605.58	0.00	0.00	605.59	0.01	0.07	0.01	602.10	
315.	272.	19.	23.	295.	13.	60.	18.	18.	602.10	
0.37	0.92	1.52	0.39	0.070	0.027	0.070	0.000	600.00	190.00	
0.001076	43.	43.	43.	2	0	0	-25.40	367.98	557.98	
CCHV= 0.100 CEHV= 0.300										
*SECNO 2554.000										
3470 ENCROACHMENT STATIONS=			185.0	800.0	TYPE=	1	TARGET=	-185.000		
2554.00	5.57	605.57	0.00	0.00	605.60	0.03	0.00	0.01	602.10	
315.	227.	60.	28.	311.	19.	70.	18.	18.	602.10	
0.37	0.73	3.07	0.40	0.070	0.027	0.070	0.000	600.00	185.00	
0.000665	2.	2.	2.	1	0	0	0.00	372.58	557.58	
*SECNO 2603.000										
UPSTREAM OF WILLIAM RD.										
2603.00	5.74	605.54	0.00	0.00	605.66	0.12	0.03	0.03	604.00	
315.	39.	230.	47.	88.	72.	86.	19.	18.	603.40	
0.37	0.44	3.21	0.54	0.070	0.027	0.070	0.000	599.80	366.25	
0.000601	49.	49.	49.	2	0	0	0.00	272.57	638.82	

PRINTED IN U.S.A.

THIS RUN EXECUTED 13 SEP 84 15:17:27

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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
*****************************************************

T1        CITY OF TAYLOR FLOOD INSURANCE STUDY
T2        BRIGHTON DRAIN
T3        100-YEAR FREQUENCY FLOOD

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      0.        4.        0.        0.  0.001300      0.00       0.0        0.   604.700     0.000

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

    3.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 20.000

DOWNSTREAM OF GODDARD RD.

20.00	5.96	602.16	0.00	604.70	602.46	0.30	0.00	0.00	602.40
360.	0.	360.	0.	0.	82.	2.	0.	0.	601.90
0.00	0.00	4.38	0.20	0.000	0.027	0.070	0.000	596.20	300.31
0.001281	0.	0.	0.	0	0	5	0.00	33.61	333.92

CCHV= 0.300 CEHV= 0.500

*SECNO 69.000

3470 ENCROACHMENT STATIONS= 350.0 495.0 TYPE= 1 TARGET= 145.000

69.00	9.51	602.51	0.00	0.00	602.55	0.04	0.01	0.08	602.00
360.	3.	335.	21.	24.	209.	76.	0.	0.	601.00
0.01	0.14	1.60	0.28	0.070	0.027	0.070	0.000	593.00	350.00
0.000113	49.	49.	49.	2	0	0	0.00	145.00	495.00

SPECIAL BRIDGE

SB XK	XKOR	COEJ	BDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.83	2.63	0.00	8.00	0.00	25.00	0.00	593.00	593.00

*SECNO 231.000

3280 CROSS SECTION 231.00 EXTENDED 0.15 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.41	602.53	0.00	242.	119.	25.	32.	597.00	602.60

231.00	10.15	603.15	0.00	0.00	603.15	0.01	0.60	0.00	602.00
360.	29.	197.	134.	175.	235.	601.	3.	2.	601.00
0.09	0.17	0.84	0.22	0.050	0.030	0.050	0.000	593.00	207.72
0.000033	162.	162.	162.	0	0	7	0.00	692.28	900.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 280.000
3280 CROSS SECTION 280.00 EXTENDED 0.06 FEET

UPSTREAM OF GODDARD RD.

280.00	6.86	603.06	0.00	0.00	603.20	0.14	0.00	0.04	602.40
360.	28.	320.	11.	97.	101.	33.	3.	2.	601.90
0.09	0.29	3.18	0.34	0.070	0.027	0.070	0.000	596.20	0.00
0.000523	49.	49.	49.	2	0	0	0.00	378.16	378.16

*SECNO 637.000

3470 ENCROACHMENT STATIONS= 0.0 450.0 TYPE= 1 TARGET= 449.999

DOWNSTREAM OF MORTONVIEW DR.

637.00	5.37	603.37	0.00	0.00	603.45	0.08	0.25	0.01	602.30
360.	18.	173.	170.	38.	53.	198.	6.	5.	601.70
0.14	0.46	3.25	0.86	0.070	0.027	0.070	0.000	598.00	216.40
0.000956	357.	357.	357.	2	0	0	0.00	233.59	450.00

CCHV= 0.300 CEHV= 0.500
*SECNO 686.000

686.00	5.55	603.45	0.00	0.00	603.48	0.03	0.02	0.02	601.50
360.	95.	171.	94.	235.	85.	215.	6.	5.	601.30
0.16	0.41	2.02	0.44	0.070	0.027	0.070	0.000	597.90	223.54
0.000210	49.	49.	49.	2	0	0	0.00	325.54	549.08

SPECIAL BRIDGE

SB	XK	XKOR	CDFO	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	7.00	0.00	20.00	0.00	597.90	597.90

*SECNO 716.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.30	603.48	0.00	277.	83.	20.	19.	600.60	603.10

716.00	5.96	603.86	0.00	0.00	603.87	0.01	0.39	0.00	601.50
360.	126.	113.	121.	313.	93.	276.	6.	5.	601.30
0.17	0.40	1.22	0.44	0.050	0.030	0.050	0.000	597.90	201.39
0.000084	30.	30.	30.	0	0	3	0.00	394.19	595.59

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WIN       ELMIN      SSIA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID     ENDST

CCHV=   0.100 CEHV=   0.300
*SECNO 765.000

3470 ENCROACHMENT STATIONS=      110.0      490.0  TYPE=     1  TARGET=     380.000
          UPSTREAM OF MORTONVIEW DR.
    765.00      5.86    603.86      0.00      0.00    603.89      0.03      0.01      0.01    602.30
       360.       40.       134.      187.      119.      61.       313.      7.        6.      601.70
      0.18      0.33      2.17      0.60     0.070     0.027     0.070     0.000    598.00    110.00
 0.000350       49.       49.       49.         1         0         0      0.00    380.00    490.00

*SECNO 972.000
          DOWNSTREAM OF WALK BRIDGE
    972.00      5.40    603.90      0.00      0.00    603.99      0.09      0.09      0.02    602.00
       360.       47.       240.      73.       103.      82.       113.      9.        7.      601.50
      0.21      0.46      2.93      0.65     0.070     0.027     0.070     0.000    598.50    249.76
 0.000494       207.      207.      207.        0         0         0      0.00    256.23    505.99

*SECNO 1021.000
   1021.00      5.44    603.84      0.00      0.00    604.07      0.23      0.04      0.04    602.60
       360.       60.       272.      29.       88.       61.       49.       9.        8.      602.70
      0.21      0.68      4.42      0.59     0.070     0.027     0.070     0.000    598.40    150.97
 0.001585       49.       49.       49.         2         0         0      0.00    270.66    421.62

CCHV=   0.300 CEHV=   0.500
*SECNO 1023.000

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD=   602.60 MAX ELLC=   601.70

3470 ENCROACHMENT STATIONS=      148.0      424.0  TYPE=     1  TARGET=     276.000
   1023.00      5.54    603.94      0.00      0.00    604.10      0.16      0.00      0.02    602.60
       360.       106.      201.      53.       101.      48.       58.       9.        8.      602.70
      0.21      1.04      4.22      0.92     0.080     0.024     0.080     0.000    598.40    148.00
 0.004320         2.        2.        2.         3         0         0    -15.50    276.00    424.00

*SECNO 1029.000

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD=   602.70 MAX ELLC=   601.70
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 142.0 430.0 TYPE= 1 TARGET= 288.000

1029.00	5.60	604.00	0.00	0.00	604.13	0.13	0.02	0.01	602.60
360.	111.	192.	57.	112.	49.	65.	9.	8.	602.70
0.21	0.99	3.93	0.88	0.080	0.024	0.080	0.000	598.40	142.00
0.003627	6.	6.	6.	2	0	0	-15.50	288.00	430.00

CCHV= 0.100 CEHV= 0.300

*SECNO 1031.000

3470 ENCROACHMENT STATIONS= 140.0 435.0 TYPE= 1 TARGET= 295.000

1031.00	5.53	603.93	0.00	0.00	604.16	0.23	0.00	0.03	602.60
360.	55.	277.	28.	102.	63.	59.	9.	8.	602.70
0.21	0.54	4.38	0.48	0.080	0.024	0.080	0.000	598.40	140.00
0.001187	2.	2.	2.	2	0	0	0.00	295.00	435.00

*SECNO 1080.000

UPSTREAM OF WALK BRIDGE

1080.00	5.62	604.12	0.00	0.00	604.21	0.09	0.03	0.01	602.00
360.	49.	244.	66.	139.	86.	133.	10.	8.	601.50
0.22	0.35	2.83	0.50	0.080	0.024	0.080	0.000	598.50	222.50
0.000339	49.	49.	49.	2	0	0	0.00	296.32	518.82

CCHV= 0.100 CEHV= 0.300

*SECNO 1545.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1545.00 EXTENDED 0.80 FEET

3470 ENCROACHMENT STATIONS= 0.0 660.0 TYPE= 1 TARGET= 659.999

DOWNSTREAM OF BARAGA RD.

1545.00	4.80	604.30	603.29	0.00	604.61	0.31	0.34	0.07	604.50
360.	0.	330.	30.	0.	70.	62.	12.	11.	603.40
0.25	0.00	4.70	0.48	0.000	0.030	0.080	0.000	599.50	400.53
0.002618	465.	465.	465.	4	19	0	0.00	220.07	660.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1594.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1594.00 EXTENDED 0.15 FEET

1594.00	4.86	604.66	0.00	0.00	604.83	0.17	0.17	0.04	603.60
360.	35.	265.	60.	42.	69.	74.	12.	11.	603.80
0.25	0.83	3.83	0.82	0.080	0.030	0.080	0.000	599.30	0.00
0.005092	49.	49.	49.	4	0	0	0.00	336.39	730.59

CCHV= 0.300 CEHV= 0.500
*SECNO 1596.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1596.00 EXTENDED 0.17 FEET

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.60 MAX ELLC= 602.80

1596.00	4.88	604.68	0.00	0.00	604.85	0.17	0.01	0.00	603.60
360.	46.	234.	80.	44.	59.	77.	12.	11.	603.80
0.25	1.05	3.97	1.05	0.070	0.027	0.070	0.000	599.80	0.00
0.006159	2.	2.	2.	0	0	0	-11.35	344.43	734.00

*SECNO 1627.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1627.00 EXTENDED 0.41 FEET

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.80 MAX ELLC= 602.80

3470 ENCROACHMENT STATIONS= 0.0 765.0 TYPE= 1 TARGET= 764.999

1627.00	5.11	604.91	0.00	0.00	604.98	0.08	0.11	0.03	603.60
360.	54.	207.	99.	78.	73.	124.	13.	11.	603.80
0.26	0.69	2.85	0.80	0.070	0.027	0.070	0.000	599.80	0.00
0.002387	31.	31.	31.	2	0	0	-11.35	440.15	765.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 1629.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 0.0 770.0 TYPE= 1 TARGET= 769.999

1629.00	5.11	604.91	0.00	0.00	604.99	0.08	0.00	0.00	603.60
360.	45.	231.	83.	79.	84.	126.	13.	11.	603.80
0.26	0.57	2.74	0.66	0.070	0.027	0.070	0.000	599.80	0.00
0.001619	2.	2.	2.	0	0	0	0.00	447.33	770.00

*SECNO 1678.000
3280 CROSS SECTION 1678.00 EXTENDED 1.49 FEET

UPSTREAM OF BARAGA RD.

1678.00	5.49	604.99	0.00	0.00	605.02	0.04	0.03	0.00	604.50
360.	1.	186.	173.	6.	89.	413.	13.	12.	603.40
0.27	0.15	2.09	0.42	0.070	0.027	0.070	0.000	599.50	375.71
0.000318	49.	49.	49.	2	0	0	0.00	424.29	800.00

*SECNO 2458.000
DOWNSTREAM OF WILLIAM RD.

2458.00	5.48	605.28	0.00	0.00	605.51	0.23	0.43	0.06	604.00
360.	28.	289.	42.	55.	67.	59.	19.	18.	603.40
0.33	0.51	4.31	0.72	0.070	0.027	0.070	0.000	599.80	382.61
0.001181	780.	780.	780.	3	0	0	0.00	221.40	604.01

*SECNO 2507.000

3470 ENCROACHMENT STATIONS= 235.0 800.0 TYPE= 1 TARGET= -235.000

2507.00	5.45	605.45	0.00	0.00	605.60	0.15	0.08	0.01	602.10
360.	221.	103.	35.	191.	19.	52.	19.	18.	602.10
0.33	1.16	5.46	0.68	0.070	0.027	0.070	0.000	600.00	235.00
0.002178	49.	49.	49.	3	0	0	0.00	309.82	544.82

CCHV= 0.300 CEHV= 0.500
*SECNO 2509.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSIA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD= 603.50 MAX ELLC= 604.10

3470 ENCROACHMENT STATIONS=		233.0	800.0	TYPE=	1	TARGET=	-233.000		
2509.00	5.61	605.61	0.00	0.00	605.64	0.03	0.00	0.03	602.10
360.	289.	31.	40.	215.	13.	64.	19.	18.	602.10
0.34	1.35	2.40	0.63	0.070	0.027	0.070	0.000	600.00	233.00
0.002626	2.	2.	2.	2	0	0	-25.40	327.78	560.78

*SECNO 2552.000

3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD= 605.20 MAX ELLC= 604.10

3470 ENCROACHMENT STATIONS=		190.0	800.0	TYPE=	1	TARGET=	-190.000		
2552.00	5.69	605.69	0.00	0.00	605.71	0.01	0.07	0.01	602.10
360.	305.	20.	35.	321.	13.	79.	20.	18.	602.10
0.35	0.95	1.54	0.44	0.070	0.027	0.070	0.000	600.00	190.00
0.001044	43.	43.	43.	1	0	0	-25.40	380.11	570.11

CCHV= 0.100 CEHV= 0.300

*SECNO 2554.000

3470 ENCROACHMENT STATIONS=		185.0	800.0	TYPE=	1	TARGET=	-185.000		
2554.00	5.68	605.68	0.00	0.00	605.72	0.03	0.00	0.01	602.10
360.	259.	67.	38.	336.	20.	88.	20.	18.	602.10
0.35	0.77	3.16	0.43	0.070	0.027	0.070	0.000	600.00	185.00
0.000681	2.	2.	2.	1	0	0	0.00	384.03	569.03

*SECNO 2603.000

UPSTREAM OF WILLIAM RD.

2603.00	5.85	605.65	0.00	0.00	605.78	0.13	0.03	0.03	604.00
360.	51.	251.	58.	103.	73.	190.	20.	19.	603.40
0.35	0.49	3.42	0.58	0.070	0.027	0.070	0.000	599.80	359.42
0.000661	49.	49.	49.	2	0	0	0.00	293.92	653.35

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THIS RUN EXECUTED 13 SEP 84 15:17:38

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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
*****************************************************

I1        CITY OF TAYLOR FLOOD INSURANCE STUDY
I2        BRIGHTON DRAIN
I3        500-YEAR FREQUENCY FLOOD

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      0.        5.        0.        0.  0.001300      0.00       0.0        0.   606.000     0.000

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

    15.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XAL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

CCHV= 0.100 CEHV= 0.300
*SECNO 20.000
DOWNSTREAM OF GODDARD RD.

20.00	6.62	602.82	600.49	606.00	603.16	0.34	0.00	0.00	602.40
487.	17.	461.	9.	47.	96.	21.	0.	0.	601.90
0.00	0.35	4.81	0.45	0.070	0.027	0.070	0.000	596.20	136.01
0.001279	0.	0.	0.	0	14	0	0.00	230.42	366.42

CCHV= 0.300 CEHV= 0.500
*SECNO 69.000
3280 CROSS SECTION 69.00 EXTENDED 0.22 FEET

3470 ENCROACHMENT STATIONS= 350.0 495.0 TYPE= 1 TARGET= 145.000

69.00	10.22	603.22	0.00	0.00	603.26	0.04	0.01	0.09	602.00
487.	15.	429.	43.	60.	238.	114.	0.	0.	601.00
0.01	0.26	1.80	0.38	0.070	0.027	0.070	0.000	593.00	350.00
0.000120	49.	49.	49.	2	0	0	0.00	145.00	495.00

SPECIAL BRIDGE

SB XK	X6OR	CCE2	BDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.83	2.63	0.00	8.00	0.00	25.00	0.00	593.00	593.00

*SECNO 231.000
3280 CROSS SECTION 231.00 EXTENDED 0.32 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.00	603.26	0.00	443.	48.	25.	32.	597.00	602.60

231.00	10.31	603.31	0.00	0.00	603.32	0.01	0.06	0.00	602.00
487.	46.	248.	193.	209.	242.	679.	3.	2.	601.00
0.08	0.22	1.02	0.28	0.050	0.030	0.050	0.000	593.00	202.39
0.000047	162.	162.	162.	0	0	6	0.00	697.61	900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 280.000
3280 CROSS SECTION 280.00 EXTENDED 0.18 FEET

UPSTREAM OF GODDARD RD.

280.00	6.98	603.18	0.00	0.00	603.39	0.21	0.01	0.06	602.40
487.	54.	415.	18.	134.	103.	40.	4.	2.	601.90
0.08	0.40	4.02	0.45	0.070	0.027	0.070	0.000	596.20	0.00
0.000808	49.	49.	49.	2	0	0	0.00	384.12	384.12

*SECNO 637.000

3470 ENCROACHMENT STATIONS= 0.0 450.0 TYPE= 1 TARGET= 449.999

DOWNSTREAM OF MORTONVIEW DR.

637.00	5.64	603.64	0.00	0.00	603.73	0.10	0.33	0.01	602.30
487.	40.	210.	237.	80.	58.	234.	7.	5.	601.70
0.13	0.50	3.64	1.01	0.070	0.027	0.070	0.000	598.00	85.70
0.001067	357.	357.	357.	2	0	0	0.00	364.30	450.00

CCHV= 0.300 CEHV= 0.500
*SECNO 686.000

686.00	5.83	603.73	0.00	0.00	603.77	0.04	0.02	0.02	601.50
487.	140.	211.	135.	286.	90.	253.	7.	6.	601.30
0.14	0.49	2.35	0.54	0.070	0.027	0.070	0.000	597.90	208.78
0.000261	49.	49.	49.	2	0	0	0.00	363.40	572.18

SPECIAL BRIDGE

SB XK	XKOB	COEO	BDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	7.00	0.00	20.00	0.00	597.90	597.90

*SECNO 716.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
618.10	603.77	0.00	419.	69.	20.	19.	600.60	603.10

716.00	6.10	604.00	0.00	0.00	604.02	0.01	0.25	0.00	601.50
487.	176.	145.	166.	347.	95.	302.	8.	6.	601.30
0.15	0.51	1.53	0.55	0.050	0.030	0.050	0.000	597.90	97.72
0.000126	30.	30.	30.	1	0	8	0.00	518.20	615.92

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 765.000

3470 ENCROACHMENT STATIONS= 110.0 490.0 TYPE= 1 TARGET= 380.000

UPSTREAM OF MORTONVIEW DR.

765.00	5.99	603.99	0.00	0.00	604.04	0.04	0.01	0.01	602.30
487.	64.	171.	252.	146.	64.	337.	8.	7.	601.70
0.16	0.44	2.67	0.75	0.070	0.027	0.070	0.000	598.00	110.00
0.000503	49.	49.	49.	1	0	0	0.00	380.00	490.00

*SECNO 972.000

DOWNSTREAM OF WALK BRIDGE

972.00	5.56	604.06	0.00	0.00	604.19	0.13	0.12	0.03	602.00
487.	74.	309.	104.	128.	85.	127.	11.	8.	601.50
0.18	0.58	3.63	0.82	0.070	0.027	0.070	0.000	598.50	230.05
0.000718	207.	207.	207.	0	0	0	0.00	285.22	515.27

*SECNO 1021.000

1021.00	5.59	603.99	0.00	0.00	604.30	0.31	0.06	0.05	602.60
437.	96.	341.	50.	111.	64.	69.	11.	9.	602.70
0.18	0.86	5.30	0.73	0.070	0.027	0.070	0.000	598.40	129.82
0.002152	49.	49.	49.	2	0	0	0.00	365.81	495.63

CCHV= 0.300 CEHV= 0.500

*SECNO 1023.000

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 602.60 MAX ELLC= 601.70

3470 ENCROACHMENT STATIONS= 148.0 424.0 TYPE= 1 TARGET= 276.000

1023.00	5.81	604.21	0.00	0.00	604.35	0.15	0.01	0.05	602.60
437.	167.	227.	92.	142.	53.	86.	11.	9.	602.70
0.18	1.18	4.31	1.07	0.080	0.024	0.080	0.000	598.40	148.00
0.003944	2.	2.	2.	4	0	0	-15.50	276.00	424.00

*SECNO 1029.000

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 602.70 MAX ELLC= 601.70

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
3470 ENCROACHMENT STATIONS=			142.0	430.0	TYPE=	1	TARGET=	288.000		
1029.00	5.85	604.25	0.00	0.00	604.38	0.13	0.02	0.01	602.60	
487.	172.	219.	97.	153.	54.	94.	11.	9.	602.70	
0.19	1.12	4.07	1.03	0.080	0.024	0.080	0.000	598.40	142.00	
0.003421	6.	6.	6.	2	0	0	-15.50	288.00	430.00	
CCHV= 0.100 CEHV= 0.300										
*SECNO 1031.000										
3470 ENCROACHMENT STATIONS=			140.0	435.0	TYPE=	1	TARGET=	295.000		
1031.00	5.75	604.15	0.00	0.00	604.43	0.28	0.00	0.05	602.60	
487.	94.	341.	52.	137.	67.	84.	11.	9.	602.70	
0.19	0.69	5.05	0.62	0.080	0.024	0.080	0.000	598.40	140.00	
0.001450	2.	2.	2.	2	0	0	0.00	295.00	435.00	
*SECNO 1080.000										
UPSTREAM OF WALK BRIDGE										
1080.00	5.87	604.37	0.00	0.00	604.48	0.11	0.04	0.02	602.00	
487.	82.	309.	96.	188.	92.	160.	11.	9.	601.50	
0.19	0.44	3.37	0.60	0.080	0.024	0.080	0.000	598.50	164.83	
0.000444	49.	49.	49.	2	0	0	0.00	368.72	533.55	
CCHV= 0.100 CEHV= 0.300										
*SECNO 1545.000										
3265 DIVIDED FLOW										
3280 CROSS SECTION 1545.00 EXTENDED 1.15 FEET										
3470 ENCROACHMENT STATIONS=			0.0	660.0	TYPE=	1	TARGET=	659.999		
DOWNSTREAM OF BARAGA RD.										
1545.00	5.14	604.64	0.00	0.00	604.96	0.31	0.41	0.06	604.50	
487.	0.	396.	91.	1.	79.	132.	15.	12.	603.40	
0.22	0.16	4.98	0.69	0.080	0.030	0.080	0.000	599.50	392.69	
0.002562	465.	465.	465.	2	0	0	0.00	250.52	660.00	

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1594.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1594.00 EXTENDED 0.54 FEET

1594.00	5.24	605.04	0.00	0.00	605.14	0.10	0.13	0.06	603.60
437.	68.	298.	121.	103.	92.	155.	15.	13.	603.80
0.23	0.66	3.26	0.78	0.080	0.030	0.080	0.000	599.80	0.00
0.002541	49.	49.	49.	4	0	0	0.00	518.90	803.78

CCHV= 0.300 CEHV= 0.500
*SECNO 1596.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1596.00 EXTENDED 0.57 FEET

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.60 MAX ELLC= 602.80

1596.00	5.27	605.07	0.00	0.00	605.15	0.09	0.01	0.01	603.60
487.	84.	258.	146.	109.	82.	162.	15.	13.	603.80
0.23	0.77	3.14	0.90	0.070	0.027	0.070	0.000	599.80	0.00
0.002484	2.	2.	2.	2	0	0	-11.35	533.68	806.74

*SECNO 1627.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1627.00 EXTENDED 0.65 FEET

3370 NORMAL BRIDGE,NRD= 17 MIN ELTRD= 603.80 MAX ELLC= 602.80

3470 ENCROACHMENT STATIONS= 0.0 765.0 TYPE= 1 TARGET= 764.999

1627.00	5.36	605.16	0.00	0.00	605.23	0.07	0.07	0.01	603.60
487.	91.	247.	149.	130.	87.	174.	15.	13.	603.80
0.23	0.70	2.85	0.86	0.070	0.027	0.070	0.000	599.80	0.00
0.001835	31.	31.	31.	1	0	0	-11.35	525.26	765.00

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SECNO	DEPTH	CWSEL	CRITWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 1629.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 0.0 770.0 TYPE= 1 TARGET= 769.999

1629.00	5.36	605.16	0.00	0.00	605.23	0.07	0.00	0.00	603.60
487.	30.	276.	131.	133.	99.	178.	15.	13.	603.80
0.23	0.60	2.80	0.73	0.070	0.027	0.070	0.000	599.80	0.00
0.001376	2.	2.	2.	0	0	0	0.00	534.58	770.00

*SECNO 1678.000
3280 CROSS SECTION 1678.00 EXTENDED 1.73 FEET

UPSTREAM OF BARAGA RD.

1678.00	5.72	605.22	0.00	0.00	605.26	0.04	0.03	0.00	604.50
487.	3.	226.	258.	14.	95.	504.	16.	14.	603.40
0.24	0.22	2.37	0.51	0.070	0.027	0.070	0.000	599.50	357.02
0.000371	49.	49.	49.	1	0	0	0.00	442.98	800.00

*SECNO 2458.000
DOWNSTREAM OF WILLIAM RD.

2458.00	5.77	605.57	0.00	0.00	605.83	0.27	0.50	0.07	604.00
487.	63.	350.	74.	33.	72.	81.	24.	20.	603.40
0.30	0.68	4.86	0.82	0.070	0.027	0.070	0.000	599.80	364.10
0.001360	780.	780.	780.	2	0	0	0.00	279.30	643.40

*SECNO 2507.000

3470 ENCROACHMENT STATIONS= 235.0 800.0 TYPE= 1 TARGET= -235.000

2507.00	5.82	605.82	0.00	0.00	605.92	0.10	0.07	0.02	602.10
487.	303.	104.	80.	254.	20.	109.	24.	21.	602.10
0.31	1.19	5.09	0.73	0.070	0.027	0.070	0.000	600.00	235.00
0.001710	49.	49.	49.	3	0	0	0.00	347.02	582.02

CCHV= 0.300 CEHV= 0.500
*SECNO 2509.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD= 603.50 MAX ELLC= 604.10

3470 ENCROACHMENT STATIONS=		233.0	800.0	TYPE=	1	TARGET=	-233.000		
2509.00	5.92	605.92	0.00	0.00	605.95	0.03	0.00	0.02	602.10
487.	367.	32.	88.	268.	14.	116.	24.	21.	602.10
0.31	1.37	2.30	0.76	0.070	0.027	0.070	0.000	600.00	233.00
0.002134	2.	2.	2.	2	0	0	-25.40	358.92	591.92

*SECNO 2552.000

3370 NORMAL BRIDGE,NRD= 15 MIN ELTRD= 605.20 MAX ELLC= 604.10

3470 ENCROACHMENT STATIONS=		190.0	800.0	TYPE=	1	TARGET=	-190.000		
2552.00	6.00	606.00	0.00	0.00	606.01	0.02	0.06	0.00	602.10
487.	393.	23.	71.	386.	14.	132.	25.	21.	602.10
0.32	1.02	1.58	0.54	0.070	0.027	0.070	0.000	600.00	190.00
0.000980	43.	43.	43.	0	0	0	-25.40	510.27	700.27

CCHV= 0.100 CEHV= 0.300

*SECNO 2554.000

3470 ENCROACHMENT STATIONS=		185.0	800.0	TYPE=	1	TARGET=	-185.000		
2554.00	5.99	605.99	0.00	0.00	606.02	0.03	0.00	0.01	602.10
487.	346.	70.	71.	403.	21.	141.	25.	21.	602.10
0.32	0.86	3.30	0.51	0.070	0.027	0.070	0.000	600.00	185.00
0.000690	2.	2.	2.	1	0	0	0.00	414.25	599.25

*SECNO 2603.000

UPSTREAM OF WILLIAM RD.

2603.00	6.14	605.94	0.00	0.00	606.09	0.14	0.04	0.03	604.00
437.	90.	302.	95.	147.	78.	146.	25.	21.	603.40
0.33	0.61	3.85	0.65	0.070	0.027	0.070	0.000	599.80	341.06
0.000764	49.	49.	49.	2	0	0	0.00	351.36	692.42

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THIS RUN EXECUTED 13 SEP 84 15:17:59

****
HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR FREQUENCY FLOO

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
20.000	601.24	-1.46	601.49	18.90	0.00	254.00	0.00	0.00	0.00	300.00	321.00	0.00
20.000	601.79	-2.11	602.07	20.11	0.00	315.00	0.00	0.00	0.00	300.00	321.00	0.00
20.000	602.16	-2.54	602.46	33.61	0.00	359.67	0.33	0.00	0.00	300.00	321.00	0.00
20.000	602.82	-3.18	603.16	230.42	16.77	460.78	9.45	0.00	0.00	300.00	321.00	0.00
69.000	601.53	0.00	601.57	93.11	0.00	250.96	3.04	145.00	350.00	400.00	441.00	495.00
69.000	602.12	0.00	602.16	145.00	0.24	302.00	12.76	145.00	350.00	400.00	441.00	495.00
69.000	602.51	0.00	602.55	145.00	3.41	335.26	21.32	145.00	350.00	400.00	441.00	495.00
69.000	603.22	0.00	603.26	145.00	15.40	428.61	42.99	145.00	350.00	400.00	441.00	495.00
231.000	602.98	0.00	602.98	684.85	16.97	149.54	87.49	0.00	0.00	400.00	441.00	0.00
231.000	603.09	0.00	603.09	690.36	23.92	176.96	114.13	0.00	0.00	400.00	441.00	0.00
231.000	603.15	0.00	603.15	692.28	29.16	196.92	133.93	0.00	0.00	400.00	441.00	0.00
231.000	603.31	0.00	603.32	697.61	45.89	248.01	193.09	0.00	0.00	400.00	441.00	0.00
280.000	602.93	0.00	603.01	257.56	13.33	234.44	6.23	0.00	0.00	300.00	321.00	0.00
280.000	603.01	0.00	603.13	325.99	21.59	284.35	9.06	0.00	0.00	300.00	321.00	0.00
280.000	603.06	0.00	603.20	378.16	28.37	320.48	11.15	0.00	0.00	300.00	321.00	0.00
280.000	603.18	0.00	603.39	384.12	53.68	415.26	18.06	0.00	0.00	300.00	321.00	0.00
637.000	603.11	0.00	603.18	201.33	6.73	135.12	112.15	450.00	0.00	300.00	317.00	450.00
637.000	603.27	0.00	603.34	220.97	12.49	157.13	145.37	450.00	0.00	300.00	317.00	450.00
637.000	603.37	0.00	603.45	233.59	17.56	172.67	169.77	450.00	0.00	300.00	317.00	450.00
637.000	603.54	0.00	603.73	364.30	40.10	209.89	237.01	450.00	0.00	300.00	317.00	450.00
686.000	603.18	0.00	603.21	309.57	60.30	132.99	60.71	0.00	0.00	400.00	419.00	0.00
686.000	603.35	0.00	603.37	319.26	80.06	155.31	79.63	0.00	0.00	400.00	419.00	0.00
686.000	603.45	0.00	603.48	325.54	95.12	171.06	93.81	0.00	0.00	400.00	419.00	0.00
686.000	603.73	0.00	603.77	363.40	140.28	211.40	135.32	0.00	0.00	400.00	419.00	0.00
716.000	603.72	0.00	603.72	360.71	86.36	84.26	83.38	0.00	0.00	400.00	419.00	0.00
716.000	603.81	0.00	603.82	381.57	109.23	100.96	104.81	0.00	0.00	400.00	419.00	0.00
716.000	603.86	0.00	603.87	394.19	126.22	113.05	120.73	0.00	0.00	400.00	419.00	0.00
716.000	604.00	0.00	604.02	518.20	175.78	145.29	165.93	0.00	0.00	400.00	419.00	0.00

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	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
	765.000	603.71	0.00	603.73	380.00	22.40	100.63	130.98	380.00	110.00	300.00	317.00	490.00
	765.000	603.80	0.00	603.83	380.00	32.23	119.75	163.02	380.00	110.00	300.00	317.00	490.00
	765.000	603.86	0.00	603.89	380.00	39.88	133.59	186.52	380.00	110.00	300.00	317.00	490.00
	765.000	603.99	0.00	604.04	380.00	63.98	170.54	252.48	380.00	110.00	300.00	317.00	490.00
	972.000	603.74	0.00	603.80	228.41	27.53	177.48	48.99	0.00	0.00	400.00	421.00	0.00
	972.000	603.84	0.00	603.91	244.82	38.44	213.61	62.95	0.00	0.00	400.00	421.00	0.00
	972.000	603.90	0.00	603.99	256.23	47.00	239.53	73.46	0.00	0.00	400.00	421.00	0.00
	972.000	604.06	0.00	604.19	285.22	74.24	308.64	104.12	0.00	0.00	400.00	421.00	0.00
	1021.000	603.70	0.00	603.85	220.82	33.74	204.41	15.85	0.00	0.00	300.00	319.00	0.00
	1021.000	603.79	0.00	603.98	240.26	48.35	243.96	22.69	0.00	0.00	300.00	319.00	0.00
	1021.000	603.84	0.00	604.07	270.66	59.65	271.65	28.70	0.00	0.00	300.00	319.00	0.00
	1021.000	603.99	0.00	604.30	365.81	95.69	341.00	50.31	0.00	0.00	300.00	319.00	0.00
	1023.000	603.70	0.00	603.86	221.05	58.96	167.35	27.69	276.00	148.00	300.00	319.00	424.00
	1023.000	603.83	0.00	604.00	264.27	84.90	189.47	40.63	276.00	148.00	300.00	319.00	424.00
	1023.000	603.94	0.00	604.10	276.00	105.69	201.11	53.19	276.00	148.00	300.00	319.00	424.00
	1023.000	604.21	0.00	604.35	276.00	167.46	227.35	92.19	276.00	148.00	300.00	319.00	424.00
	1029.000	603.75	0.00	603.89	232.07	62.77	161.77	29.45	288.00	142.00	300.00	319.00	430.00
	1029.000	603.89	0.00	604.03	286.13	89.34	181.42	44.24	288.00	142.00	300.00	319.00	430.00
	1029.000	604.00	0.00	604.13	288.00	110.54	192.08	57.39	288.00	142.00	300.00	319.00	430.00
	1029.000	604.25	0.00	604.38	288.00	171.64	218.81	96.55	288.00	142.00	300.00	319.00	430.00
	1031.000	603.73	0.00	603.90	228.45	29.20	211.10	13.70	295.00	140.00	300.00	319.00	435.00
	1031.000	603.85	0.00	604.05	274.31	43.28	250.83	20.89	295.00	140.00	300.00	319.00	435.00
	1031.000	603.93	0.00	604.16	295.00	55.19	276.86	27.94	295.00	140.00	300.00	319.00	435.00
	1031.000	604.15	0.00	604.43	295.00	94.35	340.57	52.08	295.00	140.00	300.00	319.00	435.00
	1080.000	603.87	0.00	603.93	250.11	26.84	184.15	43.01	0.00	0.00	400.00	421.00	0.00
	1080.000	604.02	0.00	604.09	277.59	39.04	219.70	56.26	0.00	0.00	400.00	421.00	0.00
	1080.000	604.12	0.00	604.21	296.32	49.17	244.44	66.40	0.00	0.00	400.00	421.00	0.00
	1080.000	604.37	0.00	604.48	368.72	82.14	308.89	95.97	0.00	0.00	400.00	421.00	0.00
	1545.000	603.99	0.00	604.23	102.32	0.00	249.88	4.12	660.00	0.00	400.00	427.00	660.00
	1545.000	604.17	0.00	604.47	136.38	0.00	300.52	14.47	660.00	0.00	400.00	427.00	660.00
	1545.000	604.30	0.00	604.61	220.07	0.00	330.34	29.66	660.00	0.00	400.00	427.00	660.00
	1545.000	604.66	0.00	604.96	250.52	0.09	395.52	91.39	660.00	0.00	400.00	427.00	660.00
*	1594.000	604.25	0.00	604.57	196.40	15.78	221.33	16.89	0.00	0.00	500.00	558.00	0.00
	1594.000	604.40	0.00	604.69	235.02	23.78	260.10	31.12	0.00	0.00	500.00	558.00	0.00
	1594.000	604.66	0.00	604.83	336.39	34.77	264.80	60.42	0.00	0.00	500.00	558.00	0.00
	1594.000	605.04	0.00	605.14	518.90	68.12	298.10	120.78	0.00	0.00	500.00	558.00	0.00
	1596.000	604.43	0.00	604.63	246.55	28.64	186.15	39.21	0.00	0.00	500.00	558.00	0.00
*	1596.000	604.44	0.00	604.74	246.65	35.53	230.81	48.66	0.00	0.00	500.00	558.00	0.00
	1596.000	604.68	0.00	604.85	344.43	45.82	233.71	80.47	0.00	0.00	500.00	558.00	0.00
	1596.000	605.07	0.00	605.15	533.68	83.71	257.51	145.78	0.00	0.00	500.00	558.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1627.000	604.73	0.00	604.80	372.12	33.53	159.95	60.52	765.00	0.00	500.00	558.00	765.00
1627.000	604.88	0.00	604.94	433.12	46.20	183.37	85.43	765.00	0.00	500.00	558.00	765.00
1627.000	604.91	0.00	604.98	440.15	53.76	206.84	99.39	765.00	0.00	500.00	558.00	765.00
1627.000	605.16	0.00	605.23	525.26	91.11	246.80	149.09	765.00	0.00	500.00	558.00	765.00
1629.000	604.74	0.00	604.80	377.65	27.12	177.75	49.14	770.00	0.00	500.00	558.00	770.00
1629.000	604.88	0.00	604.95	440.13	38.61	205.08	71.31	770.00	0.00	500.00	558.00	770.00
1629.000	604.91	0.00	604.99	447.33	45.19	231.36	83.45	770.00	0.00	500.00	558.00	770.00
1629.000	605.16	0.00	605.23	534.59	80.03	276.45	130.52	770.00	0.00	500.00	558.00	770.00
1678.000	604.80	0.00	604.83	408.45	0.20	142.85	110.95	0.00	0.00	400.00	427.00	0.00
1678.000	604.94	0.00	604.97	422.21	0.62	165.59	148.78	0.00	0.00	400.00	427.00	0.00
1678.000	604.99	0.00	605.02	424.29	0.87	185.65	173.48	0.00	0.00	400.00	427.00	0.00
1678.000	605.22	0.00	605.26	442.98	3.06	226.17	257.77	0.00	0.00	400.00	427.00	0.00
2458.000	605.01	0.00	605.18	170.68	9.70	221.86	22.44	0.00	0.00	500.00	517.00	0.00
2458.000	605.19	0.00	605.39	204.91	20.27	260.67	34.06	0.00	0.00	500.00	517.00	0.00
2458.000	605.28	0.00	605.51	221.40	28.21	289.43	42.36	0.00	0.00	500.00	517.00	0.00
2458.000	605.57	0.00	605.83	279.30	62.64	350.38	73.97	0.00	0.00	500.00	517.00	0.00
2507.000	605.04	0.00	605.27	190.09	137.77	102.60	13.63	-235.00	235.00	405.00	409.00	800.00
2507.000	605.28	0.00	605.47	292.59	188.24	104.82	21.94	-235.00	235.00	405.00	409.00	800.00
2507.000	605.45	0.00	605.60	309.82	221.50	103.12	35.38	-235.00	235.00	405.00	409.00	800.00
2507.000	605.82	0.00	605.92	347.02	303.28	103.69	80.03	-235.00	235.00	405.00	409.00	800.00
2509.000	605.30	0.00	605.34	297.03	216.08	29.09	8.83	-233.00	233.00	405.00	409.00	800.01
2509.000	605.49	0.00	605.52	316.28	259.99	29.69	26.32	-233.00	233.00	405.00	409.00	800.01
2509.000	605.61	0.00	605.64	327.78	289.17	30.51	40.32	-233.00	233.00	405.00	409.00	800.01
2509.000	605.92	0.00	605.95	358.92	367.15	32.13	87.72	-233.00	233.00	405.00	409.00	800.01
2552.000	605.41	0.00	605.42	350.80	225.61	17.71	10.69	-190.00	190.00	405.00	409.00	800.01
2552.000	605.58	0.00	605.59	367.98	272.46	19.24	23.30	-190.00	190.00	405.00	409.00	800.01
2552.000	605.69	0.00	605.71	380.11	305.25	20.18	34.56	-190.00	190.00	405.00	409.00	800.01
2552.000	606.00	0.00	606.01	510.27	393.15	22.64	71.21	-190.00	190.00	405.00	409.00	800.01
2554.000	605.40	0.00	605.43	355.40	182.59	54.75	16.66	-185.00	185.00	405.00	409.00	800.01
2554.000	605.57	0.00	605.60	372.58	222.39	59.56	28.05	-185.00	185.00	405.00	409.00	800.01
2554.000	605.68	0.00	605.72	384.03	259.48	62.70	37.82	-185.00	185.00	405.00	409.00	800.01
2554.000	605.99	0.00	606.02	414.25	346.23	69.61	71.16	-185.00	185.00	405.00	409.00	800.01
2603.000	605.33	0.00	605.48	240.67	24.16	197.09	32.74	0.00	0.00	500.00	517.00	0.00
2603.000	605.54	0.00	605.66	272.57	38.71	229.72	46.58	0.00	0.00	500.00	517.00	0.00
2603.000	605.65	0.00	605.78	293.92	50.72	251.43	57.85	0.00	0.00	500.00	517.00	0.00
2603.000	605.94	0.00	606.09	351.36	90.21	301.71	95.08	0.00	0.00	500.00	517.00	0.00

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10-YEAR FREQUENCY FLOO

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
20.000	0.00	0.00	0.00	596.20	254.00	601.24	0.00	601.49	12.92	3.98	63.77	70.67
20.000	0.00	0.00	0.00	596.20	315.00	601.79	0.00	602.07	12.99	4.23	74.52	87.39
20.000	0.00	0.00	0.00	596.20	360.00	602.16	0.00	602.46	12.81	4.38	83.72	100.58
20.000	0.00	0.00	0.00	596.20	487.00	602.82	600.49	603.16	12.79	4.81	163.95	136.15
69.000	49.00	0.00	0.00	593.00	254.00	601.53	0.00	601.57	1.21	1.48	192.12	230.56
69.000	49.00	0.00	0.00	593.00	315.00	602.12	0.00	602.16	1.20	1.57	252.37	287.19
69.000	49.00	0.00	0.00	593.00	360.00	602.51	0.00	602.55	1.13	1.60	309.37	337.99
69.000	49.00	0.00	0.00	593.00	487.00	603.22	0.00	603.26	1.20	1.80	411.43	443.71
231.000	162.00	602.60	597.00	593.00	254.00	602.98	0.00	602.98	0.21	0.66	894.96	557.44
231.000	162.00	602.60	597.00	593.00	315.00	603.09	0.00	603.09	0.27	0.76	968.41	602.99
231.000	162.00	602.60	597.00	593.00	360.00	603.15	0.00	603.15	0.33	0.84	1010.99	630.53
231.000	162.00	602.60	597.00	593.00	487.00	603.31	0.00	603.32	0.47	1.02	1129.42	711.11
280.000	49.00	0.00	0.00	596.20	254.00	602.93	0.00	603.01	3.06	2.39	190.51	145.17
280.000	49.00	0.00	0.00	596.20	315.00	603.01	0.00	603.13	4.24	2.85	214.63	152.95
280.000	49.00	0.00	0.00	596.20	360.00	603.06	0.00	603.20	5.23	3.18	231.16	157.48
280.000	49.00	0.00	0.00	596.20	487.00	603.18	0.00	603.39	8.08	4.02	277.24	171.37
637.000	357.00	0.00	0.00	598.00	254.00	603.11	0.00	603.18	7.81	2.78	232.68	90.90
637.000	357.00	0.00	0.00	598.00	315.00	603.27	0.00	603.34	8.84	3.06	265.87	105.98
637.000	357.00	0.00	0.00	598.00	360.00	603.37	0.00	603.45	9.56	3.25	288.82	116.43
637.000	357.00	0.00	0.00	598.00	487.00	603.64	0.00	603.73	10.67	3.64	371.64	149.09
686.000	49.00	0.00	0.00	597.90	254.00	603.18	0.00	603.21	1.56	1.67	447.58	203.15
686.000	49.00	0.00	0.00	597.90	315.00	603.35	0.00	603.37	1.87	1.88	499.30	230.06
686.000	49.00	0.00	0.00	597.90	360.00	603.45	0.00	603.48	2.10	2.02	533.71	248.56
686.000	49.00	0.00	0.00	597.90	487.00	603.73	0.00	603.77	2.61	2.35	628.69	301.23
716.000	30.00	603.10	600.60	597.90	254.00	603.72	0.00	603.72	0.52	0.94	624.26	353.21
716.000	30.00	603.10	600.60	597.90	315.00	603.81	0.00	603.82	0.69	1.10	659.55	377.95
716.000	30.00	603.10	600.60	597.90	360.00	603.86	0.00	603.87	0.84	1.22	681.88	393.46
716.000	30.00	603.10	600.60	597.90	487.00	604.00	0.00	604.02	1.26	1.53	744.00	433.88
765.000	49.00	0.00	0.00	598.00	254.00	603.71	0.00	603.73	2.29	1.71	436.74	167.98
765.000	49.00	0.00	0.00	598.00	315.00	603.80	0.00	603.83	2.96	1.98	472.14	182.96
765.000	49.00	0.00	0.00	598.00	360.00	603.86	0.00	603.89	3.50	2.17	493.42	192.37
765.000	49.00	0.00	0.00	598.00	487.00	603.99	0.00	604.04	5.03	2.67	546.63	217.17
972.000	207.00	0.00	0.00	598.50	254.00	603.74	0.00	603.80	3.13	2.27	258.43	143.66
972.000	207.00	0.00	0.00	598.50	315.00	603.84	0.00	603.91	4.14	2.66	282.23	154.75
972.000	207.00	0.00	0.00	598.50	360.00	603.90	0.00	603.99	4.94	2.93	297.78	162.00
972.000	207.00	0.00	0.00	598.50	487.00	604.06	0.00	604.19	7.18	3.63	340.47	181.72

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1021.000	49.00	0.00	0.00	598.40	254.00	603.70	0.00	603.85	10.46	3.48	163.03	78.54
1021.000	49.00	0.00	0.00	598.40	315.00	603.79	0.00	603.98	13.54	4.04	183.74	85.60
1021.000	49.00	0.00	0.00	598.40	360.00	603.84	0.00	604.07	15.85	4.42	197.73	90.42
1021.000	49.00	0.00	0.00	598.40	487.00	603.99	0.00	604.30	21.52	5.30	244.84	104.98
1023.000	2.00	602.60	601.70	598.40	254.00	603.70	0.00	603.86	41.47	3.87	147.77	39.44
1023.000	2.00	602.60	601.70	598.40	315.00	603.83	0.00	604.00	43.93	4.14	179.57	47.53
1023.000	2.00	602.60	601.70	598.40	360.00	603.94	0.00	604.10	43.20	4.22	207.14	54.77
1023.000	2.00	602.60	601.70	598.40	487.00	604.21	0.00	604.35	39.44	4.31	280.69	77.55
1029.000	6.00	602.70	601.70	598.40	254.00	603.75	0.00	603.89	36.00	3.66	159.30	42.34
1029.000	6.00	602.70	601.70	598.40	315.00	603.89	0.00	604.03	37.12	3.87	196.19	51.70
1029.000	6.00	602.70	601.70	598.40	360.00	604.00	0.00	604.13	36.27	3.93	226.10	59.78
1029.000	6.00	602.70	601.70	598.40	487.00	604.25	0.00	604.38	34.21	4.07	300.57	83.27
1031.000	2.00	0.00	0.00	598.40	254.00	603.73	0.00	603.90	8.49	3.55	170.94	87.19
1031.000	2.00	0.00	0.00	598.40	315.00	603.85	0.00	604.05	10.62	4.07	199.28	96.67
1031.000	2.00	0.00	0.00	598.40	360.00	603.93	0.00	604.16	11.87	4.38	223.67	104.47
1031.000	2.00	0.00	0.00	598.40	487.00	604.15	0.00	604.43	14.50	5.05	288.79	127.88
1080.000	49.00	0.00	0.00	598.50	254.00	603.87	0.00	603.93	2.37	2.27	289.35	164.88
1080.000	49.00	0.00	0.00	598.50	315.00	604.02	0.00	604.09	2.98	2.61	328.79	182.60
1080.000	49.00	0.00	0.00	598.50	360.00	604.12	0.00	604.21	3.39	2.83	358.04	195.58
1080.000	49.00	0.00	0.00	598.50	487.00	604.37	0.00	604.48	4.44	3.37	438.91	231.05
1545.000	465.00	0.00	0.00	599.50	254.00	603.99	0.00	604.23	21.78	4.03	75.92	54.43
1545.000	465.00	0.00	0.00	599.50	315.00	604.17	603.11	604.47	25.29	4.50	102.95	62.64
1545.000	465.00	0.00	0.00	599.50	360.00	604.30	603.29	604.61	26.18	4.70	131.92	70.36
1545.000	465.00	0.00	0.00	599.50	487.00	604.64	0.00	604.96	25.62	4.98	211.60	96.22
* 1594.000	49.00	0.00	0.00	599.80	254.00	604.25	604.25	604.57	139.04	4.81	81.94	21.54
1594.000	49.00	0.00	0.00	599.80	315.00	604.40	604.39	604.69	111.33	4.80	112.31	29.85
1594.000	49.00	0.00	0.00	599.80	360.00	604.66	0.00	604.83	50.92	3.83	184.89	50.45
1594.000	49.00	0.00	0.00	599.80	487.00	605.04	0.00	605.14	25.41	3.26	349.28	96.61
1596.000	2.00	603.60	602.80	599.80	254.00	604.43	0.00	604.63	93.92	4.12	111.08	26.21
* 1596.000	2.00	603.60	602.80	599.80	315.00	604.64	604.64	604.74	144.16	5.10	111.18	26.24
1596.000	2.00	603.60	602.80	599.80	360.00	604.68	0.00	604.85	61.59	3.97	179.34	45.87
1596.000	2.00	603.60	602.80	599.80	487.00	605.07	0.00	605.15	24.84	3.14	353.49	97.71
1627.000	31.00	603.80	602.80	599.80	254.00	604.73	0.00	604.80	23.91	2.57	200.39	51.95
1627.000	31.00	603.80	602.80	599.80	315.00	604.88	0.00	604.94	20.11	2.58	262.87	70.24
1627.000	31.00	603.80	602.80	599.80	360.00	604.91	0.00	604.98	23.87	2.85	274.18	73.69
1627.000	31.00	603.80	602.80	599.80	487.00	605.16	0.00	605.23	18.85	2.85	390.21	112.17
1629.000	2.00	0.00	0.00	599.80	254.00	604.74	0.00	604.80	14.68	2.39	216.13	66.30
1629.000	2.00	0.00	0.00	599.80	315.00	604.88	0.00	604.95	13.52	2.47	277.70	85.66
1629.000	2.00	0.00	0.00	599.80	360.00	604.91	0.00	604.99	16.19	2.74	289.46	89.48
1629.000	2.00	0.00	0.00	599.80	487.00	605.16	0.00	605.23	13.76	2.80	403.87	131.27

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SECNO	XLCH	FLIRD	FLLC	FLMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1678.000	49.00	0.00	0.00	599.50	254.00	604.80	0.00	604.83	2.28	1.71	429.72	168.11
1678.000	49.00	0.00	0.00	599.50	315.00	604.94	0.00	604.97	2.64	1.89	489.54	193.95
1678.000	49.00	0.00	0.00	599.50	360.00	604.99	0.00	605.02	3.18	2.09	507.13	201.95
1678.000	49.00	0.00	0.00	599.50	487.00	605.22	0.00	605.26	3.71	2.37	612.57	252.71
2458.000	780.00	0.00	0.00	599.80	254.00	605.01	0.00	605.18	8.71	3.54	130.58	86.08
2458.000	780.00	0.00	0.00	599.80	315.00	605.19	0.00	605.39	10.30	3.97	163.46	98.16
2458.000	780.00	0.00	0.00	599.80	360.00	605.28	0.00	605.51	11.81	4.31	181.44	104.74
2458.000	780.00	0.00	0.00	599.80	487.00	605.57	0.00	605.83	13.60	4.86	255.58	132.03
2507.000	49.00	0.00	0.00	600.00	254.00	605.04	0.00	605.27	29.18	5.95	149.26	47.02
2507.000	49.00	0.00	0.00	600.00	315.00	605.28	0.00	605.47	25.47	5.76	210.14	62.42
2507.000	49.00	0.00	0.00	600.00	360.00	605.45	0.00	605.60	21.78	5.46	262.02	77.14
2507.000	49.00	0.00	0.00	600.00	487.00	605.82	0.00	605.92	17.10	5.09	384.19	117.76
2509.000	2.00	603.50	604.10	600.00	254.00	605.30	0.00	605.34	33.50	2.53	195.16	43.89
2509.000	2.00	603.50	604.10	600.00	315.00	605.49	0.00	605.52	28.12	2.42	254.21	59.40
2509.000	2.00	603.50	604.10	600.00	360.00	605.61	0.00	605.64	26.26	2.40	291.23	70.25
2509.000	2.00	603.50	604.10	600.00	487.00	605.92	0.00	605.95	21.34	2.30	398.16	105.42
2552.000	43.00	605.20	604.10	600.00	254.00	605.41	0.00	605.42	10.98	1.48	305.79	76.65
2552.000	43.00	605.20	604.10	600.00	315.00	605.58	0.00	605.59	10.76	1.52	367.54	96.03
2552.000	43.00	605.20	604.10	600.00	360.00	605.69	0.00	605.71	10.44	1.54	412.92	111.43
2552.000	43.00	605.20	604.10	600.00	487.00	606.00	0.00	606.01	9.80	1.58	531.69	155.53
2554.000	2.00	0.00	0.00	600.00	254.00	605.40	0.00	605.43	6.34	2.93	337.76	100.92
2554.000	2.00	0.00	0.00	600.00	315.00	605.57	0.00	605.60	6.65	3.07	400.28	122.17
2554.000	2.00	0.00	0.00	600.00	360.00	605.68	0.00	605.72	6.81	3.16	443.60	137.91
2554.000	2.00	0.00	0.00	600.00	487.00	605.99	0.00	606.02	6.90	3.30	564.24	185.41
2603.000	49.00	0.00	0.00	599.80	254.00	605.38	0.00	605.48	5.05	2.86	204.21	113.07
2603.000	49.00	0.00	0.00	599.80	315.00	605.54	0.00	605.66	6.01	3.21	246.08	128.51
2603.000	49.00	0.00	0.00	599.80	360.00	605.65	0.00	605.78	6.61	3.42	277.02	140.04
2603.000	49.00	0.00	0.00	599.80	487.00	605.94	0.00	606.09	7.64	3.85	371.81	176.16

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10-YEAR FREQUENCY FLOO

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
20.000	254.00	601.24	0.00	0.00	-1.46	18.90	0.00
20.000	315.00	601.79	0.55	0.00	-2.11	20.11	0.00
20.000	360.00	602.16	0.37	0.00	-2.54	33.61	0.00
20.000	487.00	602.82	0.66	0.00	-3.18	230.42	0.00
69.000	254.00	601.53	0.00	0.29	0.00	93.11	49.00
69.000	315.00	602.12	0.59	0.33	0.00	145.00	49.00
69.000	360.00	602.51	0.39	0.35	0.00	145.00	49.00
69.000	487.00	603.22	0.70	0.40	0.00	145.00	49.00
231.000	254.00	602.98	0.00	1.45	0.00	684.85	162.00
231.000	315.00	603.09	0.11	0.97	0.00	690.36	162.00
231.000	360.00	603.15	0.06	0.63	0.00	692.28	162.00
231.000	487.00	603.31	0.17	0.10	0.00	697.61	162.00
280.000	254.00	602.93	0.00	-0.05	0.00	257.56	49.00
280.000	315.00	603.01	0.08	-0.07	0.00	375.99	49.00
280.000	360.00	603.06	0.04	-0.09	0.00	378.16	49.00
280.000	487.00	603.18	0.12	-0.14	0.00	334.12	49.00
637.000	254.00	603.11	0.00	0.18	0.00	201.33	357.00
637.000	315.00	603.27	0.15	0.25	0.00	220.97	357.00
637.000	360.00	603.37	0.10	0.31	0.00	233.59	357.00
637.000	487.00	603.64	0.27	0.46	0.00	364.30	357.00
686.000	254.00	603.18	0.00	0.07	0.00	309.57	49.00
686.000	315.00	603.35	0.16	0.08	0.00	319.26	49.00
686.000	360.00	603.45	0.11	0.09	0.00	325.54	49.00
686.000	487.00	603.73	0.28	0.10	0.00	363.40	49.00
716.000	254.00	603.72	0.00	0.53	0.00	360.71	30.00
716.000	315.00	603.81	0.09	0.46	0.00	381.57	30.00
716.000	360.00	603.86	0.06	0.41	0.00	394.19	30.00
716.000	487.00	604.00	0.14	0.27	0.00	518.20	30.00
765.000	254.00	603.71	0.00	-0.01	0.00	380.00	49.00
765.000	315.00	603.80	0.09	-0.01	0.00	380.00	49.00
765.000	360.00	603.86	0.06	-0.01	0.00	380.00	49.00
765.000	487.00	603.99	0.14	-0.01	0.00	380.00	49.00
972.000	254.00	603.74	0.00	0.03	0.00	228.41	207.00
972.000	315.00	603.84	0.10	0.04	0.00	244.82	207.00
972.000	360.00	603.90	0.06	0.04	0.00	256.23	207.00
972.000	487.00	604.06	0.16	0.06	0.00	285.22	207.00

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	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	1021.000	254.00	603.70	0.00	-0.04	0.00	220.82	49.00
	1021.000	315.00	603.79	0.09	-0.05	0.00	240.26	49.00
	1021.000	360.00	603.84	0.05	-0.06	0.00	270.66	49.00
	1021.000	487.00	603.99	0.15	-0.07	0.00	365.81	49.00
	1023.000	254.00	603.70	0.00	0.00	0.00	221.05	2.00
	1023.000	315.00	603.83	0.13	0.05	0.00	264.27	2.00
	1023.000	360.00	603.94	0.10	0.09	0.00	276.00	2.00
	1023.000	487.00	604.21	0.27	0.22	0.00	276.00	2.00
	1029.000	254.00	603.75	0.00	0.05	0.00	232.07	6.00
	1029.000	315.00	603.89	0.14	0.06	0.00	286.13	6.00
	1029.000	360.00	604.00	0.10	0.06	0.00	288.00	6.00
	1029.000	487.00	604.25	0.26	0.05	0.00	288.00	6.00
	1031.000	254.00	603.73	0.00	-0.02	0.00	228.45	2.00
	1031.000	315.00	603.85	0.12	-0.04	0.00	274.31	2.00
	1031.000	360.00	603.93	0.08	-0.06	0.00	295.00	2.00
	1031.000	487.00	604.15	0.22	-0.10	0.00	295.00	2.00
	1080.000	254.00	603.87	0.00	0.14	0.00	250.11	49.00
	1080.000	315.00	604.02	0.15	0.17	0.00	277.59	49.00
	1080.000	360.00	604.12	0.10	0.19	0.00	296.32	49.00
	1080.000	487.00	604.37	0.25	0.22	0.00	368.72	49.00
	1545.000	254.00	603.99	0.00	0.13	0.00	102.32	465.00
	1545.000	315.00	604.17	0.18	0.15	0.00	196.38	465.00
	1545.000	360.00	604.30	0.13	0.18	0.00	220.07	465.00
	1545.000	487.00	604.64	0.34	0.27	0.00	250.52	465.00
*	1594.000	254.00	604.25	0.00	0.27	0.00	196.60	49.00
	1594.000	315.00	604.40	0.14	0.23	0.00	235.02	49.00
	1594.000	360.00	604.66	0.27	0.36	0.00	336.39	49.00
	1594.000	487.00	605.04	0.38	0.40	0.00	518.90	49.00
	1596.000	254.00	604.43	0.00	0.18	0.00	246.55	2.00
*	1596.000	315.00	604.44	0.01	0.04	0.00	246.65	2.00
	1596.000	360.00	604.68	0.24	0.02	0.00	344.43	2.00
	1596.000	487.00	605.07	0.39	0.03	0.00	533.68	2.00
	1627.000	254.00	604.73	0.00	0.30	0.00	372.12	31.00
	1627.000	315.00	604.88	0.15	0.44	0.00	433.12	31.00
	1627.000	360.00	604.91	0.03	0.23	0.00	440.15	31.00
	1627.000	487.00	605.16	0.25	0.09	0.00	525.26	31.00
	1629.000	254.00	604.74	0.00	0.01	0.00	377.65	2.00
	1629.000	315.00	604.88	0.15	0.00	0.00	440.13	2.00
	1629.000	360.00	604.91	0.03	0.00	0.00	447.33	2.00
	1629.000	487.00	605.16	0.25	0.00	0.00	534.58	2.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1678.000	254.00	604.80	0.00	0.06	0.00	408.45	49.00
1678.000	315.00	604.94	0.14	0.06	0.00	422.21	49.00
1678.000	360.00	604.99	0.04	0.07	0.00	424.29	49.00
1678.000	487.00	605.22	0.24	0.06	0.00	442.98	49.00
2458.000	254.00	605.01	0.00	0.21	0.00	170.68	780.00
2458.000	315.00	605.19	0.17	0.24	0.00	204.91	780.00
2458.000	360.00	605.28	0.09	0.29	0.00	221.40	780.00
2458.000	487.00	605.57	0.29	0.34	0.00	279.30	780.00
2507.000	254.00	605.04	0.00	0.03	0.00	190.09	49.00
2507.000	315.00	605.28	0.24	0.10	0.00	292.59	49.00
2507.000	360.00	605.45	0.17	0.17	0.00	309.82	49.00
2507.000	487.00	605.82	0.37	0.26	0.00	347.02	49.00
2509.000	254.00	605.30	0.00	0.26	0.00	297.03	2.00
2509.000	315.00	605.49	0.18	0.20	0.00	316.28	2.00
2509.000	360.00	605.61	0.12	0.15	0.00	327.78	2.00
2509.000	487.00	605.92	0.31	0.10	0.00	358.92	2.00
2552.000	254.00	605.41	0.00	0.11	0.00	350.80	43.00
2552.000	315.00	605.58	0.17	0.09	0.00	367.98	43.00
2552.000	360.00	605.69	0.11	0.08	0.00	380.11	43.00
2552.000	487.00	606.00	0.30	0.08	0.00	510.27	43.00
2554.000	254.00	605.40	0.00	-0.01	0.00	355.40	2.00
2554.000	315.00	605.57	0.17	-0.01	0.00	372.58	2.00
2554.000	360.00	605.68	0.11	-0.01	0.00	384.03	2.00
2554.000	487.00	605.99	0.30	-0.01	0.00	414.25	2.00
2603.000	254.00	605.38	0.00	-0.02	0.00	240.67	49.00
2603.000	315.00	605.54	0.16	-0.03	0.00	272.57	49.00
2603.000	360.00	605.65	0.11	-0.03	0.00	293.92	49.00
2603.000	487.00	605.94	0.29	-0.04	0.00	351.36	49.00

PRINTED IN U.S.A.

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 1594.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1594.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1596.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 1596.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

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FLOOD INSURANCE ZONE DATA FOR 10-YEAR FREQUENCY FLOO

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
20.000	0.	-0.92	-0.37	0.66
69.000	49.	-0.98	-0.39	0.70
231.000	211.	-0.17	-0.06	0.17
280.000	260.	-0.13	-0.04	0.12
637.000	617.	-0.25	-0.10	0.27
686.000	666.	-0.27	-0.11	0.28
716.000	696.	-0.15	-0.06	0.14
765.000	745.	-0.15	-0.06	0.14
972.000	952.	-0.16	-0.06	0.16
1021.000	1001.	-0.14	-0.05	0.15
1023.000	1003.	-0.24	-0.10	0.27
1029.000	1009.	-0.25	-0.10	0.26
1031.000	1011.	-0.20	-0.08	0.22
1080.000	1060.	-0.25	-0.10	0.25
1545.000	1525.	-0.31	-0.13	0.34
1594.000	1574.	-0.41	-0.27	0.38
1596.000	1576.	-0.25	-0.24	0.39
1627.000	1607.	-0.18	-0.03	0.25
1629.000	1609.	-0.17	-0.03	0.25
1678.000	1658.	-0.19	-0.04	0.24
2458.000	2438.	-0.27	-0.09	0.29
2507.000	2487.	-0.41	-0.17	0.37
2509.000	2489.	-0.30	-0.12	0.31
2552.000	2532.	-0.29	-0.11	0.30
2554.000	2534.	-0.29	-0.11	0.30
2603.000	2583.	-0.27	-0.11	0.29
WEIGHTED AVG FOR REACH		-0.26	-0.10	0.27

FHF FOR THE REACH = 005 WITH 98.1 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 1

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
10754.00	8.16	607.36	0.00	0.00	607.43	0.07	0.08	0.00	609.40
660.	0.	581.	79.	0.	252.	250.	109.	45.	605.60
1.44	0.00	2.31	0.31	0.000	0.027	0.070	0.000	599.20	504.17
0.000194	305.	305.	305.	2	0	0	0.00	275.83	780.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10803.000

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

10803.00	7.94	607.34	0.00	0.00	607.47	0.14	0.01	0.03	609.20
660.	0.	660.	0.	0.	221.	0.	109.	45.	608.00
1.45	0.00	2.98	0.00	0.000	0.027	0.000	0.000	599.40	302.55
0.000353	49.	49.	49.	2	0	0	0.00	40.26	342.81

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.75	2.63	0.00	19.00	1.00	120.00	0.00	599.40	599.40

*SECNO 10871.000

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	HS	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.16	607.48	0.01	135.	526.	120.	115.	605.80	608.10

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

10871.00	8.34	607.74	0.00	0.00	607.86	0.12	0.38	0.00	609.20
660.	0.	658.	2.	0.	238.	20.	110.	45.	608.00
1.45	0.00	2.77	0.09	0.000	0.027	0.070	0.000	599.40	302.00
0.000288	68.	68.	68.	2	0	4	0.00	211.57	595.52

CCHV= 0.100 CEHV= 0.300
*SECNO 10920.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 10920.00 EXTENDED 1.83 FEET

3470 ENCROACHMENT STATIONS= 274.0 819.0 TYPE= 1 TARGET= 545.000
UPSTREAM OF DRIVEWAY TO @BIG M@

10920.00	3.43	607.83	0.00	0.00	607.87	0.05	0.01	0.01	609.40
660.	0.	523.	137.	0.	271.	424.	110.	46.	605.60
1.46	0.00	1.93	0.32	0.000	0.027	0.070	0.000	599.40	503.21
0.000127	49.	49.	49.	2	0	0	0.00	315.79	819.00

*SECNO 11098.000

3470 ENCROACHMENT STATIONS= 100.0 775.0 TYPE= 1 TARGET= 675.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

11098.00	8.32	607.82	0.00	0.00	607.92	0.10	0.03	0.02	607.50
660.	21.	637.	2.	91.	243.	14.	112.	47.	607.30
1.48	0.23	2.62	0.15	0.070	0.027	0.070	0.000	599.50	317.92
0.000295	178.	178.	178.	2	0	0	0.00	302.89	620.81

CCHV= 0.300 CEHV= 0.500
*SECNO 11147.000

11147.00	7.93	607.83	0.00	0.00	607.95	0.12	0.01	0.01	609.10
660.	0.	660.	0.	0.	234.	0.	113.	47.	608.60
1.49	0.00	2.82	0.00	0.000	0.027	0.000	0.000	599.90	302.01
0.000300	49.	49.	49.	0	0	0	0.00	40.99	343.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	19.00	1.00	107.00	0.00	600.00	600.00

*SECNO 11205.000

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
608.84	607.95	0.01	81.	579.	107.	106.		605.90	608.60
11205.00	8.61	608.51	0.00	0.00	608.60	0.10	0.65	0.00	609.10
660.	0.	655.	5.	0.	262.	38.	113.	47.	608.60
1.49	0.00	2.50	0.12	0.000	0.027	0.070	0.000	599.90	300.94
0.000214	58.	58.	58.	2	0	4	0.00	191.28	501.17

CCHV= 0.100 CEHV= 0.300
*SECNO 11254.000
3280 CROSS SECTION 11254.00 EXTENDED 0.56 FEET

3470 ENCROACHMENT STATIONS= 90.0 780.0 TYPE= 1 TARGET= 690.000
UPSTREAM OF DRIVEWAY TO @BIG M@

11254.00	9.06	608.56	0.00	0.00	608.62	0.05	0.01	0.00	607.50
660.	69.	554.	36.	254.	279.	173.	113.	48.	607.30
1.50	0.27	1.98	0.21	0.070	0.027	0.070	0.000	599.50	243.65
0.000140	49.	49.	49.	2	0	0	0.00	536.35	780.00

*SECNO 11404.000
3280 CROSS SECTION 11404.00 EXTENDED 0.01 FEET

3470 ENCROACHMENT STATIONS= 250.0 900.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF SYRACUSE RD.

11404.00	7.91	608.51	0.00	0.00	608.70	0.18	0.04	0.04	607.30
660.	9.	559.	91.	22.	150.	209.	115.	49.	608.30
1.51	0.42	3.72	0.44	0.070	0.027	0.070	0.000	600.60	464.30
0.000769	150.	150.	150.	2	0	0	0.00	435.69	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11453.000

3470 ENCROACHMENT STATIONS= 175.0 800.0 TYPE= 1 TARGET= 625.000

11453.00	8.44	608.64	0.00	0.00	608.74	0.10	0.02	0.02	607.40
660.	26.	520.	114.	72.	181.	250.	116.	50.	607.00
1.52	0.37	2.87	0.45	0.070	0.027	0.070	0.000	600.20	313.75
0.000330	49.	49.	49.	2	0	0	0.00	350.50	664.25

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.38	2.63	0.00	18.00	0.00	68.00	0.00	600.20	600.20

*SECNO 11643.000
6870 D.S. ENERGY OF 608.74 HIGHER THAN COMPUTED ENERGY OF 608.73
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.12	608.74	0.00	553.	107.	68.	104.	606.00	607.00

11643.00	8.44	608.64	0.00	0.00	608.74	0.10	0.00	0.00	607.40
660.	26.	520.	114.	72.	181.	250.	118.	51.	607.00
1.54	0.37	2.87	0.45	0.070	0.027	0.070	0.000	600.20	313.76
0.000330	190.	190.	190.	2	0	7	0.00	350.47	664.23

CCHV= 0.100 CEHV= 0.300
*SECNO 11692.000
3280 CROSS SECTION 11692.00 EXTENDED 0.13 FEET

UPSTREAM OF SYRACUSE RD.

11692.00	8.03	603.63	0.00	0.00	608.78	0.15	0.02	0.02	607.30
660.	11.	538.	112.	26.	154.	250.	119.	52.	608.30
1.55	0.41	3.49	0.45	0.070	0.027	0.070	0.000	600.60	460.97
0.000655	49.	49.	49.	2	0	0	0.00	439.03	900.00

*SECNO 12692.000
3280 CROSS SECTION 12692.00 EXTENDED 0.86 FEET

3470 ENCROACHMENT STATIONS= 370.0 705.0 TYPE= 1 TARGET= 335.000
DOWNSTREAM OF NB OF TELEGRAPH RD.

12692.00	6.66	609.26	0.00	0.00	609.38	0.12	0.60	0.00	607.40
660.	26.	406.	228.	52.	117.	317.	129.	60.	607.20
1.66	0.49	3.48	0.72	0.070	0.027	0.070	0.000	602.60	429.51
0.000547	1000.	1000.	1000.	2	0	0	0.00	275.49	705.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 12741.000

3470 ENCROACHMENT STATIONS=		230.0	540.0	TYPE=	1	TARGET=	310.000		
12741.00	7.44	609.24	0.00	0.00	609.47	0.23	0.03	0.06	609.40
660.	0.	660.	0.	0.	171.	0.	129.	60.	609.40
1.66	0.00	3.86	0.00	0.000	0.027	0.000	0.000	601.80	500.08
0.000625	49.	49.	49.	2	0	0	0.00	28.82	528.90

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.49	2.63	0.00	12.00	0.00	52.00	0.00	601.80	601.80

*SECNO 12831.000
3280 CROSS SECTION 12831.00 EXTENDED 0.58 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
615.46	609.47	0.00	411.	249.	52.	56.	606.50	609.40

3470 ENCROACHMENT STATIONS=		270.0	530.0	TYPE=	1	TARGET=	260.000		
12831.00	8.18	609.98	0.00	0.00	610.12	0.15	0.66	0.00	609.40
660.	44.	616.	0.	133.	193.	0.	130.	60.	609.40
1.67	0.33	3.20	0.00	0.060	0.027	0.000	0.000	601.80	270.00
0.000379	90.	90.	90.	2	0	6	0.00	259.00	529.00

CCHV= 0.100 CEHV= 0.300
*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 1.69 FEET

3470 ENCROACHMENT STATIONS=		420.0	635.0	TYPE=	1	TARGET=	215.000		
UPSTREAM OF NB OF TELEGRAPH RD.									
DOWNSTREAM OF SB OF TELEGRAPH RD.									
12880.00	7.49	610.09	0.00	0.00	610.15	0.06	0.02	0.01	607.40
660.	64.	357.	239.	118.	135.	309.	130.	61.	607.20
1.68	0.55	2.65	0.77	0.060	0.027	0.063	0.000	602.60	420.00
0.000261	49.	49.	49.	2	0	0	0.00	215.00	635.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 12880.000

3280 CROSS SECTION 12880.00 EXTENDED 1.69 FEET

3470 ENCROACHMENT STATIONS= 420.0 635.0 TYPE= 1 TARGET= 215.000

12880.00	7.49	610.09	0.00	0.00	610.15	0.06	0.00	0.00	607.40
660.	64.	357.	239.	118.	135.	309.	130.	61.	607.20
1.68	0.55	2.65	0.77	0.060	0.027	0.060	0.000	602.60	420.00
0.000261	0.	0.	0.	0	0	0	0.00	215.00	635.00

CCHV= 0.300 CEHV= 0.800

*SECNO 12929.000

3265 DIVIDED FLOW

3280 CROSS SECTION 12929.00 EXTENDED 0.06 FEET

3470 ENCROACHMENT STATIONS= 40.0 700.0 TYPE= 1 TARGET= 660.000

12929.00	7.66	610.06	0.00	0.00	610.36	0.29	0.02	0.18	611.20
660.	0.	660.	0.	0.	152.	0.	131.	61.	611.20
1.68	0.00	4.35	0.03	0.000	0.027	0.060	0.000	602.40	402.42
0.001068	49.	49.	49.	2	0	0	0.00	46.83	700.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	20.00	0.00	122.00	0.00	602.40	602.40

*SECNO 12986.000

3280 CROSS SECTION 12986.00 EXTENDED 0.69 FEET

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
610.92	610.36	0.00	0.	660.	122.	142.	609.50	611.20

3470 ENCROACHMENT STATIONS= 200.0 505.0 TYPE= 1 TARGET= 305.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
12986.00	8.29	610.69	0.00	0.00	610.92	0.22	0.56	0.00	611.20
660.	0.	660.	0.	0.	174.	0.	131.	61.	611.20
1.69	0.00	3.79	0.00	0.000	0.027	0.000	0.000	602.40	401.08
0.000739	57.	57.	57.	2	0	0	0.00	36.91	437.99

CCHV= 0.100 CEHV= 0.300
*SECNO 13035.000
3280 CROSS SECTION 13035.00 EXTENDED 2.53 FEET

3470 ENCROACHMENT STATIONS= 300.0 705.0 TYPE= 1 TARGET= 405.000
UPSTREAM OF SB CF TELEGRAPH RD.

13035.00	8.33	610.93	0.00	0.00	610.95	0.02	0.01	0.02	607.40
660.	115.	240.	304.	349.	153.	622.	132.	61.	607.20
1.70	0.33	1.57	0.49	0.060	0.027	0.060	0.000	602.60	300.00
0.000077	49.	49.	49.	2	0	0	0.00	405.00	705.00

*SECNO 13335.000

3470 ENCROACHMENT STATIONS= 80.0 730.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF COOPER RD.

13335.00	8.66	610.96	0.00	0.00	610.98	0.03	0.04	0.00	608.60
660.	347.	311.	2.	689.	175.	16.	139.	64.	610.50
1.78	0.50	1.78	0.13	0.060	0.027	0.060	0.000	602.30	80.00
0.000209	300.	300.	300.	2	0	0	0.00	536.80	616.80

CCHV= 0.300 CEHV= 0.500
*SECNO 13434.000
3280 CROSS SECTION 13434.00 EXTENDED 2.17 FEET

13434.00	9.17	610.97	0.00	0.00	611.00	0.03	0.02	0.00	609.10
660.	288.	336.	36.	767.	177.	133.	141.	66.	609.10
1.80	0.38	1.90	0.27	0.070	0.027	0.070	0.000	601.80	0.00
0.000132	99.	99.	99.	0	0	0	0.00	564.92	564.92

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	9.00	0.00	45.00	0.00	601.80	601.80

*SECNO 13476.000
3280 CROSS SECTION 13476.00 EXTENDED 2.19 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
617.25	611.00	0.00	607.	53.	45.	58.	608.20	609.10

13476.00	9.19	610.99	0.00	0.00	611.01	0.03	0.01	0.00	609.10
660.	289.	335.	36.	772.	177.	134.	142.	66.	609.10
1.81	0.37	1.89	0.27	0.070	0.027	0.070	0.000	601.80	0.00
0.000130	42.	42.	42.	2	0	6	0.00	565.67	565.67

CCHV= 0.100 CEHV= 0.300
*SECNO 13575.000
3280 CROSS SECTION 13575.00 EXTENDED 1.80 FEET

UPSTREAM OF COOPER RD.

13575.00	8.71	611.01	0.00	0.00	611.03	0.02	0.02	0.00	608.60
660.	357.	301.	2.	852.	177.	19.	144.	68.	610.50
1.84	0.42	1.70	0.12	0.070	0.027	0.070	0.000	602.30	0.00
0.000189	99.	99.	99.	1	0	0	0.00	623.49	623.49

*SECNO 14475.000
DOWNSTREAM OF BAILY RD.

14475.00	8.02	611.22	0.00	0.00	611.33	0.12	0.27	0.03	609.90
660.	243.	400.	18.	408.	113.	34.	161.	78.	609.20
1.95	0.60	3.53	0.51	0.070	0.027	0.070	0.000	603.20	169.62
0.000575	900.	900.	900.	2	0	0	0.00	384.39	554.01

CCHV= 0.300 CEHV= 0.500
*SECNO 14524.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
14524.00	8.47	611.17	0.00	0.00	611.45	0.28	0.04	0.08	612.30
660.	45.	615.	0.	79.	139.	0.	161.	78.	612.20
1.95	0.57	4.43	0.00	0.055	0.027	0.000	0.000	602.70	166.33
0.000936	49.	49.	49.	2	0	0	0.00	186.83	428.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	12.00	0.00	73.00	0.00	602.70	602.70

*SECNO 14652.000

3265 DIVIDED FLOW

3280 CROSS SECTION 14652.00 EXTENDED 0.01 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.23	611.45	0.00	424.	237.	73.	96.	610.70	612.20
14652.00	8.62	611.32	0.00	0.00	611.56	0.25	0.11	0.00	612.30
660.	62.	598.	0.	105.	143.	0.	162.	79.	612.20
1.96	0.59	4.19	0.01	0.055	0.027	0.060	0.000	602.70	137.06
0.000823	128.	128.	128.	2	0	6	0.00	227.45	800.00

CCHV= 0.100 CEHV= 0.300

*SECNO 14701.000

UPSTREAM OF BAILY RD.

14701.00	8.33	611.53	0.00	0.00	611.61	0.07	0.03	0.02	609.90
660.	284.	352.	24.	514.	120.	46.	163.	79.	609.20
1.97	0.55	2.94	0.53	0.070	0.027	0.060	0.000	603.20	161.66
0.000372	49.	49.	49.	2	0	0	0.00	397.72	559.38

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 15601.000

3265 DIVIDED FLOW

DOWNSTREAM OF WESTLAKE RD.

15601.00	7.61	611.91	0.00	0.00	612.27	0.36	0.58	0.08	612.00
660.	0.	599.	60.	3.	119.	91.	172.	86.	611.10
2.02	0.12	5.03	0.66	0.070	0.027	0.060	0.000	604.30	421.01
0.001380	900.	900.	900.	2	0	0	0.00	246.80	688.98

CCHV= 0.300 CEHV= 0.500

*SECNO 15750.000

15750.00	7.01	612.31	0.00	0.00	612.45	0.14	0.12	0.06	610.20
660.	34.	572.	54.	56.	176.	84.	173.	87.	610.00
2.03	0.60	3.26	0.65	0.060	0.027	0.060	0.000	605.30	343.04
0.000518	149.	149.	149.	2	0	0	0.00	188.10	531.14

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.23	2.63	0.50	12.00	0.00	68.00	0.00	605.30	605.30

*SECNO 15800.000

6070 LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 612.454 ELLC= 612.700 PCWSE= 612.310 ELTRD= 614.700

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE, NRD= 16 MIN ELTRD= 614.70 MAX ELLC= 612.70

15800.00	6.23	611.53	610.35	0.00	613.37	1.85	0.07	0.85	610.20
660.	0.	660.	0.	0.	61.	0.	173.	87.	610.00
2.04	0.00	10.90	0.00	0.000	0.027	0.000	0.000	605.30	366.75
0.010919	50.	50.	50.	6	12	0	-141.17	119.14	485.89

CCHV= 0.100 CEHV= 0.300

*SECNO 15849.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLCBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 50.0 850.0 TYPE= 1 TARGET= 800.000
UPSTREAM OF WESTLAKE RD.

15849.00	9.24	613.54	0.00	0.00	613.58	0.04	0.03	0.18	612.00
660.	82.	359.	218.	223.	158.	488.	173.	87.	611.10
2.05	0.37	2.27	0.45	0.070	0.027	0.070	0.000	604.30	323.02
0.000195	49.	49.	49.	4	0	0	0.00	503.96	826.98

CCHV= 0.100 CEHV= 0.500
*SECNO 17575.000
3280 CROSS SECTION 17575.00 EXTENDED 0.55 FEET

17575.00	6.35	614.15	0.00	0.00	614.19	0.04	0.60	0.00	613.90
660.	76.	232.	352.	160.	87.	475.	205.	110.	613.10
2.39	0.48	2.66	0.74	0.070	0.035	0.070	0.000	607.80	150.54
0.000806	1726.	1726.	1726.	4	0	0	0.00	649.46	800.00

CCHV= 0.100 CEHV= 0.800
*SECNO 17710.000
7185 MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

17710.00	6.17	614.37	614.37	0.00	614.89	0.51	0.22	0.38	614.50
660.	0.	532.	128.	0.	83.	121.	206.	111.	613.80
2.40	0.00	6.38	1.06	0.000	0.035	0.070	0.000	608.20	450.43
0.005064	135.	135.	135.	2	8	0	0.00	264.07	714.49

*SECNO 17850.000

17850.00	6.93	615.03	613.22	0.00	615.47	0.43	0.57	0.01	614.50
660.	12.	583.	65.	24.	104.	82.	207.	112.	614.10
2.41	0.51	5.61	0.79	0.070	0.035	0.070	0.000	608.10	411.02
0.003383	140.	140.	140.	4	12	0	0.00	311.29	722.31

*SECNO 18100.000

3470 ENCROACHMENT STATIONS= 220.0 805.0 TYPE= 1 TARGET= 585.000

18100.00	7.45	615.85	0.00	0.00	616.01	0.16	0.52	0.03	614.80
660.	57.	454.	149.	100.	117.	205.	209.	115.	614.40
2.43	0.57	3.89	0.73	0.070	0.035	0.070	0.000	608.40	295.20
0.001393	250.	250.	250.	2	0	0	0.00	509.80	805.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18575.000

3265 DIVIDED FLOW

DOWNSTREAM OF BEECH DALY RD.

18575.00	7.75	616.65	C.00	0.00	616.99	0.35	0.84	0.14	616.70
660.	0.	582.	78.	0.	116.	99.	212.	119.	614.60
2.46	0.00	5.01	0.79	0.000	0.035	0.070	0.000	608.90	500.13
0.002293	475.	475.	475.	2	0	0	0.00	212.27	738.33

CCHV= 0.300 CEHV= 0.500

*SECNO 18624.000

3280 CROSS SECTION 18624.00 EXTENDED 0.09 FEET

18624.00	7.99	617.09	C.00	0.00	617.10	0.02	0.02	0.10	611.00
660.	111.	206.	343.	219.	117.	642.	213.	119.	609.10
2.47	0.51	1.77	0.53	C.060	0.035	0.070	0.000	609.10	311.80
0.000120	49.	49.	49.	2	0	0	0.00	388.20	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.98	2.63	0.00	15.00	0.00	112.00	0.00	609.40	609.40

*SECNO 18704.000

3280 CROSS SECTION 18704.00 EXTENDED 1.15 FEET

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
618.15	617.40	0.00	0.	660.	112.	105.	616.40	618.50

18704.00	9.05	618.15	0.00	0.00	618.15	0.01	1.05	0.00	611.00
660.	134.	165.	361.	373.	133.	927.	215.	120.	609.10
2.51	0.36	1.24	0.39	C.060	0.035	0.070	0.000	609.10	206.53
0.000050	80.	80.	80.	0	0	0	0.00	493.47	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 18753.000
3280 CROSS SECTION 18753.00 EXTENDED 0.11 FEET

3470 ENCROACHMENT STATIONS= 285.0 815.0 TYPE= 1 TARGET= 530.000
UPSTREAM OF BEECH DALY RD.

18753.00	9.21	618.11	0.00	0.00	618.18	0.06	0.00	0.02	616.70
660.	34.	391.	235.	124.	151.	473.	216.	120.	614.60
2.52	0.28	2.58	0.50	0.070	0.027	0.070	0.000	608.90	285.82
0.000257	49.	49.	49.	2	0	0	0.00	529.18	815.00

*SECNO 19003.000

3470 ENCROACHMENT STATIONS= 250.0 820.0 TYPE= 1 TARGET= 570.000
DOWNSTREAM OF MC GUIRE RD.

19003.00	8.44	613.14	0.00	0.00	618.27	0.12	0.07	0.02	615.00
660.	99.	531.	31.	169.	171.	72.	220.	123.	615.80
2.55	0.58	3.11	0.42	0.070	0.027	0.070	0.000	609.70	349.64
0.000325	250.	250.	250.	0	0	0	0.00	288.12	637.77

CCHV= 0.300 CEHV= 0.500
*SECNO 19077.000

3470 ENCROACHMENT STATIONS= 150.0 615.0 TYPE= 1 TARGET= 465.000

19077.00	8.80	613.30	0.00	0.00	618.31	0.01	0.01	0.03	617.20
660.	261.	199.	199.	735.	195.	565.	221.	123.	613.00
2.58	0.33	1.62	0.35	0.060	0.027	0.060	0.000	609.50	150.00
0.000036	74.	74.	74.	2	0	0	0.00	465.00	615.00

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.59	2.63	0.00	12.00	0.00	69.00	0.00	609.50	609.50

*SECNO 19235.000
PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
621.98	618.31	0.00	567.	93.	69.	90.	617.00	617.20	
19235.00	8.87	618.37	0.00	0.00	618.37	0.01	0.07	0.00	617.20
660.	262.	197.	200.	820.	197.	585.	227.	125.	613.00
2.67	0.32	1.00	0.34	0.060	0.027	0.060	0.000	609.50	115.26
0.000034	158.	158.	158.	0	0	7	0.00	532.46	647.72

CCHV= 0.300 CEHV= 0.500
*SECNO 19384.000

3265 DIVIDED FLOW

DOWNSTREAM OF MARVIN RD.

19384.00	8.18	618.28	0.00	0.00	618.48	0.20	0.01	0.10	617.60
660.	32.	571.	57.	86.	148.	79.	230.	127.	617.50
2.68	0.37	3.85	0.72	0.070	0.035	0.070	0.000	610.10	176.31
0.001128	149.	149.	149.	2	0	0	0.00	414.92	628.43

CCHV= 0.300 CEHV= 0.500
*SECNO 19433.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19433.00 EXTENDED 0.77 FEET

3470 ENCROACHMENT STATIONS= 190.0 655.0 TYPE= 1 TARGET= 465.000

19433.00	9.17	618.27	615.01	0.00	618.66	0.39	0.08	0.10	618.00
660.	25.	624.	10.	40.	121.	22.	231.	127.	618.00
2.68	0.65	5.16	0.46	0.060	0.027	0.055	0.000	609.10	190.00
0.002397	49.	49.	49.	4	19	0	0.00	284.61	655.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.19	3.00	0.00	12.00	0.00	76.00	0.00	609.10	609.10

*SECNO 19677.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19677.00 EXTENDED 1.67 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
622.00	618.66	0.00	330.	331.	76.	97.	617.20	618.00

19677.00	10.07	619.17	0.00	0.00	619.20	0.04	0.55	0.00	618.00
660.	123.	306.	227.	274.	140.	407.	234.	130.	618.00
2.73	0.47	2.18	0.56	0.060	0.027	0.055	0.000	609.10	83.22
0.000369	244.	244.	244.	2	0	5	0.00	713.23	800.00

CCHV= 0.100 CEHV= 0.300

*SECNO 19776.000

UPSTREAM OF MARVIN RD.

19776.00	9.06	619.15	0.00	0.00	619.25	0.09	0.03	0.02	617.60
660.	105.	486.	69.	284.	174.	134.	235.	131.	617.50
2.75	0.37	2.80	0.52	0.070	0.027	0.070	0.000	610.10	203.13
0.000286	99.	99.	99.	2	0	0	0.00	478.09	681.22

*SECNO 19876.000

3470 ENCROACHMENT STATIONS= 150.0 800.0 TYPE= 1 TARGET= 650.000

DOWNSTREAM OF FELLRATH RD.

19876.00	8.44	619.14	0.00	0.00	619.31	0.17	0.03	0.02	617.40
660.	69.	582.	9.	163.	166.	20.	236.	132.	616.50
2.76	0.38	3.51	0.42	0.070	0.027	0.070	0.000	610.70	195.71
0.000417	100.	100.	100.	2	0	0	0.00	364.55	560.26

PRINTED IN U.S.A

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	WLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.300 CEHV= 0.500									
*SECNO 19925.000									
19925.00	8.84	619.34	0.00	0.00	619.36	0.02	0.01	0.05	614.00
660.	281.	305.	74.	757.	199.	223.	237.	133.	615.00
2.77	0.37	1.53	0.33	0.070	0.027	0.070	0.000	610.50	77.05
0.000064	49.	49.	49.	2	0	0	0.00	449.22	526.27

SPECIAL BRIDGE

SB	XK	XKOR	CQFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.27	2.63	0.00	12.00	0.00	75.00	0.00	610.50	610.50

*SECNO 20033.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
622.07	619.36	0.00	367.	295.	75.	96.	618.50	618.80

20033.00	9.38	619.88	0.00	0.00	619.89	0.01	0.53	0.00	614.00
660.	300.	280.	81.	942.	215.	278.	240.	134.	615.00
2.81	0.32	1.30	0.29	0.070	0.027	0.070	0.000	610.50	41.01
0.000042	108.	108.	108.	1	0	5	0.00	496.16	537.18

CCHV= 0.100 CEHV= 0.300

*SECNO 20082.000

3470 ENCROACHMENT STATIONS= 80.0 785.0 TYPE= 1 TARGET= 705.000

UPSTREAM OF FELLRATH RD.

20082.00	9.12	619.92	0.00	0.00	619.92	0.10	0.00	0.03	617.40
660.	131.	504.	25.	298.	177.	87.	241.	134.	616.50
2.82	0.44	2.94	0.29	0.070	0.027	0.070	0.000	610.70	267.03
0.000259	49.	49.	49.	2	0	0	0.00	448.98	716.01

*SECNO 20232.000

3470 ENCROACHMENT STATIONS= 100.0 710.0 TYPE= 1 TARGET= 610.000

DOWNSTREAM OF HAROLD RD.

20232.00	8.53	619.83	0.00	0.00	619.99	0.16	0.06	0.02	618.20
660.	80.	563.	17.	141.	162.	59.	243.	136.	619.00
2.83	0.57	3.47	0.28	0.070	0.027	0.070	0.000	611.30	289.18
0.000561	150.	150.	150.	1	0	0	0.00	384.22	673.40

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 20281.000
3280 CROSS SECTION 20281.00 EXTENDED 0.02 FEET

20281.00	8.92	620.02	0.00	0.00	620.05	0.02	0.01	0.04	614.00
660.	330.	195.	135.	657.	92.	234.	244.	136.	614.00
2.84	0.50	2.12	0.58	0.055	0.027	0.055	0.000	611.10	0.00
0.000119	49.	49.	49.	2	0	0	0.00	526.77	526.77

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.30	2.63	0.00	11.00	0.00	62.00	0.00	612.00	612.00

*SECNO 20385.000
3280 CROSS SECTION 20385.00 EXTENDED 0.20 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
624.07	620.95	0.00	519.	142.	62.	79.	619.20	619.40

20385.00	9.09	620.19	0.00	0.00	620.21	0.02	0.16	0.00	614.00
660.	342.	182.	136.	730.	94.	253.	246.	138.	614.00
2.88	0.47	1.94	0.54	0.055	0.027	0.055	0.000	611.10	0.00
0.000097	104.	104.	104.	1	0	5	0.00	531.13	531.13

CCHV= 0.100 CEHV= 0.300
*SECNO 20434.000
UPSTREAM OF HAROLD RD.

20434.00	8.94	620.14	0.00	0.00	620.24	0.10	0.01	0.02	618.20
660.	119.	500.	41.	187.	172.	108.	247.	138.	619.00
2.88	0.64	2.90	0.33	0.055	0.027	0.055	0.000	611.30	285.76
0.000363	49.	49.	49.	2	0	0	0.00	421.35	707.12

CCHV= 0.100 CEHV= 0.300
*SECNO 21554.000
DOWNSTREAM OF LANGE RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
21554.00	6.91	620.71	0.00	0.00	620.78	0.08	0.54	0.00	619.50
660.	31.	368.	261.	69.	127.	360.	260.	150.	619.70
3.04	0.45	2.90	0.73	0.070	0.035	0.070	0.000	613.30	374.16
0.000662	1120.	1120.	1120.	2	0	0	0.00	493.62	867.78

CCHV= 0.300 CEHV= 0.500
*SECNO 21653.000
3280 CROSS SECTION 21653.00 EXTENDED 0.01 FEET

21653.00	9.41	620.81	0.00	0.00	620.81	0.00	0.01	0.02	616.00
660.	221.	171.	268.	723.	198.	795.	263.	151.	616.00
3.10	0.30	0.86	0.34	0.060	0.035	0.060	0.000	611.40	0.00
0.000038	99.	99.	99.	2	0	0	0.00	808.48	808.48

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.68	2.63	0.00	12.00	0.00	82.00	0.00	611.40	611.40

*SECNO 21670.000
3280 CROSS SECTION 21670.00 EXTENDED 0.24 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
622.50	620.81	0.00	414.	247.	82.	100.	619.70	620.80

21670.00	9.64	621.04	0.00	0.00	621.04	0.00	0.23	0.00	616.00
660.	227.	162.	271.	818.	206.	912.	264.	152.	616.00
3.12	0.28	0.79	0.30	0.060	0.035	0.060	0.000	611.40	0.00
0.000030	17.	17.	17.	0	0	5	0.00	1000.00	1000.00

CCHV= 0.300 CEHV= 0.700
*SECNO 21719.000
3280 CROSS SECTION 21719.00 EXTENDED 0.54 FEET

UPSTREAM OF LANGE RD.

21719.00	7.74	621.04	0.00	0.00	621.06	0.01	0.00	0.01	619.00
660.	84.	228.	347.	256.	149.	737.	265.	153.	619.20
3.13	0.33	1.54	0.47	0.060	0.035	0.060	0.000	613.30	191.33
0.000150	49.	49.	49.	0	0	0	0.00	808.67	1000.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 22670.000									
22670.00	6.04	621.24	0.00	0.00	621.52	0.27	0.38	0.08	620.90
660.	2.	500.	158.	6.	104.	159.	281.	165.	621.10
3.20	0.32	4.79	1.00	0.070	0.035	0.070	0.000	615.20	465.61
0.002338	1000.	1000.	1000.	2	0	0	0.00	226.58	692.19
*SECNO 24069.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 24069.00 EXTENDED 0.44 FEET									
DOWNSTREAM OF INKSTER RD.									
24069.00	6.44	623.54	0.00	0.00	623.69	0.15	2.16	0.01	622.50
660.	11.	480.	169.	24.	133.	251.	292.	174.	623.10
3.34	0.47	3.62	0.67	0.070	0.035	0.070	0.000	617.10	452.89
0.001163	1350.	1350.	1350.	3	0	0	0.00	394.42	1000.00

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THIS RUN EXECUTED 25 OCT 84 14:04:56

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
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C
T1                  CITY OF TAYLOR FLOOD INSURANCE STUDY
T2                  FRANK + POET DRAIN
T3                  10-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
        0.       2.         0.         0.  0.000000       0.00       0.0         0.   598.000      0.000
J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE
    1.000      0.000     -1.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000
J3  VARIABLE CODES FOR SUMMARY PRINTOUT
  110.000    150.000    201.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000

NC      0.070      0.055      0.035      0.100      0.300      0.000      0.000      0.000      0.000      0.000
GT      4.000    660.000    995.000   1190.000   1730.000      0.000      0.000      0.000      0.000      0.000
                DOWNSTREAM OF ALLEN ROAD
X1      0.000     15.000    600.000    640.000      0.000      0.000      0.000      0.000      0.000      0.000
GR    605.000      0.000    604.000    200.000    603.000    300.000    602.000    400.000    600.000    500.000
GR    596.400    600.000    591.300    616.000    589.300    619.000    588.800    624.000    588.600    627.000
GR    594.600    631.000    595.900    640.000    604.300    700.000    604.500    800.000    605.000    900.000

NC      0.070      0.055      0.027      0.300      0.500      0.000      0.000      0.000      0.000      0.000
X1     49.000     13.000    400.000    441.000     49.000     49.000     49.000      0.000      0.000      0.000
X3      0.000      0.000      0.000    385.000      0.000    605.000      0.000      0.000      0.000      0.000
GR    599.500      0.000    599.000    100.000    599.000    300.000    598.700    350.000    598.600    400.000
GR    589.700    415.000    589.900    418.000    590.200    423.000    590.100    428.000    590.300    429.000
GR    598.100    441.000    598.400    700.000    599.000    900.000      0.000      0.000      0.000      0.000

SB      0.000      2.290      2.630      0.000     14.000      0.000     78.000      0.000    589.700    589.700
X1    145.000      0.000      0.000      0.000     96.000     96.000     96.000      0.000      0.000      0.000
X2      0.000      0.000      1.000    595.500    598.400      0.000      0.000      0.000      0.000      0.000
X3      0.000      0.000      0.000    335.000      0.000    500.000      0.000      0.000      0.000      0.000
BT      4.000    400.000    599.000      0.000    415.000    598.500    595.400    429.000    598.400    595.500
BT    441.000    599.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000

NC      0.070      0.070      0.027      0.100      0.300      0.000      0.000      0.000      0.000      0.000
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	UPSTREAM OF ALLEN ROAD									
X1	194.000	15.000	600.000	640.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	605.000	0.000	604.000	200.000	603.000	300.000	602.000	400.000	600.000	500.000
GR	596.400	600.000	591.300	616.000	589.300	619.000	588.800	624.000	588.600	627.000
GR	594.600	631.000	595.900	640.000	604.300	700.000	604.500	800.000	605.000	900.000
	DOWNSTREAM OF PRIVATE ROAD									
X1	994.000	15.000	500.000	522.000	800.000	800.000	800.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	322.000	0.000	777.000	0.000	0.000	0.000	0.000
GR	602.600	0.000	601.800	100.000	601.000	200.000	600.000	300.000	597.100	400.000
GR	596.200	500.000	590.600	506.000	590.200	511.000	591.100	516.000	595.500	522.000
GR	596.500	572.000	597.000	700.000	600.000	800.000	600.200	900.000	602.000	1000.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1043.000	12.000	500.000	538.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	168.000	0.000	598.000	0.000	0.000	0.000	0.000
GR	600.000	0.000	599.000	200.000	598.000	300.000	597.000	400.000	597.000	500.000
GR	595.200	506.000	590.500	509.000	590.000	519.000	590.400	531.000	596.800	538.000
GR	597.300	588.000	600.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	22.000	0.000	110.000	0.000	590.000	590.000
X1	1062.000	0.000	0.000	0.000	19.000	19.000	19.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	595.400	596.800	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	174.000	0.000	594.000	0.000	0.000	0.000	0.000
BT	10.000	0.000	600.000	0.000	200.000	599.000	0.000	300.000	598.000	0.000
BT	400.000	597.000	0.000	500.000	597.000	0.000	509.000	596.900	595.400	531.000
BT	596.800	595.100	538.000	596.800	0.000	588.000	597.300	0.000	700.000	600.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PRIVATE ROAD									
	DOWNSTREAM OF PRIVATE ROAD									
X1	1111.000	15.000	500.000	522.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	353.000	0.000	748.000	0.000	0.000	0.000	0.000
GR	602.600	0.000	601.300	100.000	601.000	200.000	600.000	300.000	597.100	400.000
GR	596.200	500.000	590.600	506.000	590.200	511.000	591.100	516.000	595.500	522.000
GR	596.500	572.000	597.000	700.000	600.000	800.000	600.200	900.000	602.000	1000.000
X1	1112.000	16.000	500.000	527.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	353.000	0.000	748.000	0.000	0.000	0.000	0.000
GR	602.600	0.000	601.800	100.000	601.000	200.000	600.000	300.000	597.100	400.000
GR	596.700	500.000	595.300	507.000	590.300	510.000	589.700	515.000	590.400	520.000
GR	595.500	523.000	597.000	527.000	597.000	700.000	600.000	800.000	600.200	900.000
GR	602.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1160.000	14.000	400.000	440.000	48.000	48.000	48.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	200.000	0.000	570.000	0.000	0.000	0.000	0.000
GR	601.000	0.000	600.000	200.000	598.000	300.000	596.800	400.000	595.300	407.000
GR	591.500	411.000	590.400	420.000	590.600	429.000	591.700	432.000	596.700	440.000
GR	596.800	490.000	600.000	600.000	601.800	700.000	602.000	800.000	0.000	0.000

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SB	0.000	1.560	2.630	0.000	13.000	0.000	95.000	0.000	590.400	590.400
X1	1173.000	0.000	0.000	0.000	13.000	13.000	13.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	596.000	596.700	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	200.000	0.000	570.000	0.000	0.000	0.000	0.000
BT	11.000	0.000	601.000	0.000	200.000	600.000	0.000	300.000	598.000	0.000
BT	400.000	596.800	0.000	411.000	596.700	596.000	429.000	596.700	596.000	440.000
BT	596.700	0.000	490.000	596.800	0.000	600.000	600.000	0.000	700.000	601.800
BT	0.000	800.000	602.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PRIVATE ROAD									
X1	1222.000	16.000	500.000	527.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	315.000	0.000	785.000	0.000	0.000	0.000	0.000
GR	602.600	0.000	601.800	100.000	601.000	200.000	600.000	300.000	597.100	400.000
GR	596.700	500.000	595.300	507.000	590.300	510.000	589.700	515.000	590.400	520.000
GR	595.500	523.000	597.000	527.000	597.000	700.000	600.000	800.000	600.200	900.000
GR	602.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF JACKSON RD.									
X1	1282.000	14.000	500.000	516.000	60.000	60.000	60.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	205.000	0.000	645.000	0.000	0.000	0.000	0.000
GR	603.000	0.000	601.000	100.000	599.000	200.000	598.000	300.000	597.000	400.000
GR	596.600	450.000	594.800	500.000	590.700	501.000	590.000	508.000	591.200	515.000
GR	595.700	516.000	596.900	566.000	598.000	600.000	600.000	700.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1331.000	19.000	400.000	427.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	227.000	0.000	641.000	0.000	0.000	0.000	0.000
GR	602.000	0.000	600.000	100.000	597.800	200.000	596.900	300.000	596.900	400.000
GR	591.000	406.000	589.400	407.000	588.800	409.000	588.700	410.000	588.500	412.000
GR	588.600	414.000	588.800	416.000	589.200	417.000	591.000	418.000	591.500	422.000
GR	597.100	427.000	597.600	477.000	598.400	527.000	600.000	800.000	0.000	0.000
SB	0.000	1.780	2.630	0.000	12.000	0.000	74.000	0.000	588.500	588.500
X1	1373.000	0.000	0.000	0.000	42.000	42.000	42.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	596.500	596.900	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	239.000	0.000	631.000	0.000	0.000	0.000	0.000
BT	19.000	0.000	602.000	0.000	100.000	600.000	0.000	200.000	597.800	0.000
BT	300.000	595.900	0.000	400.000	596.900	0.000	406.000	597.000	591.000	407.000
BT	597.000	593.900	409.000	597.100	595.700	410.000	597.100	596.200	412.000	597.100
BT	596.500	414.000	597.100	596.200	416.000	597.100	595.000	417.000	597.100	593.600
BT	418.000	597.100	591.000	422.000	597.100	0.000	427.000	597.100	0.000	477.000
BT	597.600	0.000	527.000	593.400	0.000	800.000	600.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF JACKSON RD.									
X1	1422.000	14.000	500.000	516.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	241.000	0.000	609.000	0.000	0.000	0.000	0.000
GR	603.000	0.000	601.000	100.000	599.000	200.000	598.000	300.000	597.000	400.000
GR	596.600	450.000	594.800	500.000	590.700	501.000	590.000	508.000	591.200	515.000
GR	595.700	516.000	596.900	566.000	598.000	600.000	600.000	700.000	0.000	0.000

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	DOWNSTREAM OF D.T.I.RR.									
X1	2022.000	16.000	500.000	541.000	600.000	600.000	600.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	470.000	0.000	557.000	0.000	0.000	0.000	0.000
GR	603.100	0.000	602.600	100.000	602.500	200.000	602.300	300.000	602.000	400.000
GR	601.400	450.000	599.100	500.000	592.100	513.000	591.300	518.000	591.200	523.000
GR	592.100	528.000	595.600	531.000	599.100	541.000	602.900	600.000	603.800	700.000
GR	603.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	2071.000	20.000	500.000	573.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	610.000	0.000	609.000	200.000	609.000	400.000	609.900	450.000	608.700	500.000
GR	605.500	500.000	592.100	524.000	592.000	525.000	591.800	529.000	591.800	534.000
GR	592.400	539.000	592.200	541.000	592.000	544.000	591.900	549.000	592.600	554.000
GR	593.100	555.000	603.300	573.000	608.500	573.000	608.000	700.000	607.300	800.000
SB	0.950	1.830	2.630	0.000	30.000	2.000	207.000	0.000	591.800	591.800
X1	2133.000	0.000	0.000	0.000	62.000	62.000	62.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	599.500	608.500	0.000	0.000	0.000	0.000	0.000
BT	14.000	0.000	610.000	0.000	200.000	609.000	0.000	400.000	609.000	0.000
BT	500.000	608.700	605.500	525.000	608.700	592.000	525.000	608.700	599.400	539.000
BT	608.700	599.400	539.000	608.700	592.400	541.000	608.700	592.200	541.000	608.700
BT	599.500	555.000	608.600	599.500	555.000	608.600	593.100	573.000	608.500	603.800
BT	700.000	608.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF D.T.I.RR.									
X1	2282.000	16.000	500.000	541.000	149.000	149.000	149.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	354.000	0.000	560.000	0.000	0.000	0.000	0.000
GR	603.100	0.000	602.600	100.000	602.500	200.000	602.300	300.000	602.000	400.000
GR	601.400	450.000	599.100	500.000	592.100	513.000	591.300	518.000	591.200	523.000
GR	592.100	528.000	595.600	531.000	599.100	541.000	602.900	600.000	603.800	700.000
GR	603.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF HURON RD.									
X1	2562.000	14.000	300.000	342.000	280.000	280.000	280.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	283.000	0.000	354.000	0.000	0.000	0.000	0.000
GR	603.000	0.000	602.500	100.000	602.200	200.000	602.200	250.000	602.700	300.000
GR	596.000	316.000	592.200	320.000	591.700	325.000	592.100	331.000	596.500	334.000
GR	601.400	342.000	602.400	400.000	603.000	600.000	603.500	800.000	0.000	0.000
X1	2611.000	23.000	300.000	342.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	300.000	0.000	342.000	0.000	0.000	0.000	0.000
GR	602.500	0.000	602.600	250.000	602.700	300.000	594.500	312.000	592.300	313.000
GR	592.200	315.000	592.200	318.000	592.200	320.000	592.200	322.000	592.300	323.000
GR	594.500	324.000	594.500	327.000	592.800	328.000	592.000	330.000	592.100	333.000
GR	592.100	335.000	592.100	337.000	592.100	338.000	594.500	339.000	602.700	342.000
GR	602.700	392.000	603.300	600.000	603.300	800.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	2613.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	23.000	0.000	602.500	0.000	250.000	602.600	0.000	300.000	602.300	0.000
BT	312.000	602.500	594.500	313.000	602.500	597.000	315.000	602.500	598.700	318.000
BT	602.500	599.400	320.000	602.600	599.000	322.000	602.600	598.000	323.000	602.600
BT	597.000	324.000	602.600	594.500	327.000	602.600	594.500	328.000	602.600	597.000
BT	330.000	602.700	598.700	333.000	602.700	599.500	335.000	602.700	599.200	337.000
BT	602.700	598.000	338.000	602.700	597.000	339.000	602.700	594.500	342.000	602.700
BT	0.000	392.000	602.700	0.000	600.000	603.300	0.000	800.000	603.300	0.000
X1	2649.000	0.000	0.000	0.000	36.000	36.000	36.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	599.500	602.600	0.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	300.000	0.000	342.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	2651.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	300.000	0.000	342.000	0.000	0.000	0.000	0.000
	UPSTREAM OF HURON RD.									
X1	2700.000	14.000	300.000	342.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	286.000	0.000	356.000	0.000	0.000	0.000	0.000
GR	603.000	0.000	602.500	100.000	602.200	200.000	602.200	250.000	602.400	300.000
GR	596.000	316.000	592.200	320.000	591.700	325.000	592.100	331.000	596.500	334.000
GR	601.400	342.000	602.400	400.000	603.000	600.000	603.500	800.000	0.000	0.000
	DOWNSTREAM OF I-75 EXIT RAMP									
X1	3800.000	18.000	500.000	542.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	480.000	0.000	550.000	0.000	0.000	0.000	0.000
GR	606.000	0.000	602.000	100.000	602.600	200.000	600.100	300.000	600.000	400.000
GR	598.000	500.000	596.100	502.000	594.900	507.000	594.200	512.000	593.700	517.000
GR	593.000	522.000	593.500	527.000	596.800	538.000	598.600	542.000	598.500	608.000
GR	600.000	800.000	602.000	900.000	603.000	1000.000	0.000	0.000	0.000	0.000
X1	3849.000	20.000	500.000	546.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	619.500	0.000	617.000	100.000	615.000	300.000	610.000	400.000	606.100	450.000
GR	606.100	500.000	597.800	500.000	594.900	507.000	594.100	509.000	593.900	514.000
GR	594.100	519.500	594.100	520.500	594.200	524.000	594.400	529.000	594.800	532.000
GR	595.000	533.000	599.000	546.000	606.100	546.000	606.400	596.000	607.000	800.000
NC	0.070	0.070	0.015	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	3851.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	16.000	0.000	619.500	0.000	100.000	617.000	0.000	300.000	615.000	0.000
BT	400.000	610.000	0.000	450.000	606.100	0.000	500.000	606.100	597.800	507.000
BT	606.100	594.900	507.000	606.100	602.100	519.500	606.100	602.100	519.500	606.100
BT	594.100	520.500	606.100	594.100	520.500	606.100	602.000	533.000	606.100	602.000
BT	533.000	606.100	595.000	546.000	606.100	599.000	596.000	606.400	0.000	0.000
X1	3893.000	0.000	0.000	0.000	42.000	42.000	42.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	602.100	606.100	0.000	1.000	0.000	0.000	0.000

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NC	0.070	0.070	0.015	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	3895.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF I-75 EXIT RAMP									
	DOWNSTREAM OF N+S BOUND I-75									
X1	3929.000	18.000	500.000	542.000	34.000	34.000	34.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	488.000	0.000	553.000	0.000	0.000	0.000	0.000
GR	606.000	0.000	602.000	100.000	602.600	200.000	600.100	300.000	600.000	400.000
GR	598.000	500.000	596.100	502.000	594.900	507.000	594.200	512.000	593.700	517.000
GR	593.000	522.000	593.500	527.000	596.800	538.000	598.600	542.000	598.500	608.000
GR	600.000	800.000	602.000	900.000	603.000	1000.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	3978.000	21.000	400.000	439.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	622.000	0.000	619.500	100.000	617.000	200.000	614.800	300.000	613.700	350.000
GR	613.300	400.000	599.900	400.000	597.900	405.000	596.100	407.000	594.400	409.000
GR	593.800	418.000	593.700	419.000	593.800	424.000	593.900	428.000	596.700	430.000
GR	598.800	439.000	612.300	439.000	617.300	500.000	610.100	600.000	609.000	700.000
GR	608.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.950	2.600	2.630	0.000	22.000	1.000	177.000	0.000	594.000	594.000
X1	4200.000	0.000	0.000	0.000	222.000	222.000	222.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	602.200	612.300	0.000	0.000	0.000	0.000	0.000
BT	14.000	0.000	622.000	0.000	200.000	617.000	0.000	300.000	614.800	0.000
BT	400.000	613.300	599.900	407.000	613.100	596.100	407.000	613.100	602.200	418.000
BT	612.800	602.200	418.000	612.800	593.800	419.000	612.800	593.700	419.000	612.800
BT	602.200	430.000	612.500	602.200	430.000	612.500	596.700	439.000	612.300	598.800
BT	500.000	617.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF N+S BOUND I-75									
X1	4249.000	18.000	500.000	542.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	450.000	0.000	587.000	0.000	0.000	0.000	0.000
GR	606.000	0.000	602.000	100.000	602.600	200.000	600.100	300.000	600.000	400.000
GR	598.000	500.000	596.100	502.000	594.900	507.000	594.200	512.000	593.700	517.000
GR	593.000	522.000	593.500	527.000	596.800	538.000	598.600	542.000	598.500	608.000
GR	600.000	800.000	602.000	900.000	603.000	1000.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF SEAWAY ROAD									
X1	4749.000	17.000	500.000	540.000	500.000	500.000	500.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	170.000	0.000	675.000	0.000	0.000	0.000	0.000
GR	602.000	0.000	601.000	400.000	601.600	450.000	598.900	500.000	598.100	507.000
GR	594.500	511.000	594.000	516.000	593.700	521.000	594.600	525.000	598.100	530.000
GR	599.700	540.000	603.600	600.000	603.700	638.000	603.400	700.000	604.500	800.000
GR	605.000	900.000	605.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	4798.000	39.000	400.000	444.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	185.000	0.000	665.000	0.000	0.000	0.000	0.000
GR	605.000	0.000	604.500	100.000	603.400	200.000	602.800	300.000	602.700	350.000
GR	603.000	400.000	596.000	405.500	594.900	406.000	594.500	407.000	594.300	408.000
GR	594.200	410.000	594.300	412.000	594.500	413.000	594.800	414.000	596.000	414.500
GR	596.000	415.500	595.000	416.000	594.700	417.000	494.500	418.000	594.300	420.000

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GR	594.500	422.000	594.700	423.000	595.000	424.000	596.000	424.500	596.000	425.500
GR	595.000	426.000	594.700	427.000	594.500	428.000	594.500	429.000	594.400	430.000
GR	594.500	431.000	594.600	432.000	594.300	433.000	595.000	434.000	596.000	434.500
GR	603.400	444.000	603.900	494.000	603.000	600.000	602.000	800.000	0.000	0.000
SB	0.000	1.620	2.630	0.000	29.000	0.000	146.000	0.000	594.200	594.200
X1	4855.000	0.000	0.000	0.000	57.000	57.000	57.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.700	603.000	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	200.000	0.000	650.000	0.000	0.000	0.000	0.000
BT	39.000	0.000	505.000	0.000	100.000	604.500	0.000	200.000	603.400	0.000
BT	300.000	602.800	0.000	350.000	602.700	0.000	400.000	603.000	0.000	405.500
BT	603.000	596.000	406.000	603.000	598.000	407.000	603.000	599.400	408.000	603.000
BT	600.000	410.000	603.100	600.600	412.000	603.100	600.100	413.000	603.100	599.500
BT	414.000	603.100	598.300	414.500	603.200	596.000	415.500	603.200	596.000	416.000
BT	603.200	598.400	417.000	603.200	599.600	418.000	603.200	600.300	420.000	603.200
BT	600.700	422.000	603.200	600.300	423.000	603.200	599.500	424.000	603.200	598.100
BT	424.500	603.200	596.000	425.500	603.200	596.000	426.000	603.200	598.200	427.000
BT	603.200	599.500	428.000	603.300	600.200	429.000	603.300	600.600	430.000	603.300
BT	600.700	431.000	603.300	600.500	432.000	603.300	600.300	433.000	603.300	599.600
BT	434.000	603.300	598.200	434.500	603.400	596.000	444.000	603.400	0.000	494.000
BT	603.900	0.000	600.000	603.000	0.000	800.000	602.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF SEAWAY ROAD

X1	4904.000	17.000	500.000	540.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	215.000	0.000	640.000	0.000	0.000	0.000	0.000
GR	602.000	0.000	601.000	400.000	601.600	450.000	598.900	500.000	598.100	507.000
GR	594.500	511.000	594.000	516.000	593.700	521.000	594.600	525.000	598.100	530.000
GR	599.700	540.000	603.600	600.000	603.700	638.000	603.400	700.000	604.500	800.000
GR	605.000	900.000	605.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF R.R.BRIDGE

X1	5604.000	17.000	500.000	528.000	700.000	700.000	700.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	477.000	0.000	552.000	0.000	0.000	0.000	0.000
GR	604.000	0.000	604.000	100.000	602.000	200.000	602.300	300.000	602.000	400.000
GR	600.800	450.000	600.300	500.000	598.600	504.000	595.900	505.000	595.600	510.000
GR	594.900	515.000	595.500	520.000	598.700	522.000	600.300	528.000	604.000	700.000
GR	608.200	800.000	609.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.017	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	5668.000	17.000	400.000	442.000	64.000	64.000	64.000	0.000	0.000	0.000
GR	611.400	0.000	610.000	100.000	610.000	300.000	610.700	350.000	610.600	400.000
GR	601.300	400.000	599.700	410.000	597.700	414.500	597.200	415.500	595.600	419.000
GR	595.300	425.000	595.800	429.000	596.000	430.000	602.500	442.000	610.600	442.000
GR	609.000	600.000	609.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.950	1.560	2.630	0.000	14.500	2.000	402.000	2.000	595.300	595.300
X1	5684.000	0.000	0.000	0.000	16.000	16.000	16.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	607.600	610.600	0.000	0.000	0.000	0.000	0.000
BT	12.000	0.000	611.400	0.000	400.000	610.600	601.300	414.500	610.700	607.600
BT	414.500	610.700	597.700	415.500	610.700	597.200	415.500	610.700	607.600	429.000
BT	610.700	607.600	429.000	610.700	595.800	430.000	610.700	596.000	430.000	610.700
BT	607.600	442.000	610.600	607.600	600.000	609.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.017	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF R.R.BRIDGE									
X1	5733.000	17.000	500.000	528.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	440.000	0.000	582.000	0.000	0.000	0.000	0.000
GR	604.000	0.000	604.000	100.000	602.000	200.000	602.300	300.000	602.000	400.000
GR	600.800	450.000	600.300	500.000	598.600	504.000	595.900	505.000	595.600	510.000
GR	594.900	515.000	595.500	520.000	598.700	522.000	600.300	528.000	604.000	700.000
GR	608.200	800.000	609.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF EURIKA ROAD									
X1	5833.000	15.000	500.000	539.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	340.000	0.000	682.000	0.000	0.000	0.000	0.000
GR	604.100	0.000	603.700	100.000	603.400	200.000	603.000	300.000	602.000	400.000
GR	602.800	450.000	603.300	500.000	596.300	514.000	595.500	519.000	595.700	524.000
GR	596.400	530.000	599.400	531.000	602.600	539.000	603.000	700.000	604.000	900.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	5882.000	15.000	300.000	366.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	100.000	0.000	522.000	0.000	0.000	0.000	0.000
GR	604.000	0.000	603.500	100.000	602.900	200.000	602.900	300.000	597.700	314.000
GR	596.500	317.000	596.500	332.000	596.500	350.000	596.500	351.000	598.900	355.000
GR	603.500	366.000	603.100	400.000	602.000	500.000	599.000	600.000	596.500	700.000
SB	0.000	2.630	2.630	0.000	36.000	0.000	125.000	0.000	596.000	596.000
X1	5984.000	0.000	0.000	0.000	102.000	102.000	102.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.200	602.900	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	35.000	0.000	650.000	0.000	0.000	0.000	0.000
BT	8.000	0.000	604.000	0.000	100.000	603.500	0.000	200.000	602.900	0.000
BT	300.000	602.900	0.000	314.000	602.900	599.900	350.000	603.500	600.200	366.000
BT	603.500	0.000	400.000	603.100	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF EURIKA ROAD									
X1	6033.000	15.000	500.000	539.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	150.000	0.000	740.000	0.000	0.000	0.000	0.000
GR	604.100	0.000	603.700	100.000	603.400	200.000	603.000	300.000	602.000	400.000
GR	602.800	450.000	603.300	500.000	596.300	514.000	595.500	519.000	595.700	524.000
GR	596.400	530.000	599.400	531.000	602.600	539.000	603.000	700.000	604.000	900.000
	DOWNSTREAM OF RACHO ROAD									
X1	6533.000	15.000	500.000	529.000	500.000	500.000	500.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	355.000	0.000	695.000	0.000	0.000	0.000	0.000
GR	607.800	0.000	607.800	100.000	606.400	200.000	604.200	300.000	601.600	400.000
GR	601.400	450.000	601.500	500.000	595.200	508.000	595.200	510.000	595.200	518.000
GR	597.400	522.000	601.300	529.000	601.000	579.000	601.800	700.000	603.500	800.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	6582.000	18.000	300.000	333.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	140.000	0.000	455.000	0.000	0.000	0.000	0.000
GR	604.200	0.000	603.600	100.000	603.300	200.000	604.300	250.000	604.500	300.000
GR	596.300	312.000	595.700	313.000	595.500	314.000	595.300	315.000	595.200	317.000
GR	595.300	319.000	595.500	320.000	595.700	321.000	596.500	322.000	604.500	333.000
GR	604.300	393.000	602.000	500.000	603.000	600.000	0.000	0.000	0.000	0.000

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SB	0.000	2.410	2.630	0.000	10.000	0.000	51.000	0.000	595.200	595.200
X1	6690.000	0.000	0.000	0.000	108.000	108.000	108.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	601.600	604.500	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	170.000	0.000	430.000	0.000	0.000	0.000	0.000
BT	18.000	0.000	604.200	0.000	100.000	603.600	0.000	200.000	603.000	0.000
BT	250.000	604.300	0.000	300.000	604.500	0.000	312.000	604.600	596.500	313.000
BT	604.600	599.700	314.000	604.600	600.700	315.000	604.600	601.300	317.000	604.600
BT	601.600	319.000	604.600	595.300	320.000	604.600	600.600	321.000	604.600	599.600
BT	322.000	604.600	596.500	333.000	604.500	0.000	383.000	604.000	0.000	500.000
BT	602.000	0.000	600.000	603.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF RACHO ROAD									
X1	6739.000	15.000	500.000	529.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	407.000	0.000	643.000	0.000	0.000	0.000	0.000
GR	607.800	0.000	607.800	100.000	606.400	200.000	604.200	300.000	601.600	400.000
GR	601.400	450.000	601.500	500.000	595.200	508.000	595.200	510.000	595.200	518.000
GR	597.400	522.000	601.300	529.000	601.000	579.000	601.800	700.000	603.500	800.000
	DOWNSTREAM OF DRIVE TO SHOPPING CENTER									
X1	7439.000	17.000	500.000	534.000	300.000	300.000	300.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	480.000	0.000	560.000	0.000	0.000	0.000	0.000
GR	608.200	0.000	608.500	100.000	608.500	200.000	608.500	300.000	606.400	400.000
GR	606.400	450.000	605.200	500.000	601.300	510.000	596.500	513.000	595.900	516.000
GR	595.700	521.000	596.700	525.000	601.100	527.000	603.600	534.000	607.500	700.000
GR	608.200	900.000	608.200	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.050	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	7488.000	32.000	200.000	256.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.800	0.000	606.400	100.000	607.000	150.000	607.500	200.000	597.500	214.500
GR	597.400	215.000	597.300	217.000	597.300	219.000	597.300	221.000	597.400	223.000
GR	597.500	223.500	597.500	226.500	597.400	227.000	597.300	228.000	597.300	229.000
GR	597.300	231.000	597.300	233.000	597.300	234.000	597.400	235.000	597.500	235.500
GR	597.500	237.500	597.500	238.000	597.500	239.000	597.500	240.000	597.500	242.000
GR	597.500	244.000	597.500	245.000	597.500	246.000	597.500	246.500	607.900	256.000
GR	607.900	300.000	608.500	500.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.710	2.630	0.000	32.000	0.000	107.000	0.000	597.300	597.300
X1	7580.000	0.000	0.000	0.000	92.000	92.000	92.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	602.200	607.500	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	150.000	0.000	386.000	0.000	0.000	0.000	0.000
BT	27.000	200.000	608.000	0.000	214.500	607.600	597.500	215.000	607.600	599.700
BT	217.000	607.600	601.700	219.000	607.600	602.200	221.000	607.600	601.700	223.000
BT	607.700	599.700	223.500	607.700	597.500	226.500	607.700	597.500	227.000	607.700
BT	599.500	228.000	607.700	600.900	229.000	607.700	601.100	231.000	607.700	602.100
BT	233.000	607.700	601.600	234.000	607.700	601.000	235.000	607.700	599.600	235.500
BT	607.700	597.500	237.500	607.700	597.500	238.000	607.700	599.600	239.000	607.700
BT	601.000	240.000	607.700	601.600	242.000	607.700	602.200	244.000	607.800	601.600
BT	245.000	607.800	601.000	246.000	607.800	599.600	246.500	607.800	597.500	256.000
BT	608.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF DRIVE TO SHOPPING CENTER									
X1	7629.000	17.000	500.000	534.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	402.000	0.000	645.000	0.000	0.000	0.000	0.000
GR	608.200	0.000	608.500	100.000	608.500	200.000	608.500	300.000	606.400	400.000
GR	606.400	450.000	605.200	500.000	601.300	510.000	596.500	513.000	595.900	516.000
GR	595.700	521.000	596.700	525.000	601.100	527.000	603.600	534.000	607.500	700.000
GR	608.200	900.000	608.200	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF SHOPPING CENTER DRIVE									
X1	8001.000	16.000	500.000	543.000	372.000	372.000	372.000	0.000	0.000	0.000
GR	610.000	0.000	609.800	200.000	609.000	300.000	608.300	400.000	608.000	450.000
GR	607.800	480.000	605.700	500.000	598.800	510.000	596.000	514.000	596.000	524.000
GR	597.400	526.000	600.000	530.000	608.400	543.000	608.800	593.000	610.500	700.000
GR	611.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	8050.000	29.000	400.000	458.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	290.000	0.000	545.000	0.000	0.000	0.000	0.000
GR	610.300	0.000	609.800	100.000	609.000	200.000	608.300	300.000	608.300	350.000
GR	608.500	400.000	598.500	414.000	596.600	415.000	596.200	418.000	596.500	420.000
GR	596.700	421.000	598.500	422.000	598.500	424.000	596.600	425.000	596.400	427.000
GR	596.300	428.000	596.500	430.000	596.800	431.000	598.500	432.000	598.500	434.000
GR	597.000	435.000	596.500	437.000	596.600	440.000	596.800	441.000	598.500	442.000
GR	609.100	458.000	609.600	508.000	608.000	600.000	608.000	700.000	0.000	0.000
SB	0.000	1.770	2.630	0.000	28.000	0.000	130.000	0.000	596.200	596.200
X1	8163.000	0.000	0.000	0.000	113.000	113.000	113.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	602.800	608.500	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	280.000	0.000	560.000	0.000	0.000	0.000	0.000
BT	29.000	0.000	610.300	0.000	100.000	609.800	0.000	200.000	609.000	0.000
BT	300.000	608.300	0.000	400.000	608.500	0.000	414.000	608.600	598.500	415.000
BT	608.600	601.400	413.000	608.600	602.600	420.000	608.600	602.200	421.000	608.700
BT	601.400	422.000	608.700	598.500	424.000	608.700	598.500	425.000	608.700	601.400
BT	427.000	608.700	602.600	428.000	608.700	602.700	430.000	608.700	602.200	431.000
BT	608.700	601.400	432.000	608.700	598.500	434.000	608.700	598.500	435.000	608.800
BT	601.500	437.000	608.800	602.600	438.000	608.800	602.800	440.000	608.900	602.300
BT	441.000	609.000	601.400	442.000	609.000	598.500	458.000	609.100	0.000	508.000
BT	609.600	0.000	600.000	503.000	0.000	700.000	608.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF SHOPPING CENTER DRIVE									
X1	8212.000	16.000	500.000	543.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	334.000	0.000	589.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	609.800	200.000	609.000	300.000	608.300	400.000	608.000	450.000
GR	607.800	480.000	605.700	500.000	598.800	510.000	596.000	514.000	596.000	524.000
GR	597.400	526.000	600.000	530.000	608.400	543.000	608.800	593.000	610.500	700.000
GR	611.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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DOWNSTREAM OF SHOPPING CENTER DRIVE

X1	8537.000	15.000	400.000	442.000	325.000	325.000	325.000	0.000	0.000	0.000
GR	611.300	0.000	610.400	100.000	609.300	200.000	609.000	300.000	608.200	350.000
GR	607.400	400.000	601.700	409.000	598.800	409.000	597.600	417.000	599.100	424.000
GR	601.300	424.000	609.000	442.000	610.100	492.000	610.500	600.000	611.000	800.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	8586.000	30.000	300.000	357.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	188.000	0.000	448.000	0.000	0.000	0.000	0.000
GR	611.000	0.000	610.200	100.000	609.000	200.000	608.600	250.000	608.600	300.000
GR	600.000	315.500	598.900	316.000	598.400	318.000	598.200	320.000	598.400	322.000
GR	599.000	324.000	600.000	324.500	600.000	325.500	599.000	326.000	598.400	328.000
GR	598.200	330.000	598.400	332.000	599.000	334.000	600.000	334.500	600.000	335.500
GR	599.200	336.000	598.500	338.000	598.400	340.000	598.500	342.000	599.200	344.000
GR	600.000	344.500	609.100	357.000	609.000	407.000	610.000	600.000	612.000	700.000
SB	0.000	1.720	2.630	0.000	29.000	0.000	125.000	0.000	598.200	598.200
X1	8683.000	0.000	0.000	0.000	97.000	97.000	97.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	604.600	608.600	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	186.000	0.000	486.000	0.000	0.000	0.000	0.000
BT	29.000	0.000	611.000	0.000	100.000	610.200	0.000	200.000	609.000	0.000
BT	300.000	608.600	0.000	315.500	608.300	600.000	316.000	608.800	601.500	318.000
BT	608.800	603.600	320.000	608.800	604.100	322.000	608.900	603.600	324.000	608.900
BT	601.500	324.500	608.900	600.000	325.500	608.900	600.000	326.000	608.900	601.600
BT	328.000	608.900	603.800	330.000	608.900	604.200	332.000	609.000	603.800	334.000
BT	609.000	601.800	334.500	609.000	600.000	335.500	609.000	600.000	336.000	609.000
BT	602.000	338.000	609.000	604.000	340.000	609.000	604.600	342.000	609.000	604.000
BT	344.000	609.000	602.000	344.500	609.000	600.000	357.000	609.100	0.000	407.000
BT	609.000	0.000	600.000	610.000	0.000	700.000	612.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF SHOPPING CENTER DR.

X1	8732.000	15.000	400.000	442.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.300	0.000	610.400	100.000	609.500	200.000	609.000	300.000	608.200	350.000
GR	607.400	400.000	601.700	409.000	598.800	409.000	597.600	417.000	599.100	424.000
GR	601.300	424.000	609.000	442.000	610.100	492.000	610.500	600.000	611.000	800.000

DOWNSTREAM OF SHOPPING CENTER DRIVE

X1	9057.000	15.000	400.000	450.000	325.000	325.000	325.000	0.000	0.000	0.000
GR	611.800	0.000	611.000	100.000	609.800	200.000	608.000	300.000	607.300	350.000
GR	605.700	400.000	601.800	412.000	598.200	416.000	597.800	421.000	597.800	426.000
GR	597.900	431.000	598.000	437.000	603.300	450.000	607.000	500.000	607.500	600.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	9106.000	30.000	300.000	350.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	110.000	0.000	600.000	0.000	0.000	0.000	0.000
GR	611.000	0.000	610.000	100.000	608.300	200.000	607.500	250.000	607.900	300.000
GR	600.500	310.500	599.300	311.000	598.800	313.000	598.600	315.000	598.800	317.000
GR	599.300	319.000	600.500	319.500	600.500	320.500	599.100	321.000	598.600	323.000
GR	598.500	325.000	598.600	327.000	599.100	329.000	600.500	329.500	600.500	331.500
GR	599.300	332.000	598.700	334.000	598.500	336.000	598.700	338.000	599.500	340.000
GR	600.500	340.500	607.400	350.000	606.600	375.000	605.000	500.000	606.000	600.000

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SB	0.000	1.700	2.630	0.000	30.000	0.000	126.000	0.000	598.500	598.500
X1	9201.000	0.000	0.000	0.000	95.000	95.000	95.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	604.600	607.400	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	135.000	0.000	575.000	0.000	0.000	0.000	0.000
BT	29.000	0.000	611.000	0.000	100.000	610.000	0.000	200.000	608.300	0.000
BT	300.000	607.900	0.000	310.500	607.800	600.500	311.000	607.800	602.200	313.000
BT	607.800	604.200	315.000	607.800	604.600	317.000	607.800	604.100	319.000	607.700
BT	602.000	319.500	607.700	600.500	320.500	607.700	600.500	321.000	607.700	602.000
BT	323.000	607.700	604.000	325.000	607.700	604.400	327.000	607.700	604.000	329.000
BT	607.700	602.000	329.500	607.700	600.500	331.500	607.600	600.500	332.000	607.600
BT	602.000	334.000	607.600	604.000	336.000	607.500	604.500	338.000	607.500	604.000
BT	340.000	607.500	602.000	340.500	607.500	600.500	350.000	607.400	0.000	375.000
BT	606.600	0.000	500.000	605.000	0.000	600.000	606.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF SHOPPING CENTER DRIVE

X1	9250.000	15.000	400.000	450.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	190.000	0.000	605.000	0.000	0.000	0.000	0.000
GR	611.800	0.000	611.000	100.000	609.800	200.000	608.000	300.000	607.300	350.000
GR	606.800	400.000	601.800	412.000	598.200	416.000	597.800	421.000	597.800	426.000
GR	597.900	431.000	598.000	437.000	603.300	450.000	607.000	500.000	607.500	600.000

DOWNSTREAM OF NEW PARDEE ROAD

X1	9607.000	15.000	500.000	538.000	357.000	357.000	357.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	35.000	0.000	770.000	0.000	0.000	0.000	0.000
GR	609.900	0.000	609.000	100.000	607.800	200.000	607.800	300.000	607.000	400.000
GR	606.900	450.000	605.700	500.000	601.500	513.000	599.500	514.000	598.700	521.000
GR	599.500	528.000	600.600	528.000	605.700	538.000	605.500	600.000	606.000	800.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	9676.000	27.000	400.000	449.000	69.000	69.000	69.000	0.000	0.000	0.000
GR	608.500	0.000	608.000	100.000	607.000	200.000	606.000	300.000	605.800	350.000
GR	605.500	400.000	604.700	405.000	600.000	409.500	599.300	410.000	599.000	411.000
GR	599.000	414.000	599.000	416.000	599.000	418.000	599.200	421.000	600.000	422.000
GR	600.000	424.000	599.000	425.000	599.000	428.000	599.000	430.000	599.000	432.000
GR	599.200	435.000	599.400	436.000	600.000	436.500	605.300	449.000	604.400	510.000
GR	605.800	600.000	606.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.900	2.630	0.000	27.000	0.000	95.000	0.000	599.000	599.000
X1	9676.000	0.000	0.000	0.000	98.000	98.000	98.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	603.700	605.300	0.000	0.000	0.000	0.000	0.000
BT	25.000	0.000	608.500	0.000	100.000	608.000	0.000	200.000	607.000	0.000
BT	300.000	606.000	0.000	400.000	605.500	0.000	405.000	604.700	0.000	409.500
BT	605.500	600.000	410.000	605.500	601.300	411.000	605.000	602.400	414.000	605.500
BT	603.500	416.000	605.500	603.700	418.000	605.500	603.500	421.000	605.500	602.000
BT	422.000	605.500	600.000	424.000	605.500	600.000	425.000	605.500	602.000	428.000
BT	605.500	603.500	430.000	605.400	603.700	432.000	605.400	603.500	435.000	605.400
BT	602.000	436.000	605.400	601.200	436.500	605.400	600.000	449.000	605.300	0.000
BT	510.000	604.400	0.000	600.000	605.300	0.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF NEW PARDEE RD.									
X1	9823.000	15.000	500.000	538.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	609.900	0.000	609.000	100.000	607.800	200.000	607.800	300.000	607.000	400.000
GR	606.900	450.000	605.700	500.000	601.500	513.000	599.500	514.000	598.700	521.000
GR	599.500	528.000	600.600	528.000	605.700	538.000	605.500	600.000	606.000	800.000
	DOWNSTREAM OF DRIVEWAY TO BIG@M@									
X1	10293.000	15.000	500.000	543.000	470.000	470.000	470.000	0.000	0.000	0.000
GR	613.000	0.000	611.000	100.000	609.000	200.000	607.900	300.000	607.500	400.000
GR	607.300	500.000	602.400	511.000	599.500	512.000	599.400	520.000	599.800	528.000
GR	602.200	529.000	606.900	543.000	605.800	593.000	606.000	600.000	606.000	800.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	10342.000	18.000	400.000	445.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.000	0.000	611.000	100.000	609.800	300.000	609.800	350.000	608.800	400.000
GR	602.200	411.000	599.500	415.000	599.200	420.000	598.800	424.000	598.800	426.000
GR	599.100	430.000	599.300	435.000	605.100	445.000	607.300	445.000	605.000	600.000
GR	606.000	700.000	606.000	800.000	607.000	900.000	0.000	0.000	0.000	0.000
SB	0.950	1.710	2.630	0.000	20.000	2.000	124.000	0.000	588.800	588.800
X1	10400.000	0.000	0.000	0.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.300	607.300	0.000	0.000	0.000	0.000	0.000
BT	14.000	0.000	613.000	0.000	100.000	611.000	0.000	300.000	609.800	0.000
BT	400.000	608.800	0.000	415.000	608.700	605.300	423.500	608.600	605.300	424.000
BT	608.600	598.800	426.000	608.600	598.800	426.500	608.600	605.300	435.000	607.500
BT	605.300	445.000	607.300	605.100	488.000	605.000	0.000	600.000	605.000	0.000
BT	800.000	606.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF DRIVEWAY TO BIG@M@									
X1	10449.000	15.000	500.000	543.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	160.000	0.000	785.000	0.000	0.000	0.000	0.000
GR	613.000	0.000	611.000	100.000	609.000	200.000	607.900	300.000	607.500	400.000
GR	607.300	500.000	602.400	511.000	599.500	512.000	599.400	520.000	599.800	528.000
GR	602.200	529.000	606.900	543.000	605.300	593.000	606.000	600.000	606.000	800.000
	DOWNSTREAM OF DRIVEWAY TO @BIG M@									
X1	10754.000	15.000	500.000	549.000	305.000	305.000	305.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	310.000	0.000	780.000	0.000	0.000	0.000	0.000
GR	613.500	0.000	611.800	100.000	610.000	200.000	609.000	300.000	609.000	400.000
GR	609.400	500.000	599.600	520.000	599.400	525.000	599.200	530.000	599.500	535.000
GR	599.600	538.000	603.200	543.000	605.600	549.000	606.500	612.000	606.000	900.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	10803.000	15.000	300.000	344.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1.000	0.000	700.000	0.000	0.000	0.000	0.000
GR	614.000	0.000	612.000	100.000	610.200	250.000	609.200	300.000	599.700	313.000
GR	599.400	318.000	599.400	321.500	599.400	322.000	599.400	323.000	599.400	323.500
GR	600.000	332.000	602.400	334.000	608.000	344.000	607.500	500.000	608.000	700.000

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SB	0.950	1.750	2.630	0.000	19.000	1.000	120.000	0.000	599.400	599.400
X1	10871.000	0.000	0.000	0.000	68.000	68.000	68.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.800	608.100	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1.000	0.000	700.000	0.000	0.000	0.000	0.000
BT	13.000	0.000	614.000	0.000	100.000	612.000	0.000	250.000	610.200	0.000
BT	300.000	609.200	0.000	313.000	609.000	605.800	321.500	608.600	605.800	322.000
BT	608.900	599.400	323.000	608.600	599.400	323.500	608.600	605.800	332.000	608.100
ET	605.800	344.000	608.000	0.000	500.000	607.500	0.000	700.000	607.500	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF DRIVEWAY TO @BIG M@									
X1	10920.000	15.000	500.000	549.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	274.000	0.000	819.000	0.000	0.000	0.000	0.000
GR	613.500	0.000	611.800	100.000	610.000	200.000	609.000	300.000	609.000	400.000
GR	609.400	500.000	599.600	520.000	599.400	525.000	599.700	530.000	599.500	535.000
GR	599.600	538.000	603.200	543.000	605.600	549.000	606.500	612.000	606.000	900.000
	DOWNSTREAM OF DRIVEWAY TO @BIG M@									
X1	11098.000	14.000	500.000	549.000	178.000	178.000	178.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	100.000	0.000	775.000	0.000	0.000	0.000	0.000
GR	611.300	0.000	609.700	100.000	609.000	200.000	608.000	300.000	607.000	400.000
GR	607.500	500.000	602.500	513.000	600.000	515.000	599.500	523.000	600.000	530.000
GR	602.300	534.000	607.300	549.000	607.800	600.000	608.000	800.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	11147.000	18.000	300.000	343.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.000	0.000	609.700	200.000	610.000	250.000	609.100	300.000	602.800	310.000
GR	601.400	314.000	600.100	318.000	599.900	322.500	599.900	323.000	599.900	324.000
GR	599.900	324.500	600.300	333.000	600.400	334.000	606.700	343.000	608.600	343.000
GR	608.000	400.000	609.000	600.000	610.000	800.000	0.000	0.000	0.000	0.000
SB	0.950	1.710	2.630	0.000	19.000	1.000	107.000	0.000	600.000	600.000
X1	11205.000	0.000	0.000	0.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.900	608.600	0.000	0.000	0.000	0.000	0.000
ET	15.000	0.000	611.000	0.000	200.000	609.700	0.000	300.000	609.100	0.000
BT	310.000	609.000	0.000	314.000	609.000	605.900	322.500	608.900	605.900	323.000
ET	608.900	599.900	324.000	608.900	599.900	324.500	608.900	605.900	333.000	608.800
BT	605.900	334.000	609.000	0.000	343.000	608.600	606.700	400.000	608.000	0.000
ET	600.000	609.000	0.000	800.000	610.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF DRIVEWAY TO @BIG M@									
X1	11254.000	14.000	500.000	549.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	90.000	0.000	780.000	0.000	0.000	0.000	0.000
GR	611.300	0.000	609.700	100.000	609.000	200.000	608.000	300.000	607.000	400.000
GR	607.500	500.000	602.500	513.000	600.000	515.000	599.500	523.000	600.000	530.000
GR	602.300	534.000	607.300	549.000	607.800	600.000	608.000	800.000	0.000	0.000

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DOWNSTREAM OF SYRACUSE RD.

X1	11404.000	17.000	500.000	533.000	150.000	150.000	150.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	250.000	0.000	900.000	0.000	0.000	0.000	0.000
GR	612.000	0.000	612.000	100.000	612.000	200.000	609.900	300.000	609.700	400.000
GR	609.000	450.000	607.300	500.000	604.200	509.000	601.000	510.000	600.600	516.000
GR	601.000	522.000	603.800	522.000	608.300	533.000	607.400	567.000	608.000	700.000
GR	608.000	800.000	608.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	11453.000	26.000	400.000	430.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	175.000	0.000	800.000	0.000	0.000	0.000	0.000
GR	612.000	0.000	612.000	100.000	609.900	200.000	609.000	300.000	607.700	350.000
GR	607.400	400.000	604.800	407.000	602.000	409.000	600.800	410.000	600.500	411.000
GR	600.300	413.000	600.500	415.000	600.800	416.000	602.000	417.000	602.000	419.000
GR	600.800	420.000	600.500	421.000	600.200	423.000	600.500	425.000	600.800	426.000
GR	602.000	427.000	607.000	430.000	607.000	500.000	608.000	600.000	609.000	700.000
GR	609.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.380	2.630	0.000	18.000	0.000	68.000	0.000	600.200	600.200
X1	11643.000	0.000	0.000	0.000	190.000	190.000	190.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	606.000	607.000	0.000	0.000	0.000	0.000	0.000
BT	25.000	0.000	612.000	0.000	100.000	612.000	0.000	200.000	609.900	0.000
BT	300.000	609.000	0.000	400.000	607.400	0.000	407.000	607.400	0.000	409.000
BT	607.400	602.000	410.000	607.300	604.500	411.000	607.300	605.300	413.000	607.200
BT	605.800	415.000	607.200	605.300	416.000	607.200	604.500	417.000	607.200	602.000
BT	419.000	607.200	602.000	420.000	607.200	604.500	421.000	607.100	605.300	423.000
BT	607.100	606.000	425.000	607.100	605.300	426.000	607.100	604.500	427.000	607.000
BT	602.000	430.000	607.000	0.000	500.000	607.000	0.000	600.000	608.000	0.000
BT	700.000	609.000	0.000	800.000	609.500	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF SYRACUSE RD.

X1	11692.000	17.000	500.000	533.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	612.000	100.000	612.000	200.000	609.900	300.000	609.700	400.000
GR	609.000	450.000	607.300	500.000	604.200	509.000	601.000	510.000	600.600	516.000
GR	601.000	522.000	603.800	522.000	608.300	533.000	607.400	567.000	608.000	700.000
GR	608.000	800.000	608.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF NB OF TELEGRAPH RD.

X1	12692.000	18.000	500.000	522.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	370.000	0.000	705.000	0.000	0.000	0.000	0.000
GR	612.000	0.000	609.900	100.000	608.900	200.000	609.700	300.000	609.500	400.000
GR	609.100	450.000	607.400	500.000	602.700	504.000	602.600	507.000	602.900	512.000
GR	603.100	517.000	605.700	518.000	607.200	522.000	607.300	581.000	608.000	700.000
GR	608.200	800.000	608.600	900.000	608.400	1000.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	12741.000	10.000	500.000	529.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	230.000	0.000	540.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	609.400	200.000	609.400	500.000	603.100	503.000	602.600	509.000
GR	602.300	515.000	601.900	520.000	602.000	521.000	602.800	525.000	609.400	529.000

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SB	0.000	2.490	2.630	0.000	12.000	0.000	52.000	0.000	601.800	601.800
X1	12831.000	0.000	0.000	0.000	90.000	90.000	90.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	606.500	609.400	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	270.000	0.000	530.000	0.000	0.000	0.000	0.000
BT	5.000	0.000	610.000	0.000	500.000	609.400	0.000	509.000	609.400	606.500
BT	521.000	609.400	606.500	529.000	609.400	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF NB CF TELEGRAPH RD.									
	DOWNSTREAM OF SE OF TELEGRAPH RD.									
X1	12880.000	18.000	500.000	522.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	420.000	0.000	635.000	0.000	0.000	0.000	0.000
GR	612.000	0.000	609.900	100.000	608.900	200.000	609.700	300.000	609.500	400.000
GR	609.100	450.000	607.400	500.000	602.700	504.000	602.600	507.000	602.900	512.000
GR	603.100	517.000	605.700	518.000	607.200	522.000	607.300	581.000	608.000	700.000
GR	608.200	800.000	608.600	900.000	608.400	1000.000	0.000	0.000	0.000	0.000
X1	12880.000	18.000	500.000	522.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	420.000	0.000	635.000	0.000	0.000	0.000	0.000
GR	612.000	0.000	609.900	100.000	608.900	200.000	609.700	300.000	609.500	400.000
GR	609.100	450.000	607.400	500.000	602.700	504.000	602.600	507.000	602.900	512.000
GR	603.100	517.000	605.700	518.000	607.200	522.000	607.300	581.000	608.000	700.000
GR	608.200	800.000	608.600	900.000	608.400	1000.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.300	0.800	0.000	0.000	0.000	0.000	0.000
X1	12929.000	15.000	400.000	439.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	40.000	0.000	700.000	0.000	0.000	0.000	0.000
GR	610.500	0.000	610.600	100.000	610.700	200.000	610.900	300.000	611.100	350.000
GR	611.200	400.000	606.500	410.000	606.000	413.000	602.400	415.000	603.600	429.000
GR	606.700	430.000	611.200	439.000	611.100	480.000	610.500	600.000	610.000	700.000
SB	0.000	1.880	2.630	0.000	20.000	0.000	122.000	0.000	602.400	602.400
X1	12986.000	0.000	0.000	0.000	57.000	57.000	57.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	609.500	611.200	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	200.000	0.000	505.000	0.000	0.000	0.000	0.000
BT	4.000	400.000	611.200	0.000	410.000	611.200	609.400	430.000	611.200	609.500
BT	439.000	611.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF SB CF TELEGRAPH RD.									
X1	13035.000	18.000	500.000	522.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	300.000	0.000	705.000	0.000	0.000	0.000	0.000
GR	612.000	0.000	609.900	100.000	608.900	200.000	609.700	300.000	609.500	400.000
GR	609.100	450.000	607.400	500.000	602.700	504.000	602.600	507.000	602.900	512.000
GR	603.100	517.000	605.700	518.000	607.200	522.000	607.300	581.000	608.000	700.000
GR	608.200	800.000	608.600	900.000	608.400	1000.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF COOPER RD.									
X1	13335.000	17.000	500.000	546.000	350.000	300.000	300.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	80.000	0.000	730.000	0.000	0.000	0.000	0.000
GR	609.200	0.000	609.200	100.000	609.000	200.000	609.800	300.000	609.600	400.000
GR	608.600	500.000	608.200	504.000	604.600	508.000	603.000	508.000	602.300	514.000
GR	603.100	521.000	609.800	526.000	610.500	546.000	611.500	700.000	612.000	800.000

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GR	614.400	900.000	614.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	13434.000	19.000	400.000	430.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	608.800	0.000	609.000	100.000	609.100	200.000	609.000	300.000	609.400	350.000
GR	609.100	400.000	603.500	409.500	603.000	410.000	602.300	411.000	602.000	412.000
GR	601.800	414.000	602.000	416.000	602.300	417.000	602.800	418.000	603.500	418.500
GR	609.100	430.000	609.700	480.000	611.500	600.000	614.000	700.000	0.000	0.000
SB	0.000	1.880	2.630	0.000	9.000	0.000	45.000	0.000	601.800	601.800
X1	13476.000	0.000	6.000	0.000	42.000	42.000	42.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	608.200	609.100	0.000	0.000	0.000	0.000	0.000
ET	18.000	0.000	608.800	0.000	100.000	609.000	0.000	200.000	609.100	0.000
ET	300.000	609.000	0.000	400.000	609.100	0.000	409.500	609.100	603.500	410.000
ET	609.100	606.000	411.000	609.100	607.100	412.000	609.100	607.800	414.000	609.100
ET	608.100	416.000	609.100	607.800	417.000	609.100	607.100	418.000	609.100	606.000
ET	418.500	609.100	603.500	430.000	609.100	0.000	480.000	609.700	0.000	600.000
ET	611.500	0.000	700.000	614.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF COOPER RD.

X1	13575.000	17.000	500.000	546.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	609.200	0.000	609.200	100.000	609.000	200.000	609.800	300.000	609.600	400.000
GR	608.600	500.000	608.200	504.000	604.600	508.000	603.000	508.000	602.300	514.000
GR	603.100	521.000	609.800	526.000	610.500	546.000	611.500	700.000	612.000	800.000
GR	614.400	900.000	614.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF BAILY RD.

X1	14475.000	15.000	500.000	520.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	615.600	0.000	614.000	100.000	610.000	200.000	609.900	300.000	609.900	400.000
GR	609.900	500.000	607.700	505.000	603.900	507.000	603.200	512.000	604.000	517.000
GR	609.200	520.000	612.400	574.000	612.500	700.000	612.300	800.000	611.700	900.000
NC	0.055	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	14524.000	20.000	400.000	429.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	611.500	100.000	611.000	200.000	610.100	300.000	612.100	350.000
GR	612.300	400.000	605.000	410.000	603.800	411.000	603.400	412.000	603.000	414.000
GR	602.700	416.000	603.000	418.000	603.200	420.000	603.600	421.000	605.000	422.000
GR	612.200	429.000	612.000	479.000	612.000	600.000	611.500	700.000	611.300	800.000
SB	0.000	2.410	2.630	0.000	12.000	0.000	73.000	0.000	602.700	602.700
X1	14652.000	0.000	0.000	0.000	128.000	128.000	128.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	610.700	612.200	0.000	0.000	0.000	0.000	0.000
ET	19.000	0.000	612.000	0.000	100.000	611.500	0.000	200.000	611.000	0.000
ET	300.000	610.100	0.000	400.000	612.300	0.000	410.000	612.800	605.000	411.000
ET	612.900	608.000	412.000	613.000	609.000	414.000	613.000	610.300	416.000	613.100
ET	610.700	418.000	613.000	610.300	420.000	612.300	609.000	421.000	612.800	608.000
ET	422.000	612.700	605.000	429.000	612.200	0.000	479.000	612.000	0.000	600.000
ET	612.000	0.000	700.000	611.500	0.000	800.000	611.300	0.000	0.000	0.000

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NC	0.070	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF BAILY RD.									
X1	14701.000	15.000	500.000	520.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	615.600	0.000	614.000	100.000	610.000	200.000	609.900	300.000	609.900	400.000
GR	609.900	500.000	607.700	505.000	603.900	507.000	603.200	512.000	604.000	517.000
GR	609.200	520.000	612.400	574.000	612.500	700.000	612.300	800.000	611.700	900.000
	DOWNSTREAM OF WESTLAKE RD.									
X1	15601.000	17.000	500.000	524.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	614.600	0.000	614.400	100.000	614.200	200.000	614.000	300.000	612.000	400.000
GR	611.800	450.000	612.000	500.000	609.400	505.000	605.600	506.000	604.300	513.000
GR	604.700	519.000	607.800	520.000	611.100	524.000	611.100	582.000	612.000	700.000
GR	613.000	800.000	615.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	15750.000	17.000	400.000	440.000	149.000	149.000	149.000	0.000	0.000	0.000
GR	614.200	0.000	614.000	100.000	613.500	200.000	613.000	300.000	612.200	350.000
GR	610.200	400.000	607.500	412.000	606.200	413.000	605.700	415.000	605.300	418.000
GR	605.700	421.000	606.200	423.000	607.500	424.000	610.000	440.000	612.000	500.000
GR	613.000	600.000	614.500	700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.230	2.630	0.000	12.000	0.000	68.000	0.000	605.300	605.300
X1	15800.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	612.700	614.700	0.000	0.000	0.000	0.000	0.000
BT	16.000	0.000	614.200	0.000	100.000	614.000	0.000	200.000	614.100	0.000
BT	300.000	614.100	0.000	400.000	615.200	0.000	412.000	615.000	607.500	413.000
BT	615.000	610.200	415.000	614.900	612.000	418.000	614.900	612.700	421.000	614.800
BT	612.000	423.000	614.800	610.200	424.000	614.800	607.500	440.000	614.700	0.000
BT	500.000	614.000	0.000	600.000	614.000	0.000	700.000	614.500	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF WESTLAKE RD.									
X1	15849.000	17.000	500.000	524.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	50.000	0.000	850.000	0.000	0.000	0.000	0.000
GR	614.600	0.000	614.400	100.000	614.200	200.000	614.000	300.000	612.000	400.000
GR	611.800	450.000	612.000	500.000	609.400	505.000	605.600	506.000	604.300	513.000
GR	604.700	519.000	607.800	520.000	611.100	524.000	611.100	582.000	612.000	700.000
GR	613.000	800.000	615.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.500	0.000	0.000	0.000	0.000	0.000
X1	17575.000	15.000	400.000	422.000	1726.000	1726.000	1726.000	0.000	0.000	0.000
GR	616.000	0.000	614.600	100.000	613.700	200.000	613.000	300.000	613.900	400.000
GR	611.600	407.000	608.500	409.000	607.800	413.000	608.700	419.000	613.100	422.000
GR	613.300	450.000	612.000	500.000	612.700	600.000	613.200	700.000	613.600	800.000
NC	0.000	0.000	0.000	0.000	0.800	0.000	0.000	0.000	0.000	0.000
X1	17710.000	17.000	450.000	472.000	135.000	135.000	135.000	0.000	0.000	0.000
GR	617.000	0.000	616.400	100.000	615.300	200.000	614.400	300.000	614.700	400.000
GR	614.500	450.000	612.400	457.000	608.800	459.000	608.200	463.000	609.100	470.000
GR	613.800	472.000	613.900	490.000	613.500	500.000	613.800	600.000	614.300	700.000
GR	614.800	800.000	615.200	900.000	0.000	0.000	0.000	0.000	0.000	0.000

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X1	17850.000	16.000	500.000	525.000	140.000	140.000	140.000	0.000	-0.500	0.000
GR	618.000	0.000	618.000	100.000	617.000	200.000	616.000	300.000	615.600	400.000
GR	615.000	500.000	613.200	507.000	609.200	509.000	608.600	513.000	609.500	520.000
GR	613.200	522.000	614.600	525.000	615.000	580.000	615.400	700.000	616.000	800.000
GR	616.400	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	18100.000	0.000	0.000	0.000	250.000	250.000	250.000	0.000	0.300	0.000
X3	0.000	0.000	0.000	220.000	0.000	805.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF BEECH DALY RD.									
X1	18575.000	17.000	500.000	524.000	475.000	475.000	475.000	0.000	0.000	0.000
GR	619.600	0.000	619.600	100.000	619.400	200.000	617.900	300.000	617.700	400.000
GR	616.700	500.000	614.100	507.000	609.700	508.000	608.900	514.000	609.100	518.000
GR	611.200	520.000	614.600	524.000	616.300	581.000	616.000	700.000	617.700	800.000
GR	618.000	900.000	618.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	18624.000	15.000	418.000	433.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.600	0.000	618.400	100.000	618.200	200.000	617.500	300.000	614.000	400.000
GR	611.000	418.000	611.000	418.100	609.600	419.000	609.200	424.000	609.100	433.000
GR	609.100	433.100	612.000	446.000	613.000	496.000	616.000	600.000	617.000	700.000
SB	0.000	1.980	2.630	0.000	15.000	0.000	112.000	0.000	609.400	609.400
X1	18704.000	0.000	0.000	0.000	80.000	80.000	80.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	616.400	613.500	0.000	0.000	0.000	0.000	0.000
BT	13.000	0.000	618.600	0.000	100.000	618.400	0.000	200.000	618.200	0.000
BT	300.000	617.500	0.000	400.000	613.700	0.000	418.000	621.000	611.000	418.100
BT	621.000	616.400	433.000	621.000	616.400	433.100	621.000	609.100	446.000	618.500
BT	0.000	496.000	618.200	0.000	600.000	616.700	0.000	700.000	617.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF BEECH DALY RD.									
X1	18753.000	17.000	500.000	524.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	285.000	0.000	815.000	0.000	0.000	0.000	0.000
GR	619.600	0.000	619.600	100.000	619.400	200.000	617.900	300.000	617.700	400.000
GR	616.700	500.000	614.100	507.000	609.700	508.000	608.900	514.000	609.100	518.000
GR	611.200	520.000	614.600	524.000	616.300	581.000	616.000	700.000	617.700	800.000
GR	618.000	900.000	618.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF MC GUIRE RD.									
X1	19003.000	18.000	500.000	527.000	250.000	250.000	250.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	250.000	0.000	820.000	0.000	0.000	0.000	0.000
GR	618.500	0.000	618.500	100.000	620.000	200.000	618.300	300.000	618.000	400.000
GR	616.500	450.000	615.000	500.000	614.000	505.000	610.300	509.000	609.700	515.000
GR	610.300	521.000	615.800	527.000	617.300	557.000	618.000	600.000	618.400	700.000
GR	620.500	800.000	620.700	900.000	620.200	1000.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	19077.000	22.000	400.300	432.000	74.000	74.000	74.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	150.000	0.000	615.000	0.000	0.000	0.000	0.000
GR	619.500	0.000	618.300	100.000	616.000	200.000	614.000	300.000	613.500	350.000
GR	617.200	400.000	612.000	410.000	610.400	411.000	609.800	413.000	609.600	415.000
GR	609.500	416.000	609.600	417.000	609.300	419.000	610.200	421.000	612.000	422.000

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GR	612.200	425.000	613.000	432.000	614.000	482.000	615.000	532.000	617.800	600.000
GR	619.000	700.000	619.900	800.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.590	2.630	0.000	12.000	0.000	69.000	0.000	609.500	609.500
X1	19235.000	0.000	0.000	0.000	158.000	158.000	158.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	617.000	617.200	0.000	0.000	0.000	0.000	0.000
BT	21.000	0.000	619.500	0.000	100.000	618.800	0.000	200.000	618.200	0.000
ET	300.000	617.600	0.000	400.000	617.200	0.000	410.000	617.500	612.000	411.000
BT	617.500	614.200	413.000	617.500	616.200	415.000	617.600	616.900	416.000	617.600
ET	617.000	417.000	617.600	616.900	419.000	617.500	616.200	421.000	617.500	614.200
BT	422.000	617.400	612.000	425.000	617.400	0.000	432.000	617.200	0.000	482.000
ET	616.100	0.000	532.000	616.600	0.000	600.000	617.800	0.000	700.000	619.000
BT	0.000	800.000	619.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF MARVIN RD.									
X1	19384.000	17.000	500.000	529.000	149.000	149.000	149.000	0.000	0.000	0.000
GR	621.500	0.000	619.200	100.000	618.000	200.000	618.000	300.000	618.400	400.000
GR	617.700	450.000	617.600	500.000	614.000	507.000	610.100	514.000	610.400	520.000
GR	611.200	521.000	617.500	529.000	616.300	579.000	618.000	600.000	619.000	700.000
GR	622.000	800.000	621.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.055	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	19433.000	20.000	400.000	425.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	190.000	0.000	655.000	0.000	0.000	0.000	0.000
GR	620.000	0.000	619.000	100.000	618.100	200.000	618.500	300.000	617.600	350.000
GR	618.000	400.000	610.300	406.000	609.900	407.000	695.500	409.000	609.200	411.000
GR	609.100	412.000	609.200	413.000	609.500	415.000	610.000	417.000	610.800	418.000
GR	618.000	425.000	618.000	475.000	618.500	600.000	618.000	700.000	617.500	800.000
SB	0.000	3.190	3.000	0.000	12.000	0.000	76.000	0.000	609.100	609.100
X1	19677.000	0.000	0.000	0.000	244.000	244.000	244.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	617.200	618.000	0.000	0.000	0.000	0.000	0.000
BT	14.000	400.000	619.000	0.000	406.000	618.100	610.800	407.000	618.100	614.700
BT	409.000	618.200	616.500	411.000	618.200	617.100	412.000	618.200	617.200	413.000
BT	618.200	617.100	415.000	618.200	616.200	417.000	618.100	614.400	418.000	618.100
BT	610.800	425.000	613.000	0.000	475.000	620.000	0.000	600.000	618.500	0.000
ET	700.000	618.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF MARVIN RD.									
X1	19776.000	17.000	500.000	529.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	621.500	0.000	619.400	100.000	619.200	200.000	618.000	300.000	618.400	400.000
GR	617.700	450.000	617.600	500.000	614.000	507.000	610.100	514.000	610.400	520.000
GR	611.200	521.000	617.500	529.000	616.300	579.000	619.000	600.000	619.200	700.000
GR	620.000	800.000	621.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF FELLRATH RD.									
X1	19876.000	18.000	500.000	526.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	150.000	0.000	300.000	0.000	0.000	0.000	0.000
GR	623.700	0.000	622.300	100.000	619.000	200.000	618.800	300.000	618.600	400.000
GR	617.400	500.000	611.000	509.000	610.700	515.000	611.200	520.000	612.400	521.000
GR	616.500	526.000	618.500	533.000	619.300	567.000	619.300	573.000	619.200	700.000
GR	620.000	800.000	626.100	900.000	626.400	1000.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	19925.000	19.000	400.000	429.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.500	0.000	619.000	100.000	618.000	200.000	616.000	300.000	615.000	350.000
GR	614.000	400.000	612.500	408.000	611.500	409.000	611.000	410.000	610.700	412.000
GR	610.500	414.000	610.700	416.000	611.000	418.000	611.300	419.000	612.500	420.000
GR	615.000	429.000	617.000	479.000	623.000	600.000	623.000	700.000	0.000	0.000
SB	0.000	2.270	2.630	0.000	12.000	0.000	75.000	0.000	610.500	610.500
X1	20033.000	0.000	0.000	0.000	108.000	108.000	108.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	618.500	618.800	0.000	0.000	0.000	0.000	0.000
BT	18.000	0.000	620.500	0.000	100.000	619.000	0.000	200.000	620.000	0.000
BT	300.000	620.000	0.000	400.000	618.800	0.000	408.000	619.000	612.500	409.000
BT	619.000	615.700	410.000	619.100	617.000	412.000	619.200	618.000	414.000	619.200
BT	618.500	416.000	619.200	618.000	418.000	619.200	617.000	419.000	619.300	615.700
BT	420.000	619.300	612.500	429.000	619.300	0.000	479.000	619.000	0.000	600.000
BT	623.000	0.000	700.000	623.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF FELLRATH RD.

X1	20082.000	18.000	500.000	526.000	49.000	49.000	49.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	80.000	0.000	785.000	0.000	0.000	0.000	0.000
GR	623.700	0.000	622.300	100.000	621.500	200.000	619.000	300.000	618.600	400.000
GR	617.400	500.000	611.000	509.000	610.700	515.000	611.200	520.000	614.500	521.000
GR	616.500	526.000	618.500	533.000	619.300	567.000	619.500	573.000	619.600	700.000
GR	621.000	800.000	626.100	900.000	626.400	1000.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF HAROLD RD.

X1	20232.000	18.000	500.000	533.000	150.000	150.000	150.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	100.000	0.000	710.000	0.000	0.000	0.000	0.000
GR	622.200	0.000	622.100	100.000	621.000	200.000	619.700	300.000	619.700	400.000
GR	618.200	450.000	618.200	500.000	617.200	505.000	614.900	509.000	611.500	512.000
GR	611.300	515.000	611.700	520.000	617.000	527.000	619.000	533.000	620.000	700.000
GR	624.200	800.000	621.200	900.000	621.400	1000.000	0.000	0.000	0.000	0.000
NC	0.055	0.055	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	20281.000	19.000	409.500	420.500	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.000	0.000	619.000	100.000	619.000	200.000	618.000	300.000	617.000	350.000
GR	616.000	400.000	614.000	409.500	612.400	410.500	611.100	412.500	611.200	414.000
GR	611.200	415.000	611.200	416.000	611.200	417.500	611.600	419.500	614.000	420.500
GR	616.000	427.000	618.000	477.000	623.000	600.000	623.000	700.000	0.000	0.000
SB	0.000	2.300	2.630	0.000	11.000	0.000	62.000	0.000	612.000	612.000
X1	20385.000	0.000	0.000	0.000	104.000	104.000	104.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	619.200	619.400	0.000	0.000	0.000	0.000	0.000
BT	18.000	0.000	620.000	0.000	100.000	619.000	0.000	200.000	620.000	0.000
BT	300.000	620.000	0.000	400.000	619.400	0.000	409.500	619.400	614.000	410.500
BT	619.500	616.500	412.500	619.500	618.300	414.000	619.500	619.000	415.000	619.500
BT	619.200	416.000	619.500	619.200	417.500	619.500	619.000	419.500	619.500	617.000
BT	420.500	619.500	614.000	427.000	619.500	0.000	477.000	619.600	0.000	600.000
BT	623.000	0.000	700.000	623.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.055	0.055	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF HAROLD RD.									
X1	20434.000	18.000	500.000	533.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	622.200	0.000	622.100	100.000	621.000	200.000	620.000	300.000	619.700	400.000
GR	618.200	450.000	618.200	500.000	617.200	505.000	614.900	509.000	611.500	512.000
GR	611.300	515.000	611.700	520.000	617.000	527.000	619.000	533.000	620.000	700.000
GR	622.000	800.000	621.200	900.000	621.400	1000.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF LANGE RD.									
X1	21554.000	16.000	500.000	526.000	1120.000	1120.000	1120.000	0.000	0.000	0.000
GR	623.000	0.000	623.000	100.000	622.500	200.000	621.000	300.000	620.600	400.000
GR	620.000	450.000	619.500	500.000	613.900	510.000	613.800	515.000	614.300	519.000
GR	619.700	526.000	618.000	600.000	620.000	700.000	620.500	800.000	620.800	900.000
GR	621.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	21653.000	15.000	400.000	431.000	99.000	99.000	99.000	0.000	0.000	0.000
X4	1.000	614.900	422.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	620.800	0.000	620.600	100.000	619.000	200.000	618.000	300.000	617.000	350.000
GR	616.000	400.000	614.300	411.000	614.100	412.000	611.400	417.000	611.900	419.000
GR	614.900	423.000	616.000	431.000	618.000	600.000	620.700	700.000	621.000	1000.000
SB	0.000	1.680	2.630	0.000	12.000	0.000	82.000	0.000	611.400	611.400
X1	21670.000	0.000	0.000	0.000	17.000	17.000	17.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	619.700	620.800	0.000	0.000	0.000	0.000	0.000
BT	9.000	0.000	620.800	0.000	400.000	620.800	0.000	411.000	620.800	614.300
BT	412.000	620.800	619.700	422.000	620.800	619.700	423.000	620.800	614.900	431.000
BT	620.800	0.000	600.000	620.500	0.000	1000.000	621.000	0.000	0.000	0.000
NC	0.060	0.060	0.035	0.300	0.700	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF LANGE RD.									
X1	21719.000	16.000	500.000	526.000	49.000	49.000	49.000	0.000	-0.500	0.000
GR	623.000	0.000	622.000	100.000	621.500	200.000	621.000	300.000	620.600	400.000
GR	620.000	450.000	619.500	500.000	613.900	510.000	613.800	515.000	614.300	519.000
GR	619.700	526.000	618.000	600.000	620.000	700.000	620.500	800.000	620.800	900.000
GR	621.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	22670.000	0.000	0.000	0.000	1000.000	1000.000	1000.000	0.000	1.900	0.000
	DOWNSTREAM OF INKSTER RD.									
X1	24069.000	17.000	500.000	531.000	1350.000	1350.000	1350.000	0.000	0.000	0.000
GR	625.100	0.000	624.800	100.000	624.500	200.000	624.400	300.000	624.000	400.000
GR	623.600	450.000	622.500	500.000	619.500	508.000	617.300	513.000	617.100	518.000
GR	617.800	523.000	623.100	531.000	623.500	550.000	622.000	700.000	622.800	800.000
GR	625.400	900.000	623.100	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

DOWNSTREAM OF ALLEN ROAD

0.00	9.40	598.00	0.00	598.00	598.13	0.13	0.00	0.00	596.40
660.	16.	633.	11.	36.	213.	16.	0.	0.	595.90
0.00	0.45	2.98	0.69	0.070	0.035	0.055	0.000	588.60	555.56
0.000616	0.	0.	0.	0	0	0	0.00	99.44	655.00

CCHV= 0.300 CEHV= 0.500

*SECNO 49.000

3470 ENCROACHMENT STATIONS= 385.0 605.0 TYPE= 1 TARGET= 220.000

49.00	3.32	598.02	0.00	0.00	598.16	0.14	0.02	0.01	598.60
660.	0.	660.	0.	0.	216.	0.	0.	0.	598.10
0.00	0.00	3.06	0.00	0.000	0.027	0.000	0.000	589.70	400.97
0.000375	49.	49.	49.	1	0	0	0.00	39.91	440.88

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.29	2.63	0.00	14.00	0.00	78.00	0.00	589.70	589.70

*SECNO 145.000

3280 CROSS SECTION 145.00 EXTENDED 0.64 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
600.56	598.16	0.00	120.	537.	78.	81.	595.50	598.40

3470 ENCROACHMENT STATIONS= 335.0 500.0 TYPE= 1 TARGET= 165.000

145.00	9.94	599.64	0.00	0.00	599.70	0.07	1.54	0.00	598.60
660.	15.	609.	36.	63.	282.	89.	1.	0.	598.10
0.02	0.24	2.16	0.41	0.070	0.027	0.055	0.000	589.70	335.00
0.000137	96.	96.	96.	2	0	2	0.00	165.00	500.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 194.000

UPSTREAM OF ALLEN ROAD

194.00	11.05	599.65	0.00	0.00	599.71	0.06	0.01	0.00	596.40
660.	49.	593.	18.	147.	278.	50.	1.	0.	595.90
0.02	0.34	2.13	0.37	0.070	0.027	0.070	0.000	588.60	509.76
0.000131	49.	49.	49.	0	0	0	0.00	157.02	666.78

*SECNO 994.000

3470 ENCROACHMENT STATIONS= 322.0 777.0 TYPE= 1 TARGET= 455.000

DOWNSTREAM OF PRIVATE ROAD

994.00	9.57	599.77	0.00	0.00	599.79	0.02	0.07	0.00	596.20
660.	143.	268.	249.	431.	169.	697.	18.	6.	595.50
0.29	0.33	1.58	0.36	0.070	0.027	0.070	0.000	590.20	322.00
0.000067	300.	800.	800.	1	0	0	0.00	455.00	777.00

CCHV= 0.300 CEHV= 0.500

*SECNO 1043.000

3470 ENCROACHMENT STATIONS= 168.0 598.0 TYPE= 1 TARGET= 430.000

1043.00	9.77	599.77	0.00	0.00	599.79	0.02	0.00	0.00	597.00
660.	206.	397.	56.	655.	296.	160.	19.	7.	596.80
0.30	0.32	1.34	0.35	0.070	0.035	0.070	0.000	590.00	168.00
0.000077	49.	49.	49.	0	0	0	0.00	430.00	598.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	22.00	0.00	110.00	0.00	590.00	590.00

*SECNO 1062.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
600.65	599.79	0.00	530.	128.	110.	119.	595.40	596.80

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=			174.0	594.0	TYPE=	1	TARGET=	420.000	
1062.00	9.79	599.79	0.00	0.00	599.81	0.02	0.02	0.00	597.00
660.	209.	397.	54.	659.	297.	152.	20.	7.	596.80
0.31	0.32	1.34	0.35	C.070	0.035	0.070	0.000	590.00	174.00
0.000076	19.	19.	19.	1	0	6	0.00	420.00	594.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 1111.000									
3470 ENCROACHMENT STATIONS=			353.0	748.0	TYPE=	1	TARGET=	395.000	
UPSTREAM OF PRIVATE ROAD									
DOWNSTREAM OF PRIVATE ROAD									
1111.00	9.60	599.80	0.00	0.00	599.81	0.01	0.00	0.00	596.20
660.	157.	228.	275.	409.	17C.	679.	21.	7.	595.50
0.32	0.38	1.34	0.40	C.070	0.035	0.070	0.000	590.20	353.00
0.000081	49.	49.	49.	0	0	0	0.00	395.00	748.00
*SECNO 1112.000									
3470 ENCROACHMENT STATIONS=			353.0	748.0	TYPE=	1	TARGET=	395.000	
1112.00	10.10	599.80	C.00	C.00	599.81	0.01	0.00	0.00	596.70
660.	164.	247.	249.	385.	180.	584.	21.	7.	597.00
0.33	0.43	1.37	0.43	C.070	0.035	0.070	0.000	589.70	353.00
0.000109	1.	1.	1.	0	0	0	0.00	395.00	748.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 1160.000									
3470 ENCROACHMENT STATIONS=			200.0	570.0	TYPE=	1	TARGET=	370.000	
1160.00	9.40	599.80	0.00	0.00	599.82	0.02	0.01	0.01	596.80
660.	109.	434.	117.	322.	286.	300.	22.	8.	596.70
0.34	0.34	1.52	0.39	0.070	0.035	0.070	0.000	590.40	209.80
0.000103	48.	48.	48.	0	0	0	0.00	360.20	570.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	95.00	0.00	590.40	590.40

*SECNO 1173.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
600.97	599.82	0.00	524.	135.	95.	101.	596.00	596.70

3470 ENCROACHMENT STATIONS=			200.0	570.0	TYPE=	1	TARGET=	370.000	
1173.00	9.42	599.82	0.00	0.00	599.85	0.02	0.02	0.00	596.80
660.	110.	432.	117.	325.	287.	302.	22.	8.	596.70
0.34	0.34	1.51	0.39	0.070	0.035	0.070	0.000	590.40	208.82
0.000102	13.	13.	13.	2	0	6	0.00	361.17	570.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1222.000

3470 ENCROACHMENT STATIONS=			315.0	785.0	TYPE=	1	TARGET=	470.000	
UPSTREAM OF PRIVATE ROAD									
1222.00	10.14	599.84	0.00	0.00	599.85	0.01	0.01	0.00	596.70
660.	166.	243.	251.	421.	181.	623.	24.	8.	597.00
0.36	0.39	1.34	0.40	0.070	0.035	0.070	0.000	589.70	315.00
0.000104	49.	49.	49.	1	0	0	0.00	470.00	785.00

*SECNO 1282.000

3470 ENCROACHMENT STATIONS=			205.0	645.0	TYPE=	1	TARGET=	440.000	
DOWNSTREAM OF JACKSON RD.									
1282.00	9.85	599.85	0.00	0.00	599.86	0.01	0.01	0.00	594.80
660.	309.	213.	137.	725.	145.	322.	25.	9.	595.70
0.38	0.43	1.47	0.43	0.070	0.035	0.070	0.000	590.00	205.00
0.000104	60.	60.	60.	0	0	0	0.00	440.00	645.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1331.000

3470 ENCROACHMENT STATIONS= 227.0 641.0 TYPE= 1 TARGET= 414.000

1331.00	11.34	599.84	0.00	0.00	599.87	0.03	0.00	0.01	596.90
660.	178.	388.	94.	487.	228.	345.	27.	9.	597.10
0.39	0.37	1.70	0.27	0.070	0.027	0.070	0.000	588.50	227.00
0.000076	49.	49.	49.	0	0	0	0.00	414.00	641.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.78	2.63	0.00	12.00	0.00	74.00	0.00	588.50	588.50

*SECNO 1373.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
602.04	599.87	0.00	576.	82.	74.	96.	596.50	596.90

3470 ENCROACHMENT STATIONS= 238.0 631.0 TYPE= 1 TARGET= 393.000

1373.00	11.35	599.85	0.00	0.00	599.88	0.03	0.01	0.00	596.90
660.	172.	394.	94.	461.	228.	337.	28.	10.	597.10
0.40	0.37	1.73	0.28	0.070	0.027	0.070	0.000	588.50	238.00
0.000078	42.	42.	42.	2	0	6	0.00	393.00	631.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1422.000

3470 ENCROACHMENT STATIONS= 241.0 609.0 TYPE= 1 TARGET= 368.000
UPSTREAM OF JACKSON RD.

1422.00	9.86	599.86	0.00	0.00	599.88	0.02	0.00	0.00	594.80
660.	283.	260.	118.	688.	145.	275.	29.	10.	595.70
0.42	0.41	1.79	0.43	0.070	0.027	0.070	0.000	590.00	241.00
0.000091	49.	49.	49.	0	0	0	0.00	368.00	609.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2022.000

3470 ENCROACHMENT STATIONS= 470.0 557.0 TYPE= 1 TARGET= 87.000

DOWNSTREAM OF D.T.I.RR.

2022.00	8.68	599.88	0.00	0.00	600.01	0.13	0.09	0.03	599.10
660.	1.	658.	1.	7.	224.	5.	38.	13.	599.10
0.47	0.21	2.93	0.21	0.070	0.027	0.070	0.000	591.20	483.09
0.000335	600.	600.	600.	2	0	0	0.00	69.99	553.08

CCHV= 0.300 CEHV= 0.500

*SECNO 2071.000

2071.00	8.19	599.99	0.00	0.00	600.04	0.06	0.01	0.02	608.70
660.	0.	660.	0.	0.	341.	0.	38.	13.	608.50
0.48	0.00	1.93	0.00	0.000	0.027	0.000	0.000	591.80	509.88
0.000124	49.	49.	49.	2	0	0	0.00	56.70	566.58

SPECIAL BRIDGE

SB XK	XKOR	CQFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.95	1.83	2.63	0.00	30.00	2.00	207.00	0.00	591.80	591.80

*SECNO 2133.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
600.27	600.05	0.00	0.	660.	207.	216.	599.50	608.50

2133.00	8.42	600.22	0.00	0.00	600.27	0.05	0.23	0.00	608.70
660.	0.	660.	0.	0.	355.	0.	39.	13.	603.50
0.49	0.00	1.86	0.00	0.000	0.027	0.000	0.000	591.80	509.46
0.000111	62.	62.	62.	2	0	0	0.00	57.52	566.98

CCHV= 0.100 CEHV= 0.300

*SECNO 2282.000

3470 ENCROACHMENT STATIONS= 354.0 560.0 TYPE= 1 TARGET= 206.000

UPSTREAM OF D.T.I.RR.

2282.00	9.00	600.20	0.00	0.00	600.32	0.12	0.02	0.02	599.10
660.	3.	655.	2.	13.	237.	9.	40.	14.	599.10
0.51	0.24	2.76	0.24	0.070	0.027	0.070	0.000	591.20	476.07
0.000274	149.	149.	149.	2	0	0	0.00	82.01	558.09

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2562.000

3470 ENCROACHMENT STATIONS= 288.0 354.0 TYPE= 1 TARGET= 66.000

DOWNSTREAM OF HURON RD.

2562.00	8.53	600.23	0.00	0.00	600.48	0.24	0.12	0.04	602.70
660.	0.	660.	0.	0.	166.	0.	41.	14.	601.40
0.52	0.00	3.96	0.00	0.000	0.027	0.000	0.000	591.70	305.89
0.000774	280.	280.	280.	2	0	0	0.00	34.20	340.09

*SECNO 2611.000

3470 ENCROACHMENT STATIONS= 300.0 342.0 TYPE= 1 TARGET= 42.000

2611.00	8.40	600.40	0.00	0.00	600.51	0.12	0.02	0.01	602.70
660.	0.	660.	0.	0.	242.	0.	41.	14.	100000.00
0.53	0.00	2.73	0.00	0.000	0.027	0.000	0.000	592.00	303.37
0.000296	49.	49.	49.	2	0	0	0.00	37.78	341.16

CCHV= 0.300 CEHV= 0.500

*SECNO 2613.000

3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD= 602.30 MAX ELLC= 599.50

2613.00	8.28	600.28	0.00	0.00	600.63	0.36	0.00	0.12	602.70
660.	0.	660.	0.	0.	138.	0.	41.	14.	602.70
0.53	0.00	4.79	0.00	0.000	0.027	0.000	0.000	592.00	303.55
0.002680	2.	2.	2.	2	0	0	-99.35	37.57	341.11

*SECNO 2649.000

3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD= 602.60 MAX ELLC= 599.50

3470 ENCROACHMENT STATIONS= 300.0 342.0 TYPE= 1 TARGET= 42.000

2649.00	8.37	600.37	0.00	0.00	600.73	0.36	0.10	0.00	602.70
660.	0.	660.	0.	0.	138.	0.	42.	14.	100000.00
0.53	0.00	4.79	0.00	0.000	0.027	0.000	0.000	592.00	303.40
0.002680	36.	36.	36.	2	0	0	-102.98	37.74	341.15

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 2651.000

3470 ENCROACHMENT STATIONS=			300.0	342.0	TYPE=	1	TARGET=	42.000	
2651.00	8.65	600.65	0.00	0.00	600.76	0.11	0.00	0.02	602.70
660.	0.	660.	0.	0.	251.	0.	42.	14.	100000.00
0.53	0.00	2.63	0.00	0.000	0.027	0.000	0.000	592.00	303.00
0.000265	2.	2.	2.	2	0	0	0.00	38.25	341.25

*SECNO 2700.000

3470 ENCROACHMENT STATIONS=			286.0	356.0	TYPE=	1	TARGET=	70.000	
UPSTREAM OF HURCN RD.									
2700.00	8.90	600.60	0.00	0.00	600.80	0.21	0.02	0.03	602.40
660.	0.	660.	0.	0.	180.	0.	42.	14.	601.40
0.54	0.00	3.66	0.00	0.000	0.027	0.000	0.000	591.70	304.51
0.000635	49.	49.	49.	2	0	0	0.00	36.18	340.69

*SECNO 3800.000

3470 ENCROACHMENT STATIONS=			480.0	550.0	TYPE=	1	TARGET=	70.000	
DOWNSTREAM OF I-75 EXIT RAMP									
3800.00	8.07	601.07	0.00	0.00	601.15	0.08	0.33	0.01	598.00
660.	30.	622.	8.	57.	260.	20.	48.	15.	598.60
0.67	0.52	2.39	0.43	0.070	0.027	0.070	0.000	593.00	480.00
0.000176	1100.	1100.	1100.	2	0	0	0.00	70.00	550.00

*SECNO 3849.000

3849.00	7.17	601.07	0.00	0.00	601.16	0.10	0.01	0.00	606.10
660.	0.	660.	0.	0.	264.	0.	49.	15.	606.10
0.68	0.00	2.50	0.00	0.000	0.027	0.000	0.000	593.90	500.00
0.000240	49.	49.	49.	1	0	0	0.00	46.00	546.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3851.000

3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10

3851.00	7.10	601.00	0.00	0.00	601.23	0.24	0.00	0.07	606.10
660.	0.	660.	0.	0.	159.	0.	49.	15.	606.10
0.68	0.00	3.90	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000314	2.	2.	2.	2	0	0	-91.39	46.00	546.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3893.000									
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10									
3893.00	7.11	601.01	0.00	0.00	601.25	0.24	0.01	0.00	606.10
660.	0.	660.	0.	0.	169.	0.	49.	16.	606.10
0.68	0.00	3.89	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000313	42.	42.	42.	0	0	0	-91.64	46.00	546.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3895.000									
3895.00	7.27	601.17	0.00	0.00	601.26	0.09	0.00	0.01	606.10
660.	0.	660.	0.	0.	268.	0.	49.	16.	606.10
0.68	0.00	2.46	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000071	2.	2.	2.	2	0	0	0.00	46.00	546.00
*SECNO 3929.000									
3470 ENCROACHMENT STATIONS= 488.0 553.0 TYPE= 1 TARGET= 65.000									
UPSTREAM OF I-75 EXIT RAMP									
DOWNSTREAM OF N+S BOUND I-75									
3929.00	8.17	601.17	0.00	0.00	601.26	0.09	0.00	0.00	598.00
660.	10.	642.	7.	37.	265.	28.	49.	16.	598.60
0.68	0.29	2.43	0.26	0.070	0.015	0.070	0.000	593.00	488.00
0.000055	34.	34.	34.	0	0	0	0.00	65.00	553.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3978.000									
3978.00	7.45	601.15	0.00	0.00	601.30	0.15	0.01	0.03	613.30
660.	0.	660.	0.	0.	211.	0.	49.	16.	612.30
0.69	0.00	3.13	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000426	49.	49.	49.	2	0	0	0.00	39.00	439.00
SPECIAL BRIDGE									

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	2.60	2.63	0.00	22.00	1.00	177.00	0.00	594.00	594.00

*SECNO 4200.000
CLASS A LOW FLOW

3420 BRIDGE W.S.= 601.12 BRIDGE VELOCITY=, 4.41 CALCULATED CHANNEL AREA=, 150.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD
0.00	601.31	0.01	0.	660.	177.	172.	602.20	612.30

4200.00	7.46	601.16	0.00	0.00	601.31	0.15	0.01	0.00	613.30
660.	0.	660.	0.	0.	211.	0.	50.	16.	612.30
0.71	0.00	3.13	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000424	222.	222.	222.	0	0	0	0.00	39.00	439.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4249.000

3470 ENCROACHMENT STATIONS= 450.0 587.0 TYPE= 1 TARGET= 137.000
UPSTREAM OF N+S BOUND I-75

4249.00	8.28	601.28	0.00	0.00	601.33	0.05	0.01	0.01	598.00
660.	62.	545.	53.	139.	269.	122.	51.	16.	598.60
0.71	0.45	2.03	0.44	0.070	0.027	0.070	0.000	593.00	450.00
0.000121	49.	49.	49.	2	0	0	0.00	137.00	587.00

*SECNO 4749.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 170.0 575.0 TYPE= 1 TARGET= 505.000
DOWNSTREAM OF SEAWAY ROAD

4749.00	7.61	601.31	0.00	0.00	601.47	0.16	0.11	0.03	598.90
660.	32.	620.	8.	77.	190.	20.	56.	18.	599.70
0.76	0.41	3.27	0.40	0.070	0.027	0.070	0.000	593.70	275.23
0.000483	500.	500.	500.	2	0	0	0.00	259.58	564.78

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4798.000

3470 ENCROACHMENT STATIONS= 185.0 665.0 TYPE= 1 TARGET= 480.000

4798.00	106.98	601.48	0.00	0.00	601.52	0.05	0.03	0.03	603.00
660.	0.	660.	0.	0.	377.	0.	56.	18.	603.40
0.77	0.00	1.75	0.00	0.000	0.027	0.000	0.000	494.50	401.20
0.000574	49.	49.	49.	2	0	0	0.00	40.34	441.53

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.63	0.00	29.00	0.00	146.00	0.00	594.20	594.20

*SECNO 4855.000
PRESS FLOW BECAUSE EGLWC OF 701.22 EXCEEDS 1.5 DEPTH
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
601.99	701.22	0.00	0.	660.	146.	189.	600.70	603.00

3470 ENCROACHMENT STATIONS= 200.0 650.0 TYPE= 1 TARGET= 450.000

4855.00	107.45	601.95	0.00	0.00	601.99	0.04	0.47	0.00	603.00
660.	0.	660.	0.	0.	396.	0.	56.	18.	603.40
0.78	0.00	1.67	0.00	0.000	0.027	0.000	0.000	494.50	400.83
0.000490	57.	57.	57.	2	0	0	0.00	41.31	442.14

CCHV= 0.100 CEHV= 0.300
*SECNO 4904.000

3470 ENCROACHMENT STATIONS= 215.0 640.0 TYPE= 1 TARGET= 425.000
UPSTREAM OF SEAWAY ROAD

4904.00	8.23	601.93	0.00	0.00	602.02	0.09	0.02	0.01	598.90
660.	84.	562.	14.	245.	215.	38.	57.	19.	599.70
0.78	0.34	2.62	0.37	0.070	0.027	0.070	0.000	593.70	215.00
0.000263	49.	49.	49.	2	0	0	0.00	359.34	574.34

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5604.000

3470 ENCROACHMENT STATIONS= 477.0 552.0 TYPE= 1 TARGET= 75.000
DOWNSTREAM OF R.R.BRIDGE

5604.00	7.22	602.12	0.00	0.00	602.37	0.25	0.30	0.05	600.30
660.	32.	598.	29.	39.	142.	37.	63.	22.	600.30
0.83	0.83	4.21	0.79	0.070	0.027	0.070	0.000	594.90	477.00
0.000812	700.	700.	700.	2	0	0	0.00	75.00	552.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5668.000

5668.00	6.85	602.15	0.00	0.00	602.40	0.25	0.03	0.00	610.60
660.	0.	660.	0.	0.	165.	0.	63.	22.	610.60
0.84	0.00	4.01	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000370	64.	64.	64.	0	0	0	0.00	41.36	441.36

SPECIAL BRIDGE

SB XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.95	1.56	2.63	0.00	14.50	2.00	402.00	2.00	595.30	595.30

*SECNO 5684.000
CLASS A LOW FLOW

3420 BRIDGE W.S.= 602.12 BRIDGE VELOCITY=, 3.70 CALCULATED CHANNEL AREA=, 178.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD
0.00	602.42	0.02	0.	660.	402.	456.	607.60	610.60

5684.00	6.88	602.18	0.00	0.00	602.42	0.25	0.02	0.00	610.60
660.	0.	660.	0.	0.	166.	0.	63.	22.	610.60
0.84	0.00	3.98	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000364	16.	16.	16.	0	0	0	0.00	41.41	441.41

CCHV= 0.100 CEHV= 0.300
*SECNO 5733.000

3470 ENCROACHMENT STATIONS= 440.0 582.0 TYPE= 1 TARGET= 142.000
UPSTREAM OF R.R.BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
5733.00	7.32	602.22	0.00	0.00	602.44	0.22	0.02	0.00	600.30
660.	47.	581.	31.	97.	145.	72.	63.	22.	600.30
0.84	0.49	4.01	0.43	0.070	0.017	0.070	0.000	594.90	440.00
0.000284	49.	49.	49.	2	0	0	0.00	142.00	582.00

*SECNO 5833.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 340.0 682.0 TYPE= 1 TARGET= 342.000
DOWNSTREAM OF EURIKA ROAD

5833.00	6.70	602.20	0.00	0.00	602.50	0.30	0.03	0.02	603.30
660.	0.	660.	0.	3.	150.	0.	64.	23.	602.60
0.85	0.10	4.39	0.00	0.070	0.017	0.000	0.000	595.50	379.74
0.000431	100.	100.	100.	2	0	0	0.00	68.74	538.01

CCHV= 0.300 CEHV= 0.500
*SECNO 5882.000

3265 DIVIDED FLOW

3230 CROSS SECTION 5882.00 EXTENDED 6.00 FEET

3470 ENCROACHMENT STATIONS= 100.0 522.0 TYPE= 1 TARGET= 422.000

5882.00	6.00	602.50	0.00	0.00	602.58	0.08	0.02	0.07	602.90
660.	0.	652.	8.	0.	286.	30.	64.	23.	603.50
0.85	0.00	2.28	0.26	0.000	0.027	0.060	0.000	596.50	301.07
0.000238	49.	49.	49.	2	0	0	0.00	130.26	522.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.63	2.63	0.00	36.00	0.00	125.00	0.00	596.00	596.00

*SECNO 5984.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 5984.00 EXTENDED 6.80 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
603.64	602.04	0.00	101.	554.	125.	151.	600.20	602.90

3470 ENCROACHMENT STATIONS= 35.0 650.0 TYPE= 1 TARGET= 615.000

5984.00	6.79	603.29	0.00	0.00	603.31	0.02	0.72	0.00	602.90
660.	5.	412.	243.	53.	337.	602.	66.	23.	603.50
0.89	0.09	1.22	0.40	0.060	0.027	0.060	0.000	596.50	133.78
0.000059	102.	102.	102.	1	0	3	0.00	498.51	650.00

CCHV= 0.100 CEHV= 0.300

*SECNO 6033.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 150.0 740.0 TYPE= 1 TARGET= 590.000

UPSTREAM OF EURIKA ROAD

6033.00	7.71	603.21	0.00	0.00	603.35	0.14	0.01	0.04	603.30
660.	51.	589.	20.	126.	188.	71.	66.	24.	602.60
0.89	0.40	3.13	0.28	0.060	0.027	0.060	0.000	595.50	247.08
0.000455	49.	49.	49.	2	0	0	0.00	483.91	740.00

*SECNO 6533.000

3470 ENCROACHMENT STATIONS= 355.0 695.0 TYPE= 1 TARGET= 340.000

DOWNSTREAM OF RACHO ROAD

6533.00	8.24	603.44	0.00	0.00	603.48	0.04	0.12	0.01	601.50
660.	112.	374.	174.	253.	180.	353.	73.	29.	601.30
0.99	0.44	2.03	0.49	0.060	0.027	0.060	0.000	595.20	355.00
0.000147	500.	500.	500.	2	0	0	0.00	340.00	695.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 6582.000

3265 DIVIDED FLOW

3280 CROSS SECTION 6582.00 EXTENDED 0.31 FEET

3470 ENCROACHMENT STATIONS= 140.0 455.0 TYPE= 1 TARGET= 315.000

6582.00	8.11	603.31	0.00	0.00	603.63	0.32	0.02	0.14	604.50
660.	2.	655.	3.	10.	145.	9.	74.	29.	604.50
0.99	0.23	4.53	0.33	0.060	0.027	0.060	0.000	595.20	147.74
0.001001	49.	49.	49.	2	0	0	0.00	125.75	455.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	10.00	0.00	51.00	0.00	595.20	595.20

*SECNO 6690.000
6870 D.S. ENERGY OF 603.63 HIGHER THAN COMPUTED ENERGY OF 603.62

3265 DIVIDED FLOW

3280 CROSS SECTION 6690.00 EXTENDED 0.31 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	AREA	TRAPEZOID AREA	ELLC	ELTRD
609.58	603.63	0.00	517.	146.	51.	64.	601.60	604.50

3470 ENCROACHMENT STATIONS= 170.0 430.0 TYPE= 1 TARGET= 260.000

6690.00	8.11	603.31	0.00	0.00	603.63	0.32	0.00	0.00	604.50
660.	2.	658.	0.	8.	145.	0.	74.	29.	604.50
1.00	0.27	4.55	0.11	0.060	0.027	0.060	0.000	595.20	170.00
0.001012	108.	108.	108.	2	0	6	0.00	78.09	430.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

CCHV= 0.100 CEHV= 0.300
*SECNO 6739.000
3280 CROSS SECTION 6739.00 EXTENDED 0.13 FEET

3470 ENCROACHMENT STATIONS= 407.0 643.0 TYPE= 1 TARGET= 236.000
UPSTREAM OF RACHO ROAD

6739.00	8.43	603.63	0.00	0.00	603.67	0.05	0.02	0.03	601.50
660.	102.	404.	154.	201.	186.	278.	75.	29.	601.30
1.01	0.51	2.18	0.55	0.060	0.027	0.060	0.000	595.20	407.00
0.000155	49.	49.	49.	2	0	0	0.00	236.00	643.00

*SECNO 7439.000

3470 ENCROACHMENT STATIONS= 480.0 560.0 TYPE= 1 TARGET= 80.000
DOWNSTREAM OF DRIVE TO SHOPPING CENTER

7439.00	7.77	603.47	0.00	0.00	603.90	0.43	0.11	0.11	605.20
660.	0.	660.	0.	0.	126.	0.	77.	30.	603.60
1.02	0.00	5.24	0.00	0.000	0.027	0.000	0.000	595.70	504.43
0.001684	300.	300.	300.	2	0	0	0.00	29.21	533.64

CCHV= 0.300 CEHV= 0.500
*SECNO 7488.000

7488.00	6.62	603.92	0.00	0.00	604.02	0.10	0.03	0.10	607.50
660.	0.	660.	0.	0.	257.	0.	77.	30.	607.90
1.03	0.00	2.57	0.00	0.000	0.027	0.000	0.000	597.30	205.19
0.000259	49.	49.	49.	2	0	0	0.00	47.17	252.36

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.71	2.63	0.00	32.00	0.00	107.00	0.00	597.30	597.30

*SECNO 7580.000
PRESSURE FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.93	604.02	0.00	0.	660.	107.	157.	602.20	607.50

3470 ENCROACHMENT STATIONS= 150.0 386.0 TYPE= 1 TARGET= 236.000

7580.00	7.55	604.85	0.00	0.00	604.93	0.07	0.91	0.00	607.50
660.	0.	660.	0.	0.	302.	0.	78.	30.	607.90
1.04	0.00	2.18	0.00	0.000	0.027	0.000	0.000	597.30	203.84
0.000162	92.	92.	92.	2	0	0	0.00	49.38	253.22

CCHV= 0.100 CEHV= 0.300
*SECNO 7629.000

3470 ENCROACHMENT STATIONS= 402.0 645.0 TYPE= 1 TARGET= 243.000
UPSTREAM OF DRIVE TO SHOPPING CENTER

7629.00	9.06	604.76	0.00	0.00	604.99	0.23	0.01	0.05	605.20
660.	0.	647.	13.	0.	166.	29.	78.	31.	603.60
1.05	0.00	3.89	0.47	0.000	0.027	0.060	0.000	595.70	501.13
0.000739	49.	49.	49.	2	0	0	0.00	82.15	583.29

*SECNO 8001.000
DOWNSTREAM OF SHOPPING CENTER DRIVE

8001.00	9.04	605.04	0.00	0.00	605.19	0.15	0.19	0.01	605.70
660.	0.	660.	0.	0.	211.	0.	80.	31.	608.40
1.08	0.00	3.13	0.00	0.000	0.027	0.000	0.000	596.00	500.96
0.000381	372.	372.	372.	2	0	0	0.00	36.83	537.79

CCHV= 0.300 CEHV= 0.500
*SECNO 8050.000

3470 ENCROACHMENT STATIONS= 290.0 545.0 TYPE= 1 TARGET= 255.000

8050.00	8.94	605.14	0.00	0.00	605.22	0.08	0.01	0.02	608.50
660.	0.	660.	0.	0.	291.	0.	80.	31.	609.10
1.08	0.00	2.27	0.00	0.000	0.027	0.000	0.000	596.20	404.70
0.000196	49.	49.	49.	2	0	0	0.00	47.33	452.03

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	28.00	0.00	130.00	0.00	596.20	596.20

*SECNO 8163.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.85	605.22	0.00	0.	660.	130.	185.	602.80	608.50

3470 ENCROACHMENT STATIONS=		280.0	560.0	TYPE=	1	TARGET=	280.000		
8163.00	9.59	605.79	0.00	0.00	605.85	0.07	0.63	0.00	608.50
660.	0.	660.	0.	0.	322.	0.	81.	31.	609.10
1.10	0.00	2.05	0.00	0.000	0.027	0.000	0.000	596.20	403.80
0.000147	113.	113.	113.	2	0	0	0.00	49.20	453.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8212.000

3470 ENCROACHMENT STATIONS=		334.0	589.0	TYPE=	1	TARGET=	255.000		
UPSTREAM OF SHOPPING CENTER DRIVE									
8212.00	9.76	605.76	0.00	0.00	605.83	0.12	0.01	0.02	605.70
660.	0.	660.	0.	0.	238.	0.	81.	31.	608.40
1.10	0.00	2.77	0.00	0.000	0.027	0.000	0.000	596.00	499.44
0.000274	49.	49.	49.	2	0	0	0.00	39.47	538.91

*SECNO 8537.000

DOWNSTREAM OF SHOPPING CENTER DRIVE									
8537.00	8.19	605.79	0.00	0.00	606.09	0.30	0.16	0.05	607.40
660.	0.	660.	0.	0.	150.	0.	83.	32.	609.00
1.13	0.00	4.41	0.00	0.000	0.027	0.000	0.000	597.60	402.55
0.001087	325.	325.	325.	2	0	0	0.00	31.95	434.49

CCHV= 0.300 CEHV= 0.500
*SECNO 8586.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=			188.0	448.0	TYPE=	1	TARGET=	260.000	
8586.00	7.88	606.08	0.00	0.00	606.18	0.09	0.02	0.06	608.60
660.	0.	660.	0.	0.	272.	0.	83.	32.	609.10
1.13	0.00	2.43	0.00	0.000	0.027	0.000	0.000	598.20	304.53
0.000237	49.	49.	49.	2	0	0	0.00	48.32	352.86

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.72	2.63	0.00	29.00	0.00	125.00	0.00	598.20	598.20

*SECNO 8683.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
606.83	606.18	0.00	0.	660.	125.	186.	604.60	608.60
3470 ENCROACHMENT STATIONS=			186.0	486.0	TYPE=	1	TARGET=	300.000	
8653.00	8.56	606.76	0.00	0.00	606.83	0.07	0.65	0.00	608.60
660.	0.	660.	0.	0.	305.	0.	84.	32.	609.10
1.14	0.00	2.17	0.00	0.000	0.027	0.000	0.000	598.20	303.32
0.000171	97.	97.	97.	2	0	0	0.00	50.46	353.78

CCHV= 0.100 CEHV= 0.300
*SECNO 8732.000
UPSTREAM OF SHOPPING CENTER DR.

8732.00	9.07	606.67	0.00	0.00	606.88	0.21	0.01	0.04	607.40
660.	0.	660.	0.	0.	179.	0.	84.	32.	609.00
1.15	0.00	3.68	0.00	0.000	0.027	0.000	0.000	597.60	401.15
0.000672	49.	49.	49.	2	0	0	0.00	35.42	436.56

*SECNO 9057.000
DOWNSTREAM OF SHOPPING CENTER DRIVE

9057.00	9.12	606.92	0.00	0.00	606.97	0.05	0.07	0.02	606.70
660.	0.	631.	29.	2.	330.	88.	86.	32.	603.30
1.20	0.05	1.91	0.32	0.070	0.027	0.070	0.000	597.80	381.97
0.000106	325.	325.	325.	2	0	0	0.00	116.90	498.87

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 9106.000

3265 DIVIDED FLOW

3280 CROSS SECTION 9106.00 EXTENDED 0.94 FEET

3470 ENCROACHMENT STATIONS= 110.0 600.0 TYPE= 1 TARGET= 490.000

9106.00	3.43	606.93	0.00	0.00	606.98	0.05	0.01	0.00	607.90
660.	0.	574.	86.	0.	294.	287.	87.	33.	607.40
1.20	0.00	1.96	0.30	0.000	0.027	0.070	0.000	598.50	301.37
0.000144	49.	49.	49.	0	0	0	0.00	283.47	600.00

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.70	2.63	0.00	30.00	0.00	126.00	0.00	598.50	598.50

*SECNO 9201.000

3265 DIVIDED FLOW

3280 CROSS SECTION 9201.00 EXTENDED 0.96 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
607.65	606.98	0.00	435.	227.	126.	183.	604.60	607.40

3470 ENCROACHMENT STATIONS= 135.0 575.0 TYPE= 1 TARGET= 440.000

9201.00	8.46	606.96	0.00	0.00	607.01	0.05	0.03	0.00	607.90
660.	0.	578.	82.	0.	295.	266.	88.	33.	607.40
1.22	0.00	1.96	0.31	0.000	0.027	0.070	0.000	598.50	301.34
0.000145	95.	95.	95.	2	0	7	0.00	259.26	575.00

CCHV= 0.100 CEHV= 0.300

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9250.000

3470 ENCROACHMENT STATIONS= 190.0 605.0 TYPE= 1 TARGET= 415.000

UPSTREAM OF SHOPPING CENTER DRIVE

9250.00	9.16	606.96	0.00	0.00	607.02	0.05	0.01	0.00	606.80
660.	0.	631.	29.	1.	332.	91.	89.	33.	603.30
1.23	0.04	1.90	0.32	0.070	0.027	0.070	0.000	597.80	383.43
0.000104	49.	49.	49.	0	0	0	0.00	116.10	499.54

*SECNO 9607.000

3280 CROSS SECTION 9607.00 EXTENDED 1.01 FEET

3470 ENCROACHMENT STATIONS= 35.0 770.0 TYPE= 1 TARGET= 735.000

DOWNSTREAM OF NEW PARDEE ROAD

9607.00	8.30	607.00	0.00	0.00	607.08	0.08	0.06	0.01	605.70
660.	10.	518.	131.	38.	200.	308.	93.	35.	605.70
1.27	0.26	2.59	0.43	0.070	0.027	0.070	0.000	598.70	398.97
0.000279	357.	357.	357.	0	0	0	0.00	371.03	770.00

CCHV= 0.300 CEHV= 0.500

*SECNO 9676.000

3280 CROSS SECTION 9676.00 EXTENDED 1.08 FEET

9676.00	3.08	607.08	0.00	0.00	607.11	0.03	0.01	0.02	605.50
660.	39.	492.	129.	188.	300.	432.	94.	36.	605.30
1.29	0.21	1.64	0.30	0.070	0.027	0.070	0.000	599.00	192.27
0.000089	69.	69.	69.	2	0	0	0.00	507.73	700.00

SPECIAL BRIDGE

SB XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.90	2.63	0.00	27.00	0.00	95.00	0.00	599.00	599.00

*SECNO 9676.000

3280 CROSS SECTION 9676.00 EXTENDED 1.10 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.50	607.11	0.00	528.	130.	95.	127.	603.70	605.30

9676.00	8.10	607.10	0.00	0.00	607.13	0.03	0.02	0.00	605.50
660.	40.	489.	130.	193.	301.	438.	96.	37.	605.30
1.31	0.21	1.63	0.30	0.070	0.027	0.070	0.000	599.00	189.86
0.000087	98.	98.	98.	2	0	6	0.00	510.14	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 9823.000
3280 CROSS SECTION 9823.00 EXTENDED 1.08 FEET

UPSTREAM OF NEW PARDEE RD.

9823.00	8.38	607.08	0.00	0.00	607.15	0.07	0.01	0.01	605.70
660.	12.	501.	147.	46.	203.	357.	97.	38.	605.70
1.32	0.25	2.47	0.41	0.070	0.027	0.070	0.000	598.70	390.15
0.000249	49.	49.	49.	2	0	0	0.00	409.85	800.00

*SECNO 10293.000
3280 CROSS SECTION 10293.00 EXTENDED 1.21 FEET

DOWNSTREAM OF DRIVEWAY TO BIG@K@

10293.00	7.81	607.21	0.00	0.00	607.30	0.09	0.14	0.01	607.30
660.	0.	531.	129.	0.	198.	293.	103.	42.	606.90
1.37	0.00	2.67	0.44	0.000	0.027	0.070	0.000	599.40	500.21
0.000358	470.	470.	470.	2	0	0	0.00	299.79	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10342.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10342.00 EXTENDED 0.28 FEET

10342.00	8.48	607.28	0.00	0.00	607.32	0.04	0.01	0.01	608.80
660.	0.	500.	160.	0.	261.	558.	103.	42.	607.30
1.38	0.00	1.91	0.29	0.000	0.027	0.070	0.000	598.80	402.54
0.000128	49.	49.	49.	2	0	0	0.00	495.87	900.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	20.00	2.00	124.00	0.00	588.80	588.80

*SECNO 10400.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10400.00 EXTENDED 0.28 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.03	607.32	0.00	489.	169.	124.	297.	605.30	607.30

10400.00	8.48	607.28	0.00	0.00	607.33	0.04	0.01	0.00	608.80
660.	0.	499.	161.	0.	262.	560.	105.	43.	607.30
1.39	0.00	1.91	0.29	0.000	0.027	0.070	0.000	598.80	402.53
0.000127	58.	58.	58.	2	0	6	0.00	496.31	900.00

CCHV= 0.100 CEHV= 0.300

*SECNO 10449.000

3280 CROSS SECTION 10449.00 EXTENDED 1.26 FEET

3470 ENCROACHMENT STATIONS= 160.0 785.0 TYPE= 1 TARGET= 625.000
UPSTREAM OF DRIVEWAY TO BIG3M3

10449.00	7.86	607.26	0.00	0.00	607.35	0.09	0.01	0.01	607.30
660.	0.	531.	129.	0.	201.	288.	105.	43.	606.90
1.40	0.00	2.65	0.45	0.000	0.027	0.070	0.000	599.40	500.09
0.000347	49.	49.	49.	2	0	0	0.00	284.91	785.00

*SECNO 10754.000

3280 CROSS SECTION 10754.00 EXTENDED 1.36 FEET

3470 ENCROACHMENT STATIONS= 310.0 780.0 TYPE= 1 TARGET= 470.000
DOWNSTREAM OF DRIVEWAY TO BBIG M3

PRINTED IN U.S.A.

THIS RUN EXECUTED 25 OCT 84 14:06:37

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

T1                CITY OF TAYLOR FLOOD INSURANCE STUDY
T2                FRANK AND POET DRAIN
T3                50-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
        0.       3.         0.         0.  0.000000       0.00       0.0        0.    598.500    0.000
J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE
    2.000      0.000     -1.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

DOWNSTREAM OF ALLEN ROAD

0.00	9.90	598.50	0.00	598.50	598.73	0.23	0.00	0.00	596.40
995.	42.	929.	24.	61.	233.	24.	0.	0.	595.90
0.00	0.69	3.99	1.00	0.070	0.035	0.055	0.000	588.60	541.67
0.000983	0.	0.	0.	0	0	0	0.00	116.90	658.57

CCHV= 0.300 CEHV= 0.500

*SECNO 49.000

3470 ENCROACHMENT STATIONS= 385.0 605.0 TYPE= 1 TARGET= 220.000

49.00	8.82	598.52	0.00	0.00	598.78	0.26	0.04	0.01	598.60
995.	0.	978.	17.	0.	236.	54.	0.	0.	598.10
0.00	0.00	4.14	0.32	0.000	0.027	0.055	0.000	589.70	400.13
0.000632	49.	49.	49.	2	0	0	0.00	204.87	605.00

SPECIAL BRIDGE

SB	XK	XKCR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.29	2.63	0.00	14.00	0.00	78.00	0.00	589.70	589.70

*SECNO 145.000

3280 CROSS SECTION 145.00 EXTENDED 1.79 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.31	598.78	0.00	362.	634.	78.	81.	595.50	598.40

3470 ENCROACHMENT STATIONS= 335.0 500.0 TYPE= 1 TARGET= 165.000

145.00	11.09	600.79	0.00	0.00	600.87	0.09	2.09	0.00	598.60
995.	59.	838.	98.	137.	329.	156.	1.	1.	598.10
0.02	0.43	2.55	0.63	0.070	0.027	0.055	0.000	589.70	335.00
0.000155	96.	96.	96.	2	0	3	0.00	165.00	500.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 194.000
UPSTREAM OF ALLEN ROAD

194.00	12.20	600.80	0.00	0.00	600.88	0.08	0.01	0.00	596.40
995.	131.	824.	41.	277.	325.	86.	2.	1.	595.90
0.02	0.47	2.54	0.47	0.070	0.027	0.070	0.000	588.60	459.74
0.000151	49.	49.	49.	0	0	0	0.00	215.30	675.04

*SECNO 994.000

3470 ENCROACHMENT STATIONS= 322.0 777.0 TYPE= 1 TARGET= 455.000
DOWNSTREAM OF PRIVATE ROAD

994.00	10.74	600.94	0.00	0.00	600.96	0.02	0.07	0.01	596.20
995.	254.	323.	418.	641.	195.	999.	25.	7.	595.50
0.29	0.40	1.65	0.42	0.070	0.027	0.070	0.000	590.20	322.00
0.000060	800.	800.	800.	2	0	0	0.00	455.00	777.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1043.000
3280 CROSS SECTION 1043.00 EXTENDED 0.95 FEET

3470 ENCROACHMENT STATIONS= 168.0 598.0 TYPE= 1 TARGET= 430.000

1043.00	10.95	600.95	0.00	0.00	600.96	0.02	0.00	0.00	597.00
995.	413.	483.	99.	1044.	341.	230.	27.	7.	596.80
0.31	0.40	1.42	0.43	0.070	0.035	0.070	0.000	590.00	168.00
0.000071	49.	49.	49.	0	0	0	0.00	430.00	598.00

SPECIAL BRIDGE

SB XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	22.00	0.00	110.00	0.00	590.00	590.00

*SECNO 1062.000
3280 CROSS SECTION 1062.00 EXTENDED 0.93 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
602.93	600.96	0.00	858.	137.	110.	119.	595.40	596.80

3470 ENCROACHMENT STATIONS= 174.0 594.0 TYPE= 1 TARGET= 420.000

1062.00	10.97	600.97	0.00	0.00	600.98	0.02	0.02	0.00	597.00
995.	416.	485.	94.	1042.	342.	218.	28.	8.	596.80
0.32	0.40	1.42	0.43	0.070	0.035	0.070	0.000	590.00	174.00
0.000071	19.	19.	19.	1	0	6	0.00	420.00	594.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1111.000

3470 ENCROACHMENT STATIONS= 353.0 748.0 TYPE= 1 TARGET= 395.000
UPSTREAM OF PRIVATE ROAD
DOWNSTREAM OF PRIVATE ROAD

1111.00	10.78	600.98	0.00	0.00	600.99	0.01	0.00	0.00	596.20
995.	267.	277.	451.	582.	196.	945.	30.	8.	595.50
0.33	0.46	1.42	0.48	0.070	0.035	0.070	0.000	590.20	353.00
0.000074	49.	49.	49.	0	0	0	0.00	395.00	748.00

*SECNO 1112.000

3470 ENCROACHMENT STATIONS= 353.0 748.0 TYPE= 1 TARGET= 395.000

1112.00	11.28	600.98	0.00	0.00	600.99	0.01	0.00	0.00	596.70
995.	277.	298.	421.	558.	212.	844.	30.	8.	597.00
0.33	0.50	1.40	0.50	0.070	0.035	0.070	0.000	589.70	353.00
0.000093	1.	1.	1.	0	0	0	0.00	395.00	748.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1160.000

3470 ENCROACHMENT STATIONS= 200.0 570.0 TYPE= 1 TARGET= 370.000

1160.00	10.57	600.97	0.00	0.00	601.00	0.02	0.00	0.01	596.80
995.	238.	539.	218.	556.	333.	453.	31.	9.	596.70
0.35	0.43	1.62	0.48	0.070	0.035	0.070	0.000	590.40	200.00
0.000096	48.	48.	48.	0	0	0	0.00	370.00	570.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	95.00	0.00	590.40	590.40

*SECNO 1173.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
603.63	601.00	0.00	859.	136.	95.	101.	596.00	596.70

3470 ENCROACHMENT STATIONS= 200.0 570.0 TYPE= 1 TARGET= 370.000

1173.00	10.60	601.00	0.00	0.00	601.02	0.02	0.03	0.00	596.80
995.	240.	537.	218.	560.	334.	456.	32.	9.	596.70
0.35	0.43	1.61	0.48	C.070	0.035	0.070	0.000	590.40	200.00
0.000094	13.	13.	13.	2	0	6	0.00	370.00	570.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1222.000

3470 ENCROACHMENT STATIONS= 315.0 785.0 TYPE= 1 TARGET= 470.000
UPSTREAM OF PRIVATE ROAD

1222.00	11.32	601.02	0.00	0.00	601.03	0.01	0.00	0.00	596.70
995.	287.	283.	425.	639.	213.	927.	34.	9.	597.00
0.37	0.45	1.33	0.46	C.070	0.035	0.070	0.000	589.70	315.00
0.000082	49.	49.	49.	1	0	0	0.00	470.00	785.00

*SECNO 1282.000
3280 CROSS SECTION 1282.00 EXTENDED 1.03 FEET

3470 ENCROACHMENT STATIONS= 205.0 645.0 TYPE= 1 TARGET= 440.000
DOWNSTREAM OF JACKSON RD.

1282.00	11.02	601.02	C.00	0.00	601.04	0.01	0.01	0.00	594.80
995.	523.	241.	231.	1072.	164.	474.	36.	10.	595.70
0.39	0.49	1.47	0.49	C.070	0.035	0.070	0.000	590.00	205.00
0.000088	60.	60.	60.	0	0	0	0.00	440.00	645.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1331.000
3280 CROSS SECTION 1331.00 EXTENDED 1.03 FEET

3470 ENCROACHMENT STATIONS=		227.0	641.0	TYPE=	1	TARGET=	414.000		
1331.00	12.52	601.02	0.00	0.00	601.05	0.03	0.00	0.01	596.90
995.	309.	469.	217.	690.	26C.	597.	38.	10.	597.10
0.41	0.45	1.81	0.36	0.070	0.027	0.070	0.000	588.50	227.00
0.000072	49.	49.	49.	0	0	0	0.00	414.00	641.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.78	2.63	0.00	12.00	0.00	74.00	0.00	588.50	588.50

*SECNO 1373.000
3280 CROSS SECTION 1373.00 EXTENDED 1.03 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
606.02	601.05	0.00	908.	86.	74.	96.	596.50	596.90

3470 ENCROACHMENT STATIONS=		238.0	631.0	TYPE=	1	TARGET=	393.000		
1373.00	12.53	601.03	0.00	0.00	601.06	0.03	0.01	0.00	596.90
995.	300.	479.	216.	652.	26C.	578.	39.	11.	597.10
0.42	0.46	1.85	0.37	0.070	0.027	0.070	0.000	588.50	238.00
0.000075	42.	42.	42.	2	0	7	0.00	393.00	631.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1422.000
3280 CROSS SECTION 1422.00 EXTENDED 1.04 FEET

3470 ENCROACHMENT STATIONS=		241.0	609.0	TYPE=	1	TARGET=	368.000		
UPSTREAM OF JACKSON RD.									
1422.00	11.04	601.04	0.00	0.00	601.06	0.02	0.00	0.00	594.80
995.	49C.	309.	196.	994.	164.	385.	41.	11.	595.70
0.43	0.49	1.89	0.51	0.070	0.027	0.070	0.000	590.00	241.00
0.000086	49.	49.	49.	3	0	3	0.00	368.00	609.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2022.000

3470 ENCROACHMENT STATIONS= 470.0 557.0 TYPE= 1 TARGET= 87.000

DOWNSTREAM OF D.T.I.RR.

2022.00	9.82	601.02	C.00	0.00	601.21	0.19	0.09	0.05	599.10
995.	17.	966.	11.	37.	271.	22.	54.	14.	599.10
0.48	0.47	3.57	0.50	C.070	0.027	0.070	0.000	591.20	470.00
0.000385	600.	600.	600.	2	0	0	0.00	87.00	557.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2071.000

2071.00	9.36	601.16	C.00	0.00	601.25	0.09	0.01	0.03	608.70
995.	0.	995.	0.	0.	410.	0.	54.	14.	608.50
0.48	0.00	2.43	0.00	0.000	0.027	0.000	0.000	591.80	507.77
0.000168	49.	49.	49.	2	0	0	0.00	60.79	568.56

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.83	2.63	0.00	30.00	2.00	207.00	0.00	591.80	591.80

*SECNO 2133.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
601.82	601.26	0.01	0.	995.	207.	216.	599.50	608.50

2133.00	9.94	601.74	0.00	0.00	601.82	0.08	0.57	0.00	608.70
995.	C.	995.	0.	0.	446.	0.	55.	14.	608.50
0.49	0.00	2.23	0.00	0.000	0.027	0.000	0.000	591.80	506.73
0.000134	62.	62.	62.	2	0	0	0.00	62.80	569.53

CCHV= 0.100 CEHV= 0.300

*SECNO 2282.000

3470 ENCROACHMENT STATIONS= 354.0 560.0 TYPE= 1 TARGET= 206.000

UPSTREAM OF D.T.I.RR.

2282.00	10.52	601.72	0.00	0.00	601.86	0.15	0.03	0.02	599.10
995.	33.	942.	20.	78.	300.	38.	56.	15.	599.10
0.51	0.42	3.14	0.52	C.070	0.027	0.070	0.000	591.20	423.38
0.000261	149.	149.	149.	2	0	0	0.00	136.62	560.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 2562.000										
3470 ENCROACHMENT STATIONS=			288.0	354.0	TYPE=	1	TARGET=	66.000		
DOWNSTREAM OF HURON RD.										
2562.00	10.02	601.72	0.00	0.00	602.03	0.31	0.12	0.05	602.70	
995.	0.	994.	1.	0.	222.	3.	58.	15.	601.40	
0.52	0.00	4.48	0.22	0.000	0.027	0.070	0.000	591.70	302.33	
0.000816	280.	280.	280.	2	0	0	0.00	51.66	354.00	
*SECNO 2611.000										
3470 ENCROACHMENT STATIONS=			300.0	342.0	TYPE=	1	TARGET=	42.000		
2611.00	9.90	601.90	0.00	0.00	602.07	0.17	0.03	0.01	602.70	
995.	0.	995.	0.	0.	301.	0.	59.	15.	100000.00	
0.53	0.00	3.31	0.00	0.000	0.027	0.000	0.000	592.00	301.16	
0.000362	49.	49.	49.	2	0	0	0.00	40.54	341.71	
CCHV= 0.300 CEHV= 0.500										
*SECNO 2613.000										
3301 HV CHANGED MORE THAN HVINS										
3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD= 602.30 MAX ELLC= 599.50										
2613.00	9.59	601.59	0.00	0.00	602.40	0.81	0.30	0.32	602.70	
995.	0.	995.	0.	0.	138.	0.	59.	15.	602.70	
0.53	0.00	7.22	0.00	0.000	0.027	0.000	0.000	592.00	301.63	
0.006092	2.	2.	2.	2	0	0	-150.10	39.96	341.59	
*SECNO 2649.000										
3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD= 602.60 MAX ELLC= 599.50										
3470 ENCROACHMENT STATIONS=			300.0	342.0	TYPE=	1	TARGET=	42.000		
2649.00	9.81	601.81	0.00	0.00	602.61	0.81	0.22	0.00	602.70	
995.	0.	995.	0.	0.	138.	0.	59.	15.	100000.00	
0.53	0.00	7.22	0.00	0.000	0.027	0.000	0.000	592.00	301.31	
0.006092	36.	36.	36.	2	0	0	-158.91	40.36	341.67	

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

CCHV= 0.100 CEHV= 0.300
*SECNO 2651.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 300.0 342.0 TYPE= 1 TARGET= 42.000

2651.00	10.54	602.54	0.00	0.00	602.68	0.14	0.00	0.07	602.70
995.	0.	995.	0.	0.	327.	0.	59.	15.	100000.00
0.53	0.00	3.04	0.00	0.000	0.027	0.000	0.000	592.00	300.23
0.000287	2.	2.	2.	2	0	0	0.00	41.71	341.94

*SECNO 2700.000

3470 ENCROACHMENT STATIONS= 286.0 356.0 TYPE= 1 TARGET= 70.000
UPSTREAM OF HURCN RD.

2700.00	10.80	602.50	0.00	0.00	602.73	0.23	0.02	0.03	602.40
995.	0.	988.	6.	2.	256.	14.	59.	15.	601.40
0.53	0.12	3.87	0.47	0.070	0.027	0.070	0.000	591.70	286.00
0.000538	49.	49.	49.	2	0	0	0.00	70.00	356.00

*SECNO 3800.000

3470 ENCROACHMENT STATIONS= 480.0 550.0 TYPE= 1 TARGET= 70.000
DOWNSTREAM OF I-75 EXIT RAMP

3800.00	9.93	602.93	0.00	0.00	603.03	0.10	0.29	0.01	598.00
995.	62.	914.	18.	95.	338.	35.	69.	17.	598.60
0.65	0.66	2.70	0.53	0.070	0.027	0.070	0.000	593.00	480.00
0.000158	1100.	1100.	1100.	2	0	0	0.00	70.00	550.00

*SECNO 3849.000

3849.00	9.02	602.92	0.00	0.00	603.05	0.13	0.01	0.01	606.10
995.	0.	995.	0.	0.	349.	0.	69.	17.	606.10
0.66	0.00	2.85	0.00	0.000	0.027	0.000	0.000	593.90	500.00
0.000236	49.	49.	49.	2	0	0	0.00	46.00	546.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3851.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLCBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10									
3851.00	8.89	602.79	0.00	0.00	603.19	0.40	0.00	0.14	606.10
995.	0.	995.	0.	0.	196.	0.	69.	17.	606.10
0.66	0.00	5.09	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000806	2.	2.	2.	2	0	0	-147.34	46.00	546.00
*SECNO 3893.000									
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10									
3893.00	8.92	602.82	0.00	0.00	603.22	0.40	0.03	0.00	606.10
995.	0.	995.	0.	0.	196.	0.	69.	17.	606.10
0.66	0.00	5.09	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000806	42.	42.	42.	1	0	0	-148.62	46.00	546.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3895.000									
3895.00	9.23	603.13	0.00	0.00	603.25	0.12	0.00	0.03	606.10
995.	0.	995.	0.	0.	359.	0.	69.	17.	606.10
0.66	0.00	2.77	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000067	2.	2.	2.	2	0	0	0.00	46.00	546.00
*SECNO 3929.000									
3280 CROSS SECTION 3929.00 EXTENDED 0.15 FEET									
3470 ENCROACHMENT STATIONS= 488.0 553.0 TYPE= 1 TARGET= 65.000									
UPSTREAM OF I-75 EXIT RAMP									
DOWNSTREAM OF N+S BOUND I-75									
3929.00	10.14	603.14	0.00	0.00	603.25	0.11	0.00	0.00	598.00
995.	21.	958.	16.	60.	348.	50.	70.	17.	598.60
0.66	0.35	2.76	0.32	0.070	0.015	0.070	0.000	593.00	488.00
0.000049	34.	34.	34.	0	0	0	0.00	65.00	553.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3978.000									
3978.00	9.41	603.11	0.00	0.00	603.29	0.19	0.01	0.04	613.30
995.	0.	995.	0.	0.	287.	0.	70.	17.	612.30
0.67	0.00	3.47	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000385	49.	49.	49.	2	0	0	0.00	39.00	439.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	2.60	2.63	0.00	22.00	1.00	177.00	0.00	594.00	594.00

*SECNO 4200.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.38	603.30	0.01	0.	995.	177.	172.	602.20	612.30

4200.00	10.54	604.24	0.00	0.00	604.38	0.14	1.09	0.00	613.30
995.	0.	995.	0.	0.	331.	0.	72.	18.	612.30
0.69	0.00	3.00	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000253	222.	222.	222.	2	0	0	0.00	39.00	439.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4249.000
3280 CROSS SECTION 4249.00 EXTENDED 1.35 FEET

3470 ENCROACHMENT STATIONS= 450.0 587.0 TYPE= 1 TARGET= 137.000
UPSTREAM OF N+S BOUND I-75

4249.00	11.36	604.36	0.00	0.00	604.40	0.04	0.01	0.01	598.00
995.	144.	726.	125.	293.	399.	261.	72.	18.	598.60
0.70	0.49	1.82	0.48	0.070	0.027	0.070	0.000	593.00	450.00
0.000058	49.	49.	49.	2	0	0	0.00	137.00	587.00

*SECNO 4749.000

3470 ENCROACHMENT STATIONS= 170.0 675.0 TYPE= 1 TARGET= 505.000
DOWNSTREAM OF SEAWAY ROAD

4749.00	10.71	604.41	0.00	0.00	604.43	0.02	0.03	0.00	598.90
995.	407.	524.	64.	1031.	314.	224.	87.	21.	599.70
0.83	0.38	1.67	0.29	0.070	0.027	0.070	0.000	593.70	170.00
0.000065	500.	500.	500.	2	0	0	0.00	505.00	675.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 4798.000
3280 CROSS SECTION 4798.00 EXTENDED 2.41 FEET

3470 ENCROACHMENT STATIONS= 185.0 665.0 TYPE= 1 TARGET= 480.000

4798.00	109.91	604.41	0.00	0.00	604.44	0.03	0.01	0.00	603.00
995.	143.	755.	97.	306.	503.	242.	89.	22.	603.40
0.84	0.47	1.50	0.40	0.070	0.027	0.070	0.000	494.50	185.00
0.000296	49.	49.	49.	0	0	0	0.00	480.00	665.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.63	0.00	29.00	0.00	146.00	0.00	594.20	594.20

*SECNO 4855.000
PRESS FLOW BECAUSE EGLWC OF 704.14 EXCEEDS 1.5 DEPTH
3280 CROSS SECTION 4855.00 EXTENDED 2.43 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.58	704.14	0.00	781.	204.	146.	189.	600.70	603.00

3470 ENCROACHMENT STATIONS= 200.0 650.0 TYPE= 1 TARGET= 450.000

4855.00	109.93	604.43	0.00	0.00	604.46	0.03	0.02	0.00	603.00
995.	142.	765.	88.	296.	504.	221.	90.	23.	603.40
0.85	0.48	1.52	0.40	0.070	0.027	0.070	0.000	494.50	200.00
0.000301	57.	57.	57.	2	0	6	0.00	450.00	650.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4904.000

3470 ENCROACHMENT STATIONS= 215.0 640.0 TYPE= 1 TARGET= 425.000
UPSTREAM OF SEAWAY ROAD

4904.00	10.74	604.44	0.00	0.00	604.47	0.03	0.01	0.00	598.90
995.	383.	548.	64.	952.	315.	200.	91.	23.	599.70
0.87	0.40	1.74	0.32	0.070	0.027	0.070	0.000	593.70	215.00
0.000070	49.	49.	49.	0	0	0	0.00	425.00	640.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5604.000

3470 ENCROACHMENT STATIONS= 477.0 552.0 TYPE= 1 TARGET= 75.000

DOWNSTREAM OF R.R.BRIDGE

5604.00	9.52	604.42	0.00	0.00	604.62	0.20	0.10	0.05	600.30
995.	92.	811.	91.	92.	206.	93.	106.	27.	600.30
0.92	1.00	3.93	0.99	0.070	0.027	0.070	0.000	594.90	477.00
0.000430	700.	700.	700.	2	0	0	0.00	75.00	552.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5668.000

5668.00	9.12	604.42	0.00	0.00	604.65	0.23	0.02	0.01	610.60
995.	0.	995.	0.	0.	260.	0.	107.	27.	610.60
0.93	0.00	3.82	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000211	64.	64.	64.	1	0	0	0.00	42.00	442.00

SPECIAL BRIDGE

SB XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.95	1.56	2.63	0.00	14.50	2.00	402.00	2.00	595.30	595.30

*SECNO 5684.000

CLASS A LOW FLOW

3420 BRIDGE W.S.= 604.40 BRIDGE VELOCITY=, 3.56 CALCULATED CHANNEL AREA=, 279.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD
0.00	604.67	0.02	0.	995.	402.	456.	607.60	610.60

5684.00	9.14	604.44	0.00	0.00	604.67	0.23	0.02	0.00	610.60
995.	0.	995.	0.	0.	261.	0.	107.	27.	610.60
0.93	0.00	3.82	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000210	16.	16.	16.	0	0	0	0.00	42.00	442.00

CCHV= 0.100 CEHV= 0.300

*SECNO 5733.000

3470 ENCROACHMENT STATIONS= 440.0 582.0 TYPE= 1 TARGET= 142.000

UPSTREAM OF R.R.BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
5733.00	9.64	604.54	0.00	0.00	604.68	0.15	0.01	0.01	600.30
995.	141.	743.	111.	235.	21C.	197.	107.	27.	600.30
0.93	0.60	3.54	0.56	0.070	0.017	0.070	0.000	594.90	440.00
0.000135	49.	49.	49.	2	0	0	0.00	142.00	582.00

*SECNO 5833.000
3280 CROSS SECTION 5833.00 EXTENDED 0.57 FEET

3470 ENCROACHMENT STATIONS= 340.0 682.0 TYPE= 1 TARGET= 342.000
DOWNSTREAM OF EURIKA ROAD

5833.00	9.07	604.57	0.00	0.00	604.70	0.12	0.01	0.00	603.30
995.	128.	774.	94.	321.	241.	257.	109.	28.	602.60
0.94	0.40	3.21	0.36	0.070	0.017	0.070	0.000	595.50	340.00
0.000137	100.	100.	100.	2	0	0	0.00	342.00	682.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5882.000
3280 CROSS SECTION 5882.00 EXTENDED 8.19 FEET

3470 ENCROACHMENT STATIONS= 100.0 522.0 TYPE= 1 TARGET= 422.000

5882.00	8.19	604.69	0.00	0.00	604.73	0.04	0.01	0.03	602.90
995.	108.	76C.	127.	328.	429.	328.	110.	28.	603.50
0.95	0.33	1.77	0.39	0.060	0.027	0.060	0.000	596.50	100.00
0.000090	49.	49.	49.	2	0	0	0.00	422.00	522.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.63	2.63	0.00	36.00	0.00	125.00	0.00	596.00	596.00

*SECNO 5984.000
3280 CROSS SECTION 5984.00 EXTENDED 8.27 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
607.28	604.23	0.00	815.	180.	125.	151.	600.20	602.90

3470 ENCROACHMENT STATIONS= 35.0 650.0 TYPE= 1 TARGET= 615.000

5984.00	8.26	604.76	0.00	0.00	604.78	0.01	0.05	0.00	602.90
995.	88.	509.	398.	416.	434.	1019.	114.	29.	603.50
0.99	0.21	1.17	0.39	0.060	0.027	0.060	0.000	596.50	35.00
0.000039	102.	102.	102.	1	0	8	0.00	615.00	650.00

CCHV= 0.100 CEHV= 0.300
*SECNO 6033.000
3280 CROSS SECTION 6033.00 EXTENDED 0.76 FEET

3470 ENCROACHMENT STATIONS= 150.0 740.0 TYPE= 1 TARGET= 590.000
UPSTREAM OF EURIKA ROAD

6033.00	9.25	604.75	0.00	0.00	604.79	0.04	0.00	0.01	603.30
995.	298.	524.	173.	649.	249.	382.	115.	30.	602.60
1.00	0.46	2.11	0.45	0.060	0.027	0.060	0.000	595.50	150.00
0.000144	49.	49.	49.	1	0	0	0.00	590.00	740.00

*SECNO 6533.000
3280 CROSS SECTION 6533.00 EXTENDED 1.32 FEET

3470 ENCROACHMENT STATIONS= 355.0 695.0 TYPE= 1 TARGET= 340.000
DOWNSTREAM OF RACHO ROAD

6533.00	9.62	604.82	0.00	0.00	604.85	0.03	0.06	0.00	601.50
995.	238.	430.	327.	453.	220.	582.	130.	35.	601.30
1.12	0.53	1.95	0.56	0.060	0.027	0.060	0.000	595.20	355.00
0.000099	500.	500.	500.	2	0	0	0.00	340.00	695.00

CCHV= 0.300 CEHV= 0.500
*SECNO 6582.000
3280 CROSS SECTION 6582.00 EXTENDED 1.74 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=			140.0	455.0	TYPE=	1	TARGET=	315.000	
6582.00	9.54	604.74	C.00	0.00	604.95	0.21	0.01	0.09	604.50
995.	122.	787.	35.	165.	19C.	122.	131.	36.	604.50
1.12	0.74	4.15	0.70	0.060	0.027	0.060	0.000	595.20	140.00
0.000683	49.	49.	49.	2	0	0	0.00	315.00	455.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	10.00	0.00	51.00	0.00	595.20	595.20

*SECNO 6690.000
6870 D.S. ENERGY OF 604.95 HIGHER THAN COMPUTED ENERGY OF 604.81
3280 CROSS SECTION 6690.00 EXTENDED 1.66 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
618.98	604.95	0.00	924.	71.	51.	64.	601.60	604.50

3470 ENCROACHMENT STATIONS=			170.0	430.0	TYPE=	1	TARGET=	260.000	
6690.00	9.46	604.66	0.00	0.00	604.95	0.29	0.00	0.00	604.50
995.	86.	864.	45.	111.	187.	71.	132.	37.	604.50
1.13	0.77	4.61	0.64	C.060	0.027	0.060	0.000	595.20	170.00
0.000858	108.	108.	108.	2	0	8	0.00	260.00	430.00

CCHV= 0.100 CEHV= 0.300
*SECNO 6739.000
3280 CROSS SECTION 6739.00 EXTENDED 1.44 FEET

3470 ENCROACHMENT STATIONS= UPSTREAM OF RACHO ROAD			407.0	643.0	TYPE=	1	TARGET=	236.000	
6739.00	9.74	604.94	0.00	0.00	604.99	0.04	0.01	0.02	601.50
995.	204.	505.	286.	323.	224.	429.	133.	37.	601.30
1.14	0.63	2.25	0.67	C.060	0.027	0.060	0.000	595.20	407.00
0.000129	49.	49.	49.	2	0	0	0.00	236.00	643.00

PRINTED IN U.S.A

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7439.000

3470 ENCROACHMENT STATIONS= 480.0 560.0 TYPE= 1 TARGET= 80.000

DOWNSTREAM OF DRIVE TO SHOPPING CENTER

7439.00	8.99	604.69	0.00	0.00	605.23	0.54	0.10	0.15	605.20
995.	0.	977.	18.	0.	164.	21.	137.	38.	603.60
1.16	0.00	5.95	0.87	0.000	0.027	0.060	0.000	595.70	501.29
0.001748	300.	300.	300.	2	0	0	0.00	58.71	560.00

CCHV= 0.300 CEHV= 0.500

*SECNO 7488.000

7488.00	7.93	605.23	0.00	0.00	605.38	0.15	0.03	0.12	607.50
995.	0.	995.	0.	0.	321.	0.	137.	38.	607.90
1.16	0.00	3.10	0.00	0.000	0.027	0.000	0.000	597.30	203.29
0.000310	49.	49.	49.	2	0	0	0.00	50.28	253.56

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.71	2.63	0.00	32.00	0.00	107.00	0.00	597.30	597.30

*SECNO 7580.000

ERROR ELTRD.LT.MIN ROAD ELEV, ELTRD SET EQUAL TO MIN ROAD ELEV

3265 DIVIDED FLOW

3280 CROSS SECTION 7580.00 EXTENDED 0.65 FEET

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
607.53	605.38	0.00	0.	995.	107.	157.	602.20	607.60

3470 ENCROACHMENT STATIONS= 150.0 386.0 TYPE= 1 TARGET= 236.000

7580.00	10.15	607.45	0.00	0.00	607.53	0.08	2.15	0.00	607.50
995.	1.	994.	0.	10.	438.	0.	138.	38.	607.90
1.17	0.12	2.27	0.00	0.050	0.027	0.000	0.000	597.30	150.00
0.000128	92.	92.	92.	2	0	0	0.00	100.23	255.59

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 7629.000

3470 ENCROACHMENT STATIONS= 402.0 645.0 TYPE= 1 TARGET= 243.000

UPSTREAM OF DRIVE TO SHOPPING CENTER									
7629.00	11.74	607.44	0.00	0.00	607.54	0.10	0.01	0.00	605.20
995.	63.	735.	197.	133.	257.	283.	138.	38.	603.60
1.18	0.47	2.86	0.70	0.060	0.027	0.060	0.000	595.70	402.00
0.000231	49.	49.	49.	1	0	0	0.00	243.00	645.00

*SECNO 8001.000

DOWNSTREAM OF SHOPPING CENTER DRIVE									
8001.00	11.50	607.50	0.00	0.00	607.65	0.16	0.10	0.02	605.70
995.	6.	989.	0.	15.	308.	0.	143.	40.	608.40
1.21	0.39	3.21	0.00	0.060	0.027	0.000	0.000	596.00	482.83
0.000285	372.	372.	372.	1	0	0	0.00	58.79	541.61

CCHV= 0.300 CEHV= 0.500
*SECNO 8050.000

3470 ENCROACHMENT STATIONS= 290.0 545.0 TYPE= 1 TARGET= 255.000

8050.00	11.40	607.60	0.00	0.00	607.69	0.09	0.01	0.02	608.50
995.	0.	995.	0.	0.	416.	0.	143.	40.	609.10
1.22	0.00	2.39	0.00	0.000	0.027	0.000	0.000	596.20	401.26
0.000163	49.	49.	49.	2	0	0	0.00	54.47	455.73

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.77	2.63	0.00	28.00	0.00	130.00	0.00	596.20	596.20

*SECNO 8163.000
3280 CROSS SECTION 8163.00 EXTENDED 0.57 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.21	607.69	0.00	195.	802.	130.	185.	602.80	608.50

3470 ENCROACHMENT STATIONS=			280.0	560.0	TYPE=	1	TARGET=	280.000	
8163.00	12.37	608.57	0.00	0.00	603.64	0.07	0.96	0.00	608.50
995.	2.	993.	0.	26.	471.	0.	144.	40.	609.10
1.23	0.09	2.11	0.00	0.070	0.027	0.000	0.000	596.20	280.00
0.000115	113.	113.	113.	2	0	4	0.00	177.21	457.21

CCHV= 0.100 CEHV= 0.300
*SECNO 8212.000

3470 ENCROACHMENT STATIONS=			334.0	589.0	TYPE=	1	TARGET=	255.000	
UPSTREAM OF SHOPPING CENTER DRIVE									
8212.00	12.55	608.55	0.00	0.00	608.66	0.12	0.01	0.01	605.70
995.	23.	972.	0.	80.	353.	1.	145.	40.	608.40
1.24	0.29	2.76	0.05	0.070	0.027	0.070	0.000	596.00	364.57
0.000184	49.	49.	49.	2	0	0	0.00	196.94	561.51

*SECNO 8537.000
DOWNSTREAM OF SHOPPING CENTER DRIVE

8537.00	10.97	608.57	0.00	0.00	608.79	0.23	0.10	0.03	607.40
995.	17.	978.	0.	42.	252.	0.	147.	41.	609.00
1.26	0.40	3.88	0.00	0.070	0.027	0.000	0.000	597.60	327.18
0.000566	325.	325.	325.	2	0	0	0.00	113.80	440.98

CCHV= 0.300 CEHV= 0.500
*SECNO 8586.000

3470 ENCROACHMENT STATIONS=			188.0	448.0	TYPE=	1	TARGET=	260.000	
8586.00	10.56	608.76	0.00	0.00	608.85	0.09	0.01	0.04	608.60
995.	1.	994.	0.	10.	412.	0.	148.	41.	609.10
1.26	0.08	2.41	0.00	0.070	0.027	0.000	0.000	598.20	230.02
0.000166	49.	49.	49.	2	0	0	0.00	126.52	356.53

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.72	2.63	0.00	29.00	0.00	125.00	0.00	598.20	598.20

*SECNO 8683.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
610.45	608.85	0.00	329.	667.	125.	186.	604.60	608.60

3470 ENCROACHMENT STATIONS= 186.0 486.0 TYPE= 1 TARGET= 300.000

8683.00	11.25	609.45	0.00	0.00	609.52	0.07	0.67	0.00	608.60
995.	15.	976.	4.	80.	451.	39.	149.	42.	609.10
1.28	0.19	2.16	0.11	0.070	0.027	0.070	0.000	598.20	186.00
0.000119	97.	97.	97.	2	0	4	0.00	300.00	486.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8732.000
UPSTREAM OF SHOPPING CENTER DR.

8732.00	11.80	609.40	0.00	0.00	609.55	0.16	0.01	0.03	607.40
995.	59.	936.	0.	136.	287.	4.	150.	42.	609.00
1.28	0.43	3.26	0.13	0.070	0.027	0.070	0.000	597.60	220.26
0.000346	49.	49.	49.	2	0	0	0.00	239.87	460.12

*SECNO 9057.000
3280 CROSS SECTION 9057.00 EXTENDED 2.07 FEET

DOWNSTREAM OF SHOPPING CENTER DRIVE

9057.00	11.77	609.57	0.00	0.00	609.60	0.03	0.04	0.01	606.70
995.	68.	775.	152.	292.	463.	453.	156.	45.	603.30
1.35	0.23	1.67	0.34	0.070	0.027	0.070	0.000	597.80	212.94
0.000052	325.	325.	325.	2	0	0	0.00	387.06	600.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9106.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 9106.00 EXTENDED 3.58 FEET

3470 ENCROACHMENT STATIONS=		110.0	600.0	TYPE=	1	TARGET=	490.000		
9106.00	11.09	609.59	0.00	0.00	609.61	0.02	0.00	0.00	607.90
995.	45.	608.	342.	227.	425.	946.	157.	45.	607.40
1.36	0.20	1.43	0.36	0.070	0.027	0.070	0.000	598.50	124.58
0.000050	49.	49.	49.	1	0	0	0.00	475.42	600.00

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.70	2.63	0.00	30.00	0.00	126.00	0.00	598.50	598.50

*SECNO 9201.000

3280 CROSS SECTION 9201.00 EXTENDED 3.62 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.23	609.61	0.00	812.	180.	126.	183.	604.60	607.40

3470 ENCROACHMENT STATIONS=		135.0	575.0	TYPE=	1	TARGET=	440.000		
9201.00	11.12	609.62	0.00	0.00	609.64	0.02	0.03	0.00	607.90
995.	48.	626.	321.	232.	427.	861.	161.	46.	607.40
1.39	0.21	1.47	0.37	0.070	0.027	0.070	0.000	598.50	135.00
0.000052	95.	95.	95.	2	0	6	0.00	440.00	575.00

CCHV= 0.100 CEHV= 0.300

*SECNO 9250.000

3280 CROSS SECTION 9250.00 EXTENDED 2.12 FEET

3470 ENCROACHMENT STATIONS=		190.0	605.0	TYPE=	1	TARGET=	415.000		
UPSTREAM OF SHOPPING CENTER DRIVE									
9250.00	11.81	609.61	0.00	0.00	609.65	0.03	0.00	0.00	606.80
995.	70.	771.	154.	300.	465.	461.	162.	47.	603.30
1.40	0.23	1.66	0.34	0.070	0.027	0.070	0.000	597.80	209.86
0.000051	49.	49.	49.	0	0	0	0.00	390.14	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9607.000
3280 CROSS SECTION 9607.00 EXTENDED 3.64 FEET

3470 ENCROACHMENT STATIONS= 35.0 770.0 TYPE= 1 TARGET= 735.000
DOWNSTREAM OF NEW PARDEE ROAD

9607.00	10.95	609.65	0.00	0.00	609.67	0.02	0.02	0.00	605.70
995.	219.	433.	343.	857.	30C.	919.	176.	51.	605.70
1.52	0.26	1.44	0.37	0.070	0.027	0.070	0.000	598.70	35.00
0.000050	357.	357.	357.	1	0	0	0.00	735.00	770.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9676.000
3280 CROSS SECTION 9676.00 EXTENDED 3.66 FEET

9676.00	10.66	609.66	0.00	0.00	609.67	0.01	0.00	0.00	605.50
995.	229.	465.	301.	1060.	426.	1079.	179.	52.	605.30
1.55	0.22	1.09	0.28	0.070	0.027	0.070	0.000	599.00	0.00
0.000025	69.	69.	69.	0	0	0	0.00	700.00	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.90	2.63	0.00	27.00	0.00	95.00	0.00	599.00	599.00

*SECNO 9676.000
3280 CROSS SECTION 9676.00 EXTENDED 3.70 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.90	609.67	0.00	384.	111.	95.	127.	603.70	605.30

9676.00	10.69	609.69	0.00	0.00	609.70	0.01	0.03	0.00	605.50
995.	232.	462.	301.	1079.	428.	1091.	185.	54.	605.30
1.59	0.22	1.08	0.28	0.070	0.027	0.070	0.000	599.00	0.00
0.000024	98.	98.	98.	0	0	6	0.00	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 9823.000
3280 CROSS SECTION 9823.00 EXTENDED 3.70 FEET

UPSTREAM OF NEW PARDEE RD.

9823.00	10.99	609.69	0.00	0.00	609.71	0.01	0.00	0.00	605.70
995.	214.	412.	368.	883.	302.	1043.	188.	55.	605.70
1.61	0.24	1.36	0.35	0.070	0.027	0.070	0.000	598.70	22.72
0.000045	49.	49.	49.	0	0	0	0.00	777.28	800.00

*SECNO 10293.000
3280 CROSS SECTION 10293.00 EXTENDED 3.71 FEET

DOWNSTREAM OF DRIVEWAY TO BIG@M@

10293.00	10.31	609.71	0.00	0.00	609.73	0.02	0.03	0.00	607.30
995.	151.	466.	378.	570.	306.	936.	210.	62.	606.90
1.75	0.26	1.52	0.40	0.070	0.027	0.070	0.000	599.40	164.54
0.000066	470.	470.	470.	0	0	0	0.00	635.46	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10342.000
3280 CROSS SECTION 10342.00 EXTENDED 2.72 FEET

10342.00	10.92	609.72	0.00	0.00	609.74	0.01	0.00	0.00	608.80
995.	2.	470.	524.	21.	369.	1668.	212.	63.	607.30
1.77	0.08	1.27	0.31	0.070	0.027	0.070	0.000	598.80	354.13
0.000039	49.	49.	49.	0	0	0	0.00	545.87	900.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	20.00	2.00	124.00	0.00	588.80	588.80

*SECNO 10400.000
3280 CROSS SECTION 10400.00 EXTENDED 2.77 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.43	609.74	0.00	828.	167.	124.	297.	605.30	607.30

10400.00	10.96	609.76	0.00	0.00	609.77	0.01	0.04	0.00	608.80
995.	2.	467.	527.	23.	371.	1690.	215.	64.	607.30
1.79	0.08	1.26	0.31	0.070	0.027	0.070	0.000	598.80	351.69
0.000037	58.	58.	58.	1	0	6	0.00	548.31	900.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10449.000
3280 CROSS SECTION 10449.00 EXTENDED 3.76 FEET

3470 ENCROACHMENT STATIONS= 160.0 785.0 TYPE= 1 TARGET= 625.000
UPSTREAM OF DRIVEWAY TO BIG@M@

10449.00	10.36	609.76	0.00	0.00	609.78	0.02	0.00	0.00	607.30
995.	158.	473.	364.	583.	308.	894.	217.	64.	606.90
1.81	0.27	1.53	0.41	0.070	0.027	0.070	0.000	599.40	161.91
0.000066	49.	49.	49.	0	0	0	0.00	623.09	785.00

*SECNO 10754.000
3280 CROSS SECTION 10754.00 EXTENDED 3.77 FEET

3470 ENCROACHMENT STATIONS= 310.0 780.0 TYPE= 1 TARGET= 470.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

10754.00	10.57	609.77	0.00	0.00	609.80	0.03	0.02	0.00	609.40
995.	18.	636.	341.	127.	366.	809.	228.	68.	605.60
1.87	0.14	1.74	0.42	0.070	0.027	0.070	0.000	599.20	310.00
0.000076	305.	305.	305.	0	0	0	0.00	470.00	780.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10803.000
3280 CROSS SECTION 10803.00 EXTENDED 1.77 FEET

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
10803.00	10.36	609.76	0.00	0.00	609.82	0.05	0.00	0.01	609.20
995.	1.	717.	277.	8.	326.	719.	229.	69.	608.00
1.88	0.10	2.20	0.39	0.070	0.027	0.070	0.000	599.40	271.55
0.000130	49.	49.	49.	1	0	0	0.00	428.45	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.75	2.63	0.00	19.00	1.00	120.00	0.00	599.40	599.40

*SECNO 10871.000
3280 CROSS SECTION 10871.00 EXTENDED 1.78 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.63	609.82	0.00	801.	189.	120.	115.	605.80	608.10

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

10871.00	10.38	609.78	0.00	0.00	609.83	0.05	0.01	0.00	609.20
995.	1.	716.	278.	8.	326.	722.	231.	69.	608.00
1.89	0.11	2.20	0.39	0.070	0.027	0.070	0.000	599.40	271.17
0.000130	68.	68.	68.	2	0	6	0.00	428.83	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10920.000
3280 CROSS SECTION 10920.00 EXTENDED 3.81 FEET

3470 ENCROACHMENT STATIONS= 274.0 319.0 TYPE= 1 TARGET= 545.000
UPSTREAM OF DRIVEWAY TO BBIG ME

10920.00	10.41	609.81	0.00	0.00	609.84	0.03	0.00	0.00	609.40
995.	22.	591.	382.	160.	366.	960.	232.	70.	605.60
1.91	0.14	1.62	0.40	0.070	0.027	0.070	0.000	599.40	274.00
0.000066	49.	49.	49.	2	0	0	0.00	545.00	819.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11098.000
3280 CROSS SECTION 11098.00 EXTENDED 1.83 FEET

3470 ENCROACHMENT STATIONS= 100.0 775.0 TYPE= 1 TARGET= 675.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

11098.00	10.32	609.82	0.00	0.00	609.85	0.03	0.01	0.00	607.50
995.	221.	626.	148.	672.	341.	456.	238.	72.	607.30
1.94	0.33	1.83	0.32	0.070	0.027	0.070	0.000	599.50	100.00
0.000092	178.	178.	178.	0	0	0	0.00	675.00	775.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11147.000

3265 DIVIDED FLOW

11147.00	9.90	609.80	0.00	0.00	609.89	0.10	0.01	0.03	609.10
995.	2.	857.	136.	15.	317.	408.	239.	73.	608.60
1.95	0.14	2.70	0.33	0.070	0.027	0.070	0.000	599.90	185.30
0.000200	49.	49.	49.	2	0	0	0.00	528.37	759.11

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.95	1.71	2.63	0.00	19.00	1.00	107.00	0.00	600.00	600.00

*SECNO 11205.000
6870 D.S. ENERGY OF 609.89 HIGHER THAN COMPUTED ENERGY OF 609.89

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.09	609.90	0.00	306.	198.	107.	106.	605.90	608.60

11205.00	9.90	609.80	0.00	0.00	609.89	0.10	0.00	0.00	609.10
995.	2.	857.	136.	15.	317.	408.	240.	74.	608.60
1.96	0.14	2.70	0.33	0.070	0.027	0.070	0.000	599.90	185.29
0.000200	58.	58.	58.	2	0	5	0.00	528.42	759.12

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

CCHV= 0.100 CEHV= 0.300
*SECNO 11254.000
3280 CROSS SECTION 11254.00 EXTENDED 1.87 FEET

3470 ENCROACHMENT STATIONS= 90.0 780.0 TYPE= 1 TARGET= 690.000
UPSTREAM OF DRIVEWAY TO @BIG M@

11254.00	10.37	609.87	0.00	0.00	609.91	0.03	0.01	0.01	607.50
995.	224.	619.	153.	691.	343.	476.	242.	74.	607.30
1.97	0.32	1.80	0.32	0.070	0.027	0.070	0.000	599.50	90.00
0.000088	49.	49.	49.	2	0	0	0.00	690.00	780.00

*SECNO 11404.000
3280 CROSS SECTION 11404.00 EXTENDED 1.37 FEET

3470 ENCROACHMENT STATIONS= 250.0 900.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF SYRACUSE RD.

11404.00	9.27	609.87	0.00	0.00	609.94	0.07	0.02	0.01	607.30
995.	52.	539.	404.	120.	195.	707.	246.	77.	608.30
1.99	0.44	2.76	0.57	0.070	0.027	0.070	0.000	600.60	313.88
0.000299	150.	150.	150.	2	0	0	0.00	586.12	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11453.000
3280 CROSS SECTION 11453.00 EXTENDED 0.38 FEET

3470 ENCROACHMENT STATIONS= 175.0 800.0 TYPE= 1 TARGET= 625.000

11453.00	9.69	609.89	0.00	0.00	609.95	0.06	0.01	0.00	607.40
995.	102.	568.	325.	236.	218.	641.	247.	77.	607.00
2.00	0.43	2.60	0.51	0.070	0.027	0.070	0.000	600.20	202.03
0.000212	49.	49.	49.	0	0	0	0.00	597.97	800.00

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.38	2.63	0.00	18.00	0.00	68.00	0.00	600.20	600.20

*SECNO 11643.000
3280 CROSS SECTION 11643.00 EXTENDED 0.39 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
617.80	609.95	0.00	905.	89.	68.	104.	606.00	607.00

11643.00	9.69	609.89	0.00	0.00	609.95	0.06	0.00	0.00	607.40
995.	103.	566.	326.	239.	219.	645.	252.	80.	607.00
2.03	0.43	2.59	0.50	0.070	0.027	0.070	0.000	600.20	200.76
0.000209	190.	190.	190.	2	0	7	0.00	599.24	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11692.000
3280 CROSS SECTION 11692.00 EXTENDED 1.40 FEET

UPSTREAM OF SYRACUSE RD.

11692.00	9.30	609.90	0.00	0.00	609.97	0.06	0.01	0.00	607.30
995.	54.	534.	408.	126.	196.	719.	253.	81.	608.30
2.04	0.43	2.72	0.57	0.070	0.027	0.070	0.000	600.60	299.84
0.000289	49.	49.	49.	0	0	0	0.00	600.16	900.00

*SECNO 12692.000
3280 CROSS SECTION 12692.00 EXTENDED 1.83 FEET

3470 ENCROACHMENT STATIONS= 370.0 705.0 TYPE= 1 TARGET= 335.000

DOWNSTREAM OF NB OF TELEGRAPH RD.

12692.00	7.63	610.23	0.00	0.00	610.33	0.09	0.35	0.01	607.40
995.	96.	477.	422.	167.	138.	494.	274.	91.	607.20
2.17	0.57	3.46	0.35	0.070	0.027	0.070	0.000	602.60	370.00
0.000432	1000.	1000.	1000.	2	0	0	0.00	335.00	705.00

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 12741.000
3280 CROSS SECTION 12741.00 EXTENDED 0.77 FEET

3470 ENCROACHMENT STATIONS= 230.0 540.0 TYPE= 1 TARGET= 310.000

12741.00	8.37	610.17	0.00	0.00	610.44	0.27	0.03	0.09	609.40
995.	113.	882.	0.	207.	198.	0.	275.	92.	609.40
2.18	0.55	4.45	0.00	0.060	0.027	0.000	0.000	601.80	230.00
0.000693	49.	49.	49.	2	0	0	0.00	299.00	529.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.49	2.63	0.00	12.00	0.00	52.00	0.00	601.80	601.80

*SECNO 12831.000
6870 D.S. ENERGY OF 610.44 HIGHER THAN COMPUTED ENERGY OF 610.44
3280 CROSS SECTION 12831.00 EXTENDED 0.76 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
624.32	610.44	0.00	860.	137.	52.	56.	606.50	609.40

3470 ENCROACHMENT STATIONS= 270.0 530.0 TYPE= 1 TARGET= 260.000

12831.00	8.35	610.15	0.00	0.00	610.44	0.29	0.00	0.00	609.40
995.	97.	898.	0.	174.	198.	0.	276.	92.	609.40
2.18	0.56	4.54	0.00	0.060	0.027	0.000	0.000	601.80	270.00
0.000743	90.	90.	90.	2	0	6	0.00	259.00	529.00

CCHV= 0.100 CEHV= 0.300
*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 1.98 FEET

3470 ENCROACHMENT STATIONS= 420.0 635.0 TYPE= 1 TARGET= 215.000
UPSTREAM OF NB OF TELEGRAPH RD.
DOWNSTREAM OF SB OF TELEGRAPH RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
12880.00	7.78	610.38	0.00	0.00	610.49	0.11	0.03	0.02	607.40
995.	113.	509.	373.	141.	141.	342.	276.	93.	607.20
2.19	0.80	3.61	1.09	C.060	0.027	0.060	0.000	602.60	420.00
0.000456	49.	49.	49.	2	0	0	0.00	215.00	635.00

*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 1.98 FEET

3470 ENCROACHMENT STATIONS= 420.0 635.0 TYPE= 1 TARGET= 215.000

12880.00	7.78	610.38	0.00	0.00	610.49	0.11	0.00	0.00	607.40
995.	113.	509.	373.	141.	141.	342.	276.	93.	607.20
2.19	0.80	3.61	1.09	C.060	0.027	0.060	0.000	602.60	420.00
0.000456	0.	C.	0.	0	0	0	0.00	215.00	635.00

CCHV= 0.300 CEHV= 0.800
*SECNO 12929.000

3265 DIVIDED FLOW

3280 CROSS SECTION 12929.00 EXTENDED 0.32 FEET

3470 ENCROACHMENT STATIONS= 40.0 700.0 TYPE= 1 TARGET= 660.000

12929.00	7.92	610.32	0.00	0.00	610.91	0.59	0.04	0.38	611.20
995.	0.	992.	3.	0.	161.	10.	277.	93.	611.20
2.19	0.00	6.17	0.33	0.000	0.027	0.060	0.000	602.40	401.87
0.002067	49.	49.	49.	2	0	0	0.00	99.65	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.83	2.63	0.00	20.00	0.00	122.00	0.00	602.40	602.40

*SECNO 12986.000
3280 CROSS SECTION 12986.00 EXTENDED 1.77 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.26	610.92	0.00	72.	922.	122.	142.	609.50	611.20

3470 ENCROACHMENT STATIONS= 200.0 505.0 TYPE= 1 TARGET= 305.000

12986.00	9.36	611.76	0.00	0.00	611.99	0.23	1.08	0.00	611.20
995.	96.	378.	21.	166.	215.	43.	277.	93.	611.20
2.19	0.58	4.07	0.49	0.060	0.027	0.060	0.000	602.40	200.00
0.000690	57.	57.	57.	2	0	2	0.00	305.00	505.00

CCHV= 0.100 CEHV= 0.300
*SECNO 13035.000
3280 CROSS SECTION 13035.00 EXTENDED 3.60 FEET

3470 ENCROACHMENT STATIONS= 300.0 705.0 TYPE= 1 TARGET= 405.000
UPSTREAM OF SB OF TELEGRAPH RD.

13035.00	9.40	612.00	0.00	0.00	612.02	0.02	0.01	0.02	607.40
995.	239.	294.	462.	563.	177.	819.	278.	93.	607.20
2.21	0.42	1.66	0.56	0.060	0.027	0.060	0.000	602.60	300.00
0.000071	49.	49.	49.	2	0	0	0.00	405.00	705.00

*SECNO 13335.000

3470 ENCROACHMENT STATIONS= 80.0 730.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF COOPER RD.

13335.00	9.73	612.03	0.00	0.00	612.05	0.02	0.03	0.00	608.60
995.	596.	353.	46.	1139.	224.	172.	289.	97.	610.50
2.30	0.52	1.58	0.27	0.060	0.027	0.060	0.000	602.30	80.00
0.000118	300.	300.	300.	2	0	0	0.00	650.00	730.00

CCHV= 0.300 CEHV= 0.500
*SECNO 13434.000
3280 CROSS SECTION 13434.00 EXTENDED 3.24 FEET

13434.00	10.24	612.04	0.00	0.00	612.06	0.02	0.01	0.00	609.10
995.	515.	381.	99.	1193.	209.	311.	293.	98.	609.10
2.33	0.43	1.82	0.32	0.070	0.027	0.070	0.000	601.80	0.00
0.000097	99.	99.	99.	0	0	0	0.00	621.59	621.59

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	9.00	0.00	45.00	0.00	601.80	601.80

*SECNO 13476.000

3280 CROSS SECTION 13476.00 EXTENDED 3.26 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
626.31	612.06	0.00	942.	57.	45.	58.	608.20	609.10

13476.00	10.26	612.06	0.00	0.00	612.09	0.02	0.03	0.00	609.10
995.	516.	378.	100.	1203.	209.	315.	294.	99.	609.10
2.35	0.43	1.81	0.32	0.070	0.027	0.070	0.000	601.80	0.00
0.000095	42.	42.	42.	2	0	6	0.00	622.58	622.58

CCHV= 0.100 CEHV= 0.300

*SECNO 13575.000

3280 CROSS SECTION 13575.00 EXTENDED 2.87 FEET

UPSTREAM OF COOPER RD.

13575.00	9.78	612.08	0.00	0.00	612.10	0.01	0.01	0.00	608.60
995.	608.	345.	42.	1387.	226.	198.	298.	101.	610.50
2.38	0.44	1.53	0.21	0.070	0.027	0.070	0.000	602.30	0.00
0.000109	99.	99.	99.	0	0	0	0.00	803.08	803.08

*SECNO 14475.000

3265 DIVIDED FLOW

3280 CROSS SECTION 14475.00 EXTENDED 0.51 FEET

DOWNSTREAM OF BAILY RD.

14475.00	9.01	612.21	0.00	0.00	612.28	0.07	0.17	0.02	609.90
995.	523.	427.	45.	748.	133.	98.	327.	114.	609.20
2.52	0.70	3.21	0.46	0.070	0.027	0.070	0.000	603.20	144.79
0.000383	900.	900.	900.	2	0	0	0.00	510.69	900.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 14524.000

3265 DIVIDED FLOW

3280 CROSS SECTION 14524.00 EXTENDED 0.89 FEET

14524.00	9.49	612.19	0.00	0.00	612.35	0.16	0.02	0.04	612.30
995.	276.	655.	64.	357.	167.	150.	328.	115.	612.20
2.53	0.77	3.92	0.42	0.055	0.027	0.060	0.000	602.70	0.00
0.000650	49.	49.	49.	2	0	0	0.00	769.14	800.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	12.00	0.00	73.00	0.00	602.70	602.70

*SECNO 14652.000
6870 D.S. ENERGY OF 612.35 HIGHER THAN COMPUTED ENERGY OF 612.27

3265 DIVIDED FLOW

3280 CROSS SECTION 14652.00 EXTENDED 0.89 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
619.14	612.35	0.00	387.	110.	73.	96.	610.70	612.20

14652.00	9.49	612.19	0.00	0.00	612.35	0.16	0.00	0.00	612.30
995.	276.	655.	64.	358.	167.	151.	330.	117.	612.20
2.54	0.77	3.92	0.42	0.055	0.027	0.060	0.000	602.70	0.00
0.000649	128.	128.	128.	2	0	8	0.00	769.85	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 14701.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 14701.00 EXTENDED				0.62 FEET					
UPSTREAM OF BAILY RD.									
14701.00	9.12	612.32	C.00	0.00	612.38	0.06	0.02	0.01	609.90
995.	529.	409.	56.	788.	135.	114.	331.	118.	609.20
2.55	0.67	3.03	0.50	0.070	0.027	0.060	0.000	603.20	142.04
0.000333	49.	49.	49.	2	0	0	0.00	539.79	900.00
*SECNO 15601.000									
DOWNSTREAM OF WESTLAKE RD.									
15601.00	8.37	612.67	0.00	0.00	612.96	0.29	0.51	0.07	612.00
995.	52.	705.	238.	88.	137.	246.	347.	128.	611.10
2.61	0.59	5.13	0.97	C.070	0.027	0.060	0.000	604.30	366.42
0.001202	900.	900.	900.	2	0	0	0.00	400.73	767.16
CCHV= 0.300 CEHV= 0.500									
*SECNO 15750.000									
15750.00	7.63	612.93	0.00	0.00	613.12	0.19	0.13	0.03	610.20
995.	83.	784.	128.	104.	201.	160.	348.	129.	610.00
2.62	0.80	3.91	0.80	C.060	0.027	0.060	0.000	605.30	304.14
0.000626	149.	149.	149.	2	0	0	0.00	289.24	593.38

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.23	2.63	0.00	12.00	0.00	68.00	0.00	605.30	605.30

*SECNO 15800.000
3280 CROSS SECTION 15800.00 EXTENDED 0.37 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
620.35	613.12	0.00	524.	473.	68.	89.	612.70	614.70

15800.00	9.27	614.57	0.00	0.00	614.61	0.04	1.49	0.00	610.20
995.	212.	54C.	243.	530.	266.	504.	349.	129.	610.00
2.64	0.40	2.03	0.48	0.060	0.027	0.060	0.000	605.30	0.00
0.000116	50.	50.	50.	2	0	6	0.00	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 15849.000

3470 ENCROACHMENT STATIONS= 50.0 350.0 TYPE= 1 TARGET= 800.000
UPSTREAM OF WESTLAKE RD.

15849.00	10.29	614.59	0.00	0.00	614.62	0.03	0.01	0.00	612.00
995.	197.	390.	407.	514.	184.	825.	351.	130.	611.10
2.65	0.38	2.13	0.49	0.070	0.027	0.070	0.000	604.30	50.00
0.000140	49.	49.	49.	0	0	0	0.00	800.00	850.00

CCHV= 0.100 CEHV= 0.500
*SECNO 17575.000
3280 CROSS SECTION 17575.00 EXTENDED 1.38 FEET

17575.00	7.18	614.98	0.00	0.00	615.00	0.02	0.38	0.00	613.90
995.	213.	224.	558.	404.	105.	790.	407.	161.	613.10
3.13	0.53	2.13	0.71	0.070	0.035	0.070	0.000	607.80	72.95
0.000399	1726.	1726.	1726.	2	0	0	0.00	727.06	800.00

CCHV= 0.100 CEHV= 0.800
*SECNO 17710.000

17710.00	6.85	615.05	0.00	0.00	615.30	0.25	0.12	0.18	614.50
995.	64.	528.	403.	96.	98.	332.	409.	163.	613.80
3.14	0.67	5.38	1.21	0.070	0.035	0.070	0.000	608.20	227.92
0.002955	135.	135.	135.	2	0	0	0.00	634.26	862.18

*SECNO 17850.000

17850.00	7.37	615.47	615.34	0.00	615.91	0.44	0.46	0.15	614.50
995.	73.	716.	206.	84.	115.	184.	411.	164.	614.10
3.15	0.87	6.23	1.12	0.070	0.035	0.070	0.000	608.10	307.51
0.003654	140.	140.	140.	4	8	0	0.00	487.49	794.99

*SECNO 18100.000
3230 CROSS SECTION 18100.00 EXTENDED 0.12 FEET

3470 ENCROACHMENT STATIONS= 220.0 305.0 TYPE= 1 TARGET= 585.000

18100.00	7.92	616.32	0.00	0.00	616.46	0.14	0.52	0.03	614.80
995.	158.	526.	311.	207.	129.	337.	414.	167.	614.40
3.18	0.76	4.09	0.92	0.070	0.035	0.070	0.000	608.40	248.20
0.001354	250.	250.	250.	2	0	0	0.00	556.80	805.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18575.000

DOWNSTREAM OF BEECH DALY RD.

18575.00	8.26	617.16	0.00	0.00	617.57	0.41	0.89	0.22	616.70
995.	4.	756.	235.	10.	128.	213.	420.	172.	614.60
3.21	0.42	5.89	1.10	0.070	0.035	0.070	0.000	608.90	454.18
0.002790	475.	475.	475.	2	0	0	0.00	313.95	768.13

CCHV= 0.300 CEHV= 0.500

*SECNO 18624.000

3280 CROSS SECTION 18624.00 EXTENDED 0.68 FEET

18624.00	8.58	617.68	0.00	0.00	617.71	0.03	0.02	0.12	611.00
995.	184.	274.	537.	289.	126.	802.	420.	173.	609.10
3.22	0.64	2.18	0.67	0.060	0.035	0.070	0.000	609.10	273.71
0.000166	49.	49.	49.	2	0	0	0.00	426.30	700.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.98	2.63	0.00	15.00	0.00	112.00	0.00	609.40	609.40

*SECNO 18704.000

3280 CROSS SECTION 18704.00 EXTENDED 1.12 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	W3	QWEIR	QFR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
620.11	618.00	0.00	575.	425.	112.	105.	616.40	618.50

18704.00	9.01	618.11	0.00	0.00	618.13	0.02	0.42	0.00	611.00
995.	201.	250.	544.	365.	132.	917.	423.	173.	609.10
3.24	0.55	1.89	0.59	0.060	0.035	0.070	0.000	609.10	211.96
0.000117	80.	80.	80.	1	0	5	0.00	488.04	700.00

CCHV= 0.100 CEHV= 0.300

*SECNO 18753.000

3280 CROSS SECTION 18753.00 EXTENDED 0.02 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=			285.0	815.0	TYPE=	1	TARGET=	530.000	
UPSTREAM OF BEECH DALY RD.									
18753.00	9.12	618.02	0.00	0.00	618.18	0.16	0.01	0.04	616.70
995.	43.	610.	342.	104.	149.	446.	424.	174.	614.60
3.25	0.42	4.09	0.77	0.070	0.027	0.070	0.000	608.90	292.14
0.000658	49.	49.	49.	2	0	0	0.00	522.86	815.00
*SECNO 19003.000									
3470 ENCROACHMENT STATIONS=			250.0	820.0	TYPE=	1	TARGET=	570.000	
DOWNSTREAM OF MC GUIRE RD.									
19003.00	8.41	618.11	0.00	0.00	618.39	0.28	0.18	0.04	615.00
995.	146.	805.	44.	164.	170.	69.	427.	176.	615.80
3.27	0.89	4.74	0.64	0.070	0.027	0.070	0.000	609.70	361.94
0.000761	250.	250.	250.	0	0	0	0.00	266.60	628.54
CCHV= 0.300 CEHV= 0.500									
*SECNO 19077.000									
3470 ENCROACHMENT STATIONS=			150.0	615.0	TYPE=	1	TARGET=	465.000	
19077.00	8.97	613.47	0.00	0.00	618.49	0.01	0.01	0.08	617.20
995.	399.	293.	303.	829.	200.	597.	429.	177.	613.00
3.29	0.48	1.46	0.51	0.060	0.027	0.060	0.000	609.50	150.00
0.000070	74.	74.	74.	2	0	0	0.00	465.00	615.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.59	2.63	0.00	12.00	0.00	69.00	0.00	609.50	609.50

*SECNO 19235.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
626.84	618.49	0.00	875.	110.	69.	90.	617.00	617.20
19235.00	9.07	618.57	0.00	0.00	618.58	0.01	0.09	0.00	617.20
995.	401.	289.	305.	877.	203.	630.	435.	179.	613.00
3.35	0.46	1.42	0.48	0.060	0.027	0.060	0.000	609.50	108.17
0.000065	158.	158.	153.	1	0	7	0.00	556.11	664.27

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 19384.000
DOWNSTREAM OF MARVIN RD.

19384.00	8.31	618.41	616.20	0.00	618.79	0.38	0.03	0.19	617.60
995.	73.	826.	97.	125.	152.	93.	439.	180.	617.50
3.36	0.58	5.44	1.04	C.070	0.035	0.070	0.000	610.10	165.79
0.002173	149.	149.	149.	4	17	0	0.00	475.27	641.06

CCHV= 0.300 CEHV= 0.500
*SECNO 19433.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19433.00 EXTENDED 0.85 FEET

3470 ENCROACHMENT STATIONS= 190.0 655.0 TYPE= 1 TARGET= 465.000

19433.00	9.25	618.35	616.33	0.00	619.15	0.80	0.15	0.21	618.00
995.	52.	917.	27.	54.	123.	35.	439.	181.	618.00
3.36	0.96	7.46	0.76	0.060	0.027	0.055	0.000	609.10	190.00
0.004930	49.	49.	49.	4	12	0	0.00	351.40	655.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.19	3.00	0.00	12.00	0.00	76.00	0.00	609.10	609.10

*SECNO 19677.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19677.00 EXTENDED 2.02 FEET

3301 HV CHANGED MORE THAN HVINS

FRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	HJ	QWEIR	QPR	SAREA	TRAPEZOID AREA	ELLC	ELTRD	
626.84	619.15	0.00	629.	375.	76.	97.	617.20	618.00	
19677.00	10.42	619.52	0.00	0.00	619.56	0.04	0.41	0.00	618.00
995.	240.	361.	394.	393.	148.	540.	442.	184.	618.00
3.41	0.61	2.44	0.73	0.060	0.027	0.055	0.000	609.10	47.63
0.000441	244.	244.	244.	2	0	5	0.00	748.84	800.00

CCHV= 0.100 CEHV= 0.300

*SECNO 19776.000

UPSTREAM OF MARVIN RD.

19776.00	9.40	619.50	0.00	0.00	619.63	0.13	0.04	0.03	617.60
995.	213.	659.	123.	406.	184.	197.	445.	186.	617.50
3.42	0.52	3.59	0.62	0.070	0.027	0.070	0.000	610.10	95.10
0.000438	99.	99.	99.	2	0	0	0.00	642.76	737.86

*SECNO 19876.000

3470 ENCROACHMENT STATIONS= 150.0 800.0 TYPE= 1 TARGET= 650.000

DOWNSTREAM OF FELLRATH RD.

19876.00	8.76	619.46	0.00	0.00	619.73	0.27	0.05	0.04	617.40
995.	161.	810.	25.	280.	174.	64.	446.	187.	616.50
3.43	0.57	4.35	0.38	0.070	0.027	0.070	0.000	610.70	186.16
0.000687	100.	100.	100.	2	0	0	0.00	545.95	732.10

CCHV= 0.300 CEHV= 0.500

*SECNO 19925.000

19925.00	9.28	619.78	0.00	0.00	619.81	0.03	0.01	0.07	614.00
995.	447.	428.	120.	906.	212.	267.	447.	188.	615.00
3.44	0.49	2.02	0.45	0.070	0.027	0.070	0.000	610.50	47.64
0.000102	49.	49.	49.	2	0	0	0.00	487.53	535.17

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.27	2.63	0.00	12.00	0.00	75.00	0.00	610.50	610.50

*SECNO 20033.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	HJ	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
625.99	619.81	0.00	734.	262.	75.	96.	618.50	618.80

20033.00	9.69	620.19	0.00	0.00	620.21	0.02	0.40	0.00	614.00
995.	467.	402.	126.	1055.	224.	312.	451.	189.	615.00
3.47	0.44	1.80	0.40	0.070	0.027	0.070	0.000	610.50	20.53
0.000075	108.	108.	108.	2	0	6	0.00	522.85	543.37

CCHV= 0.100 CEHV= 0.300
*SECNO 20082.000

3470 ENCROACHMENT STATIONS= 80.0 785.0 TYPE= 1 TARGET= 705.000
UPSTREAM OF FELLRATH RD.

20082.00	9.40	620.10	0.00	0.00	620.26	0.16	0.01	0.04	617.40
995.	231.	704.	60.	355.	185.	142.	452.	189.	616.50
3.48	0.63	3.81	0.42	0.070	0.027	0.070	0.000	610.70	255.91
0.000443	49.	49.	49.	2	0	0	0.00	479.95	735.87

*SECNO 20232.000

3470 ENCROACHMENT STATIONS= 100.0 710.0 TYPE= 1 TARGET= 610.000
DOWNSTREAM OF HAROLD RD.

20232.00	8.82	620.12	0.00	0.00	620.39	0.26	0.09	0.03	618.20
995.	156.	789.	50.	206.	172.	106.	454.	191.	619.00
3.49	0.76	4.59	0.47	0.070	0.027	0.070	0.000	611.30	266.68
0.000909	150.	150.	150.	1	0	0	0.00	436.50	703.17

CCHV= 0.300 CEHV= 0.500
*SECNO 20281.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 20281.00 EXTENDED 0.44 FEET									
20281.00	9.34	620.44	0.00	0.00	620.47	0.03	0.02	0.07	614.00
995.	538.	252.	205.	828.	97.	281.	455.	192.	614.00
3.50	0.65	2.61	0.73	0.055	0.027	0.055	0.000	611.10	0.00
0.000170	49.	49.	49.	2	0	0	0.00	537.02	537.02

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.30	2.63	0.00	11.00	0.00	62.00	0.00	612.00	612.00

*SECNO 20385.000
3280 CROSS SECTION 20385.00 EXTENDED 0.55 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
629.64	621.37	0.00	371.	125.	62.	79.	619.20	619.40

20385.00	9.45	620.55	0.00	0.00	620.58	0.03	0.11	0.00	614.00
995.	547.	243.	205.	874.	98.	294.	458.	193.	614.00
3.53	0.63	2.48	0.70	0.055	0.027	0.055	0.000	611.10	0.00
0.000151	104.	104.	104.	2	0	6	0.00	539.83	539.83

CCHV= 0.100 CEHV= 0.300
*SECNO 20434.000
UPSTREAM OF HARCLD RD.

20434.00	9.19	620.49	0.00	0.00	620.63	0.14	0.01	0.03	618.20
995.	219.	673.	103.	266.	134.	171.	459.	193.	619.00
3.53	0.82	3.66	0.60	0.055	0.027	0.055	0.000	611.30	251.42
0.000531	49.	49.	49.	2	0	0	0.00	472.88	724.29

CCHV= 0.100 CEHV= 0.300
*SECNO 21554.000
3280 CROSS SECTION 21554.00 EXTENDED 0.23 FEET

DOWNSTREAM OF LANGE RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
21554.00	7.43	621.23	0.00	0.00	621.30	0.07	0.66	0.01	619.50
995.	91.	438.	466.	166.	141.	590.	479.	209.	619.70
3.71	0.55	3.12	0.79	0.070	0.035	0.070	0.000	613.80	284.43
0.000666	1120.	1120.	1120.	2	0	0	0.00	715.57	1000.00

CCHV= 0.300 CEHV= 0.500
*SECNO 21653.000
3280 CROSS SECTION 21653.00 EXTENDED 0.53 FEET

21653.00	9.93	621.33	0.00	0.00	621.33	0.01	0.01	0.02	616.00
995.	351.	227.	417.	931.	215.	1072.	482.	211.	616.00
3.76	0.38	1.06	0.39	0.060	0.035	0.060	0.000	611.40	0.00
0.000052	99.	99.	99.	2	0	0	0.00	1000.00	1000.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.68	2.63	0.00	12.00	0.00	82.00	0.00	611.40	611.40

*SECNO 21670.000
3280 CROSS SECTION 21670.00 EXTENDED 0.59 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
625.17	621.33	0.00	863.	132.	82.	100.	619.70	620.80

21670.00	9.99	621.39	0.00	0.00	621.39	0.01	0.06	0.00	616.00
995.	353.	223.	419.	958.	217.	1110.	483.	211.	616.00
3.77	0.37	1.03	0.38	0.060	0.035	0.060	0.000	611.40	0.00
0.000048	17.	17.	17.	0	0	7	0.00	1000.00	1000.00

CCHV= 0.300 CEHV= 0.700
*SECNO 21719.000
3280 CROSS SECTION 21719.00 EXTENDED 0.89 FEET

UPSTREAM OF LANGE RD.

21719.00	3.09	621.39	0.00	0.00	621.41	0.02	0.00	0.01	619.00
995.	161.	293.	541.	375.	158.	902.	485.	212.	619.20
3.78	0.43	1.86	0.60	0.060	0.035	0.060	0.000	613.30	121.68
0.000204	49.	49.	49.	0	0	0	0.00	878.32	1000.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 22670.000									
22670.00	6.48	621.68	0.00	0.00	622.01	0.33	0.51	0.09	620.90
995.	21.	550.	324.	30.	116.	243.	506.	226.	621.10
3.85	0.69	5.61	1.34	0.070	0.035	0.070	0.000	615.20	426.35
0.002794	1000.	1000.	1000.	2	0	0	0.00	330.42	756.77
*SECNO 24069.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 24069.00 EXTENDED 1.01 FEET									
DOWNSTREAM OF INKSTER RD.									
24069.00	7.01	624.11	0.00	0.00	624.24	0.13	2.22	0.02	622.50
995.	43.	570.	381.	70.	151.	445.	522.	239.	623.10
4.00	0.62	3.79	0.86	0.070	0.035	0.070	0.000	617.10	372.71
0.001080	1350.	1350.	1350.	3	0	0	0.00	521.52	1000.00

PRINTED IN U.S.A.

THIS RUN EXECUTED 25 OCT 84 14:11:52

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

EJ


===> SP,FRANKO,:6
===> FREE ALL
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PRINTED IN U.S.A.

THIS RUN EXECUTED 25 OCT 84 14:07:22

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

T1                  CITY OF TAYLOR FLOOD INSURANCE STUDY
T2                  FRANK AND POET DRAIN
T3                  100-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       4.        0.        0.  0.000000      0.00      0.0       0.   598.600     0.000

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    3.000      0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

DOWNSTREAM OF ALLEN ROAD

0.00	10.00	598.60	0.00	598.60	598.91	0.31	0.00	0.00	596.40
1180.	55.	1095.	31.	67.	237.	26.	0.	0.	595.90
0.00	0.81	4.63	1.13	C.070	0.035	0.055	0.000	588.60	538.89
0.001290	0.	0.	0.	0	0	0	0.00	120.40	659.29

CCHV= 0.300 CEHV= 0.500

*SECNO 49.000

3470 ENCROACHMENT STATIONS= 385.0 605.0 TYPE= 1 TARGET= 220.000

49.00	8.93	598.63	0.00	0.00	593.98	0.34	0.05	0.02	598.60
1180.	0.	1148.	32.	0.	241.	72.	0.	0.	598.10
0.00	0.04	4.77	0.45	0.070	0.027	0.055	0.000	589.70	385.00
0.000822	49.	49.	49.	2	0	0	0.00	220.00	605.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.29	2.63	0.00	14.00	0.00	78.00	0.00	589.70	589.70

*SECNO 145.000

3280 CROSS SECTION 145.00 EXTENDED 2.30 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
606.77	598.98	0.00	495.	687.	78.	81.	595.50	598.40

3470 ENCROACHMENT STATIONS= 335.0 500.0 TYPE= 1 TARGET= 165.000

145.00	11.60	601.30	0.00	0.00	601.39	0.10	2.42	0.00	598.60
1180.	87.	959.	135.	171.	350.	187.	1.	1.	598.10
0.01	0.51	2.74	C.72	C.070	0.027	0.055	0.000	589.70	335.00
0.000164	96.	95.	96.	2	0	3	0.00	165.00	500.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 194.000
UPSTREAM OF ALLEN ROAD

194.00	12.71	601.31	0.00	0.00	601.40	0.09	0.01	0.00	596.40
1180.	187.	938.	54.	355.	345.	105.	2.	1.	595.90
0.02	0.53	2.72	0.52	C.070	0.027	0.070	0.000	588.60	434.15
0.000160	49.	49.	49.	1	0	0	0.00	244.54	678.69

*SECNO 994.000

3470 ENCROACHMENT STATIONS= 322.0 777.0 TYPE= 1 TARGET= 455.000
DOWNSTREAM OF PRIVATE ROAD

994.00	11.27	601.47	0.00	0.00	601.48	0.02	0.07	0.01	596.20
1180.	315.	354.	511.	734.	207.	1133.	29.	7.	595.50
0.29	0.43	1.71	0.45	C.070	0.027	0.070	0.000	590.20	322.00
0.000060	800.	800.	800.	2	0	0	0.00	455.00	777.00

CCHV= 0.300 CEHV= 0.5C0
*SECNO 1043.000
3280 CROSS SECTION 1043.00 EXTENDED 1.47 FEET

3470 ENCROACHMENT STATIONS= 168.0 598.0 TYPE= 1 TARGET= 430.000

1043.00	11.47	601.47	C.00	0.00	601.49	0.02	0.00	0.00	597.00
1180.	529.	53C.	121.	1219.	361.	262.	31.	8.	596.80
0.31	0.43	1.47	0.46	0.070	0.035	0.070	0.000	590.00	168.00
0.000071	49.	49.	49.	0	0	0	0.00	430.00	598.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	22.00	0.00	110.00	0.00	590.00	590.00

*SECNO 1062.000
3280 CROSS SECTION 1062.00 EXTENDED 1.50 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.26	601.49	0.00	1037.	143.	110.	119.	595.40	596.80

3470 ENCROACHMENT STATIONS= 174.0 594.0 TYPE= 1 TARGET= 420.000

1062.00	11.50	601.50	0.00	0.00	601.51	0.02	0.02	0.00	597.00
1180.	531.	533.	116.	1215.	362.	247.	32.	8.	596.80
0.31	0.44	1.47	0.47	0.070	0.035	0.070	0.000	590.00	174.00
0.000071	19.	19.	19.	1	0	6	0.00	420.00	594.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1111.000

3470 ENCROACHMENT STATIONS= 353.0 748.0 TYPE= 1 TARGET= 395.000
UPSTREAM OF PRIVATE ROAD
DOWNSTREAM OF PRIVATE ROAD

1111.00	11.30	601.50	0.00	0.00	601.52	0.01	0.00	0.00	596.20
1180.	327.	305.	548.	660.	208.	1064.	34.	8.	595.50
0.33	0.50	1.47	0.51	0.070	0.035	0.070	0.000	590.20	353.00
0.000074	49.	49.	49.	0	0	0	0.00	395.00	748.00

*SECNO 1112.000

3470 ENCROACHMENT STATIONS= 353.0 748.0 TYPE= 1 TARGET= 395.000

1112.00	11.80	601.50	0.00	0.00	601.52	0.01	0.00	0.00	596.70
1180.	338.	327.	514.	636.	226.	961.	34.	8.	597.00
0.33	0.53	1.45	0.53	0.070	0.035	0.070	0.000	589.70	353.00
0.000090	1.	1.	1.	0	0	0	0.00	395.00	748.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1160.000

3470 ENCROACHMENT STATIONS= 200.0 570.0 TYPE= 1 TARGET= 370.000

1160.00	11.10	601.50	0.00	0.00	601.53	0.02	0.00	0.01	596.80
1180.	313.	594.	273.	662.	354.	522.	36.	9.	596.70
0.34	0.47	1.68	0.52	0.070	0.035	0.070	0.000	590.40	200.00
0.000095	48.	48.	48.	0	0	0	0.00	370.00	570.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLCBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	95.00	0.00	590.40	590.40

*SECNO 1173.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.24	601.53	0.00	1040.	136.	95.	101.	596.00	596.70

3470 ENCROACHMENT STATIONS= 200.0 570.0 TYPE= 1 TARGET= 370.000

1173.00	11.13	601.53	0.00	0.00	601.55	0.02	0.03	0.00	596.80
1180.	314.	593.	273.	666.	355.	524.	36.	9.	596.70
0.35	0.47	1.67	0.52	0.070	0.035	0.070	0.000	590.40	200.00
0.000094	13.	13.	13.	2	0	6	0.00	370.00	570.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1222.000

3470 ENCROACHMENT STATIONS= 315.0 785.0 TYPE= 1 TARGET= 470.000
UPSTREAM OF PRIVATE ROAD

1222.00	11.85	601.55	0.00	0.00	601.56	0.01	0.00	0.00	596.70
1180.	353.	308.	519.	737.	227.	1063.	38.	9.	597.00
0.36	0.48	1.36	0.49	0.070	0.035	0.070	0.000	589.70	315.00
0.000079	49.	49.	49.	1	0	0	0.00	470.00	785.00

*SECNO 1282.000
3280 CROSS SECTION 1282.00 EXTENDED 1.55 FEET

3470 ENCROACHMENT STATIONS= 205.0 645.0 TYPE= 1 TARGET= 440.000
DOWNSTREAM OF JACKSON RD.

1282.00	11.55	601.55	0.00	0.00	601.56	0.01	0.00	0.00	594.80
1180.	640.	258.	282.	1228.	172.	542.	41.	10.	595.70
0.39	0.52	1.50	0.52	0.070	0.035	0.070	0.000	590.00	205.00
0.000085	60.	60.	60.	0	0	0	0.00	440.00	645.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1331.000
3280 CROSS SECTION 1331.00 EXTENDED 1.56 FEET

3470 ENCROACHMENT STATIONS= 227.0 641.0 TYPE= 1 TARGET= 414.000

1331.00	13.05	601.55	0.00	0.00	601.57	0.03	0.00	0.01	596.90
1180.	380.	513.	287.	782.	274.	710.	43.	11.	597.10
0.40	0.49	1.87	0.40	0.070	0.027	0.070	0.000	588.50	227.00
0.000072	49.	49.	49.	0	0	0	0.00	414.00	641.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.78	2.63	0.00	12.00	0.00	74.00	0.00	588.50	588.50

*SECNO 1373.000
3280 CROSS SECTION 1373.00 EXTENDED 1.56 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.58	601.57	0.00	1102.	90.	74.	96.	596.50	596.90

3470 ENCROACHMENT STATIONS= 238.0 631.0 TYPE= 1 TARGET= 393.000

1373.00	13.06	601.56	0.00	0.00	601.59	0.03	0.02	0.00	596.90
1180.	368.	525.	286.	738.	274.	686.	45.	11.	597.10
0.41	0.50	1.92	0.42	0.070	0.027	0.070	0.000	588.50	238.00
0.000075	42.	42.	42.	2	0	6	0.00	393.00	631.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1422.000
3280 CROSS SECTION 1422.00 EXTENDED 1.57 FEET

3470 ENCROACHMENT STATIONS= 241.0 609.0 TYPE= 1 TARGET= 368.000
UPSTREAM OF JACKSON RD.

1422.00	11.57	601.57	0.00	0.00	601.59	0.02	0.00	0.00	594.80
1180.	605.	336.	239.	1131.	172.	435.	47.	11.	595.70
0.42	0.53	1.95	0.55	0.070	0.027	0.070	0.000	590.00	241.00
0.000066	49.	49.	49.	0	0	0	0.00	368.00	609.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2022.000

3470 ENCROACHMENT STATIONS= 470.0 557.0 TYPE= 1 TARGET= 87.000

DOWNSTREAM OF D.T.I.RR.

2022.00	10.33	601.53	0.00	0.00	601.75	0.22	0.10	0.06	599.10
1180.	32.	1129.	19.	52.	292.	31.	61.	14.	599.10
0.47	0.61	3.87	0.63	0.070	0.027	0.070	0.000	591.20	470.00
0.000410	600.	600.	600.	2	0	0	0.00	87.00	557.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2071.000

2071.00	9.89	601.69	0.00	0.00	601.80	0.11	0.01	0.03	608.70
1180.	0.	1180.	0.	0.	443.	0.	62.	15.	608.50
0.47	0.00	2.66	0.00	0.000	0.027	0.000	0.000	591.80	506.83
0.000192	49.	49.	49.	2	0	0	0.00	62.62	569.45

SPECIAL BRIDGE

SB XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.95	1.83	2.63	0.00	30.00	2.00	207.00	0.00	591.80	591.80

*SECNO 2133.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
602.61	601.81	0.01	0.	1180.	207.	216.	599.50	608.50

2133.00	10.72	602.52	0.00	0.00	602.61	0.09	0.81	0.00	608.70
1180.	0.	1180.	0.	0.	496.	0.	62.	15.	608.50
0.48	0.00	2.38	0.00	0.000	0.027	0.000	0.000	591.80	505.33
0.000140	62.	62.	62.	2	0	0	0.00	65.53	570.85

CCHV= 0.100 CEHV= 0.300

*SECNO 2282.000

3470 ENCROACHMENT STATIONS= 354.0 560.0 TYPE= 1 TARGET= 206.000

UPSTREAM OF D.T.I.RR.

2282.00	11.31	602.51	0.00	0.00	602.66	0.15	0.03	0.02	599.10
1180.	79.	1069.	32.	174.	332.	53.	64.	15.	599.10
0.50	0.46	3.22	0.61	0.070	0.027	0.070	0.000	591.20	354.00
0.000239	149.	149.	149.	2	0	0	0.00	206.00	560.00

PRINTED IN U.S.A.

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    SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS    BANK ELEV
    Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA    LEFT/RIGHT
    TIME       VLOB       VCH        VRCB       XNL        XNCH       XNR        WTN        ELMIN       SSTA
    SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID      ENDST

*SECNO 2562.000

3470 ENCROACHMENT STATIONS=      288.0      354.0  TYPE=      1  TARGET=      66.000
          DOWNSTREAM OF HURON RD.
   2562.00      10.79     602.49       0.00       0.00     602.82       0.33       0.11       0.06     602.70
    1180.         0.       1173.         7.         0.        253.         12.        67.         16.      601.40
     0.51       0.00       4.64       0.56      0.000      0.027      0.070      0.000     591.70     300.50
 0.000775       280.       280.       280.          2          0          0       0.00      53.50     354.00

*SECNO 2611.000

3470 ENCROACHMENT STATIONS=      300.0      342.0  TYPE=      1  TARGET=      42.000
   2611.00      10.67     602.67       0.00       0.00     602.86       0.20       0.03       0.01     602.70
    1180.         0.       1180.         0.         0.        332.         0.         67.         16.   100000.00
     0.52       0.00       3.55       0.00      0.000      0.027      0.000      0.000     592.00     300.05
 0.000386         49.         49.         49.          2          0          0       0.00      41.94     341.99

CCHV=   0.300 CEHV=   0.500
*SECNO 2613.000

3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD=  602.30 MAX ELLC=  599.50

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS     300.00     312.00
   2613.00      10.45     602.45       0.00       0.00     603.09       0.64       0.00       0.22     602.70
    1180.         0.       1180.         0.         0.        184.         0.         67.         16.      602.70
     0.52       0.00       6.41       0.00      0.000      0.027      0.000      0.000     592.00     300.37
 0.004272          2.          2.          2.          3          0          0    -138.99      41.54     341.91

*SECNO 2649.000
3280 CROSS SECTION   2649.00 EXTENDED       0.15 FEET

3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD=  602.60 MAX ELLC=  599.50

3470 ENCROACHMENT STATIONS=      300.0      342.0  TYPE=      1  TARGET=      42.000

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS     300.00     312.00
   2649.00      10.65     602.65       0.00       0.00     603.26       0.61       0.17       0.01     602.70
    1180.         0.       1180.         0.         0.        182.         0.         67.         16.   100000.00
     0.52       0.00       6.27       0.00      0.000      0.027      0.000      0.000     592.00     300.07
 0.005213         36.         36.         36.          3          0          0    -143.58      41.92     341.98
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 2651.000

3470 ENCROACHMENT STATIONS=		300.0	342.0	TYPE=	1	TARGET=	42.000		
2651.00	11.13	603.13	0.00	0.00	603.31	0.17	0.00	0.04	602.70
1180.	0.	1180.	0.	0.	352.	0.	67.	16.	100000.00
0.52	0.00	3.35	0.00	0.000	0.027	0.000	0.000	592.00	300.00
0.000326	2.	2.	2.	2	0	0	0.00	42.00	342.00

*SECNO 2700.000

3470 ENCROACHMENT STATIONS=		286.0	356.0	TYPE=	1	TARGET=	70.000		
UPSTREAM OF HURON RD.									
2700.00	11.39	603.09	0.00	0.00	603.36	0.26	0.02	0.03	602.40
1180.	4.	1162.	14.	10.	281.	22.	68.	16.	601.40
0.52	0.38	4.14	0.63	0.070	0.027	0.070	0.000	591.70	286.00
0.000545	49.	49.	49.	2	0	0	0.00	70.00	356.00

*SECNO 3800.000
3280 CROSS SECTION 3800.00 EXTENDED 0.56 FEET

3470 ENCROACHMENT STATIONS=		480.0	550.0	TYPE=	1	TARGET=	70.000		
DOWNSTREAM OF I-75 EXIT RAMP									
3800.00	10.55	603.55	0.00	0.00	603.68	0.12	0.31	0.01	598.00
1180.	78.	1078.	23.	107.	365.	40.	78.	18.	598.60
0.63	0.73	2.95	0.59	0.070	0.027	0.070	0.000	593.00	480.00
0.000171	1100.	1100.	1100.	1	0	0	0.00	70.00	550.00

*SECNO 3849.000

3849.00	9.65	603.55	0.00	0.00	603.70	0.15	0.01	0.01	606.10
1180.	0.	1180.	0.	0.	378.	0.	79.	18.	606.10
0.64	0.00	3.12	0.00	0.000	0.027	0.000	0.000	593.90	500.00
0.000263	49.	49.	49.	2	0	0	0.00	46.00	546.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3851.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10									
3851.00	9.44	603.34	0.00	0.00	603.90	0.57	0.00	0.21	606.10
1180.	0.	1180.	0.	0.	196.	0.	79.	18.	606.10
0.64	0.00	6.04	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.001133	2.	2.	2.	2	0	0	-172.80	46.00	546.00
*SECNO 3893.000									
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10									
3893.00	9.49	603.39	0.00	0.00	603.95	0.57	0.05	0.00	606.10
1180.	0.	1180.	0.	0.	196.	0.	79.	18.	606.10
0.64	0.00	6.04	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.001133	42.	42.	42.	1	0	0	-174.57	46.00	546.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3895.000									
3895.00	9.95	603.85	0.00	0.00	604.00	0.14	0.00	0.04	606.10
1180.	0.	1180.	0.	0.	392.	0.	79.	18.	606.10
0.64	0.00	3.01	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000073	2.	2.	2.	2	0	0	0.00	46.00	546.00
*SECNO 3929.000									
3280 CROSS SECTION 3929.00 EXTENDED 0.87 FEET									
3470 ENCROACHMENT STATIONS= 488.0 553.0 TYPE= 1 TARGET= 65.000									
UPSTREAM OF I-75 EXIT RAMP									
DOWNSTREAM OF N+S BOUND I-75									
3929.00	10.86	603.86	0.00	0.00	604.00	0.13	0.00	0.00	598.00
1180.	26.	1133.	21.	69.	378.	58.	79.	18.	598.60
0.64	0.38	3.00	0.36	0.070	0.015	0.070	0.000	593.00	488.00
0.000052	34.	34.	34.	1	0	0	0.00	65.00	553.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3978.000									
3978.00	10.13	603.83	0.00	0.00	604.05	0.22	0.01	0.04	613.30
1180.	0.	1180.	0.	0.	315.	0.	80.	18.	612.30
0.65	0.00	3.74	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000412	49.	49.	49.	2	0	0	0.00	39.00	439.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	2.60	2.63	0.00	22.00	1.00	177.00	0.00	594.00	594.00

*SECNO 4200.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.62	604.06	0.01	0.	1180.	177.	172.	602.20	612.30

4200.00	11.77	605.47	0.00	0.00	605.62	0.15	1.58	0.00	613.30
1180.	0.	1180.	0.	0.	379.	0.	81.	18.	612.30
0.67	0.00	3.11	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000241	222.	222.	222.	2	0	0	0.00	39.00	439.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4249.000
3280 CROSS SECTION 4249.00 EXTENDED 2.60 FEET

3470 ENCROACHMENT STATIONS= 450.0 587.0 TYPE= 1 TARGET= 137.000
UPSTREAM OF N+S BOUND I-75

4249.00	12.60	605.60	0.00	0.00	605.64	0.04	0.00	0.01	598.00
1180.	183.	337.	160.	355.	451.	316.	82.	18.	598.60
0.67	0.52	1.86	0.51	0.070	0.027	0.070	0.000	593.00	450.00
0.000051	49.	49.	49.	2	0	0	0.00	137.00	587.00

*SECNO 4749.000
3250 CROSS SECTION 4749.00 EXTENDED 0.15 FEET

3470 ENCROACHMENT STATIONS= 170.0 675.0 TYPE= 1 TARGET= 505.000
DOWNSTREAM OF SEAWAY ROAD

4749.00	11.95	605.65	0.00	0.00	605.66	0.02	0.02	0.00	598.90
1130.	543.	525.	112.	1490.	363.	391.	102.	22.	599.70
0.84	0.36	1.44	0.29	0.070	0.027	0.070	0.000	593.70	170.00
0.000040	500.	500.	500.	2	0	0	0.00	505.00	675.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 4798.000
3280 CROSS SECTION 4798.00 EXTENDED 3.65 FEET

3470 ENCROACHMENT STATIONS=			155.0	665.0	TYPE=	1	TARGET=	480.000		
4798.00	111.15	605.65	0.00	0.00	605.67	0.01	0.00	0.00	603.00	
1130.	291.	650.	240.	572.	557.	516.	104.	23.	603.40	
0.86	0.51	1.17	0.46	0.070	0.027	0.070	0.000	494.50	185.00	
0.000155	49.	49.	49.	0	0	0	0.00	480.00	665.00	

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.63	0.00	29.00	0.00	146.00	0.00	594.20	594.20

*SECNO 4855.000
PRESS FLOW BECAUSE EGLWC OF 705.37 EXCEEDS 1.5 DEPTH
3280 CROSS SECTION 4855.00 EXTENDED 3.69 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
607.30	705.37	0.00	994.	185.	146.	189.	600.70	603.00

3470 ENCROACHMENT STATIONS=			200.0	650.0	TYPE=	1	TARGET=	450.000		
4855.00	111.18	605.68	0.00	0.00	605.69	0.01	0.03	0.00	603.00	
1180.	288.	666.	226.	547.	559.	479.	106.	23.	603.40	
0.87	0.53	1.19	0.47	0.070	0.027	0.070	0.000	494.50	200.00	
0.000162	57.	57.	57.	1	0	6	0.00	450.00	650.00	

CCHV= 0.100 CEHV= 0.300
*SECNO 4904.000
3280 CROSS SECTION 4904.00 EXTENDED 0.19 FEET

3470 ENCROACHMENT STATIONS=			215.0	640.0	TYPE=	1	TARGET=	425.000		

UPSTREAM OF SEAWAY ROAD

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
4904.00	11.98	605.68	0.00	0.00	605.70	0.02	0.00	0.00	598.90
1180.	514.	560.	105.	1316.	365.	324.	108.	24.	599.70
0.89	0.39	1.54	0.33	0.070	0.027	0.070	0.000	593.70	215.00
0.000045	49.	49.	49.	0	0	0	0.00	425.00	640.00

*SECNO 5604.000

3470 ENCROACHMENT STATIONS= 477.0 552.0 TYPE= 1 TARGET= 75.000

DOWNSTREAM OF R.R.BRIDGE

5604.00	10.73	605.63	0.00	0.00	605.82	0.19	0.07	0.05	600.30
1180.	124.	932.	125.	120.	240.	122.	128.	28.	600.30
0.95	1.03	3.88	1.02	0.070	0.027	0.070	0.000	594.90	477.00
0.000341	700.	700.	700.	2	0	0	0.00	75.00	552.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5668.000

5668.00	10.33	605.63	0.00	0.00	605.85	0.22	0.02	0.02	610.60
1180.	0.	1180.	0.	0.	311.	0.	128.	28.	610.60
0.95	0.00	3.80	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000175	64.	64.	64.	1	0	0	0.00	42.00	442.00

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	14.50	2.00	402.00	2.00	595.30	595.30

*SECNO 5684.000

CLASS A LOW FLOW

3420 BRIDGE W.S.= 605.61 BRIDGE VELOCITY= 3.46 CALCULATED CHANNEL AREA= 341.

EGPRS	EGLWC	HI	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD
0.00	605.86	0.01	0.	1180.	402.	456.	607.60	610.60

5684.00	10.34	605.64	0.00	0.00	605.86	0.22	0.01	0.00	610.60
1180.	0.	1180.	0.	0.	311.	0.	129.	28.	610.60
0.95	0.00	3.79	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000174	16.	16.	16.	0	0	0	0.00	42.00	442.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 5733.000

3470 ENCROACHMENT STATIONS= 440.0 582.0 TYPE= 1 TARGET= 142.000
UPSTREAM OF R.R.BRIDGE

5733.00	10.85	605.75	0.00	0.00	605.88	0.13	0.01	0.01	600.30
1180.	191.	834.	155.	308.	244.	263.	129.	28.	600.30
0.96	0.62	3.42	0.59	0.070	0.017	0.070	0.000	594.90	440.00
0.000103	49.	49.	49.	2	0	0	0.00	142.00	582.00

*SECNO 5833.000
3280 CROSS SECTION 5833.00 EXTENDED 1.81 FEET

3470 ENCROACHMENT STATIONS= 340.0 682.0 TYPE= 1 TARGET= 342.000
DOWNSTREAM OF EURIKA ROAD

5833.00	10.31	605.81	0.00	0.00	605.89	0.03	0.01	0.00	603.30
1180.	213.	797.	170.	520.	290.	434.	132.	29.	602.60
0.97	0.41	2.75	0.39	0.070	0.017	0.070	0.000	595.50	340.00
0.000079	100.	100.	100.	2	0	0	0.00	342.00	682.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5882.000
3280 CROSS SECTION 5882.00 EXTENDED 9.39 FEET

3470 ENCROACHMENT STATIONS= 100.0 522.0 TYPE= 1 TARGET= 422.000

5882.00	9.39	605.89	0.00	0.00	605.91	0.02	0.00	0.02	602.90
1180.	204.	773.	203.	568.	508.	515.	133.	29.	603.50
0.99	0.36	1.52	0.39	0.060	0.027	0.060	0.000	596.50	100.00
0.000053	49.	49.	49.	2	0	0	0.00	422.00	522.00

SPECIAL BRIDGE

SB	XK	XKCR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.63	2.63	0.00	36.00	0.00	125.00	0.00	596.00	596.00

*SECNO 5984.000
3280 CROSS SECTION 5984.00 EXTENDED 9.47 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRCB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.53	605.41	0.00	1009.	171.	125.	151.	600.20	602.90

3470 ENCROACHMENT STATIONS= 35.0 650.0 TYPE= 1 TARGET= 615.000

5984.00	9.46	605.96	0.00	0.00	605.97	0.01	0.05	0.00	602.90
1180.	175.	526.	479.	733.	513.	1358.	138.	30.	603.50
1.03	0.24	1.03	0.35	0.060	0.027	0.060	0.000	596.50	35.00
0.000024	102.	102.	102.	0	0	7	0.00	615.00	650.00

CCHV= 0.100 CEHV= 0.300
*SECNO 6033.000
3280 CROSS SECTION 6033.00 EXTENDED 1.96 FEET

3470 ENCROACHMENT STATIONS= 150.0 740.0 TYPE= 1 TARGET= 590.000
UPSTREAM OF EURIKA ROAD

6033.00	10.45	605.95	0.00	0.00	605.97	0.02	0.00	0.00	603.30
1180.	450.	468.	262.	1069.	295.	623.	141.	31.	602.60
1.05	0.42	1.58	0.42	0.060	0.027	0.060	0.000	595.50	150.00
0.000064	49.	49.	49.	0	0	0	0.00	590.00	740.00

*SECNO 6533.000
3280 CROSS SECTION 6533.00 EXTENDED 2.47 FEET

3470 ENCROACHMENT STATIONS= 355.0 695.0 TYPE= 1 TARGET= 340.000
DOWNSTREAM OF RACHO ROAD

6533.00	10.78	605.98	0.00	0.00	606.00	0.02	0.03	0.00	601.50
1180.	321.	438.	421.	620.	254.	774.	162.	36.	601.30
1.19	0.52	1.72	0.54	0.060	0.027	0.060	0.000	595.20	355.00
0.000064	500.	500.	500.	0	0	0	0.00	340.00	695.00

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6582.000
3280 CROSS SECTION 6582.00 EXTENDED 2.95 FEET

3470 ENCROACHMENT STATIONS= 140.0 455.0 TYPE= 1 TARGET= 315.000

6582.00	10.75	605.95	0.00	0.00	606.05	0.10	0.01	0.04	604.50
1180.	267.	717.	196.	359.	230.	270.	163.	37.	604.50
1.19	0.74	3.12	0.73	0.060	0.027	0.060	0.000	595.20	140.00
0.000299	49.	49.	49.	2	0	0	0.00	315.00	455.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	10.00	0.00	51.00	0.00	595.20	595.20

*SECNO 6690.000
6870 D.S. ENERGY OF 606.05 HIGHER THAN COMPUTED ENERGY OF 606.01
3280 CROSS SECTION 6690.00 EXTENDED 2.91 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
625.98	606.05	0.00	1116.	64.	51.	64.	601.60	604.50

3470 ENCROACHMENT STATIONS= 170.0 430.0 TYPE= 1 TARGET= 260.000

6690.00	10.71	605.91	0.00	0.00	606.05	0.14	0.00	0.00	604.50
1180.	222.	812.	146.	273.	228.	191.	165.	37.	604.50
1.21	0.81	3.56	0.76	0.060	0.027	0.060	0.000	595.20	170.00
0.000391	108.	108.	108.	2	0	7	0.00	260.00	430.00

CCHV= 0.100 CEHV= 0.300
*SECNO 6739.000
3280 CROSS SECTION 6739.00 EXTENDED 2.53 FEET

3470 ENCROACHMENT STATIONS= 407.0 643.0 TYPE= 1 TARGET= 236.000
UPSTREAM OF RACHO ROAD

6739.00	10.83	606.03	0.00	0.00	606.06	0.03	0.01	0.01	601.50
1180.	273.	537.	371.	424.	255.	552.	166.	33.	601.30
1.22	0.64	2.10	0.67	0.060	0.027	0.060	0.000	595.20	407.00
0.000094	49.	49.	49.	2	0	0	0.00	236.00	643.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSIA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7439.000

3470 ENCROACHMENT STATIONS= 480.0 560.0 TYPE= 1 TARGET= 80.000

DOWNSTREAM OF DRIVE TO SHOPPING CENTER

7439.00	10.11	605.81	0.00	0.00	606.26	0.45	0.07	0.12	605.20
1180.	3.	1114.	63.	7.	202.	50.	171.	39.	603.60
1.23	0.44	5.52	1.27	0.060	0.027	0.060	0.000	595.70	480.00
0.001197	300.	300.	300.	2	0	0	0.00	80.00	560.00

CCHV= 0.300 CEHV= 0.500

*SECNO 7488.000

7488.00	8.91	606.21	0.00	0.00	606.37	0.16	0.03	0.09	607.50
1180.	0.	1180.	0.	0.	372.	0.	171.	39.	607.90
1.24	0.00	3.18	0.00	0.000	0.027	0.000	0.000	597.30	201.86
0.000287	49.	49.	49.	2	0	0	0.00	52.60	254.46

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.71	2.63	0.00	32.00	0.00	107.00	0.00	597.30	597.30

*SECNO 7580.000

3280 CROSS SECTION 7580.00 EXTENDED 1.85 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.44	606.37	0.00	133.	1040.	107.	157.	602.20	607.50

3470 ENCROACHMENT STATIONS= 150.0 386.0 TYPE= 1 TARGET= 236.000

7580.00	11.35	608.65	0.00	0.00	608.72	0.08	2.35	0.00	607.50
1180.	26.	1136.	13.	70.	505.	90.	173.	39.	607.90
1.25	0.37	2.25	0.20	0.050	0.027	0.060	0.000	597.30	150.00
0.000106	92.	92.	92.	2	0	2	0.00	236.00	386.00

CCHV= 0.100 CEHV= 0.300

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7629.000

3280 CROSS SECTION 7629.00 EXTENDED 0.46 FEET

3470 ENCROACHMENT STATIONS= 402.0 645.0 TYPE= 1 TARGET= 243.000

UPSTREAM OF DRIVE TO SHOPPING CENTER

7629.00	12.97	608.67	0.00	0.00	608.73	0.06	0.01	0.00	605.20
1180.	140.	745.	296.	251.	298.	417.	173.	39.	603.60
1.25	0.56	2.50	0.71	0.060	0.027	0.060	0.000	595.70	402.00
0.000145	49.	49.	49.	0	0	0	0.00	243.00	645.00

*SECNO 8001.000

DOWNSTREAM OF SHOPPING CENTER DRIVE

8001.00	12.67	608.67	0.00	0.00	608.82	0.15	0.07	0.03	605.70
1180.	38.	1141.	0.	98.	359.	5.	180.	41.	608.40
1.29	0.39	3.19	0.10	0.060	0.027	0.060	0.000	596.00	346.84
0.000241	372.	372.	372.	2	0	0	0.00	230.18	577.02

CCHV= 0.300 CEHV= 0.500

*SECNO 8050.000

3280 CROSS SECTION 8050.00 EXTENDED 0.76 FEET

3470 ENCROACHMENT STATIONS= 290.0 545.0 TYPE= 1 TARGET= 255.000

3050.00	12.56	608.76	0.00	0.00	608.85	0.09	0.01	0.02	608.50
1180.	7.	1173.	0.	45.	482.	0.	180.	42.	609.10
1.29	0.14	2.44	0.00	0.070	0.027	0.000	0.000	596.20	290.00
0.000150	49.	49.	49.	2	0	0	0.00	167.49	457.49

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	28.00	0.00	130.00	0.00	596.20	596.20

*SECNO 8163.000

3265 DIVIDED FLOW

3280 CROSS SECTION 8163.00 EXTENDED 1.08 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.03	608.85	0.00	692.	495.	130.	185.	602.80	608.50

3470 ENCROACHMENT STATIONS=			280.0	560.0	TYPE=	1	TARGET=	280.000	
8163.00	12.88	609.08	0.00	0.00	609.16	0.08	0.31	0.00	608.50
1180.	17.	1163.	0.	37.	500.	4.	182.	42.	609.10
1.31	0.20	2.33	0.08	0.070	0.027	0.070	0.000	596.20	280.00
0.000132	113.	113.	113.	2	0	4	0.00	199.89	560.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8212.000

3470 ENCROACHMENT STATIONS=			334.0	589.0	TYPE=	1	TARGET=	255.000	
UPSTREAM OF SHOPPING CENTER DRIVE									
8212.00	13.05	609.05	0.00	0.00	609.18	0.13	0.01	0.01	605.70
1180.	55.	1121.	4.	160.	374.	21.	182.	42.	608.40
1.31	0.34	3.00	0.18	0.070	0.027	0.070	0.000	596.00	334.00
0.000201	49.	49.	49.	2	0	0	0.00	255.00	589.00

*SECNO 8537.000
DOWNSTREAM OF SHOPPING CENTER DRIVE

8537.00	11.47	609.07	0.00	0.00	609.32	0.26	0.10	0.04	607.40
1180.	46.	1134.	0.	87.	273.	0.	186.	44.	609.00
1.33	0.53	4.15	0.35	0.070	0.027	0.070	0.000	597.60	286.49
0.000601	325.	325.	325.	2	0	0	0.00	158.58	445.07

CCHV= 0.300 CEHV= 0.500
*SECNO 8586.000

3470 ENCROACHMENT STATIONS=			188.0	448.0	TYPE=	1	TARGET=	260.000	
8586.00	11.08	609.28	0.00	0.00	609.38	0.11	0.01	0.05	608.60
1180.	12.	1166.	2.	60.	442.	13.	186.	44.	609.10
1.34	0.20	2.64	0.10	0.070	0.027	0.070	0.000	598.20	188.00
0.000184	49.	49.	49.	2	0	0	0.00	260.00	448.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XR	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.72	2.63	0.00	29.00	0.00	125.00	0.00	598.20	598.20

*SECNO 8683.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.66	609.38	0.00	629.	553.	125.	186.	604.60	608.60

3470 ENCROACHMENT STATIONS= 186.0 486.0 TYPE= 1 TARGET= 300.000

8683.00	11.52	609.72	0.00	0.00	609.81	0.09	0.43	0.00	608.60
1180.	28.	1138.	13.	111.	467.	74.	187.	45.	609.10
1.35	0.25	2.44	0.18	0.070	0.027	0.070	0.000	598.20	186.00
0.000145	97.	97.	97.	2	0	4	0.00	300.00	486.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8732.000
UPSTREAM OF SHOPPING CENTER DR.

8732.00	12.06	609.66	0.00	0.00	609.85	0.19	0.01	0.03	607.40
1130.	94.	1084.	2.	139.	298.	10.	188.	45.	609.00
1.36	0.50	3.63	0.21	0.070	0.027	0.070	0.000	597.60	181.83
0.000409	49.	49.	49.	2	0	0	0.00	290.33	472.16

*SECNO 9057.000
3280 CROSS SECTION 9057.00 EXTENDED 2.37 FEET

DOWNSTREAM OF SHOPPING CENTER DRIVE

9057.00	12.07	609.87	0.00	0.00	609.91	0.04	0.04	0.01	606.70
1180.	96.	392.	192.	351.	478.	498.	195.	43.	603.30
1.42	0.27	1.87	0.39	0.070	0.027	0.070	0.000	597.80	194.40
0.000062	325.	325.	325.	2	0	0	0.00	405.60	600.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9106.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 9106.00 EXTENDED 3.89 FEET

3470 ENCROACHMENT STATIONS=		110.0	600.0	TYPE=	1	TARGET=	490.000		
9106.00	11.39	609.89	0.00	0.00	609.92	0.02	0.00	0.01	607.90
1180.	65.	695.	419.	282.	44C.	1021.	197.	48.	607.40
1.43	0.23	1.58	0.41	C.070	0.027	0.070	0.000	598.50	110.00
0.000058	49.	49.	49.	1	0	0	0.00	490.00	600.CO

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.70	2.63	0.00	30.00	0.00	126.00	0.00	598.50	598.50

*SECNO 9201.000

3280 CROSS SECTION 9201.00 EXTENDED 3.93 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.21	609.92	0.00	986.	191.	126.	183.	604.60	607.40

3470 ENCROACHMENT STATIONS=		135.0	575.0	TYPE=	1	TARGET=	440.000		
9201.00	11.43	609.93	0.00	0.00	609.95	0.03	0.04	0.00	607.90
1180.	70.	716.	393.	283.	442.	931.	200.	49.	607.40
1.45	0.25	1.62	0.42	C.070	0.027	0.070	0.000	598.50	135.00
0.000060	95.	95.	95.	2	0	6	0.00	440.00	575.00

CCHV= 0.100 CEHV= 0.300

*SECNO 9250.000

3280 CROSS SECTION 9250.00 EXTENDED 2.43 FEET

3470 ENCROACHMENT STATIONS=		190.0	605.0	TYPE=	1	TARGET=	415.000		
UPSTREAM OF SHOPPING CENTER DRIVE									
9250.00	12.12	609.92	0.00	0.00	609.96	0.04	0.00	0.00	606.80
1180.	98.	897.	195.	361.	45C.	506.	202.	50.	603.30
1.46	0.27	1.85	0.39	C.070	0.027	0.070	0.000	597.80	190.00
0.000060	49.	49.	49.	1	0	0	0.00	410.00	600.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9607.000
3280 CROSS SECTION 9607.00 EXTENDED 3.97 FEET

3470 ENCROACHMENT STATIONS= 35.0 770.0 TYPE= 1 TARGET= 735.000
DOWNSTREAM OF NEW PARDEE ROAD

9607.00	11.27	609.97	0.00	0.00	609.98	0.02	0.02	0.00	605.70
1180.	289.	483.	408.	1008.	313.	994.	217.	54.	605.70
1.58	0.29	1.55	0.41	0.070	0.027	0.070	0.000	598.70	35.00
0.000055	357.	357.	357.	2	0	0	0.00	735.00	770.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9676.000
3280 CROSS SECTION 9676.00 EXTENDED 3.97 FEET

9676.00	10.98	609.98	0.00	0.00	609.99	0.01	0.00	0.00	605.50
1180.	292.	527.	361.	1186.	442.	1158.	221.	55.	605.30
1.61	0.25	1.19	0.31	0.070	0.027	0.070	0.000	599.00	0.00
0.000028	69.	69.	69.	0	0	0	0.00	700.00	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.90	2.63	0.00	27.00	0.00	95.00	0.00	599.00	599.00

*SECNO 9676.000
3230 CROSS SECTION 9676.00 EXTENDED 4.02 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.53	609.99	0.00	1061.	119.	95.	127.	603.70	605.30

9676.00	11.01	610.01	0.00	0.00	610.02	0.01	0.04	0.00	605.50
1180.	294.	524.	362.	1205.	444.	1170.	227.	57.	605.30
1.65	0.24	1.18	0.31	0.070	0.027	0.070	0.000	599.00	0.00
0.000027	98.	98.	98.	1	0	6	0.00	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 9823.000
3280 CROSS SECTION 9823.00 EXTENDED 4.02 FEET

UPSTREAM OF NEW PARDEE RD.

9823.00	11.31	610.01	0.00	0.00	610.03	0.01	0.00	0.00	605.70
1180.	282.	460.	438.	1040.	314.	1127.	230.	58.	605.70
1.66	0.27	1.46	0.39	0.070	0.027	0.070	0.000	598.70	0.00
0.000049	49.	49.	49.	0	0	0	0.00	800.00	800.00

*SECNO 10293.000
3280 CROSS SECTION 10293.00 EXTENDED 4.03 FEET

DOWNSTREAM OF DRIVEWAY TO BIG@M@

10293.00	10.64	610.04	0.00	0.00	610.06	0.02	0.03	0.00	607.30
1180.	205.	523.	453.	681.	320.	1019.	255.	66.	606.90
1.80	0.30	1.63	0.44	0.070	0.027	0.070	0.000	599.40	148.46
0.000071	470.	470.	470.	0	0	0	0.00	651.54	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10342.000
3280 CROSS SECTION 10342.00 EXTENDED 3.04 FEET

10342.00	11.25	610.05	0.00	0.00	610.05	0.01	0.00	0.00	608.80
1180.	5.	533.	641.	54.	384.	1815.	257.	66.	607.30
1.32	0.09	1.39	0.35	0.070	0.027	0.070	0.000	598.30	260.11
0.000044	49.	49.	49.	0	0	0	0.00	639.89	900.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	20.00	2.00	124.00	0.00	588.80	588.80

*SECNO 10400.000
3280 CROSS SECTION 10400.00 EXTENDED 3.09 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
612.45	610.06	0.00	1002.	177.	124.	297.	605.30	607.30	
10400.00	11.29	610.09	0.00	0.00	610.10	0.01	0.04	0.00	608.80
1180.	6.	530.	644.	51.	386.	1839.	260.	67.	607.30
1.84	0.10	1.37	0.35	0.070	0.027	0.070	0.000	598.80	251.23
0.000042	58.	58.	58.	1	0	6	0.00	648.77	900.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10449.000
3280 CROSS SECTION 10449.00 EXTENDED 4.09 FEET

3470 ENCROACHMENT STATIONS= 160.0 785.0 TYPE= 1 TARGET= 625.000
UPSTREAM OF DRIVEWAY TO BIG@M@

10449.00	10.68	610.08	0.00	0.00	610.10	0.02	0.00	0.00	607.30
1180.	214.	530.	436.	699.	322.	972.	262.	68.	606.90
1.85	0.31	1.64	0.45	0.070	0.027	0.070	0.000	599.40	160.00
0.000071	49.	49.	49.	0	0	0	0.00	625.00	785.00

*SECNO 10754.000
3280 CROSS SECTION 10754.00 EXTENDED 4.10 FEET

3470 ENCROACHMENT STATIONS= 310.0 780.0 TYPE= 1 TARGET= 470.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

10754.00	10.90	610.10	0.00	0.00	610.13	0.04	0.02	0.00	609.40
1180.	37.	724.	419.	189.	382.	885.	274.	72.	605.60
1.92	0.20	1.89	0.47	0.070	0.027	0.070	0.000	599.20	310.00
0.000085	305.	305.	305.	0	0	0	0.00	470.00	780.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10803.000
3280 CROSS SECTION 10803.00 EXTENDED 2.10 FEET

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
10803.00	10.69	610.09	0.00	0.00	610.15	0.06	0.01	0.01	609.20
1180.	3.	805.	372.	20.	340.	835.	276.	72.	608.00
1.92	0.15	2.37	0.45	0.070	0.027	0.070	0.000	599.40	255.23
0.000142	49.	49.	49.	1	0	0	0.00	444.77	700.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.75	2.63	0.00	19.00	1.00	120.00	0.00	599.40	599.40

*SECNO 10871.000
3280 CROSS SECTION 10871.00 EXTENDED 2.10 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.72	610.15	0.00	977.	199.	120.	115.	605.80	608.10

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

10871.00	10.70	610.10	0.00	0.00	610.16	0.06	0.01	0.00	609.20
1180.	3.	804.	373.	20.	340.	838.	278.	73.	608.00
1.93	0.15	2.36	0.45	0.070	0.027	0.070	0.000	599.40	254.75
0.000141	68.	68.	68.	2	0	6	0.00	445.25	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10920.000
3280 CROSS SECTION 10920.00 EXTENDED 4.14 FEET

3470 ENCROACHMENT STATIONS= 274.0 819.0 TYPE= 1 TARGET= 545.000
UPSTREAM OF DRIVEWAY TO 2BIG MQ

10920.00	10.74	610.14	0.00	0.00	610.17	0.03	0.00	0.00	609.40
1180.	44.	670.	466.	235.	382.	1050.	279.	74.	605.60
1.95	0.19	1.75	0.44	0.070	0.027	0.070	0.000	599.40	274.00
0.000073	49.	49.	49.	2	0	0	0.00	545.00	819.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11098.000
3280 CROSS SECTION 11098.00 EXTENDED 2.16 FEET

3470 ENCROACHMENT STATIONS= 100.0 775.0 TYPE= 1 TARGET= 675.000
DOWNSTREAM OF DRIVEWAY TO @BIG %@

11098.00	10.65	610.15	0.00	0.00	610.19	0.03	0.01	0.00	607.50
1180.	293.	692.	195.	805.	358.	532.	286.	76.	607.30
1.98	0.36	1.94	0.37	0.070	0.027	0.070	0.000	599.50	100.00
0.000096	178.	178.	178.	0	0	0	0.00	675.00	775.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11147.000
3280 CROSS SECTION 11147.00 EXTENDED 0.13 FEET

11147.00	10.23	610.13	0.00	0.00	610.23	0.10	0.01	0.03	609.10
1180.	10.	954.	217.	57.	332.	555.	288.	77.	608.60
1.99	0.17	2.88	0.39	0.070	0.027	0.070	0.000	599.90	134.34
0.000214	49.	49.	49.	2	0	0	0.00	665.66	800.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	19.00	1.00	107.00	0.00	600.00	600.00

*SECNO 11205.000
5870 D.S. ENERGY OF 610.23 HIGHER THAN COMPUTED ENERGY OF 610.21
3280 CROSS SECTION 11205.00 EXTENDED 0.13 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.36	610.24	0.00	993.	187.	107.	106.	605.90	608.60

11205.00	10.23	610.13	0.00	0.00	610.23	0.10	0.00	0.00	609.10
1180.	10.	954.	217.	57.	332.	555.	289.	78.	608.60
2.00	0.17	2.88	0.39	0.070	0.027	0.070	0.000	599.90	134.32
0.000214	58.	58.	58.	2	0	7	0.00	665.68	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 11254.000
3280 CROSS SECTION 11254.00 EXTENDED 2.21 FEET

3470 ENCROACHMENT STATIONS= 90.0 780.0 TYPE= 1 TARGET= 690.000
UPSTREAM OF DRIVEWAY TO @BIG M@

11254.00	10.71	610.21	0.00	0.00	610.24	0.03	0.01	0.01	607.50
1180.	297.	683.	200.	829.	360.	554.	291.	78.	607.30
2.01	0.36	1.90	0.36	0.070	0.027	0.070	0.000	599.50	90.00
0.000091	49.	49.	49.	2	0	0	0.00	690.00	780.00

*SECNO 11404.000
3280 CROSS SECTION 11404.00 EXTENDED 1.71 FEET

3470 ENCROACHMENT STATIONS= 250.0 900.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF SYRACUSE RD.

11404.00	9.61	610.21	0.00	0.00	610.28	0.06	0.02	0.01	607.30
1180.	83.	579.	518.	190.	207.	832.	296.	81.	608.30
2.03	0.44	2.80	0.62	0.070	0.027	0.070	0.000	600.60	285.09
0.000287	150.	150.	150.	2	0	0	0.00	614.91	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11453.000
3280 CROSS SECTION 11453.00 EXTENDED 0.72 FEET

3470 ENCROACHMENT STATIONS= 175.0 800.0 TYPE= 1 TARGET= 625.000

11453.00	10.03	610.23	0.00	0.00	610.29	0.06	0.01	0.00	607.40
1180.	144.	614.	422.	307.	228.	757.	297.	81.	607.00
2.04	0.47	2.69	0.55	0.070	0.027	0.070	0.000	600.20	184.65
0.000212	49.	49.	49.	0	0	0	0.00	615.35	800.00

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.38	2.63	0.00	18.00	0.00	68.00	0.00	600.20	600.20

*SECNO 11643.000
3280 CROSS SECTION 11643.00 EXTENDED 0.74 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
621.36	610.29	0.00	1089.	91.	68.	104.	606.00	607.00

11643.00	10.04	610.24	0.00	0.00	610.29	0.06	0.01	0.00	607.40
1180.	145.	612.	423.	310.	229.	772.	303.	84.	607.00
2.07	0.47	2.67	0.55	0.070	0.027	0.070	0.000	600.20	184.04
0.000210	190.	190.	190.	2	0	7	0.00	615.96	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11692.000
3280 CROSS SECTION 11692.00 EXTENDED 1.75 FEET

UPSTREAM OF SYRACUSE RD.

11692.00	9.65	610.25	0.00	0.00	610.31	0.06	0.01	0.00	607.30
1180.	85.	574.	521.	197.	208.	344.	304.	85.	608.30
2.08	0.43	2.77	0.62	0.070	0.027	0.070	0.000	600.60	283.55
0.000277	49.	49.	49.	0	0	0	0.00	616.45	900.00

*SECNO 12692.000
3280 CROSS SECTION 12692.00 EXTENDED 2.17 FEET

3470 ENCROACHMENT STATIONS= 370.0 705.0 TYPE= 1 TARGET= 335.000

DOWNSTREAM OF NB OF TELEGRAPH RD.

12692.00	7.97	610.57	0.00	0.00	610.66	0.10	0.34	0.01	607.40
1180.	137.	526.	517.	210.	145.	555.	329.	96.	607.20
2.21	0.65	3.62	0.93	0.070	0.027	0.070	0.000	602.60	370.00
0.000441	1000.	1000.	1000.	2	0	0	0.00	335.00	705.00

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 12741.000
3280 CROSS SECTION 12741.00 EXTENDED 1.10 FEET

3470 ENCROACHMENT STATIONS= 230.0 540.0 TYPE= 1 TARGET= 310.000

12741.00	8.70	610.50	0.00	0.00	610.78	0.28	0.03	0.09	609.40
1180.	210.	970.	0.	297.	208.	0.	330.	96.	609.40
2.22	0.71	4.67	0.00	0.060	0.027	0.000	0.000	601.80	230.00
0.000717	49.	49.	49.	2	0	0	0.00	299.00	529.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.49	2.63	0.00	12.00	0.00	52.00	0.00	601.80	601.80

*SECNO 12831.000
6870 D.S. ENERGY OF 610.78 HIGHER THAN COMPUTED ENERGY OF 610.67
3280 CROSS SECTION 12831.00 EXTENDED 1.08 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
630.41	610.78	0.00	1070.	109.	52.	56.	606.50	609.40

3470 ENCROACHMENT STATIONS= 270.0 530.0 TYPE= 1 TARGET= 260.000

12831.00	8.67	610.47	0.00	0.30	610.78	0.31	0.00	0.00	609.40
1180.	131.	999.	0.	248.	207.	0.	331.	97.	609.40
2.22	0.73	4.82	0.00	0.060	0.027	0.000	0.000	601.80	270.00
0.000798	90.	90.	90.	2	0	7	0.00	259.00	529.00

CCHV= 0.100 CEHV= 0.300
*SECNO 12880.000
3280 CROSS SECTION 12830.00 EXTENDED 2.31 FEET

3470 ENCROACHMENT STATIONS= 420.0 635.0 TYPE= 1 TARGET= 215.000
UPSTREAM OF NB OF TELEGRAPH RD.
DOWNSTREAM OF SB OF TELEGRAPH RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
12880.00	8.11	610.71	0.00	0.00	610.83	0.12	0.03	0.02	607.40
1180.	153.	571.	456.	168.	149.	380.	331.	97.	607.20
2.23	0.91	3.84	1.20	0.060	0.027	0.060	0.000	602.60	420.00
0.000484	49.	49.	49.	2	0	0	0.00	215.00	635.00

*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 2.31 FEET

3470 ENCROACHMENT STATIONS= 420.0 635.0 TYPE= 1 TARGET= 215.000

12880.00	8.11	610.71	0.00	0.00	610.83	0.12	0.00	0.00	607.40
1180.	153.	571.	456.	168.	148.	379.	331.	97.	607.20
2.23	0.91	3.85	1.20	0.060	0.027	0.060	0.000	602.60	420.00
0.000484	0.	0.	0.	0	0	0	0.00	215.00	635.00

CCHV= 0.300 CEHV= 0.300
*SECNO 12929.000

3265 DIVIDED FLOW

3280 CROSS SECTION 12929.00 EXTENDED 0.64 FEET

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 40.0 700.0 TYPE= 1 TARGET= 660.000

12929.00	8.24	610.64	609.61	0.00	611.32	0.68	0.04	0.45	611.20
1130.	1.	1154.	25.	5.	172.	41.	332.	97.	611.20
2.23	0.18	6.70	0.61	0.060	0.027	0.060	0.000	602.40	40.00
0.002328	49.	49.	49.	4	15	0	0.00	265.19	700.00

SPECIAL BRIDGE

SB	XK	XKOP	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	20.00	0.00	122.00	0.00	602.40	602.40

*SECNO 12986.000
3280 CROSS SECTION 12986.00 EXTENDED 2.46 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.37	611.37	0.00	174.	1005.	122.	142.	609.50	611.20

3470 ENCROACHMENT STATIONS= 200.0 505.0 TYPE= 1 TARGET= 305.000

12986.00	10.06	612.46	0.00	0.00	612.62	0.17	1.30	0.00	611.20
1180.	220.	901.	59.	304.	243.	89.	333.	98.	611.20
2.24	0.72	3.71	0.66	0.060	0.027	0.060	0.000	602.40	200.00
0.000490	57.	57.	57.	2	0	2	0.00	305.00	505.00

CCHV= 0.100 CEHV= 0.300
*SECNO 13035.000
3280 CROSS SECTION 13035.00 EXTENDED 4.23 FEET

3470 ENCROACHMENT STATIONS= 300.0 705.0 TYPE= 1 TARGET= 405.000
UPSTREAM OF SB OF TELEGRAPH RD.

13035.00	10.03	612.63	0.00	0.00	612.65	0.01	0.01	0.02	607.40
1180.	315.	317.	547.	689.	191.	933.	334.	98.	607.20
2.25	0.46	1.66	0.59	0.060	0.027	0.060	0.000	602.60	300.00
0.000065	49.	49.	49.	2	0	0	0.00	405.00	705.00

*SECNO 13335.000

3470 ENCROACHMENT STATIONS= 80.0 730.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF COOPER RD.

13335.00	10.36	612.66	0.00	0.00	612.67	0.01	0.02	0.00	608.60
1180.	720.	370.	90.	1401.	253.	287.	347.	102.	610.50
2.36	0.51	1.46	0.31	0.060	0.027	0.060	0.000	602.30	80.00
0.000087	300.	300.	300.	2	0	0	0.00	650.00	730.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QRCB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRCB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 13434.000
3280 CROSS SECTION 13434.00 EXTENDED 3.86 FEET

13434.00	10.86	612.66	0.00	0.00	612.68	0.02	0.01	0.00	609.10
1180.	637.	396.	147.	1443.	227.	438.	351.	103.	609.10
2.39	0.44	1.74	0.34	0.070	0.027	0.070	0.000	601.80	0.00
0.000079	99.	99.	99.	0	0	0	0.00	646.50	646.50

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	9.00	0.00	45.00	0.00	601.80	601.80

*SECNO 13476.000
3280 CROSS SECTION 13476.00 EXTENDED 3.90 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
632.73	612.68	0.00	1121.	58.	45.	58.	608.20	609.10

13476.00	10.89	612.69	0.00	0.00	612.71	0.02	0.03	0.00	609.10
1180.	638.	393.	149.	1458.	228.	446.	353.	104.	609.10
2.40	0.44	1.72	0.33	0.070	0.027	0.070	0.000	601.80	0.00
0.000077	42.	42.	42.	1	0	7	0.00	648.07	648.07

CCHV= 0.100 CEHV= 0.300
*SECNO 13575.000
3280 CROSS SECTION 13575.00 EXTENDED 3.50 FEET

UPSTREAM OF COOPER RD.

13575.00	10.41	612.71	0.00	0.00	612.72	0.01	0.01	0.00	608.60
1180.	730.	361.	89.	1700.	255.	367.	359.	105.	610.50
2.44	0.43	1.42	0.24	0.070	0.027	0.070	0.000	602.30	0.00
0.000080	99.	99.	99.	0	0	0	0.00	829.20	829.20

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14475.000
3280 CROSS SECTION 14475.00 EXTENDED 1.10 FEET

DOWNSTREAM OF BAILY RD.

14475.00	9.60	612.80	0.00	0.00	612.85	0.05	0.12	0.01	609.90
1180.	662.	418.	100.	964.	145.	273.	397.	122.	609.20
2.61	0.69	2.88	0.37	0.070	0.027	0.070	0.000	603.20	129.95
0.000276	900.	900.	900.	2	0	0	0.00	770.05	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 14524.000
3280 CROSS SECTION 14524.00 EXTENDED 1.51 FEET

14524.00	10.11	612.81	0.00	0.00	612.88	0.07	0.02	0.01	612.30
1180.	430.	566.	184.	604.	185.	381.	398.	123.	612.20
2.62	0.71	3.06	0.48	0.055	0.027	0.060	0.000	602.70	0.00
0.000347	49.	49.	49.	0	0	0	0.00	800.00	800.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	12.00	0.00	73.00	0.00	602.70	602.70

*SECNO 14652.000
6870 D.S. ENERGY OF 612.88 HIGHER THAN COMPUTED ENERGY OF 612.87
3280 CROSS SECTION 14652.00 EXTENDED 1.51 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
622.58	612.88	0.00	1090.	93.	73.	96.	610.70	612.20

14652.00	10.10	612.80	0.00	0.00	612.88	0.07	0.00	0.00	612.30
1180.	429.	567.	184.	602.	135.	379.	402.	125.	612.20
2.64	0.71	3.07	0.48	0.055	0.027	0.060	0.000	602.70	0.00
0.000350	128.	128.	128.	2	0	7	0.00	800.00	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 14701.000
3280 CROSS SECTION 14701.00 EXTENDED 1.15 FEET

UPSTREAM OF BAILY RD.

14701.00	9.65	612.85	0.00	0.00	612.90	0.05	0.01	0.00	609.90
1180.	653.	405.	122.	982.	146.	291.	403.	126.	609.20
2.65	0.67	2.78	0.42	0.070	0.027	0.060	0.000	603.20	128.73
0.000254	49.	49.	49.	2	0	0	0.00	771.27	900.00

*SECNO 15601.000
DOWNSTREAM OF WESTLAKE RD.

15601.00	8.83	613.13	0.00	0.00	613.34	0.22	0.40	0.05	612.00
1180.	105.	708.	367.	154.	148.	365.	425.	139.	611.10
2.73	0.68	4.77	1.01	0.070	0.027	0.060	0.000	604.30	343.88
0.000940	900.	900.	900.	0	0	0	0.00	462.25	806.12

CCHV= 0.300 CEHV= 0.500
*SECNO 15750.000

15750.00	7.97	613.27	0.00	0.00	613.46	0.19	0.11	0.01	610.20
1180.	121.	873.	186.	144.	214.	216.	427.	140.	610.00
2.74	0.84	4.08	0.86	0.060	0.027	0.060	0.000	605.30	246.10
0.000625	149.	149.	149.	2	0	0	0.00	371.87	617.97

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.23	2.63	0.00	12.00	0.00	68.00	0.00	605.30	605.30

*SECNO 15800.000
3280 CROSS SECTION 15800.00 EXTENDED 0.49 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.70	615.46	0.00	742.	443.	68.	89.	612.70	614.70

15800.00	9.39	614.69	0.00	0.00	614.74	0.04	1.28	0.00	610.20
1180.	265.	621.	294.	578.	271.	535.	428.	141.	610.00
2.75	0.46	2.29	0.55	0.060	0.027	0.060	0.000	605.30	0.00
0.000144	50.	50.	50.	2	0	6	0.00	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 15849.000

3470 ENCROACHMENT STATIONS= 50.0 850.0 TYPE= 1 TARGET= 800.000
UPSTREAM OF WESTLAKE RD.

15849.00	10.41	614.71	0.00	0.00	614.75	0.04	0.01	0.00	612.00
1180.	246.	446.	488.	568.	186.	865.	430.	142.	611.10
2.76	0.43	2.39	0.56	0.070	0.027	0.070	0.000	604.30	50.00
0.000174	49.	49.	49.	0	0	0	0.00	800.00	850.00

CCHV= 0.100 CEHV= 0.500
*SECNO 17575.000
3280 CROSS SECTION 17575.00 EXTENDED 1.57 FEET

17575.00	7.37	615.17	0.00	0.00	615.19	0.02	0.45	0.00	613.90
1180.	273.	246.	661.	468.	110.	863.	490.	172.	613.10
3.23	0.58	2.24	0.77	0.070	0.035	0.070	0.000	607.80	59.22
0.000421	1726.	1726.	1726.	2	0	0	0.00	740.78	800.00

CCHV= 0.100 CEHV= 0.800
*SECNO 17710.000
3280 CROSS SECTION 17710.00 EXTENDED 0.05 FEET

17710.00	7.05	615.25	0.00	0.00	615.46	0.21	0.12	0.15	614.50
1180.	113.	545.	522.	143.	103.	416.	494.	174.	613.80
3.24	0.79	5.31	1.26	0.070	0.035	0.070	0.000	608.20	205.55
0.002714	135.	135.	135.	2	0	0	0.00	694.45	900.00

*SECNO 17850.000

17850.00	7.55	615.65	615.57	0.00	616.07	0.42	0.44	0.17	614.50
1180.	121.	766.	293.	121.	119.	236.	495.	176.	614.10
3.25	1.00	6.43	1.24	0.070	0.035	0.070	0.000	608.10	285.14
0.003689	140.	140.	140.	4	9	0	0.00	552.01	837.15

*SECNO 18100.000
3280 CROSS SECTION 18100.00 EXTENDED 0.30 FEET

3470 ENCROACHMENT STATIONS= 220.0 805.0 TYPE= 1 TARGET= 585.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
18100.00	8.10	615.50	0.00	0.00	616.64	0.14	0.54	0.03	614.80
1180.	215.	569.	396.	253.	133.	387.	499.	180.	614.40
3.27	0.85	4.28	1.02	0.070	0.035	0.070	0.000	608.40	230.45
0.001415	250.	250.	250.	2	0	0	0.00	574.55	805.00

*SECNO 18575.000
DOWNSTREAM OF BEECH DALY RD.

18575.00	8.48	617.38	0.00	0.00	617.80	0.43	0.94	0.23	616.70
1180.	13.	830.	357.	23.	134.	268.	505.	185.	614.60
3.30	0.56	6.21	1.26	0.070	0.035	0.070	0.000	608.90	432.34
0.002944	475.	475.	475.	2	0	0	0.00	348.64	780.98

CCHV= 0.300 CEHV= 0.500
*SECNO 18624.000
3280 CROSS SECTION 18624.00 EXTENDED 0.92 FEET

18624.00	8.82	617.92	0.00	0.00	617.95	0.03	0.02	0.12	611.00
1180.	229.	309.	642.	327.	129.	865.	506.	185.	609.10
3.31	0.70	2.39	0.74	0.060	0.035	0.070	0.000	609.10	239.98
0.000193	49.	49.	49.	2	0	0	0.00	460.02	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.98	2.63	0.00	15.00	0.00	112.00	0.00	609.40	609.40

*SECNO 18704.000
3280 CROSS SECTION 18704.00 EXTENDED 1.30 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
621.33	618.24	0.00	779.	405.	112.	105.	616.40	618.50

18704.00	9.20	618.30	0.00	0.00	618.32	0.02	0.37	0.00	611.00
1180.	247.	286.	647.	407.	135.	966.	509.	186.	609.10
3.34	0.61	2.12	0.57	0.060	0.035	0.070	0.000	609.10	150.43
0.000143	80.	80.	80.	2	0	5	0.00	549.57	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 18753.000
3280 CROSS SECTION 18753.00 EXTENDED 0.20 FEET

3470 ENCROACHMENT STATIONS= 285.0 815.0 TYPE= 1 TARGET= 530.000
UPSTREAM OF BEECH DALY RD.

18753.00	9.30	618.20	0.00	0.00	618.38	0.18	0.01	0.05	616.70
1180.	71.	677.	432.	144.	154.	500.	510.	187.	614.60
3.34	0.50	4.41	0.86	0.070	0.027	0.070	0.000	608.90	285.00
0.000734	49.	49.	49.	2	0	0	0.00	530.00	815.00

*SECNO 19003.000

3470 ENCROACHMENT STATIONS= 250.0 820.0 TYPE= 1 TARGET= 570.000
DOWNSTREAM OF MC GUIRE RD.

19003.00	8.59	618.29	0.00	0.00	618.64	0.35	0.20	0.05	615.00
1180.	189.	927.	64.	193.	174.	90.	514.	189.	615.80
3.36	0.98	5.32	0.71	0.070	0.027	0.070	0.000	609.70	303.48
0.000922	250.	250.	250.	2	0	0	0.00	368.91	672.39

CCHV= 0.300 CEHV= 0.500
*SECNO 19077.000

3470 ENCROACHMENT STATIONS= 150.0 615.0 TYPE= 1 TARGET= 465.000

19077.00	9.24	618.74	0.00	0.00	618.75	0.01	0.01	0.10	617.20
1180.	481.	336.	363.	894.	209.	645.	516.	190.	613.00
3.38	0.54	1.61	0.56	0.060	0.027	0.060	0.000	609.50	150.00
0.000080	74.	74.	74.	2	0	0	0.00	465.00	615.00

SPECIAL BRIDGE

SB XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.59	2.63	0.00	12.00	0.00	69.00	0.00	609.50	609.50

*SECNO 19235.000
PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
630.50	618.75	0.00	1070.	110.	69.	90.	617.00	617.20

19235.00	9.33	618.83	0.00	0.00	618.84	0.01	0.09	0.00	617.20
1180.	484.	330.	366.	955.	212.	693.	522.	192.	613.00
3.44	0.51	1.56	0.53	0.060	0.027	0.060	0.000	609.50	95.43
0.000074	158.	158.	158.	1	0	8	0.00	590.57	686.00

CCHV= 0.300 CEHV= 0.500
*SECNO 19384.000
DOWNSTREAM OF MARVIN RD.

19384.00	8.59	618.69	0.00	0.00	619.04	0.35	0.03	0.17	617.60
1180.	165.	874.	141.	223.	160.	128.	526.	194.	617.50
3.44	0.74	5.46	1.10	0.070	0.035	0.070	0.000	610.10	142.29
0.002043	149.	149.	149.	2	0	0	0.00	526.97	669.26

CCHV= 0.300 CEHV= 0.500
*SECNO 19433.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19433.00 EXTENDED 1.21 FEET

3470 ENCROACHMENT STATIONS= 190.0 655.0 TYPE= 1 TARGET= 465.000

19433.00	9.61	618.71	616.93	0.00	619.29	0.59	0.14	0.12	618.00
1180.	147.	910.	122.	124.	130.	111.	527.	194.	618.00
3.45	1.18	6.98	1.10	0.060	0.027	0.055	0.000	609.10	190.00
0.004069	49.	49.	49.	4	12	0	0.00	461.43	655.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.19	3.00	0.00	12.00	0.00	76.00	0.00	609.10	609.10

*SECNO 19677.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3280 CROSS SECTION 19677.00 EXTENDED 2.22 FEET

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
630.65	619.29	0.00	830.	350.	76.	97.	617.20	618.00
19677.00	10.62	619.72	0.00	0.00	619.76	0.04	0.46	0.00	618.00
1180.	309.	380.	491.	465.	152.	614.	531.	198.	618.00
3.50	0.66	2.50	0.80	0.060	0.027	0.055	0.000	609.10	27.85
0.000449	244.	244.	244.	2	0	6	0.00	768.63	800.00

CCHV= 0.100 CEHV= 0.300

*SECNO 19776.000

UPSTREAM OF MARVIN RD.

19776.00	9.59	619.69	0.00	0.00	619.84	0.15	0.05	0.03	617.60
1180.	288.	732.	160.	484.	139.	239.	534.	199.	617.50
3.51	0.59	3.87	0.67	0.070	0.027	0.070	0.000	610.10	86.02
0.000490	99.	99.	99.	2	0	0	0.00	675.67	761.69

*SECNO 19876.000

3470 ENCROACHMENT STATIONS= 150.0 800.0 TYPE= 1 TARGET= 650.000

DOWNSTREAM OF FELLRATH RD.

19876.00	8.94	619.64	0.00	0.00	619.95	0.31	0.06	0.05	617.40
1180.	227.	907.	46.	338.	179.	104.	536.	201.	616.50
3.52	0.67	5.07	0.44	0.070	0.027	0.070	0.000	610.70	180.59
0.000787	100.	100.	100.	2	0	0	0.00	574.47	755.06

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 19925.000									
19925.00	9.51	620.01	0.00	0.00	620.04	0.04	0.01	0.08	614.00
1180.	543.	491.	146.	936.	218.	292.	537.	201.	615.00
3.53	0.55	2.25	0.50	0.070	0.027	0.070	0.000	610.50	32.85
0.000122	49.	49.	49.	2	0	0	0.00	506.79	539.64

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.27	2.63	0.00	12.00	0.00	75.00	0.00	610.50	610.50

*SECNO 20033.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
628.73	620.04	0.00	942.	239.	75.	96.	618.50	618.80

20033.00	9.83	620.33	0.00	0.00	620.36	0.03	0.32	0.00	614.00
1180.	561.	467.	152.	1110.	228.	329.	541.	203.	615.00
3.55	0.51	2.05	0.46	0.070	0.027	0.070	0.000	610.50	11.00
0.000096	108.	108.	108.	2	0	6	0.00	535.25	546.26

CCHV= 0.100 CEHV= 0.300
*SECNO 20082.000

3470 ENCROACHMENT STATIONS= 80.0 785.0 TYPE= 1 TARGET= 705.000
UPSTREAM OF FELLRATH RD.

20082.00	9.53	620.23	0.00	0.00	620.42	0.20	0.01	0.05	617.40
1180.	289.	807.	83.	395.	188.	169.	542.	203.	616.50
3.56	0.23	4.30	0.49	0.070	0.027	0.070	0.000	610.70	250.97
0.000549	49.	49.	49.	2	0	0	0.00	493.72	744.69

*SECNO 20232.000

3470 ENCROACHMENT STATIONS= 100.0 710.0 TYPE= 1 TARGET= 610.000
DOWNSTREAM OF HAROLD RD.

20232.00	8.96	620.26	0.00	0.00	620.57	0.31	0.11	0.03	618.20
1180.	204.	901.	75.	238.	176.	129.	544.	205.	619.00
3.57	0.86	5.11	0.58	0.070	0.027	0.070	0.000	611.30	256.41
0.001089	150.	150.	150.	1	0	0	0.00	449.94	706.35

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 20281.000
3280 CROSS SECTION 20281.00 EXTENDED 0.64 FEET

20281.00	9.54	620.64	0.00	0.00	620.67	0.04	0.02	0.08	614.00
1180.	657.	280.	243.	909.	99.	304.	545.	205.	614.00
3.58	0.72	2.84	0.80	0.055	0.027	0.055	0.000	611.10	0.00
0.000194	49.	49.	49.	2	0	0	0.00	541.90	541.90

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.30	2.63	0.00	11.00	0.00	62.00	0.00	612.00	612.00

*SECNO 20385.000
3280 CROSS SECTION 20385.00 EXTENDED 0.74 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
633.57	621.37	0.00	1069.	123.	62.	79.	619.20	619.40

20385.00	9.64	620.74	0.00	0.00	620.78	0.03	0.10	0.00	614.00
1180.	666.	271.	243.	952.	100.	317.	548.	207.	614.00
3.60	0.70	2.71	0.77	0.055	0.027	0.055	0.000	611.10	0.00
0.000175	104.	104.	104.	2	0	6	0.00	544.47	544.47

CCHV= 0.100 CEHV= 0.300
*SECNO 20434.000
UPSTREAM OF HARCLD RD.

20434.00	9.37	620.67	0.00	0.00	620.83	0.16	0.01	0.04	618.20
1180.	284.	750.	146.	314.	190.	206.	550.	207.	619.00
3.61	0.90	3.96	0.71	0.055	0.027	0.055	0.000	611.30	233.07
0.000592	49.	49.	49.	2	0	0	0.00	500.39	733.46

CCHV= 0.100 CEHV= 0.300
*SECNO 21554.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 21554.00 EXTENDED 0.47 FEET

DOWNSTREAM OF LANGE RD.

21554.00	7.67	621.47	0.00	0.00	621.53	0.07	0.70	0.01	619.50
1180.	132.	467.	581.	218.	147.	701.	572.	223.	619.70
3.79	0.60	3.18	0.83	0.070	0.035	0.070	0.000	613.80	268.80
0.000657	1120.	1120.	1120.	2	0	0	0.00	731.20	1000.00

CCHV= 0.300 CEHV= 0.500
*SECNO 21653.000
3280 CROSS SECTION 21653.00 EXTENDED 0.76 FEET

21653.00	10.16	621.56	0.00	0.00	621.57	0.01	0.01	0.02	616.00
1180.	423.	254.	503.	1024.	222.	1205.	576.	225.	616.00
3.84	0.41	1.15	0.42	0.060	0.035	0.060	0.000	611.40	0.00
0.000058	99.	99.	99.	2	0	0	0.00	1000.00	1000.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.68	2.63	0.00	12.00	0.00	82.00	0.00	611.40	611.40

*SECNO 21670.000
3280 CROSS SECTION 21670.00 EXTENDED 0.82 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
626.96	621.57	0.00	1057.	124.	82.	100.	619.70	620.80

21670.00	10.21	621.61	0.00	0.00	621.62	0.01	0.05	0.00	616.00
1180.	424.	251.	505.	1048.	224.	1239.	577.	226.	616.00
3.84	0.40	1.12	0.41	0.060	0.035	0.060	0.000	611.40	0.00
0.000055	17.	17.	17.	0	0	7	0.00	1000.00	1000.00

CCHV= 0.300 CEHV= 0.700
*SECNO 21719.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 21719.00 EXTENDED 1.12 FEET									
UPSTREAM OF LANGE RD.									
21719.00	8.31	621.61	0.00	0.00	621.63	0.02	0.00	0.01	619.00
1180.	216.	316.	648.	465.	164.	1008.	580.	227.	619.20
3.86	0.46	1.93	0.64	0.060	0.035	0.060	0.000	613.30	88.32
0.000210	49.	49.	49.	0	0	0	0.00	911.68	1000.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 22670.000									
22670.00	6.72	621.92	0.00	0.00	622.24	0.32	0.52	0.09	620.90
1180.	42.	705.	433.	50.	122.	304.	604.	242.	621.10
3.93	0.83	5.77	1.42	0.070	0.035	0.070	0.000	615.20	406.24
0.002757	1000.	1000.	1000.	2	0	0	0.00	402.11	808.36
*SECNO 24069.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 24069.00 EXTENDED 1.24 FEET									
DOWNSTREAM OF INKSTER RD.									
24069.00	7.24	624.34	0.00	0.00	624.47	0.13	2.21	0.02	622.50
1180.	69.	617.	495.	106.	158.	531.	624.	257.	623.10
4.08	0.65	3.91	0.93	0.070	0.035	0.070	0.000	617.10	315.51
0.001084	1350.	1350.	1350.	3	0	0	0.00	597.47	1000.00

PRINTED IN U.S.A.

THIS RUN EXECUTED 29 OCT 84 9:17:17

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
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T1                  CITY OF TAYLOR FLOOD INSURANCE STUDY
T2                  FRANK AND POET DRAIN
T3                  100-YEAR FREQUENCY FLOOD WITH ENCROACHMENT

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
        0.       3.         0.         0.  0.000000       0.00       0.0        0.   598.600      0.000

J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE
    15.000     0.000     -1.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300
*SECNO 0.000

3470 ENCROACHMENT STATIONS= 555.0 645.0 TYPE= 1 TARGET= 90.000
DOWNSTREAM OF ALLEN ROAD

0.00	10.00	598.60	0.00	598.60	598.92	0.32	0.00	0.00	596.40
1180.	59.	1104.	16.	63.	237.	12.	0.	0.	595.90
0.00	0.95	4.67	1.38	0.070	0.035	0.055	0.000	588.60	555.00
0.001313	0.	0.	0.	0	0	0	0.00	90.00	645.00

CCHV= 0.300 CEHV= 0.500
*SECNO 49.000

3470 ENCROACHMENT STATIONS= 400.0 590.0 TYPE= 1 TARGET= 190.000

49.00	8.94	598.64	0.00	598.63	598.98	0.34	0.05	0.01	598.60
1180.	0.	1149.	31.	0.	241.	67.	0.	0.	598.10
0.00	0.00	4.77	0.45	0.000	0.027	0.055	0.000	589.70	400.00
0.000823	49.	49.	49.	2	0	0	0.00	190.00	590.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.29	2.63	0.00	14.00	0.00	78.00	0.00	589.70	589.70

*SECNO 145.000
3280 CROSS SECTION 145.00 EXTENDED 2.27 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
606.78	598.98	0.00	496.	687.	78.	81.	595.50	598.40

3470 ENCROACHMENT STATIONS= 345.0 490.0 TYPE= 1 TARGET= 145.000

145.00	11.57	601.27	0.00	601.28	601.40	0.13	2.41	0.00	598.60
1180.	8.	1051.	121.	144.	349.	154.	1.	1.	598.10
0.01	0.06	3.01	0.79	0.700	0.027	0.055	0.000	589.70	345.00
0.000200	96.	96.	96.	2	0	3	0.00	145.00	490.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 194.000
2800 NAT Q1= 930.41 WSEL= 601.31 ENC Q1= 930.41 WSEL= 601.41 RATIO= 0.0000
NAT Q1= 958. RATIOS LOB,CH,ROB= 0.1638 0.7892 0.0470 WSEL= 601.41

3470 ENCROACHMENT STATIONS= 513.1 653.3 TYPE= 4 TARGET= 0.028
UPSTREAM OF ALLEN ROAD

194.00	12.71	601.31	0.00	601.31	601.41	0.10	0.01	0.00	596.40
1180.	177.	965.	38.	291.	345.	60.	2.	1.	595.90
0.02	0.61	2.80	0.64	0.070	0.027	0.070	0.000	588.60	513.08
0.000170	49.	49.	49.	2	0	0	0.00	140.25	653.33

*SECNO 994.000

3470 ENCROACHMENT STATIONS= 331.0 268.0 TYPE= 1 TARGET= 437.000
DOWNSTREAM OF PRIVATE ROAD

994.00	11.28	601.48	0.00	601.47	601.49	0.02	0.08	0.01	596.20
1180.	313.	357.	510.	716.	207.	1114.	27.	6.	595.50
0.28	0.44	1.72	0.46	0.070	0.027	0.070	0.000	590.20	331.00
0.000061	800.	800.	800.	2	0	0	0.00	437.00	768.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1043.000
3280 CROSS SECTION 1043.00 EXTENDED 1.48 FEET

3470 ENCROACHMENT STATIONS= 177.0 589.0 TYPE= 1 TARGET= 412.000

1043.00	11.48	601.48	0.00	601.47	601.50	0.02	0.00	0.00	597.00
1180.	532.	539.	109.	1200.	361.	226.	29.	6.	596.80
0.30	0.44	1.49	0.48	0.070	0.035	0.070	0.000	590.00	177.00
0.000073	49.	49.	49.	0	0	0	0.00	412.00	589.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	22.00	0.00	110.00	0.00	590.00	590.00

*SECNO 1062.000
3280 CROSS SECTION 1062.00 EXTENDED 1.51 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.27	601.50	0.00	1037.	143.	110.	119.	595.40	596.80

3470 ENCROACHMENT STATIONS=			182.0	585.0	TYPE=	1	TARGET=	403.000	
1062.00	11.50	601.50	0.00	601.50	601.52	0.02	0.02	0.00	597.00
1180.	537.	544.	98.	1198.	362.	210.	30.	7.	596.80
0.30	0.45	1.50	0.47	0.070	0.035	0.070	0.000	590.00	182.00
0.000074	19.	19.	19.	1	0	6	0.00	403.00	585.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1111.000

3470 ENCROACHMENT STATIONS=			362.0	740.0	TYPE=	1	TARGET=	378.000	
UPSTREAM OF PRIVATE ROAD									
DOWNSTREAM OF PRIVATE ROAD									
1111.00	11.31	601.51	0.00	601.51	601.52	0.01	0.00	0.00	596.20
1180.	322.	310.	548.	632.	208.	1040.	32.	7.	595.50
0.32	0.51	1.49	0.53	0.070	0.035	0.070	0.000	590.20	362.00
0.000077	49.	49.	49.	0	0	0	0.00	378.00	740.00

*SECNO 1112.000

3470 ENCROACHMENT STATIONS=			362.0	740.0	TYPE=	1	TARGET=	378.000	
1112.00	11.81	601.51	0.00	601.51	601.52	0.01	0.00	0.00	596.70
1180.	333.	334.	513.	608.	226.	937.	32.	7.	597.00
0.32	0.55	1.48	0.55	0.070	0.035	0.070	0.000	589.70	362.00
0.000094	1.	1.	1.	0	0	0	0.00	378.00	740.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1160.000

3470 ENCROACHMENT STATIONS=			229.0	579.0	TYPE=	1	TARGET=	350.000	
1160.00	11.11	601.51	0.00	601.51	601.53	0.02	0.00	0.01	596.80
1180.	300.	598.	282.	611.	355.	543.	34.	7.	596.70
0.33	0.49	1.69	0.52	0.070	0.035	0.070	0.000	590.40	229.00
0.000096	48.	48.	48.	0	0	0	0.00	350.00	579.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	95.00	0.00	590.40	590.40

*SECNO 1173.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.25	601.53	0.00	1041.	136.	95.	101.	596.00	596.70

3470 ENCROACHMENT STATIONS= 231.0 576.0 TYPE= 1 TARGET= 345.000

1173.00	11.14	601.54	0.00	601.53	601.56	0.03	0.03	0.00	596.80
1180.	301.	598.	281.	610.	355.	539.	35.	8.	596.70
0.34	0.49	1.68	0.52	0.070	0.035	0.070	0.000	590.40	231.00
0.000095	13.	13.	13.	2	0	6	0.00	345.00	576.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1222.000

3470 ENCROACHMENT STATIONS= 325.0 775.0 TYPE= 1 TARGET= 450.000
UPSTREAM OF PRIVATE ROAD

1222.00	11.86	601.56	0.00	601.55	601.57	0.01	0.00	0.00	596.70
1180.	351.	311.	518.	717.	227.	1043.	36.	8.	597.00
0.36	0.49	1.37	0.50	0.070	0.035	0.070	0.000	589.70	325.00
0.000080	49.	49.	49.	1	0	0	0.00	450.00	775.00

*SECNO 1282.000
3280 CROSS SECTION 1282.00 EXTENDED 1.56 FEET

3470 ENCROACHMENT STATIONS= 215.0 635.0 TYPE= 1 TARGET= 420.000
DOWNSTREAM OF JACKSON RD.

1282.00	11.56	601.56	0.00	601.56	601.57	0.01	0.01	0.00	594.80
1180.	641.	263.	276.	1204.	172.	515.	39.	9.	595.70
0.38	0.53	1.53	0.54	0.070	0.035	0.070	0.000	590.00	215.00
0.000088	60.	60.	60.	0	0	0	0.00	420.00	635.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1331.000
3280 CROSS SECTION 1331.00 EXTENDED 1.56 FEET

3470 ENCROACHMENT STATIONS= 236.0 632.0 TYPE= 1 TARGET= 396.000

1331.00	13.06	601.56	0.00	601.55	601.58	0.03	0.00	0.01	596.90
1180.	371.	523.	286.	746.	274.	689.	41.	9.	597.10
0.39	0.50	1.91	0.42	0.070	0.027	0.070	0.000	588.50	236.00
0.000075	49.	49.	49.	0	0	0	0.00	396.00	632.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.78	2.63	0.00	12.00	0.00	74.00	0.00	588.50	588.50

*SECNO 1373.000
3280 CROSS SECTION 1373.00 EXTENDED 1.57 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.58	601.58	0.00	1102.	90.	74.	96.	596.50	596.90

3470 ENCROACHMENT STATIONS= 250.0 625.0 TYPE= 1 TARGET= 375.000

1373.00	13.07	601.57	0.00	601.57	601.60	0.03	0.01	0.00	596.90
1180.	353.	538.	288.	689.	274.	671.	43.	9.	597.10
0.40	0.51	1.96	0.43	0.070	0.027	0.070	0.000	588.50	250.00
0.000079	42.	42.	42.	2	0	6	0.00	375.00	625.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1422.000
3280 CROSS SECTION 1422.00 EXTENDED 1.57 FEET

3470 ENCROACHMENT STATIONS= 250.0 600.0 TYPE= 1 TARGET= 350.000
UPSTREAM OF JACKSON RD.

1422.00	11.58	601.58	0.00	601.58	601.60	0.02	0.00	0.00	594.80
1180.	608.	344.	228.	1105.	172.	404.	45.	10.	595.70
0.42	0.55	2.00	0.57	0.070	0.027	0.070	0.000	590.00	250.00
0.000090	49.	49.	49.	0	0	0	0.00	350.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2022.000

3470 ENCROACHMENT STATIONS= 470.0 557.0 TYPE= 1 TARGET= 87.000

DOWNSTREAM OF D.T.I.RR.

2022.00	10.34	601.54	0.00	601.53	601.76	0.22	0.10	0.06	599.10
1180.	32.	1129.	19.	52.	292.	31.	59.	13.	599.10
0.46	0.61	3.86	0.63	0.070	0.027	0.070	0.000	591.20	470.00
0.000408	600.	600.	600.	2	0	0	0.00	87.00	557.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2071.000

3470 ENCROACHMENT STATIONS= 500.0 573.0 TYPE= 1 TARGET= 73.000

2071.00	9.90	601.70	0.00	601.69	601.81	0.11	0.01	0.03	608.70
1180.	0.	1180.	0.	0.	443.	0.	59.	13.	100000.00
0.47	0.00	2.66	0.00	0.000	0.027	0.000	0.000	591.80	506.81
0.000191	49.	49.	49.	2	0	0	0.00	62.65	569.46

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.83	2.63	0.00	30.00	2.00	207.00	0.00	591.80	591.80

*SECNO 2133.000

3700. BRIDGE STENCL= 500.00 STENCR= 573.00

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
602.62	601.81	0.01	0.	1180.	207.	216.	599.50	608.50

3470 ENCROACHMENT STATIONS= 500.0 573.0 TYPE= 1 TARGET= 73.000

2133.00	10.73	602.53	0.00	602.53	602.62	0.09	0.81	0.00	608.70
1180.	0.	1180.	0.	0.	497.	0.	60.	13.	100000.00
0.47	0.00	2.37	0.00	0.000	0.027	0.000	0.000	591.80	505.31
0.000139	62.	62.	62.	2	0	0	0.00	65.56	570.87

PRINTED IN U.S.A.

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN      SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID     ENDST

CCHV=    0.100 CEHV=    0.300
*SECNO 2282.000

3470 ENCROACHMENT STATIONS=      360.0      550.0  TYPE=      1  TARGET=      190.000
          UPSTREAM OF D.T.I.RR.
  2282.00     11.32    602.52      0.00    602.51    602.67      0.15      0.03      0.02    599.10
    1180.        80.      1083.       17.       172.      332.        28.       62.        14.     599.10
     0.49      0.47      3.26      0.59     0.070     0.027     0.070     0.000    591.20    360.00
 0.000245       149.      149.      149.         2         0         0      0.00    190.00    550.00

*SECNO 2562.000

3470 ENCROACHMENT STATIONS=      290.0      353.0  TYPE=      1  TARGET=      63.000
          DOWNSTREAM OF HURON RD.
  2562.00     10.80    602.50      0.00    602.49    602.83      0.33      0.11      0.05    602.70
    1180.        0.      1174.        6.         0.      253.        11.       64.        14.     601.40
     0.50      0.00      4.63      0.56     0.000     0.027     0.070     0.000    591.70    300.47
 0.000772       280.      280.      280.         2         0         0      0.00     52.53    353.00

*SECNO 2611.000

3470 ENCROACHMENT STATIONS=      300.0      340.0  TYPE=      1  TARGET=      40.000
  2611.00     10.67    602.67      0.00    602.67    602.87      0.20      0.03      0.01    602.70
    1180.        0.      1180.        0.         0.      327.         0.       65.        14.  100000.00
     0.51      0.00      3.61      0.00     0.000     0.027     0.000     0.000    592.00    300.04
 0.000403        49.       49.       49.         2         0         0      0.00     39.96    340.00

CCHV=    0.300 CEHV=    0.500
*SECNO 2613.000
     3700.    BRIDGE STENCL=      300.00     STENCR=      340.00

3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD=  602.30 MAX ELLC=  599.50

3470 ENCROACHMENT STATIONS=      300.0      340.0  TYPE=      1  TARGET=      40.000

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS     300.00     312.00
  2613.00     10.46    602.46      0.00    602.45    603.08      0.62      0.00      0.21    602.70
    1180.        0.      1180.        0.         0.      187.         0.       65.        14.  100000.00
     0.51      0.00      6.31      0.00     0.000     0.027     0.000     0.000    592.00    300.35
 0.005224         2.        2.        2.         9         0         0   -131.74     39.65    340.00
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2649.000

3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD= 602.60 MAX ELLC= 599.50

3470 ENCROACHMENT STATIONS=		300.0	340.0	TYPE=	1	TARGET=	40.000		
2649.00	10.73	602.73	0.00	602.66	603.31	0.58	0.21	0.01	602.70
1180.	0.	1180.	0.	0.	193.	0.	65.	14.	100000.00
0.51	0.00	6.10	0.00	0.000	0.027	0.000	0.000	592.00	300.00
0.006671	36.	36.	36.	2	0	0	-135.95	40.00	340.00

CCHV= 0.100 CEHV= 0.300

*SECNO 2651.000

3470 ENCROACHMENT STATIONS=		300.0	342.0	TYPE=	1	TARGET=	42.000		
2651.00	11.18	603.18	0.00	603.14	603.35	0.17	0.00	0.04	602.70
1180.	0.	1180.	0.	0.	354.	0.	65.	14.	100000.00
0.51	0.00	3.34	0.00	0.000	0.027	0.000	0.000	592.00	300.00
0.000321	2.	2.	2.	2	0	0	0.00	42.00	342.00

*SECNO 2700.000

3470 ENCROACHMENT STATIONS=		286.0	356.0	TYPE=	1	TARGET=	70.000		
UPSTREAM OF HURON RD.									
2700.00	11.44	603.14	0.00	603.10	603.40	0.26	0.02	0.03	602.40
1180.	4.	1162.	14.	11.	283.	23.	65.	14.	601.40
0.51	0.39	4.11	0.63	0.070	0.027	0.070	0.000	591.70	286.00
0.000532	49.	49.	49.	2	0	0	0.00	70.00	356.00

*SECNO 3800.000

3280 CROSS SECTION 3800.00 EXTENDED 0.60 FEET

3470 ENCROACHMENT STATIONS=		480.0	550.0	TYPE=	1	TARGET=	70.000		
DOWNSTREAM OF I-75 EXIT RAMP									
3800.00	10.59	603.59	0.00	603.56	603.71	0.12	0.30	0.01	598.00
1180.	79.	1078.	23.	108.	367.	40.	76.	16.	598.60
0.62	0.73	2.94	0.58	0.070	0.027	0.070	0.000	593.00	480.00
0.000169	1100.	1100.	1100.	1	0	0	0.00	70.00	550.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3849.000									
3470 ENCROACHMENT STATIONS=		500.0	546.0	TYPE=	1	TARGET=	46.000		
3849.00	9.68	603.58	0.00	603.55	603.73	0.15	0.01	0.01	606.10
1180.	0.	1180.	0.	0.	379.	0.	76.	16.	100000.00
0.63	0.00	3.11	0.00	0.000	0.027	0.000	0.000	593.90	500.00
0.000259	49.	49.	49.	2	0	0	0.00	46.00	546.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3851.000									
3700. BRIDGE STENCL=		500.00	STENCR=	546.00					
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD=		606.10	MAX ELLC=	602.10					
3470 ENCROACHMENT STATIONS=		500.0	546.0	TYPE=	1	TARGET=	46.000		
3851.00	9.63	603.53	0.00	603.34	603.79	0.26	0.00	0.06	606.10
1180.	0.	1180.	0.	0.	288.	0.	76.	16.	100000.00
0.63	0.00	4.10	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000561	2.	2.	2.	8	0	0	-88.84	46.00	546.00
*SECNO 3893.000									
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD=		606.10	MAX ELLC=	602.10					
3470 ENCROACHMENT STATIONS=		500.0	546.0	TYPE=	1	TARGET=	46.000		
3893.00	9.65	603.55	0.00	603.39	603.81	0.26	0.02	0.00	606.10
1180.	0.	1180.	0.	0.	288.	0.	76.	16.	100000.00
0.63	0.00	4.09	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000560	42.	42.	42.	0	0	0	-89.51	46.00	546.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3895.000									
2800 NAT Q1=	1384.39	WSEL=	603.86	ENC Q1=	1408.15	WSEL=	603.96	RATIO=	-0.0172
NAT Q1=	1408.	RATIOS LOB,CH,ROB=	0.0000	1.0000	0.0000	WSEL=	603.96		
3470 ENCROACHMENT STATIONS=		500.0	546.0	TYPE=	4	TARGET=	0.000		
3895.00	9.78	603.68	0.00	603.86	603.82	0.15	0.00	0.01	606.10
1180.	0.	1180.	0.	0.	384.	0.	76.	16.	606.10
0.63	0.00	3.07	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000077	2.	2.	2.	2	0	0	0.00	46.00	546.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3929.000
3280 CROSS SECTION 3929.00 EXTENDED 0.69 FEET

3470 ENCROACHMENT STATIONS= 488.0 553.0 TYPE= 1 TARGET= 65.000
UPSTREAM OF I-75 EXIT RAMP
DOWNSTREAM OF N+S BOUND I-75

3929.00	10.68	603.68	0.00	603.87	603.82	0.14	0.00	0.00	598.00
1180.	26.	1134.	20.	67.	370.	56.	77.	16.	598.60
0.63	0.39	3.06	0.36	0.070	0.015	0.070	0.000	593.00	488.00
0.000056	34.	34.	34.	0	0	0	0.00	65.00	553.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3978.000

3470 ENCROACHMENT STATIONS= 400.0 439.0 TYPE= 1 TARGET= 39.000

3978.00	9.95	603.65	0.00	603.83	603.87	0.23	0.01	0.04	613.30
1180.	0.	1180.	0.	0.	308.	0.	77.	16.	100000.00
0.64	0.00	3.83	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000440	49.	49.	49.	2	0	0	0.00	39.00	439.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	2.60	2.63	0.00	22.00	1.00	177.00	0.00	594.00	594.00

*SECNO 4200.000
3700. BRIDGE STENCL= 400.00 STENCR= 439.00
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.44	603.89	0.01	0.	1180.	177.	172.	602.20	612.30

3470 ENCROACHMENT STATIONS= 400.0 439.0 TYPE= 1 TARGET= 39.000

4200.00	11.58	605.28	0.00	605.47	605.44	0.16	1.57	0.00	613.30
1180.	0.	1180.	0.	0.	372.	0.	79.	17.	100000.00
0.66	0.00	3.17	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000255	222.	222.	222.	2	0	0	0.00	39.00	439.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 4249.000
3280 CROSS SECTION 4249.00 EXTENDED 2.41 FEET

3470 ENCROACHMENT STATIONS= 450.0 580.0 TYPE= 1 TARGET= 130.000
UPSTREAM OF N+S BOUND I-75

4249.00	12.41	605.41	0.00	605.60	605.46	0.04	0.01	0.01	598.00
1180.	186.	860.	135.	346.	443.	260.	80.	17.	598.60
0.67	0.54	1.94	0.52	0.070	0.027	0.070	0.000	593.00	450.00
0.000057	49.	49.	49.	2	0	0	0.00	130.00	580.00

*SECNO 4749.000

3470 ENCROACHMENT STATIONS= 225.0 625.0 TYPE= 1 TARGET= 400.000
DOWNSTREAM OF SEAWAY ROAD

4749.00	11.77	605.47	0.00	605.65	605.49	0.02	0.03	0.00	598.90
1180.	500.	584.	96.	1212.	356.	275.	96.	20.	599.70
0.80	0.41	1.64	0.35	0.070	0.027	0.070	0.000	593.70	225.00
0.000053	500.	500.	500.	2	0	0	0.00	400.00	625.00

CCHV= 0.300 CEHV= 0.500
*SECNO 4798.000
3280 CROSS SECTION 4798.00 EXTENDED 3.47 FEET

3470 ENCROACHMENT STATIONS= 245.0 620.0 TYPE= 1 TARGET= 375.000

4798.00	110.97	605.47	0.00	605.66	605.49	0.02	0.00	0.00	603.00
1180.	241.	760.	179.	404.	549.	355.	98.	20.	603.40
0.81	0.60	1.38	0.50	0.070	0.027	0.070	0.000	494.50	245.00
0.000223	49.	49.	49.	0	0	0	0.00	375.00	620.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.63	0.00	29.00	0.00	146.00	0.00	594.20	594.20

*SECNO 4855.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESS FLOW BECAUSE EGLWC OF 705.19 EXCEEDS 1.5 DEPTH
3280 CROSS SECTION 4855.00 EXTENDED 3.49 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
607.11	705.19	0.00	991.	189.	146.	189.	600.70	603.00

3470 ENCROACHMENT STATIONS= 255.0 605.0 TYPE= 1 TARGET= 350.000

4855.00	110.99	605.49	0.00	605.68	605.51	0.02	0.02	0.00	603.00
1180.	236.	780.	164.	384.	550.	321.	100.	21.	603.40
0.83	0.62	1.42	0.51	0.070	0.027	0.070	0.000	494.50	255.00
0.000234	57.	57.	57.	2	0	6	0.00	350.00	605.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4904.000
3280 CROSS SECTION 4904.00 EXTENDED 0.00 FEET

3470 ENCROACHMENT STATIONS= 275.0 600.0 TYPE= 1 TARGET= 325.000
UPSTREAM OF SEAWAY ROAD

4904.00	11.79	605.49	0.00	605.68	605.52	0.03	0.01	0.00	598.90
1180.	456.	632.	92.	1016.	358.	231.	101.	21.	599.70
0.84	0.45	1.77	0.40	0.070	0.027	0.070	0.000	593.70	275.00
0.000061	49.	49.	49.	0	0	0	0.00	325.00	600.00

*SECNO 5604.000

3470 ENCROACHMENT STATIONS= 478.0 551.0 TYPE= 1 TARGET= 73.000
DOWNSTREAM OF R.R.BRIDGE

5604.00	10.56	605.46	0.00	605.63	605.66	0.20	0.09	0.05	600.30
1180.	117.	944.	119.	111.	236.	113.	118.	24.	600.30
0.90	1.06	4.01	1.05	0.070	0.027	0.070	0.000	594.90	478.00
0.000375	700.	700.	700.	2	0	0	0.00	73.00	551.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 5668.000

3470 ENCROACHMENT STATIONS=		400.0	442.0	TYPE=	1	TARGET=	42.000		
5668.00	10.16	605.46	0.00	605.63	605.69	0.23	0.02	0.02	610.60
1180.	0.	1180.	0.	0.	304.	0.	119.	24.	100000.00
0.90	0.00	3.89	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000187	64.	64.	64.	1	0	0	0.00	42.00	442.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	14.50	2.00	402.00	2.00	595.30	595.30

*SECNO 5684.000
3700. BRIDGE STENCL= 400.00 STENCR= 442.00
CLASS A LOW FLOW

3420 BRIDGE W.S.= 605.43 BRIDGE VELOCITY=, 3.55 CALCULATED CHANNEL AREA=, 332.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD
0.00	605.71	0.01	0.	1180.	402.	456.	607.60	610.60

3470 ENCROACHMENT STATIONS=		400.0	442.0	TYPE=	1	TARGET=	42.000		
5684.00	10.17	605.47	0.00	605.64	605.71	0.23	0.01	0.00	610.60
1180.	0.	1180.	0.	0.	304.	0.	119.	24.	100000.00
0.90	0.00	3.88	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000187	16.	16.	16.	0	0	0	0.00	42.00	442.00

CCHV= 0.100 CEHV= 0.300
*SECNO 5733.000

3470 ENCROACHMENT STATIONS=		440.0	582.0	TYPE=	1	TARGET=	142.000		
UPSTREAM OF R.R.BRIDGE									
5733.00	10.68	605.58	0.00	605.75	605.72	0.14	0.01	0.01	600.30
1180.	189.	839.	152.	298.	239.	254.	119.	24.	600.30
0.91	0.63	3.51	0.60	0.070	0.017	0.070	0.000	594.90	440.00
0.000112	49.	49.	49.	2	0	0	0.00	142.00	582.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5833.000
3280 CROSS SECTION 5833.00 EXTENDED 1.61 FEET

3470 ENCROACHMENT STATIONS= 390.0 640.0 TYPE= 1 TARGET= 250.000
DOWNSTREAM OF EURIKA ROAD

5833.00	10.11	605.61	0.00	605.82	605.74	0.12	0.01	0.00	603.30
1180.	147.	903.	130.	324.	282.	291.	121.	25.	602.60
0.92	0.45	3.21	0.45	0.070	0.017	0.070	0.000	595.50	390.00
0.000112	100.	100.	100.	1	0	0	0.00	250.00	640.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5882.000
3280 CROSS SECTION 5882.00 EXTENDED 9.26 FEET

3470 ENCROACHMENT STATIONS= 300.0 650.0 TYPE= 1 TARGET= 350.000

5882.00	9.26	605.76	0.00	605.89	605.77	0.01	0.00	0.03	602.90
1180.	0.	616.	564.	0.	499.	1299.	123.	25.	603.50
0.94	0.00	1.23	0.43	0.000	0.027	0.060	0.000	596.50	300.00
0.000038	49.	49.	49.	2	0	0	0.00	350.00	650.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.63	2.63	0.00	36.00	0.00	125.00	0.00	596.00	596.00

*SECNO 5984.000
3280 CROSS SECTION 5984.00 EXTENDED 9.33 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.40	605.27	0.00	1008.	172.	125.	151.	600.20	602.90

3470 ENCROACHMENT STATIONS= 70.0 620.0 TYPE= 1 TARGET= 550.000

5984.00	9.32	605.82	0.00	605.96	605.83	0.01	0.06	0.00	602.90
1180.	171.	596.	413.	623.	504.	1098.	127.	26.	603.50
0.97	0.27	1.18	0.38	0.060	0.027	0.060	0.000	596.50	70.00
0.000032	102.	102.	102.	1	0	7	0.00	550.00	620.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 6033.000
3280 CROSS SECTION 6033.00 EXTENDED 1.82 FEET

3470 ENCROACHMENT STATIONS= 185.0 710.0 TYPE= 1 TARGET= 525.000
UPSTREAM OF EURIKA ROAD

6033.00	10.32	605.82	0.00	605.95	605.84	0.02	0.00	0.00	603.30
1180.	436.	508.	237.	941.	290.	515.	130.	27.	602.60
0.99	0.46	1.75	0.46	0.060	0.027	0.060	0.000	595.50	185.00
0.000080	49.	49.	49.	0	0	0	0.00	525.00	710.00

*SECNO 6533.000
3280 CROSS SECTION 6533.00 EXTENDED 2.35 FEET

3470 ENCROACHMENT STATIONS= 375.0 675.0 TYPE= 1 TARGET= 300.000
DOWNSTREAM OF RACHO ROAD

6533.00	10.66	605.86	0.00	605.98	605.88	0.03	0.04	0.00	601.50
1180.	306.	474.	399.	535.	250.	670.	148.	32.	601.30
1.11	0.57	1.90	0.60	0.060	0.027	0.060	0.000	595.20	375.00
0.000079	500.	500.	500.	0	0	0	0.00	300.00	675.00

CCHV= 0.300 CEHV= 0.500
*SECNO 6582.000
3280 CROSS SECTION 6582.00 EXTENDED 2.81 FEET

3470 ENCROACHMENT STATIONS= 160.0 435.0 TYPE= 1 TARGET= 275.000

6582.00	10.61	605.81	0.00	605.95	605.94	0.14	0.01	0.06	604.50
1180.	232.	800.	148.	286.	225.	195.	149.	32.	604.50
1.12	0.81	3.56	0.76	0.060	0.027	0.060	0.000	595.20	160.00
0.000399	49.	49.	49.	2	0	0	0.00	275.00	435.00

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	10.00	0.00	51.00	0.00	595.20	595.20

*SECNO 6690.000
6870 D.S. ENERGY OF 605.94 HIGHER THAN COMPUTED ENERGY OF 605.87
3280 CROSS SECTION 6690.00 EXTENDED 2.75 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
625.84	605.94	0.00	1116.	65.	51.	64.	601.60	604.50

3470 ENCROACHMENT STATIONS= 190.0 415.0 TYPE= 1 TARGET= 225.000

6690.00	10.55	605.75	0.00	605.91	605.94	0.20	0.00	0.00	604.50
1180.	169.	900.	111.	200.	223.	140.	151.	33.	604.50
1.12	0.85	4.03	0.80	0.060	0.027	0.060	0.000	595.20	190.00
0.000519	108.	108.	108.	2	0	6	0.00	225.00	415.00

LCHV= 0.100 CEHV= 0.300
*SECNO 6739.000
3280 CROSS SECTION 6739.00 EXTENDED 2.42 FEET

3470 ENCROACHMENT STATIONS= 425.0 625.0 TYPE= 1 TARGET= 200.000
UPSTREAM OF RACHO ROAD

6739.00	10.72	605.92	0.00	606.03	605.97	0.05	0.01	0.01	601.50
1180.	240.	597.	344.	335.	252.	458.	152.	33.	601.30
1.13	0.72	2.36	0.75	0.060	0.027	0.060	0.000	595.20	425.00
0.000121	49.	49.	49.	2	0	0	0.00	200.00	625.00

*SECNO 7439.000

3470 ENCROACHMENT STATIONS= 485.0 560.0 TYPE= 1 TARGET= 75.000
DOWNSTREAM OF DRIVE TO SHOPPING CENTER

7439.00	10.01	605.71	0.00	605.81	606.18	0.47	0.09	0.13	605.20
1180.	2.	1118.	59.	5.	198.	47.	156.	34.	603.60
1.15	0.42	5.64	1.26	0.060	0.027	0.060	0.000	595.70	485.00
0.001275	300.	300.	300.	2	0	0	0.00	75.00	560.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 7488.000

3470 ENCROACHMENT STATIONS=		203.1	253.7	TYPE=	1	TARGET=	50.530		
7488.00	8.84	606.14	0.00	606.22	606.30	0.16	0.03	0.09	100000.00
1180.	0.	1180.	0.	0.	367.	0.	157.	34.	100000.00
1.15	0.00	3.22	0.00	0.000	0.027	0.000	0.000	597.30	203.13
0.000292	49.	49.	49.	2	0	0	0.00	50.53	253.66

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.71	2.63	0.00	32.00	0.00	107.00	0.00	597.30	597.30

*SECNO 7580.000
3280 CROSS SECTION 7580.00 EXTENDED 0.11 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.37	606.30	0.00	125.	1048.	107.	157.	602.20	607.50

3470 ENCROACHMENT STATIONS=		160.0	385.0	TYPE=	1	TARGET=	225.000		
7580.00	11.31	608.61	0.00	608.65	608.68	0.08	2.38	0.00	607.50
1180.	19.	1145.	16.	52.	503.	84.	158.	34.	607.90
1.16	0.36	2.28	0.19	0.050	0.027	0.060	0.000	597.30	160.00
0.000109	92.	92.	92.	2	0	2	0.00	225.00	385.00

CCHV= 0.100 CEHV= 0.300
*SECNO 7629.000
3280 CROSS SECTION 7629.00 EXTENDED 0.42 FEET

3470 ENCROACHMENT STATIONS=		423.0	623.0	TYPE=	1	TARGET=	200.000		
UPSTREAM OF DRIVE TO SHOPPING CENTER									
7629.00	12.92	608.62	0.00	608.67	608.69	0.08	0.01	0.00	605.20
1180.	120.	786.	275.	201.	297.	353.	158.	34.	603.60
1.17	0.60	2.64	0.78	0.060	0.027	0.060	0.000	595.70	423.00
0.000164	49.	49.	49.	0	0	0	0.00	200.00	623.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 8001.000

3470 ENCROACHMENT STATIONS= 470.0 572.0 TYPE= 1 TARGET= 102.000

DOWNSTREAM OF SHOPPING CENTER DRIVE

8001.00	12.63	608.63	0.00	608.67	608.79	0.16	0.07	0.03	605.70
1180.	25.	1155.	0.	46.	356.	3.	164.	36.	608.40
1.20	0.55	3.24	0.09	0.060	0.027	0.060	0.000	596.00	470.00
0.000251	372.	372.	372.	2	0	0	0.00	101.89	571.89

CCHV= 0.300 CEHV= 0.500

*SECNO 8050.000

3280 CROSS SECTION 8050.00 EXTENDED 0.73 FEET

3470 ENCROACHMENT STATIONS= 380.0 480.0 TYPE= 1 TARGET= 100.000

8050.00	12.53	608.73	0.00	608.76	608.82	0.09	0.01	0.02	608.50
1180.	1.	1179.	0.	5.	480.	0.	164.	36.	609.10
1.21	0.11	2.46	0.00	0.070	0.027	0.000	0.000	596.20	380.00
0.000154	49.	49.	49.	2	0	0	0.00	77.44	457.44

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	28.00	0.00	130.00	0.00	596.20	596.20

*SECNO 8163.000

3265 DIVIDED FLOW

3280 CROSS SECTION 8163.00 EXTENDED 1.06 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
610.99	608.82	0.00	679.	509.	130.	185.	602.80	608.50

3470 ENCROACHMENT STATIONS= 400.0 600.0 TYPE= 1 TARGET= 200.000

8163.00	12.86	609.06	0.00	609.08	609.15	0.09	0.33	0.00	608.50
1180.	0.	1175.	5.	0.	499.	32.	166.	36.	609.10
1.22	0.00	2.35	0.16	0.000	0.027	0.070	0.000	596.20	400.00
0.000137	113.	113.	113.	2	0	4	0.00	118.99	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 8212.000

3470 ENCROACHMENT STATIONS= 352.0 570.0 TYPE= 1 TARGET= 218.000
UPSTREAM OF SHOPPING CENTER DRIVE

8212.00	13.04	609.04	0.00	609.05	609.17	0.13	0.01	0.01	605.70
1180.	53.	1124.	3.	151.	374.	14.	166.	36.	608.40
1.23	0.35	3.01	0.20	0.070	0.027	0.070	0.000	596.00	352.00
0.000203	49.	49.	49.	2	0	0	0.00	218.00	570.00

*SECNO 8537.000

3470 ENCROACHMENT STATIONS= 340.0 500.0 TYPE= 1 TARGET= 160.000
DOWNSTREAM OF SHOPPING CENTER DRIVE

8537.00	11.45	609.05	0.00	609.07	609.31	0.26	0.11	0.04	607.40
1180.	41.	1139.	0.	70.	273.	0.	170.	37.	609.00
1.25	0.59	4.18	0.01	0.070	0.027	0.070	0.000	597.60	340.00
0.000610	325.	325.	325.	2	0	0	0.00	104.39	444.39

CCHV= 0.300 CEHV= 0.500
*SECNO 8586.000

3470 ENCROACHMENT STATIONS= 230.0 380.0 TYPE= 1 TARGET= 150.000

8586.00	11.07	609.27	0.00	609.28	609.38	0.11	0.02	0.05	608.60
1180.	10.	1170.	0.	45.	441.	4.	170.	38.	609.10
1.25	0.22	2.65	0.10	0.070	0.027	0.070	0.000	598.20	230.00
0.000186	49.	49.	49.	2	0	0	0.00	150.00	380.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.72	2.63	0.00	29.00	0.00	125.00	0.00	598.20	598.20

*SECNO 8683.000
PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.65	609.38	0.00	625.	562.	125.	186.	604.60	608.60

3470 ENCROACHMENT STATIONS= 275.0 400.0 TYPE= 1 TARGET= 125.000

8683.00	11.51	609.71	0.00	609.72	609.81	0.10	0.43	0.00	608.60
1180.	8.	1167.	6.	28.	466.	28.	171.	38.	609.10
1.27	0.27	2.50	0.20	0.070	0.027	0.070	0.000	598.20	275.00
0.000153	97.	97.	97.	2	0	4	0.00	125.00	400.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8732.000
2800 NAT Q1= 583.23 WSEL= 609.66 ENC Q1= 583.23 WSEL= 609.76 RATIO= 0.0000
NAT Q1= 603. RATIOS LOB,CH,ROB= 0.0888 0.9088 0.0025 WSEL= 609.76

3470 ENCROACHMENT STATIONS= 344.1 442.0 TYPE= 4 TARGET= 0.033
UPSTREAM OF SHOPPING CENTER DR.

8732.00	12.05	609.65	0.00	609.66	609.85	0.21	0.01	0.03	607.40
1180.	66.	1114.	0.	101.	297.	0.	172.	38.	609.00
1.27	0.66	3.74	0.00	0.070	0.027	0.000	0.000	597.60	344.14
0.000444	49.	49.	49.	2	0	0	0.00	97.86	442.00

*SECNO 9057.000
3280 CROSS SECTION 9057.00 EXTENDED 2.37 FEET

3470 ENCROACHMENT STATIONS= 290.0 565.0 TYPE= 1 TARGET= 275.000
DOWNSTREAM OF SHOPPING CENTER DRIVE

9057.00	12.07	609.87	0.00	609.87	609.91	0.05	0.04	0.02	606.70
1180.	87.	922.	172.	272.	478.	412.	177.	39.	603.30
1.33	0.32	1.93	0.42	0.070	0.027	0.070	0.000	597.80	290.00
0.000066	325.	325.	325.	2	0	0	0.00	275.00	565.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9106.000
3280 CROSS SECTION 9106.00 EXTENDED 3.89 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=			215.0	590.0	TYPE=	1	TARGET=	375.000	
9106.00	11.40	609.90	0.00	609.89	609.92	0.03	0.00	0.01	607.90
1180.	50.	715.	415.	183.	440.	983.	179.	40.	607.40
1.34	0.27	1.62	0.42	0.070	0.027	0.070	0.000	598.50	215.00
0.000061	49.	49.	49.	1	0	0	0.00	375.00	590.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.70	2.63	0.00	30.00	0.00	126.00	0.00	598.50	598.50

*SECNO 9201.000
3280 CROSS SECTION 9201.00 EXTENDED 3.93 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.21	609.92	0.00	986.	191.	126.	183.	604.60	607.40

3470 ENCROACHMENT STATIONS=			240.0	565.0	TYPE=	1	TARGET=	325.000	
9201.00	11.43	609.93	0.00	609.93	609.96	0.03	0.03	0.00	607.90
1180.	39.	749.	392.	135.	442.	888.	182.	40.	607.40
1.36	0.29	1.69	0.44	0.070	0.027	0.070	0.000	598.50	240.00
0.000066	95.	95.	95.	2	0	6	0.00	325.00	565.00

CCHV= 0.100 CEHV= 0.300
*SECNO 9250.000
3280 CROSS SECTION 9250.00 EXTENDED 2.43 FEET

3470 ENCROACHMENT STATIONS=			245.0	545.0	TYPE=	1	TARGET=	300.000	
UPSTREAM OF SHOPPING CENTER DRIVE									
9250.00	12.12	609.92	0.00	609.92	609.96	0.05	0.00	0.00	606.80
1180.	100.	922.	157.	336.	480.	365.	184.	41.	603.30
1.37	0.30	1.92	0.43	0.070	0.027	0.070	0.000	597.80	245.00
0.000065	49.	49.	49.	1	0	0	0.00	300.00	545.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRQB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9607.000
3280 CROSS SECTION 9607.00 EXTENDED 3.97 FEET

3470 ENCROACHMENT STATIONS= 100.0 710.0 TYPE= 1 TARGET= 610.000
DOWNSTREAM OF NEW PARDEE ROAD

9607.00	11.27	609.97	0.00	609.97	609.99	0.02	0.02	0.00	605.70
1180.	312.	530.	338.	965.	313.	747.	197.	45.	605.70
1.47	0.32	1.70	0.45	0.070	0.027	0.070	0.000	598.70	100.00
0.000066	357.	357.	357.	2	0	0	0.00	610.00	710.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9676.000
3280 CROSS SECTION 9676.00 EXTENDED 3.97 FEET

3470 ENCROACHMENT STATIONS= 25.0 600.0 TYPE= 1 TARGET= 575.000

9676.00	10.98	609.98	0.00	609.98	610.00	0.01	0.00	0.00	605.50
1180.	320.	589.	271.	1149.	442.	751.	200.	46.	605.30
1.49	0.28	1.33	0.36	0.070	0.027	0.070	0.000	599.00	25.00
0.000035	69.	69.	69.	0	0	0	0.00	575.00	600.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.90	2.63	0.00	27.00	0.00	95.00	0.00	599.00	599.00

*SECNO 9676.000
3700. BRIDGE STENCL= 25.00 STENCR= 600.00
3280 CROSS SECTION 9676.00 EXTENDED 4.02 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.53	610.00	0.00	1059.	121.	95.	127.	603.70	605.30

3470 ENCROACHMENT STATIONS= 25.0 600.0 TYPE= 1 TARGET= 575.000

9676.00	11.01	610.01	0.00	610.01	610.03	0.01	0.03	0.00	605.50
1180.	323.	586.	272.	1167.	444.	758.	206.	47.	605.30
1.53	0.28	1.32	0.36	0.070	0.027	0.070	0.000	599.00	25.00
0.000034	98.	98.	98.	1	0	6	0.00	575.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 9823.000
3280 CROSS SECTION 9823.00 EXTENDED 4.02 FEET

3470 ENCROACHMENT STATIONS= 200.0 750.0 TYPE= 1 TARGET= 550.000
UPSTREAM OF NEW PARDEE RD.

9823.00	11.31	610.01	0.00	610.01	610.03	0.02	0.00	0.00	605.70
1180.	269.	511.	400.	822.	314.	923.	208.	47.	605.70
1.54	0.33	1.62	0.43	0.070	0.027	0.070	0.000	598.70	200.00
0.000060	49.	49.	49.	0	0	0	0.00	550.00	750.00

*SECNO 10293.000
3280 CROSS SECTION 10293.00 EXTENDED 4.04 FEET

3470 ENCROACHMENT STATIONS= 280.0 750.0 TYPE= 1 TARGET= 470.000
DOWNSTREAM OF DRIVEWAY TO BIGAMA

10293.00	10.64	610.04	0.00	610.04	610.07	0.03	0.03	0.00	607.30
1180.	194.	582.	403.	538.	320.	819.	228.	53.	606.90
1.66	0.36	1.82	0.49	0.070	0.027	0.070	0.000	599.40	280.00
0.000088	470.	470.	470.	0	0	0	0.00	470.00	750.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10342.000
3280 CROSS SECTION 10342.00 EXTENDED 3.05 FEET

3470 ENCROACHMENT STATIONS= 352.6 800.0 TYPE= 1 TARGET= 447.400

10342.00	11.25	610.05	0.00	610.05	610.07	0.02	0.00	0.00	608.80
1180.	5.	592.	583.	37.	384.	1463.	230.	53.	607.30
1.67	0.13	1.54	0.40	0.070	0.027	0.070	0.000	598.80	352.60
0.000054	49.	49.	49.	0	0	0	0.00	447.40	800.00

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	20.00	2.00	124.00	0.00	588.80	588.80

*SECNO 10400.000
3700. BRIDGE STENCL= 351.56 STENCR= 800.00
3280 CROSS SECTION 10400.00 EXTENDED 3.10 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.46	610.08	0.00	999.	180.	124.	297.	605.30	607.30

3470 ENCROACHMENT STATIONS= 351.6 800.0 TYPE= 1 TARGET= 448.440

10400.00	11.29	610.09	0.00	610.09	610.11	0.02	0.04	0.00	608.80
1180.	5.	589.	586.	40.	387.	1483.	233.	54.	607.30
1.69	0.13	1.52	0.40	0.070	0.027	0.070	0.000	598.80	351.56
0.000052	58.	58.	58.	1	0	6	0.00	448.44	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10449.000
3280 CROSS SECTION 10449.00 EXTENDED 4.09 FEET

3470 ENCROACHMENT STATIONS= 235.0 710.0 TYPE= 1 TARGET= 475.000
UPSTREAM OF DRIVEWAY TO SIGaMa

10449.00	10.69	610.09	0.00	610.08	610.12	0.03	0.00	0.00	607.30
1180.	232.	609.	340.	628.	323.	667.	235.	55.	606.90
1.70	0.37	1.89	0.51	0.070	0.027	0.070	0.000	599.40	235.00
0.000094	49.	49.	49.	0	0	0	0.00	475.00	710.00

*SECNO 10754.000
3280 CROSS SECTION 10754.00 EXTENDED 4.11 FEET

3470 ENCROACHMENT STATIONS= 320.0 770.0 TYPE= 1 TARGET= 450.000
DOWNSTREAM OF DRIVEWAY TO aBIG Ma

10754.00	10.91	610.11	0.00	610.10	610.15	0.04	0.03	0.00	609.40
1180.	36.	736.	408.	180.	383.	848.	246.	58.	605.60
1.76	0.20	1.92	0.48	0.070	0.027	0.070	0.000	599.20	320.00
0.000087	305.	305.	305.	0	0	0	0.00	450.00	770.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 10803.000
3280 CROSS SECTION 10803.00 EXTENDED 2.11 FEET

3470 ENCROACHMENT STATIONS= 272.0 700.0 TYPE= 1 TARGET= 428.000

10803.00	10.70	610.10	0.00	610.09	610.16	0.06	0.01	0.01	609.20
1180.	3.	803.	374.	18.	341.	840.	247.	58.	608.00
1.77	0.18	2.36	0.44	0.070	0.027	0.070	0.000	599.40	272.00
0.000141	49.	49.	49.	1	0	0	0.00	428.00	700.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.75	2.63	0.00	19.00	1.00	120.00	0.00	599.40	599.40

*SECNO 10871.000
3280 CROSS SECTION 10871.00 EXTENDED 2.12 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.73	610.17	0.00	978.	199.	120.	115.	605.80	608.10

3470 ENCROACHMENT STATIONS= 280.0 690.0 TYPE= 1 TARGET= 410.000

10871.00	10.72	610.12	0.00	610.11	610.18	0.06	0.02	0.00	609.20
1180.	3.	808.	369.	14.	341.	822.	249.	59.	608.00
1.78	0.20	2.37	0.45	0.070	0.027	0.070	0.000	599.40	280.00
0.000142	68.	68.	68.	2	0	6	0.00	410.00	690.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10920.000
3280 CROSS SECTION 10920.00 EXTENDED 4.15 FEET

3470 ENCROACHMENT STATIONS= 350.0 750.0 TYPE= 1 TARGET= 400.000
UPSTREAM OF DRIVEWAY TO @BIG M@

10920.00	10.75	610.15	0.00	610.14	610.19	0.04	0.01	0.00	609.40
1180.	31.	759.	389.	152.	382.	778.	250.	59.	605.60
1.79	0.21	1.99	0.50	0.070	0.027	0.070	0.000	599.40	350.00
0.000094	49.	49.	49.	2	0	0	0.00	400.00	750.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11098.000
3280 CROSS SECTION 11098.00 EXTENDED 2.16 FEET

3470 ENCROACHMENT STATIONS= 250.0 625.0 TYPE= 1 TARGET= 375.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

11098.00	10.66	610.16	0.00	610.15	610.21	0.05	0.02	0.00	607.50
1180.	299.	797.	84.	653.	358.	192.	255.	61.	607.30
1.82	0.46	2.23	0.44	0.070	0.027	0.070	0.000	599.50	250.00
0.000127	178.	178.	178.	1	0	0	0.00	375.00	625.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11147.000
3280 CROSS SECTION 11147.00 EXTENDED 0.13 FEET

3470 ENCROACHMENT STATIONS= 250.0 600.0 TYPE= 1 TARGET= 350.000

11147.00	10.23	610.13	0.00	610.13	610.25	0.11	0.01	0.03	609.10
1180.	7.	980.	194.	29.	332.	432.	256.	61.	608.60
1.82	0.22	2.95	0.45	0.070	0.027	0.070	0.000	599.90	250.00
.000225	49.	49.	49.	2	0	0	0.00	350.00	600.00

SPECIAL BRIDGE

SS	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	19.00	1.00	107.00	0.00	600.00	600.00

*SECNO 11205.000
3700. BRIDGE STENCL= 250.00 STENCR= 600.00
3280 CROSS SECTION 11205.00 EXTENDED 0.14 FEET

PRESSURE AND WEIR FLOW

GPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.36	610.25	0.01	962.	223.	107.	106.	605.90	608.60

3270 ENCROACHMENT STATIONS= 250.0 600.0 TYPE= 1 TARGET= 350.000

1205.00	10.24	610.14	0.00	610.13	610.25	0.11	0.00	0.00	609.10
1180.	7.	979.	194.	29.	332.	432.	258.	62.	608.60
1.83	0.22	2.95	0.45	0.070	0.027	0.070	0.000	599.90	250.00
.000225	58.	58.	58.	2	0	7	0.00	350.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 11254.000
3280 CROSS SECTION 11254.00 EXTENDED 2.22 FEET

3470 ENCROACHMENT STATIONS= 210.0 660.0 TYPE= 1 TARGET= 450.000
UPSTREAM OF DRIVEWAY TO @BIG M@

11254.00	10.72	610.22	0.00	610.21	610.26	0.04	0.01	0.01	607.50
1180.	308.	757.	115.	728.	360.	280.	259.	62.	607.30
1.84	0.42	2.10	0.41	0.070	0.027	0.070	0.000	599.50	210.00
0.000112	49.	49.	49.	2	0	0	0.00	450.00	660.00

*SECNO 11404.000
3280 CROSS SECTION 11404.00 EXTENDED 1.71 FEET

3470 ENCROACHMENT STATIONS= 370.0 745.0 TYPE= 1 TARGET= 375.000
DOWNSTREAM OF SYRACUSE RD.

11404.00	9.61	610.21	0.00	610.21	610.31	0.11	0.03	0.02	607.30
1180.	92.	692.	396.	160.	206.	513.	263.	64.	608.30
1.86	0.57	3.36	0.77	0.070	0.027	0.070	0.000	600.60	370.00
0.000411	150.	150.	150.	2	0	0	0.00	375.00	745.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11453.000
3280 CROSS SECTION 11453.00 EXTENDED 0.76 FEET

3470 ENCROACHMENT STATIONS= 325.0 675.0 TYPE= 1 TARGET= 350.000

11453.00	10.06	610.26	0.00	610.23	610.34	0.07	0.01	0.01	607.40
1180.	116.	653.	411.	192.	230.	647.	264.	64.	607.00
1.87	0.60	2.84	0.64	0.070	0.027	0.070	0.000	600.20	325.00
0.000236	49.	49.	49.	2	0	0	0.00	350.00	675.00

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.38	2.63	0.00	18.00	0.00	68.00	0.00	600.20	600.20

*SECNO 11643.000
3700. BRIDGE STENCL= 290.00 STENCR= 715.00
3280 CROSS SECTION 11643.00 EXTENDED 0.78 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
621.39	610.34	0.00	1077.	100.	68.	104.	606.00	607.00

3470 ENCROACHMENT STATIONS= 290.0 715.0 TYPE= 1 TARGET= 425.000

11643.00	10.08	610.28	0.00	610.24	610.35	0.06	0.01	0.00	607.40
1180.	134.	628.	418.	246.	230.	705.	269.	66.	607.00
1.90	0.55	2.73	0.59	0.070	0.027	0.070	0.000	600.20	290.00
0.000216	190.	190.	190.	2	0	6	0.00	425.00	715.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11692.000
3280 CROSS SECTION 11692.00 EXTENDED 1.79 FEET

3470 ENCROACHMENT STATIONS= 255.0 780.0 TYPE= 1 TARGET= 525.000
UPSTREAM OF SYRACUSE RD.

11692.00	9.68	610.28	0.00	610.25	610.36	0.08	0.01	0.01	607.30
1180.	99.	645.	436.	206.	209.	610.	270.	66.	608.30
1.90	0.48	3.09	0.71	0.070	0.027	0.070	0.000	600.60	281.59
0.000342	49.	49.	49.	1	0	0	0.00	498.41	780.00

*SECNO 12692.000
3280 CROSS SECTION 12692.00 EXTENDED 2.27 FEET

3470 ENCROACHMENT STATIONS= 460.0 620.0 TYPE= 1 TARGET= 160.000
DOWNSTREAM OF NB OF TELEGRAPH RD.

12692.00	8.07	610.67	0.00	610.57	610.87	0.19	0.47	0.03	607.40
1180.	105.	673.	402.	104.	148.	329.	283.	74.	607.20
1.99	1.02	4.55	1.22	0.070	0.027	0.070	0.000	602.60	460.00
0.000684	1000.	1000.	1000.	2	0	0	0.00	160.00	620.00

PRINTED IN U.S.A.

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

CCHV=   0.300 CEHV=   0.500
*SECNO 12741.000
3280 CROSS SECTION  12741.00 EXTENDED      1.23 FEET

3470 ENCROACHMENT STATIONS=     394.0     529.0  TYPE=     1  TARGET=     135.000
 12741.00      8.83    610.63      0.00    610.50    610.99      0.36      0.04      0.09    609.40
    1180.       107.     1073.        0.       130.       211.        0.       289.       74. 100000.00
     2.00      0.83      5.07      0.00     0.060     0.027     0.000     0.000    601.80    394.00
0.000864       49.       49.       49.         2         0         0      0.00    135.00    529.00

SPECIAL BRIDGE

SB  XK        XKOR      COFQ      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
     0.00      2.49      2.63      0.00     12.00      0.00     52.00      0.00    601.80    601.80

*SECNO 12831.000
6870 D.S. ENERGY OF  610.99 HIGHER THAN COMPUTED ENERGY OF  610.77
3280 CROSS SECTION  12831.00 EXTENDED      1.17 FEET

PRESSURE AND WEIR FLOW

 EGPRS     EGLWC     H3        QWEIR     QPR       BAREA     TRAPEZOID AREA     ELLC      ELTRD
  630.54    610.99      0.00      1081.       99.       52.       56.    606.50    609.40

3470 ENCROACHMENT STATIONS=     439.0     529.0  TYPE=     1  TARGET=      90.000
 12831.00      8.77    610.57      0.00    610.47    610.99      0.42      0.00      0.00    609.40
    1180.        60.     1120.        0.        71.       210.        0.       289.       74. 100000.00
     2.00      0.84      5.34      0.00     0.060     0.027     0.000     0.000    601.80    439.00
0.000964       90.       90.       90.         2         0 ...       8      0.00     90.00    529.00

CCHV=   0.100 CEHV=   0.300
*SECNO 12880.000
3280 CROSS SECTION  12880.00 EXTENDED      2.18 FEET

3470 ENCROACHMENT STATIONS=     495.0     560.0  TYPE=     1  TARGET=      65.000
          UPSTREAM OF NB OF TELEGRAPH RD.
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DOWNSTREAM OF SB OF TELEGRAPH RD.

12880.00	7.98	610.58	0.00	610.71	611.07	0.49	0.06	0.02	607.40
1180.	22.	916.	243.	15.	146.	127.	290.	74.	607.20
2.00	1.40	6.29	1.91	0.060	0.027	0.060	0.000	602.60	495.00
0.001330	49.	49.	49.	2	0	0	0.00	65.00	560.00

*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 2.18 FEET

3470 ENCROACHMENT STATIONS= 495.0 560.0 TYPE= 1 TARGET= 65.000

12880.00	7.98	610.58	0.00	610.71	611.07	0.49	0.00	0.00	607.40
1180.	22.	916.	243.	15.	146.	127.	290.	74.	607.20
2.00	1.40	6.29	1.91	0.060	0.027	0.060	0.000	602.60	495.00
0.001330	0.	0.	0.	0	0	0	0.00	65.00	560.00

CCHV= 0.300 CEHV= 0.800
*SECNO 12929.000
3280 CROSS SECTION 12929.00 EXTENDED 0.61 FEET

3470 ENCROACHMENT STATIONS= 325.0 515.0 TYPE= 1 TARGET= 190.000

12929.00	8.21	610.61	0.00	610.64	611.35	0.74	0.09	0.20	611.20
1180.	0.	1180.	0.	0.	171.	0.	290.	74.	611.20
2.00	0.00	6.89	0.00	0.000	0.027	0.000	0.000	602.40	401.25
0.002472	49.	49.	49.	2	0	0	0.00	36.58	437.83

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	20.00	0.00	122.00	0.00	602.40	602.40

*SECNO 12986.000
3280 CROSS SECTION 12986.00 EXTENDED 2.32 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.34	611.35	0.00	171.	1008.	122.	142.	609.50	611.20

3470 ENCROACHMENT STATIONS= 340.0 500.0 TYPE= 1 TARGET= 160.000

12986.00	9.92	612.32	0.00	612.46	612.61	0.29	1.26	0.00	611.20
1180.	53.	1071.	56.	71.	237.	73.	290.	75.	611.20
2.01	0.75	4.52	0.76	0.060	0.027	0.060	0.000	602.40	340.00
0.000747	57.	57.	57.	2	0	2	0.00	160.00	500.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 13035.000
3280 CROSS SECTION 13035.00 EXTENDED 4.21 FEET

3470 ENCROACHMENT STATIONS= 390.0 650.0 TYPE= 1 TARGET= 260.000
UPSTREAM OF SB OF TELEGRAPH RD.

13035.00	10.01	612.61	0.00	612.63	612.64	0.03	0.01	0.03	607.40
1180.	260.	410.	509.	415.	190.	669.	291.	75.	607.20
2.02	0.63	2.15	0.76	0.060	0.027	0.060	0.000	602.60	390.00
0.000109	49.	49.	49.	2	0	0	0.00	260.00	650.00

*SECNO 13335.000

3470 ENCROACHMENT STATIONS= 105.0 705.0 TYPE= 1 TARGET= 600.000
DOWNSTREAM OF COOPER RD.

13335.00	10.36	612.66	0.00	612.66	612.68	0.01	0.03	0.00	608.60
1180.	706.	387.	88.	1317.	253.	262.	302.	78.	610.50
2.12	0.54	1.53	0.34	0.060	0.027	0.060	0.000	602.30	105.00
0.000094	300.	300.	300.	2	0	0	0.00	600.00	705.00

CCHV= 0.300 CEHV= 0.500
*SECNO 13434.000

3470 ENCROACHMENT STATIONS= 1.0 619.5 TYPE= 1 TARGET= 618.510

13434.00	10.87	612.67	0.00	612.66	612.69	0.02	0.01	0.00	609.10
1180.	636.	396.	147.	1442.	228.	430.	307.	79.	609.10
2.15	0.44	1.74	0.34	0.070	0.027	0.070	0.000	601.80	1.00
0.000079	99.	99.	99.	0	0	0	0.00	618.51	619.51

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	9.00	0.00	45.00	0.00	601.80	601.80

*SECNO 13476.000
3700. BRIDGE STENCL= 1.00 STENCR= 619.29
PRESSURE AND WEIR FLOW

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
632.74	612.69	0.00	1127.	59.	45.	58.	608.20	609.10

3470 ENCROACHMENT STATIONS= 1.0 619.3 TYPE= 1 TARGET= 618.290

13476.00	10.90	612.70	0.00	612.69	612.72	0.02	0.03	0.00	609.10
1180.	638.	393.	149.	1458.	229.	438.	309.	80.	609.10
2.16	0.44	1.72	0.34	0.070	0.027	0.070	0.000	601.80	1.00
0.000076	42.	42.	42.	1	0	6	0.00	618.29	619.29

CCHV= 0.100 CEHV= 0.300
*SECNO 13575.000
2800 NAT Q1= 1316.99 WSEL= 612.71 ENC Q1= 1316.99 WSEL= 612.81 RATIO= 0.0000
NAT Q1= 1385. RATIOS LOB,CH,ROB= 0.6187 0.3000 0.0812 WSEL= 612.81
3280 CROSS SECTION 13575.00 EXTENDED 3.51 FEET

3470 ENCROACHMENT STATIONS= 18.7 674.7 TYPE= 4 TARGET= 0.049
UPSTREAM OF COOPER RD.

13575.00	10.41	612.71	0.00	612.71	612.73	0.01	0.01	0.00	608.60
1180.	735.	378.	67.	1639.	255.	231.	313.	81.	610.50
2.20	0.45	1.48	0.29	0.070	0.027	0.070	0.000	602.30	18.74
0.000088	99.	99.	99.	0	0	0	0.00	655.99	674.73

*SECNO 14475.000
3280 CROSS SECTION 14475.00 EXTENDED 1.09 FEET

3470 ENCROACHMENT STATIONS= 330.0 685.0 TYPE= 1 TARGET= 355.000
DOWNSTREAM OF BAILY RD.

14475.00	9.59	612.79	0.00	612.80	612.93	0.14	0.16	0.04	609.90
1180.	494.	592.	94.	491.	145.	146.	343.	92.	609.20
2.30	1.01	4.09	0.65	0.070	0.027	0.070	0.000	603.20	330.00
0.000557	900.	900.	900.	0	0	0	0.00	355.00	685.00

CCHV= 0.300 CEHV= 0.500

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14524.000
3280 CROSS SECTION 14524.00 EXTENDED 1.51 FEET

3470 ENCROACHMENT STATIONS= 100.0 430.0 TYPE= 1 TARGET= 330.000

14524.00	10.11	612.81	0.00	612.81	612.96	0.14	0.03	0.00	612.30
1180.	468.	712.	0.	497.	185.	1.	344.	92.	612.20
2.30	0.94	3.85	0.30	0.055	0.027	0.060	0.000	602.70	100.00
0.000551	49.	49.	49.	0	0	0	0.00	330.00	430.00

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.41	2.63	0.00	12.00	0.00	73.00	0.00	602.70	602.70

*SECNO 14652.000
6870 D.S. ENERGY OF 612.96 HIGHER THAN COMPUTED ENERGY OF 612.87
3280 CROSS SECTION 14652.00 EXTENDED 1.55 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
622.59	612.96	0.00	1090.	93.	73.	96.	610.70	612.20

3470 ENCROACHMENT STATIONS= 25.0 525.0 TYPE= 1 TARGET= 500.000

14652.00	10.15	612.85	0.00	612.80	612.96	0.11	0.00	0.00	612.30
1180.	495.	650.	34.	597.	186.	76.	346.	93.	612.20
2.32	0.83	3.49	0.45	0.055	0.027	0.060	0.000	602.70	25.00
0.000449	128.	128.	128.	2	0	7	0.00	500.00	525.00

CCHV= 0.100 CEHV= 0.300
*SECNO 14701.000
3280 CROSS SECTION 14701.00 EXTENDED 1.23 FEET

3470 ENCROACHMENT STATIONS= 215.0 815.0 TYPE= 1 TARGET= 600.000
UPSTREAM OF BAILY RD.

14701.00	9.73	612.93	0.00	612.85	612.98	0.05	0.02	0.01	609.90
1180.	634.	434.	111.	859.	147.	237.	348.	94.	609.20
2.33	0.74	2.95	0.47	0.070	0.027	0.060	0.000	603.20	215.00
0.000282	49.	49.	49.	2	0	0	0.00	600.00	815.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 15601.000

3470 ENCROACHMENT STATIONS= 435.0 710.0 TYPE= 1 TARGET= 275.000

DOWNSTREAM OF WESTLAKE RD.

15601.00	8.92	613.22	0.00	613.13	613.46	0.24	0.43	0.05	612.00
1180.	69.	733.	378.	87.	151.	333.	366.	103.	611.10
2.40	0.79	4.86	1.14	0.070	0.027	0.060	0.000	604.30	435.00
0.000954	900.	900.	900.	2	0	0	0.00	275.00	710.00

CCHV= 0.300 CEHV= 0.500

*SECNO 15750.000

3470 ENCROACHMENT STATIONS= 320.0 520.0 TYPE= 1 TARGET= 200.000

15750.00	8.09	613.39	0.00	613.27	613.58	0.19	0.11	0.01	610.20
1180.	128.	880.	172.	138.	219.	169.	368.	104.	610.00
2.41	0.92	4.02	1.02	0.060	0.027	0.060	0.000	605.30	320.00
0.000589	149.	149.	149.	2	0	0	0.00	200.00	520.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.23	2.63	0.00	12.00	0.00	68.00	0.00	605.30	605.30

*SECNO 15800.000

3280 CROSS SECTION 15800.00 EXTENDED 0.18 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.82	613.57	0.00	759.	425.	68.	89.	612.70	614.70

3470 ENCROACHMENT STATIONS= 270.0 570.0 TYPE= 1 TARGET= 300.000

15800.00	9.38	614.68	0.00	614.69	614.75	0.06	1.16	0.00	610.20
1180.	212.	697.	271.	327.	271.	384.	369.	104.	610.00
2.42	0.65	2.58	0.70	0.060	0.027	0.060	0.000	605.30	270.00
0.000182	50.	50.	50.	2	0	6	0.00	300.00	570.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 15849.000

3470 ENCROACHMENT STATIONS= 315.0 715.0 TYPE= 1 TARGET= 400.000
UPSTREAM OF WESTLAKE RD.

15849.00	10.41	614.71	0.00	614.71	614.76	0.05	0.01	0.00	612.00
1180.	250.	501.	429.	438.	186.	621.	370.	104.	611.10
2.43	0.57	2.69	0.69	0.070	0.027	0.070	0.000	604.30	315.00
0.000221	49.	49.	49.	0	0	0	0.00	400.00	715.00

CCHV= 0.100 CEHV= 0.500
*SECNO 17575.000
3280 CROSS SECTION 17575.00 EXTENDED 1.69 FEET

3470 ENCROACHMENT STATIONS= 175.0 650.0 TYPE= 1 TARGET= 475.000

17575.00	7.49	615.29	0.00	615.17	615.33	0.03	0.57	0.00	613.90
1180.	310.	291.	579.	416.	112.	609.	418.	122.	613.10
2.80	0.74	2.59	0.95	0.070	0.035	0.070	0.000	607.80	175.00
0.000543	1726.	1726.	1726.	2	0	0	0.00	475.00	650.00

CCHV= 0.100 CEHV= 0.800
*SECNO 17710.000
3280 CROSS SECTION 17710.00 EXTENDED 0.19 FEET

3470 ENCROACHMENT STATIONS= 205.0 655.0 TYPE= 1 TARGET= 450.000

17710.00	7.19	615.39	0.00	615.25	615.62	0.23	0.14	0.16	614.50
1180.	160.	566.	454.	178.	106.	299.	420.	123.	613.80
2.81	0.90	5.35	1.52	0.070	0.035	0.070	0.000	608.20	205.00
0.002649	135.	135.	135.	2	0	0	0.00	450.00	655.00

*SECNO 17850.000

3470 ENCROACHMENT STATIONS= 245.0 645.0 TYPE= 1 TARGET= 400.000

17850.00	7.68	615.78	0.00	615.65	616.21	0.43	0.42	0.16	614.50
1180.	160.	782.	238.	150.	123.	158.	422.	124.	614.10
2.82	1.07	6.38	1.51	0.070	0.035	0.070	0.000	608.10	272.02
0.003508	140.	140.	140.	2	0	0	0.00	372.98	645.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18100.000
3280 CROSS SECTION 18100.00 EXTENDED 0.41 FEET

3470 ENCROACHMENT STATIONS= 325.0 725.0 TYPE= 1 TARGET= 400.000

18100.00	8.21	616.61	0.00	616.50	616.76	0.15	0.52	0.03	614.80
1180.	221.	581.	378.	230.	136.	337.	425.	127.	614.40
2.84	0.96	4.28	1.12	0.070	0.035	0.070	0.000	608.40	325.00
0.001380	250.	250.	250.	2	0	0	0.00	400.00	725.00

*SECNO 18575.000

3470 ENCROACHMENT STATIONS= 480.0 730.0 TYPE= 1 TARGET= 250.000
DOWNSTREAM OF BEECH DALY RD.

18575.00	8.55	617.45	0.00	617.38	617.86	0.40	0.90	0.20	616.70
1180.	11.	820.	350.	13.	135.	261.	431.	130.	614.60
2.87	0.82	6.05	1.34	0.070	0.035	0.070	0.000	608.90	480.00
0.002743	475.	475.	475.	2	0	0	0.00	250.00	730.00

CCHV= 0.300 CEHV= 0.500
*SECNO 18624.000
3280 CROSS SECTION 18624.00 EXTENDED 0.95 FEET

3470 ENCROACHMENT STATIONS= 360.0 585.0 TYPE= 1 TARGET= 225.000

18624.00	8.85	617.95	0.00	617.92	617.99	0.04	0.03	0.11	611.00
1180.	214.	337.	629.	228.	130.	696.	432.	131.	609.10
2.88	0.94	2.60	0.90	0.060	0.035	0.070	0.000	609.10	360.00
0.000226	49.	49.	49.	2	0	0	0.00	225.00	585.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.98	2.63	0.00	15.00	0.00	112.00	0.00	609.40	609.40

*SECNO 18704.000
3280 CROSS SECTION 18704.00 EXTENDED 1.29 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
621.37	618.30	0.00	791.	394.	112.	105.	616.40	618.50

3470 ENCROACHMENT STATIONS=			325.0	525.0	TYPE=	1	TARGET=	200.000	
18704.00	9.19	618.29	0.00	618.30	618.33	0.04	0.34	0.00	611.00
1180.	291.	355.	534.	328.	135.	532.	434.	131.	609.10
2.90	0.89	2.64	1.00	0.060	0.035	0.070	0.000	609.10	325.00
0.000221	80.	80.	80.	2	0	5	0.00	200.00	525.00

CCHV= 0.100 CEHV= 0.300
*SECNO 18753.000
3280 CROSS SECTION 18753.00 EXTENDED 0.17 FEET

3470 ENCROACHMENT STATIONS=			400.0	700.0	TYPE=	1	TARGET=	300.000	
UPSTREAM OF BEECH DALY RD.									
18753.00	9.27	618.17	0.00	618.20	618.41	0.25	0.02	0.06	616.70
1180.	61.	756.	363.	97.	153.	351.	435.	131.	614.60
2.90	0.63	4.95	1.04	0.070	0.027	0.070	0.000	608.90	400.00
0.000933	49.	49.	49.	2	0	0	0.00	300.00	700.00

*SECNO 19003.000

3470 ENCROACHMENT STATIONS=			280.0	640.0	TYPE=	1	TARGET=	360.000	
DOWNSTREAM OF MC GUIRE RD.									
19003.00	8.63	618.33	0.00	618.29	618.67	0.33	0.23	0.03	615.00
1180.	194.	920.	67.	202.	176.	93.	438.	133.	615.80
2.92	0.96	5.24	0.72	0.070	0.027	0.070	0.000	609.70	298.05
0.000887	250.	250.	250.	2	0	0	0.00	341.95	640.00

CCHV= 0.300 CEHV= 0.500
*SECNO 19077.000

3470 ENCROACHMENT STATIONS=			220.0	550.0	TYPE=	1	TARGET=	330.000	

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
19077.00	9.26	618.76	0.00	618.74	618.78	0.02	0.02	0.09	617.20
1180.	456.	367.	357.	738.	209.	537.	440.	134.	613.00
2.94	0.62	1.75	0.66	0.060	0.027	0.060	0.000	609.50	220.00
0.000095	74.	74.	74.	2	0	0	0.00	330.00	550.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.59	2.63	0.00	12.00	0.00	69.00	0.00	609.50	609.50

*SECNO 19235.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
630.52	618.78	0.00	1071.	109.	69.	90.	617.00	617.20

3470 ENCROACHMENT STATIONS= 220.0 470.0 TYPE= 1 TARGET= 250.000

19235.00	9.33	618.83	0.00	618.83	618.86	0.03	0.08	0.00	617.20
1180.	562.	448.	170.	750.	212.	207.	444.	135.	613.00
2.97	0.75	2.12	0.82	0.060	0.027	0.060	0.000	609.50	220.00
0.000136	158.	158.	158.	2	0	8	0.00	250.00	470.00

CCHV= 0.300 CEHV= 0.500
*SECNO 19384.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 280.0 530.0 TYPE= 1 TARGET= 250.000
DOWNSTREAM OF MARVIN RD.

19384.00	8.47	618.57	616.71	618.69	619.23	0.66	0.06	0.31	617.60
1180.	108.	1071.	1.	122.	157.	1.	447.	136.	617.50
2.98	0.89	6.84	0.79	0.070	0.035	0.070	0.000	610.10	280.00
0.003296	149.	149.	149.	4	14	0	0.00	250.00	530.00

CCHV= 0.300 CEHV= 0.500

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 19433.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19433.00 EXTENDED 1.25 FEET

3470 ENCROACHMENT STATIONS= 310.0 535.0 TYPE= 1 TARGET= 225.000

19433.00	9.65	618.75	616.95	618.71	619.42	0.67	0.19	0.01	618.00
1180.	120.	955.	105.	79.	131.	75.	447.	136.	618.00
2.98	1.51	7.28	1.39	0.060	0.027	0.055	0.000	609.10	310.00
0.004384	49.	49.	49.	4	15	0	0.00	221.43	535.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.19	3.00	0.00	12.00	0.00	76.00	0.00	609.10	609.10

*SECNO 19677.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19677.00 EXTENDED 2.21 FEET

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
630.69	619.42	0.00	837.	344.	76.	97.	617.20	618.00

3470 ENCROACHMENT STATIONS= 120.0 720.0 TYPE= 1 TARGET= 600.000

19677.00	10.61	619.71	0.00	619.72	619.77	0.06	0.34	0.00	618.00
1180.	340.	443.	397.	419.	152.	449.	451.	138.	618.00
3.02	0.31	2.92	0.88	0.060	0.027	0.055	0.000	609.10	120.00
0.000613	244.	244.	244.	2	0	6	0.00	596.47	720.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 19776.000

3470 ENCROACHMENT STATIONS= 150.0 700.0 TYPE= 1 TARGET= 550.000
UPSTREAM OF MARVIN RD.

19776.00	9.60	619.70	0.00	619.69	619.85	0.15	0.05	0.03	617.60
1180.	286.	735.	158.	468.	189.	225.	453.	139.	617.50
3.03	0.61	3.88	0.70	0.070	0.027	0.070	0.000	610.10	150.00
0.000492	99.	99.	99.	2	0	0	0.00	550.00	700.00

*SECNO 19876.000

3470 ENCROACHMENT STATIONS= 220.0 720.0 TYPE= 1 TARGET= 500.000
DOWNSTREAM OF FELLRATH RD.

19876.00	8.95	619.65	0.00	619.64	619.96	0.31	0.06	0.05	617.40
1180.	222.	912.	46.	321.	179.	100.	455.	141.	616.50
3.04	0.69	5.09	0.46	0.070	0.027	0.070	0.000	610.70	220.00
0.000793	100.	100.	100.	2	0	0	0.00	500.00	720.00

CCHV= 0.300 CEHV= 0.500
*SECNO 19925.000

3470 ENCROACHMENT STATIONS= 45.0 520.0 TYPE= 1 TARGET= 475.000

19925.00	9.52	620.02	0.00	620.01	620.05	0.03	0.01	0.08	614.00
1180.	543.	489.	148.	989.	219.	283.	456.	141.	615.00
3.05	0.55	2.23	0.52	0.070	0.027	0.070	0.000	610.50	45.00
0.000120	49.	49.	49.	2	0	0	0.00	475.00	520.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.27	2.63	0.00	12.00	0.00	75.00	0.00	610.50	610.50

*SECNO 20033.000
PRESSURE AND WEIR FLOW

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
628.74	620.05	0.00	945.	236.	75.	96.	618.50	618.80

3470 ENCROACHMENT STATIONS= 60.0 485.0 TYPE= 1 TARGET= 425.000

20033.00	9.84	620.34	0.00	620.33	620.37	0.03	0.31	0.00	614.00
1180.	573.	478.	129.	1092.	228.	236.	460.	142.	615.00
3.08	0.52	2.10	0.55	0.070	0.027	0.070	0.000	610.50	60.00
0.000100	108.	108.	108.	2	0	6	0.00	425.00	485.00

CCHV= 0.100 CEHV= 0.300
*SECNO 20082.000

3470 ENCROACHMENT STATIONS= 295.0 695.0 TYPE= 1 TARGET= 400.000
UPSTREAM OF FELLRATH RD.

20082.00	9.52	620.22	0.00	620.23	620.43	0.21	0.01	0.05	617.40
1180.	284.	816.	80.	371.	188.	151.	461.	143.	616.50
3.08	0.77	4.35	0.53	0.070	0.027	0.070	0.000	610.70	295.00
0.000562	49.	49.	49.	2	0	0	0.00	400.00	695.00

*SECNO 20232.000

3470 ENCROACHMENT STATIONS= 280.0 680.0 TYPE= 1 TARGET= 400.000
DOWNSTREAM OF HAROLD RD.

20232.00	8.96	620.26	0.00	620.26	620.57	0.31	0.11	0.03	618.20
1180.	204.	900.	76.	236.	177.	122.	463.	144.	619.00
3.09	0.87	5.10	0.62	0.070	0.027	0.070	0.000	611.30	280.00
0.001082	150.	150.	150.	0	0	0	0.00	400.00	680.00

CCHV= 0.300 CEHV= 0.500
*SECNO 20281.000

3470 ENCROACHMENT STATIONS= 85.0 460.0 TYPE= 1 TARGET= 375.000

20281.00	9.52	620.62	0.00	620.64	620.67	0.05	0.02	0.08	614.00
1180.	690.	313.	177.	814.	99.	167.	464.	145.	614.00
3.10	0.85	3.17	1.06	0.055	0.027	0.055	0.000	611.10	85.00
0.000244	49.	49.	49.	2	0	0	0.00	375.00	460.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.30	2.63	0.00	11.00	0.00	62.00	0.00	612.00	612.00

*SECNO 20385.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
633.56	621.57	0.00	1065.	124.	62.	79.	619.20	619.40

3470 ENCROACHMENT STATIONS= 25.0 525.0 TYPE= 1 TARGET= 500.000

20385.00	9.63	620.73	0.00	620.74	620.77	0.03	0.09	0.00	614.00
1180.	660.	272.	247.	926.	100.	308.	467.	146.	614.00
3.13	0.71	2.73	0.80	0.055	0.027	0.055	0.000	611.10	25.00
0.000178	104.	104.	104.	2	0	6	0.00	500.00	525.00

CCHV= 0.100 CEHV= 0.300
*SECNO 20434.000

3470 ENCROACHMENT STATIONS= 245.0 720.0 TYPE= 1 TARGET= 475.000
UPSTREAM OF HAROLD RD.

20434.00	9.36	620.66	0.00	620.67	620.82	0.16	0.01	0.04	618.20
1180.	283.	753.	145.	310.	189.	203.	468.	146.	619.00
3.13	0.91	3.98	0.71	0.055	0.027	0.055	0.000	611.30	245.00
0.000600	49.	49.	49.	2	0	0	0.00	475.00	720.00

CCHV= 0.100 CEHV= 0.300
*SECNO 21554.000
3280 CROSS SECTION 21554.00 EXTENDED 0.47 FEET

3470 ENCROACHMENT STATIONS= 330.0 930.0 TYPE= 1 TARGET= 600.000
DOWNSTREAM OF LANGE RD.

21554.00	7.67	621.47	0.00	621.47	621.54	0.07	0.71	0.01	619.50
1180.	127.	475.	578.	196.	147.	664.	490.	160.	619.70
3.30	0.65	3.24	0.87	0.070	0.035	0.070	0.000	613.80	330.00
0.000679	1120.	1120.	1120.	2	0	0	0.00	600.00	930.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 21653.000
3280 CROSS SECTION 21653.00 EXTENDED 0.57 FEET

3470 ENCROACHMENT STATIONS= 225.0 775.0 TYPE= 1 TARGET= 550.000

21653.00	10.17	621.57	0.00	621.56	621.58	0.01	0.02	0.02	616.00
1180.	368.	281.	531.	696.	222.	1056.	493.	161.	616.00
3.34	0.53	1.26	0.50	0.060	0.035	0.060	0.000	611.40	225.00
0.000070	99.	99.	99.	2	0	0	0.00	550.00	775.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.68	2.63	0.00	12.00	0.00	82.00	0.00	611.40	611.40

*SECNO 21670.000
3280 CROSS SECTION 21670.00 EXTENDED 0.63 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
626.97	621.58	0.00	1057.	124.	82.	100.	619.70	620.80

3470 ENCROACHMENT STATIONS= 230.0 780.0 TYPE= 1 TARGET= 550.000

21670.00	10.22	621.62	0.00	621.61	621.63	0.01	0.05	0.00	616.00
1180.	364.	279.	537.	692.	224.	1080.	494.	161.	616.00
3.35	0.53	1.25	0.50	0.060	0.035	0.060	0.000	611.40	230.00
0.000068	17.	17.	17.	0	0	7	0.00	550.00	780.00

CCHV= 0.300 CEHV= 0.700
*SECNO 21719.000
3280 CROSS SECTION 21719.00 EXTENDED 1.12 FEET

3470 ENCROACHMENT STATIONS= 285.0 800.0 TYPE= 1 TARGET= 515.000
UPSTREAM OF LANGE RD.

21719.00	8.32	621.62	0.00	621.61	621.65	0.03	0.01	0.01	619.00
1180.	213.	361.	606.	358.	164.	741.	496.	162.	619.20
3.36	0.60	2.21	0.82	0.060	0.035	0.060	0.000	613.30	285.00
0.000273	49.	49.	49.	0	0	0	0.00	515.00	800.00

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

CCHV=   0.100 CEHV=   0.300
*SECNO 22670.000

3470 ENCROACHMENT STATIONS=      450.0      750.0  TYPE=      1  TARGET=      300.000
 22670.00      6.85    622.05      0.00    621.92    622.33      0.27      0.61      0.07    620.90
    1180.       43.      680.      457.       45.       125.      325.      516.       171.     621.10
    3.44      0.95      5.42      1.41     0.070     0.035     0.070     0.000    615.20    450.00
0.002344     1000.     1000.     1000.         3         0         0      0.00    300.00    750.00

*SECNO 24069.000
3280 CROSS SECTION  24069.00 EXTENDED      1.24 FEET

3470 ENCROACHMENT STATIONS=      415.0      815.0  TYPE=      1  TARGET=      400.000
          DOWNSTREAM OF INKSTER RD.
 24069.00      7.24    624.34      0.00    624.34    624.48      0.14      2.14      0.01    622.50
    1180.       65.      634.      481.       85.       158.      472.      535.       182.     623.10
    3.58      0.77      4.02      1.02     0.070     0.035     0.070     0.000    617.10    415.00
0.001145     1350.     1350.     1350.         3         0         0      0.00    400.00    815.00
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THIS RUN EXECUTED 29 OCT 84 9:17:58

****
HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-YEAR FREQU

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	598.60	0.00	598.91	120.40	54.60	1094.73	30.67	0.00	0.00	600.00	640.00	0.00
0.000	598.60	0.00	598.92	90.00	59.40	1104.42	16.17	90.00	555.00	600.00	640.00	645.00
49.000	598.63	0.00	598.98	220.00	0.00	1147.98	32.02	220.00	385.00	400.00	441.00	605.00
49.000	598.64	0.00	598.98	190.00	0.00	1149.46	30.54	190.00	400.00	400.00	441.00	590.00
145.000	601.28	0.00	601.39	165.00	9.19	1027.44	143.36	165.00	335.00	400.00	441.00	500.00
145.000	601.27	-0.01	601.40	145.00	8.02	1050.94	121.05	145.00	345.00	400.00	441.00	490.00
194.000	601.31	0.00	601.41	243.98	186.71	939.08	54.21	0.00	0.00	600.00	640.00	0.00
194.000	601.31	-0.01	601.41	140.25	177.17	964.75	38.08	0.03	513.08	600.00	640.00	653.33
994.000	601.47	0.00	601.49	455.00	315.28	354.21	510.51	455.00	322.00	500.00	522.00	777.00
994.000	601.48	0.00	601.49	437.00	313.15	356.86	509.99	437.00	331.00	500.00	522.00	768.00
1043.000	601.47	0.00	601.49	430.00	529.03	529.60	121.37	430.00	168.00	500.00	538.00	598.00
1043.000	601.48	0.00	601.50	412.00	532.05	538.76	109.20	412.00	177.00	500.00	538.00	589.00
1062.000	601.50	0.00	601.52	420.00	531.62	532.47	115.91	420.00	174.00	500.00	538.00	594.00
1062.000	601.50	0.00	601.52	403.00	537.48	544.12	98.39	403.00	182.00	500.00	538.00	585.00
1111.000	601.51	0.00	601.52	395.00	327.44	304.87	547.69	395.00	353.00	500.00	522.00	748.00
1111.000	601.51	0.00	601.52	378.00	321.98	310.44	547.58	378.00	362.00	500.00	522.00	740.00
1112.000	601.51	0.00	601.52	395.00	338.43	327.35	514.22	395.00	353.00	500.00	527.00	748.00
1112.000	601.51	0.00	601.52	378.00	332.59	333.98	513.42	378.00	362.00	500.00	527.00	740.00
1160.000	601.51	0.00	601.53	370.00	312.93	594.12	272.96	370.00	200.00	400.00	440.00	570.00
1160.000	601.51	0.00	601.53	350.00	300.37	598.04	281.59	350.00	229.00	400.00	440.00	579.00
1173.000	601.53	0.00	601.56	370.00	314.00	592.54	273.46	370.00	200.00	400.00	440.00	570.00
1173.000	601.54	0.00	601.56	345.00	300.69	598.34	280.97	345.00	231.00	400.00	440.00	576.00

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	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
	1222.000	601.55	0.00	601.56	470.00	353.20	307.79	519.01	470.00	315.00	500.00	527.00	785.00
	1222.000	601.56	0.00	601.57	450.00	350.85	310.83	518.32	450.00	325.00	500.00	527.00	775.00
	1282.000	601.56	0.00	601.57	440.00	639.78	258.22	282.00	440.00	205.00	500.00	516.00	645.00
	1282.000	601.56	0.00	601.57	420.00	641.19	262.67	276.14	420.00	215.00	500.00	516.00	635.00
	1331.000	601.55	0.00	601.58	414.00	379.75	512.69	287.56	414.00	227.00	400.00	427.00	641.00
	1331.000	601.56	0.00	601.58	396.00	370.73	523.19	286.08	396.00	236.00	400.00	427.00	632.00
	1373.000	601.57	0.00	601.59	393.00	368.39	525.12	286.49	393.00	238.00	400.00	427.00	631.00
	1373.000	601.57	0.00	601.60	375.00	353.25	538.39	288.36	375.00	250.00	400.00	427.00	625.00
	1422.000	601.58	0.00	601.60	368.00	605.01	336.18	238.81	368.00	241.00	500.00	516.00	609.00
	1422.000	601.58	0.00	601.60	350.00	607.83	344.05	228.11	350.00	250.00	500.00	516.00	600.00
	2022.000	601.53	0.00	601.76	87.00	31.76	1129.04	19.20	87.00	470.00	500.00	541.00	557.00
	2022.000	601.54	0.01	601.76	87.00	31.89	1128.84	19.27	87.00	470.00	500.00	541.00	557.00
	2071.000	601.69	0.00	601.80	62.63	0.00	1180.00	0.00	0.00	0.00	500.00	573.00	0.00
	2071.000	601.70	0.01	601.81	62.65	0.00	1180.00	0.00	73.00	500.00	500.00	573.00	573.00
	2133.000	602.53	0.00	602.62	65.54	0.00	1180.00	0.00	0.00	0.00	500.00	573.00	0.00
	2133.000	602.53	0.01	602.62	65.56	0.00	1180.00	0.00	73.00	500.00	500.00	573.00	573.00
	2282.000	602.51	0.00	602.66	206.00	79.41	1068.39	32.20	206.00	354.00	500.00	541.00	560.00
	2282.000	602.52	0.00	602.67	190.00	80.24	1083.14	16.62	190.00	360.00	500.00	541.00	550.00
	2562.000	602.49	0.00	602.83	53.51	0.00	1173.35	6.65	66.00	288.00	300.00	342.00	354.00
	2562.000	602.50	0.01	602.83	52.53	0.00	1173.77	6.23	63.00	290.00	300.00	342.00	353.00
	2611.000	602.67	0.00	602.87	41.94	0.00	1180.00	0.00	42.00	300.00	300.00	342.00	342.00
	2611.000	602.67	0.00	602.87	39.96	0.00	1180.00	0.00	40.00	300.00	300.00	342.00	340.00
*	2613.000	602.45	0.00	603.09	41.54	0.00	1180.00	0.00	0.00	0.00	300.00	342.00	0.00
*	2613.000	602.46	0.01	603.08	39.65	0.00	1180.00	0.00	40.00	300.00	300.00	342.00	340.00
*	2649.000	602.66	0.00	603.27	41.92	0.00	1180.00	0.00	42.00	300.00	300.00	342.00	342.00
	2649.000	602.73	0.07	603.31	40.00	0.00	1180.00	0.00	40.00	300.00	300.00	342.00	340.00
	2651.000	603.14	0.00	603.31	42.00	0.00	1180.00	0.00	42.00	300.00	300.00	342.00	342.00
	2651.000	603.18	0.04	603.35	42.00	0.00	1180.00	0.00	42.00	300.00	300.00	342.00	342.00
	2700.000	603.10	0.00	603.36	70.00	3.91	1162.26	13.84	70.00	286.00	300.00	342.00	356.00
	2700.000	603.14	0.04	603.40	70.00	4.23	1161.51	14.26	70.00	286.00	300.00	342.00	356.00
	3800.000	603.56	0.00	603.68	70.00	78.29	1078.43	23.28	70.00	480.00	500.00	542.00	550.00
	3800.000	603.59	0.03	603.71	70.00	78.51	1078.15	23.34	70.00	480.00	500.00	542.00	550.00
	3849.000	603.55	0.00	603.70	46.00	0.00	1180.00	0.00	0.00	0.00	500.00	546.00	0.00
	3849.000	603.58	0.03	603.73	46.00	0.00	1180.00	0.00	46.00	500.00	500.00	546.00	546.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3851.000	603.34	0.00	603.91	46.00	0.00	1180.00	0.00	0.00	0.00	500.00	546.00	0.00
3851.000	603.53	0.18	603.79	46.00	0.00	1180.00	0.00	46.00	500.00	500.00	546.00	546.00
3893.000	603.39	0.00	603.95	46.00	0.00	1180.00	0.00	0.00	0.00	500.00	546.00	0.00
3893.000	603.55	0.16	603.81	46.00	0.00	1180.00	0.00	46.00	500.00	500.00	546.00	546.00
3895.000	603.86	0.00	604.00	46.00	0.00	1180.00	0.00	0.00	0.00	500.00	546.00	0.00
3895.000	603.68	-0.18	603.82	46.00	0.00	1180.00	0.00	0.00	500.00	500.00	546.00	546.00
3929.000	603.87	0.00	604.00	65.00	26.21	1133.07	20.72	65.00	488.00	500.00	542.00	553.00
3929.000	603.68	-0.18	603.82	65.00	25.89	1133.73	20.38	65.00	488.00	500.00	542.00	553.00
3978.000	603.83	0.00	604.05	39.00	0.00	1180.00	0.00	0.00	0.00	400.00	439.00	0.00
3978.000	603.65	-0.18	603.87	39.00	0.00	1180.00	0.00	39.00	400.00	400.00	439.00	439.00
4200.000	605.47	0.00	605.62	39.00	0.00	1180.00	0.00	0.00	0.00	400.00	439.00	0.00
4200.000	605.28	-0.19	605.44	39.00	0.00	1180.00	0.00	39.00	400.00	400.00	439.00	439.00
4249.000	605.60	0.00	605.64	137.00	183.14	836.92	159.94	137.00	450.00	500.00	542.00	587.00
4249.000	605.41	-0.19	605.46	130.00	185.70	859.71	134.59	130.00	450.00	500.00	542.00	580.00
4749.000	605.65	0.00	605.66	505.00	542.71	524.76	112.53	505.00	170.00	500.00	540.00	675.00
4749.000	605.47	-0.18	605.49	400.00	499.66	584.22	96.12	400.00	225.00	500.00	540.00	625.00
4798.000	605.66	0.00	605.67	480.00	290.75	649.31	239.94	480.00	185.00	400.00	444.00	665.00
4798.000	605.47	-0.18	605.49	375.00	241.11	760.32	178.56	375.00	245.00	400.00	444.00	620.00
4855.000	605.68	0.00	605.70	450.00	287.74	665.72	226.54	450.00	200.00	400.00	444.00	650.00
4855.000	605.49	-0.19	605.51	350.00	236.33	780.16	163.51	350.00	255.00	400.00	444.00	605.00
4904.000	605.68	0.00	605.70	425.00	514.56	560.17	105.26	425.00	215.00	500.00	540.00	640.00
4904.000	605.49	-0.19	605.52	325.00	456.12	631.91	91.97	325.00	275.00	500.00	540.00	600.00
5604.000	605.63	0.00	605.82	75.00	123.77	931.50	124.73	75.00	477.00	500.00	528.00	552.00
5604.000	605.46	-0.18	605.66	73.00	117.34	944.11	118.55	73.00	478.00	500.00	528.00	551.00
5668.000	605.63	0.00	605.85	42.00	0.00	1180.00	0.00	0.00	0.00	400.00	442.00	0.00
5668.000	605.46	-0.17	605.69	42.00	0.00	1180.00	0.00	42.00	400.00	400.00	442.00	442.00
5684.000	605.64	0.00	605.87	42.00	0.00	1180.00	0.00	0.00	0.00	400.00	442.00	0.00
5684.000	605.47	-0.17	605.71	42.00	0.00	1180.00	0.00	42.00	400.00	400.00	442.00	442.00
5733.000	605.75	0.00	605.88	142.00	191.52	833.52	154.96	142.00	440.00	500.00	528.00	582.00
5733.000	605.58	-0.17	605.72	142.00	188.66	839.04	152.30	142.00	440.00	500.00	528.00	582.00
5833.000	605.82	0.00	605.90	342.00	213.29	797.08	169.63	342.00	340.00	500.00	539.00	682.00
5833.000	605.61	-0.20	605.74	250.00	146.92	903.37	129.72	250.00	390.00	500.00	539.00	640.00
5882.000	605.89	0.00	605.92	422.00	204.27	772.66	203.07	422.00	100.00	300.00	366.00	522.00
5882.000	605.76	-0.13	605.77	350.00	0.00	616.33	563.67	350.00	300.00	300.00	366.00	650.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
5984.000	605.96	0.00	605.97	615.00	174.82	525.98	479.21	615.00	35.00	300.00	366.00	650.00
5984.000	605.82	-0.14	605.83	550.00	170.68	596.07	413.25	550.00	70.00	300.00	366.00	620.00
6033.000	605.95	0.00	605.97	590.00	450.55	467.90	261.55	590.00	150.00	500.00	539.00	740.00
6033.000	605.82	-0.14	605.84	525.00	435.70	507.58	236.72	525.00	185.00	500.00	539.00	710.00
6533.000	605.98	0.00	606.00	340.00	321.44	437.46	421.10	340.00	355.00	500.00	529.00	695.00
6533.000	605.86	-0.13	605.88	300.00	306.26	474.27	399.48	300.00	375.00	500.00	529.00	675.00
6582.000	605.95	0.00	606.05	315.00	267.06	716.83	196.11	315.00	140.00	300.00	333.00	455.00
6582.000	605.81	-0.15	605.94	275.00	231.55	800.40	148.05	275.00	160.00	300.00	333.00	435.00
6690.000	605.91	0.00	606.05	260.00	221.89	811.58	146.53	260.00	170.00	300.00	333.00	430.00
6690.000	605.75	-0.16	605.94	225.00	169.09	899.71	111.20	225.00	190.00	300.00	333.00	415.00
6739.000	606.03	0.00	606.07	236.00	272.59	536.60	370.80	236.00	407.00	500.00	529.00	643.00
6739.000	605.92	-0.11	605.97	200.00	239.84	596.52	343.63	200.00	425.00	500.00	529.00	625.00
7439.000	605.81	0.00	606.26	80.00	3.29	1113.96	62.75	80.00	480.00	500.00	534.00	560.00
7439.000	605.71	-0.10	606.18	75.00	2.11	1118.46	59.43	75.00	485.00	500.00	534.00	560.00
7488.000	606.22	0.00	606.37	52.60	0.00	1180.00	0.00	0.00	0.00	200.00	256.00	0.00
7488.000	606.14	-0.08	606.30	50.53	0.00	1180.00	0.00	50.53	203.13	200.00	256.00	253.66
7580.000	608.65	0.00	608.72	236.00	26.10	1136.07	17.83	236.00	150.00	200.00	256.00	386.00
7580.000	608.61	-0.04	608.68	225.00	18.88	1144.87	16.25	225.00	160.00	200.00	256.00	385.00
7629.000	608.67	0.00	608.73	243.00	139.65	744.78	295.59	243.00	402.00	500.00	534.00	645.00
7629.000	608.62	-0.05	608.69	200.00	119.56	785.63	274.82	200.00	423.00	500.00	534.00	623.00
8001.000	608.67	0.00	608.83	230.35	38.08	1141.45	0.47	0.00	0.00	500.00	543.00	0.00
8001.000	608.63	-0.04	608.79	101.89	24.98	1154.71	0.31	102.00	470.00	500.00	543.00	572.00
8050.000	608.76	0.00	608.85	167.49	6.58	1173.42	0.00	255.00	290.00	400.00	458.00	545.00
8050.000	608.73	-0.04	608.82	77.44	0.57	1179.43	0.00	100.00	380.00	400.00	458.00	480.00
8163.000	609.08	0.00	609.16	199.91	17.04	1162.63	0.33	280.00	280.00	400.00	458.00	560.00
8163.000	609.06	-0.02	609.15	118.99	0.00	1174.79	5.21	200.00	400.00	400.00	458.00	600.00
8212.000	609.05	0.00	609.18	255.00	54.70	1121.43	3.86	255.00	334.00	500.00	543.00	589.00
8212.000	609.04	-0.01	609.17	218.00	53.11	1124.10	2.79	218.00	352.00	500.00	543.00	570.00
8537.000	609.07	0.00	609.33	158.63	45.98	1134.02	0.01	0.00	0.00	400.00	442.00	0.00
8537.000	609.05	-0.02	609.31	104.39	41.42	1138.58	0.00	160.00	340.00	400.00	442.00	500.00
8586.000	609.28	0.00	609.39	260.00	11.98	1166.17	1.85	260.00	188.00	300.00	357.00	448.00
8586.000	609.27	-0.01	609.38	150.00	9.71	1169.87	0.42	150.00	230.00	300.00	357.00	380.00
8683.000	609.72	0.00	609.81	300.00	28.33	1138.35	13.32	300.00	186.00	300.00	357.00	486.00
8683.000	609.71	-0.01	609.81	125.00	7.61	1166.87	5.51	125.00	275.00	300.00	357.00	400.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
8732.000	609.66	0.00	609.85	290.35	94.38	1083.56	2.06	0.00	0.00	400.00	442.00	0.00
8732.000	609.65	-0.02	609.85	97.86	66.12	1113.88	0.00	0.03	344.14	400.00	442.00	442.00
9057.000	609.87	0.00	609.91	405.61	95.59	892.10	192.31	0.00	0.00	400.00	450.00	0.00
9057.000	609.87	0.00	609.91	275.00	86.51	921.80	171.68	275.00	290.00	400.00	450.00	565.00
9106.000	609.89	0.00	609.92	490.00	65.50	695.19	419.31	490.00	110.00	300.00	350.00	600.00
9106.000	609.90	0.00	609.92	375.00	50.06	714.91	415.03	375.00	215.00	300.00	350.00	590.00
9201.000	609.93	0.00	609.95	440.00	70.24	716.49	393.27	440.00	135.00	300.00	350.00	575.00
9201.000	609.93	0.00	609.96	325.00	39.03	749.05	391.91	325.00	240.00	300.00	350.00	565.00
9250.000	609.92	0.00	609.96	410.00	97.60	887.31	195.09	415.00	190.00	400.00	450.00	605.00
9250.000	609.92	0.00	609.96	300.00	100.44	922.20	157.36	300.00	245.00	400.00	450.00	545.00
9607.000	609.97	0.00	609.98	735.00	289.30	483.09	407.61	735.00	35.00	500.00	538.00	770.00
9607.000	609.97	0.00	609.99	610.00	311.80	530.32	337.88	610.00	100.00	500.00	538.00	710.00
9676.000	609.98	0.00	609.99	700.00	291.70	527.24	361.06	0.00	0.00	400.00	449.00	0.00
9676.000	609.98	0.00	610.00	575.00	319.73	589.05	271.22	575.00	25.00	400.00	449.00	600.00
9676.000	610.01	0.00	610.02	700.00	294.49	523.86	361.65	0.00	0.00	400.00	449.00	0.00
9676.000	610.01	0.00	610.03	575.00	322.87	585.61	271.52	575.00	25.00	400.00	449.00	600.00
9823.000	610.01	0.00	610.03	800.00	282.17	460.24	437.59	0.00	0.00	500.00	538.00	0.00
9823.000	610.01	0.00	610.03	550.00	269.40	510.69	399.91	550.00	200.00	500.00	538.00	750.00
10293.000	610.04	0.00	610.06	651.54	204.66	522.59	452.76	0.00	0.00	500.00	543.00	0.00
10293.000	610.04	0.01	610.07	470.00	194.43	582.44	403.13	470.00	280.00	500.00	543.00	750.00
10342.000	610.05	0.00	610.06	639.90	5.06	533.50	641.45	0.00	0.00	400.00	445.00	0.00
10342.000	610.05	0.01	610.07	447.40	4.77	592.24	582.99	447.40	352.60	400.00	445.00	800.00
10400.000	610.09	0.00	610.10	648.78	5.85	529.77	644.38	0.00	0.00	400.00	445.00	0.00
10400.000	610.09	0.01	610.11	448.44	5.27	588.64	586.09	448.44	351.56	400.00	445.00	800.00
10449.000	610.08	0.00	610.10	625.00	214.24	529.82	435.94	625.00	160.00	500.00	543.00	785.00
10449.000	610.09	0.00	610.12	475.00	231.66	608.53	339.81	475.00	235.00	500.00	543.00	710.00
10754.000	610.10	0.00	610.13	470.00	36.94	723.82	419.24	470.00	310.00	500.00	549.00	780.00
10754.000	610.11	0.01	610.15	450.00	35.67	736.20	408.13	450.00	320.00	500.00	549.00	770.00
10803.000	610.09	0.00	610.15	444.77	2.97	804.98	372.04	699.00	1.00	300.00	344.00	700.00
10803.000	610.10	0.01	610.16	428.00	3.24	803.05	373.72	428.00	272.00	300.00	344.00	700.00
10871.000	610.11	0.00	610.16	445.25	3.05	803.73	373.22	699.00	1.00	300.00	344.00	700.00
10871.000	610.12	0.01	610.18	410.00	2.87	808.25	368.88	410.00	280.00	300.00	344.00	690.00
10920.000	610.14	0.00	610.17	545.00	43.90	669.97	466.13	545.00	274.00	500.00	549.00	819.00
10920.000	610.15	0.00	610.19	400.00	31.41	759.33	389.26	400.00	350.00	500.00	549.00	750.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
11098.000	610.15	0.00	610.19	675.00	293.23	692.07	194.69	675.00	100.00	500.00	549.00	775.00
11098.000	610.16	0.00	610.21	375.00	299.14	796.94	83.92	375.00	250.00	500.00	549.00	625.00
11147.000	610.13	0.00	610.23	665.67	9.59	953.68	216.73	0.00	0.00	300.00	343.00	0.00
11147.000	610.13	0.01	610.25	350.00	6.50	979.53	193.97	350.00	250.00	300.00	343.00	600.00
11205.000	610.13	0.00	610.23	665.69	9.60	953.65	216.75	0.00	0.00	300.00	343.00	0.00
11205.000	610.14	0.01	610.25	350.00	6.55	979.13	194.32	350.00	250.00	300.00	343.00	600.00
11254.000	610.21	0.00	610.24	690.00	296.90	682.77	200.33	690.00	90.00	500.00	549.00	780.00
11254.000	610.22	0.01	610.26	450.00	308.42	756.72	114.86	450.00	210.00	500.00	549.00	660.00
11404.000	610.21	0.00	610.28	614.92	82.66	579.29	518.05	650.00	250.00	500.00	533.00	900.00
11404.000	610.21	-0.01	610.31	375.00	91.84	692.25	395.91	375.00	370.00	500.00	533.00	745.00
11453.000	610.23	0.00	610.29	615.36	143.87	613.94	422.19	625.00	175.00	400.00	430.00	800.00
11453.000	610.26	0.04	610.34	350.00	115.82	653.12	411.06	350.00	325.00	400.00	430.00	675.00
11643.000	610.24	0.00	610.29	615.96	144.68	611.88	423.43	0.00	0.00	400.00	430.00	0.00
11643.000	610.28	0.05	610.35	425.00	134.15	627.73	418.11	425.00	290.00	400.00	430.00	715.00
11692.000	610.25	0.00	610.31	616.45	84.79	574.14	521.07	0.00	0.00	500.00	533.00	0.00
11692.000	610.28	0.03	610.36	498.41	99.44	644.84	435.72	525.00	255.00	500.00	533.00	780.00
12692.000	610.57	0.00	610.66	335.00	137.08	525.55	517.37	335.00	370.00	500.00	522.00	705.00
12692.000	610.67	0.11	610.87	160.00	105.34	672.69	401.97	160.00	460.00	500.00	522.00	620.00
12741.000	610.50	0.00	610.78	299.00	209.70	970.30	0.00	310.00	230.00	500.00	529.00	540.00
12741.000	610.63	0.12	610.99	135.00	107.47	1072.53	0.00	135.00	394.00	500.00	529.00	529.00
12831.000	610.47	0.00	610.78	259.00	181.45	998.55	0.00	260.00	270.00	500.00	529.00	530.00
12831.000	610.57	0.10	610.99	90.00	60.20	1119.80	0.00	90.00	439.00	500.00	529.00	529.00
12880.000	610.71	0.00	610.83	215.00	152.78	570.81	456.41	215.00	420.00	500.00	522.00	635.00
12880.000	610.58	-0.13	611.07	65.00	21.64	915.60	242.76	65.00	495.00	500.00	522.00	560.00
12880.000	610.71	0.00	610.83	215.00	152.72	570.92	456.37	215.00	420.00	500.00	522.00	635.00
12880.000	610.58	-0.13	611.07	65.00	21.64	915.60	242.76	65.00	495.00	500.00	522.00	560.00
12929.000	610.64	0.00	611.32	265.23	0.93	1153.85	25.22	660.00	40.00	400.00	439.00	700.00
12929.000	610.61	-0.03	611.35	36.58	0.00	1180.00	0.00	190.00	325.00	400.00	439.00	515.00
12986.000	612.46	0.00	612.62	305.00	220.45	900.62	58.93	305.00	200.00	400.00	439.00	505.00
12986.000	612.32	-0.14	612.61	160.00	53.07	1071.41	55.53	160.00	340.00	400.00	439.00	500.00
13035.000	612.63	0.00	612.65	405.00	315.18	317.32	547.50	405.00	300.00	500.00	522.00	705.00
13035.000	612.61	-0.02	612.64	260.00	260.28	410.24	509.48	260.00	390.00	500.00	522.00	650.00
13335.000	612.66	0.00	612.67	650.00	720.10	369.93	89.96	650.00	80.00	500.00	546.00	730.00
13335.000	612.66	0.01	612.68	600.00	705.51	386.74	87.75	600.00	105.00	500.00	546.00	705.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
13434.000	612.66	0.00	612.68	646.50	636.75	396.20	147.06	0.00	0.00	400.00	430.00	0.00
13434.000	612.67	0.01	612.69	618.51	636.47	396.23	147.30	618.51	1.00	400.00	430.00	619.51
13476.000	612.69	0.00	612.71	648.07	637.97	393.28	148.75	0.00	0.00	400.00	430.00	0.00
13476.000	612.70	0.01	612.72	618.29	637.73	393.40	148.87	618.29	1.00	400.00	430.00	619.29
13575.000	612.71	0.00	612.72	829.20	729.76	360.81	89.43	0.00	0.00	500.00	546.00	0.00
13575.000	612.71	0.01	612.73	655.99	735.14	377.76	67.09	0.05	18.74	500.00	546.00	674.74
14475.000	612.80	0.00	612.85	770.05	662.00	417.75	100.25	0.00	0.00	500.00	520.00	0.00
14475.000	612.79	-0.01	612.93	355.00	493.71	591.88	94.41	355.00	330.00	500.00	520.00	685.00
14524.000	612.81	0.00	612.88	800.00	429.61	565.98	184.41	0.00	0.00	400.00	429.00	0.00
14524.000	612.81	0.01	612.96	330.00	467.93	711.89	0.18	330.00	100.00	400.00	429.00	430.00
14652.000	612.80	0.00	612.88	800.00	428.95	567.49	183.56	0.00	0.00	400.00	429.00	0.00
14652.000	612.85	0.04	612.96	500.00	495.47	650.20	34.33	500.00	25.00	400.00	429.00	525.00
14701.000	612.85	0.00	612.90	771.27	653.40	404.98	121.62	0.00	0.00	500.00	520.00	0.00
14701.000	612.93	0.07	612.98	600.00	634.31	434.36	111.33	600.00	215.00	500.00	520.00	815.00
15601.000	613.13	0.00	613.34	462.25	104.89	707.72	367.39	0.00	0.00	500.00	524.00	0.00
15601.000	613.22	0.10	613.46	275.00	68.57	733.01	378.42	275.00	435.00	500.00	524.00	710.00
15750.000	613.27	0.00	613.46	371.87	121.02	873.04	185.94	0.00	0.00	400.00	440.00	0.00
15750.000	613.39	0.12	613.58	200.00	127.55	880.39	172.06	200.00	320.00	400.00	440.00	520.00
15800.000	614.69	0.00	614.74	700.00	264.65	620.98	294.38	0.00	0.00	400.00	440.00	0.00
15800.000	614.68	-0.01	614.75	300.00	212.16	697.17	270.68	300.00	270.00	400.00	440.00	570.00
15849.000	614.71	0.00	614.75	800.00	245.96	446.25	487.79	800.00	50.00	500.00	524.00	850.00
15849.000	614.71	0.00	614.76	400.00	250.10	501.38	428.51	400.00	315.00	500.00	524.00	715.00
17575.000	615.17	0.00	615.19	740.78	273.11	245.91	660.98	0.00	0.00	400.00	422.00	0.00
17575.000	615.29	0.12	615.33	475.00	309.71	290.81	579.48	475.00	175.00	400.00	422.00	650.00
17710.000	615.25	0.00	615.46	694.45	113.12	545.05	521.83	0.00	0.00	450.00	472.00	0.00
17710.000	615.39	0.14	615.62	450.00	159.85	566.42	453.73	450.00	205.00	450.00	472.00	655.00
17850.000	615.65	0.00	616.07	552.01	120.59	766.45	292.96	0.00	0.00	500.00	525.00	0.00
17850.000	615.78	0.13	616.21	372.98	159.84	782.01	238.15	400.00	245.00	500.00	525.00	645.00
18100.000	616.50	0.00	616.64	574.55	215.13	568.76	396.10	585.00	220.00	500.00	525.00	805.00
18100.000	616.61	0.11	616.76	400.00	220.60	581.45	377.95	400.00	325.00	500.00	525.00	725.00
18575.000	617.38	0.00	617.80	348.64	12.80	830.09	337.11	0.00	0.00	500.00	524.00	0.00
18575.000	617.45	0.08	617.86	250.00	10.73	819.56	349.72	250.00	480.00	500.00	524.00	730.00
18624.000	617.92	0.00	617.95	460.02	229.05	308.79	642.16	0.00	0.00	418.00	433.00	0.00
18624.000	617.95	0.03	617.99	225.00	214.42	336.86	628.72	225.00	360.00	418.00	433.00	585.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
18704.000	618.30	0.00	618.32	549.57	247.41	285.65	646.94	0.00	0.00	418.00	433.00	0.00
18704.000	618.29	-0.01	618.33	200.00	290.61	355.19	534.20	200.00	325.00	418.00	433.00	525.00
18753.000	618.20	0.00	618.38	530.00	71.18	676.71	432.11	530.00	285.00	500.00	524.00	815.00
18753.000	618.17	-0.04	618.41	300.00	61.10	755.68	363.22	300.00	400.00	500.00	524.00	700.00
19003.000	618.29	0.00	618.64	368.91	189.17	927.19	63.64	570.00	250.00	500.00	527.00	820.00
19003.000	618.33	0.04	618.67	341.95	193.56	919.77	66.67	360.00	280.00	500.00	527.00	640.00
19077.000	618.74	0.00	618.75	465.00	481.48	335.69	362.82	465.00	150.00	400.00	432.00	615.00
19077.000	618.76	0.02	618.78	330.00	456.25	366.99	356.76	330.00	220.00	400.00	432.00	550.00
19235.000	618.83	0.00	618.84	590.57	483.90	330.25	365.85	0.00	0.00	400.00	432.00	0.00
19235.000	618.83	0.00	618.86	250.00	561.87	447.64	170.49	250.00	220.00	400.00	432.00	470.00
19384.000	618.69	0.00	619.04	526.97	165.33	873.66	141.01	0.00	0.00	500.00	529.00	0.00
19384.000	618.57	-0.12	619.23	250.00	108.05	1071.10	0.85	250.00	280.00	500.00	529.00	530.00
19433.000	618.71	0.00	619.29	461.43	147.24	910.32	122.44	465.00	190.00	400.00	425.00	655.00
19433.000	618.75	0.04	619.42	221.43	119.55	955.30	105.15	225.00	310.00	400.00	425.00	535.00
19677.000	619.72	0.00	619.76	768.63	309.17	380.07	490.76	0.00	0.00	400.00	425.00	0.00
19677.000	619.71	-0.01	619.77	596.47	340.42	443.07	396.51	600.00	120.00	400.00	425.00	720.00
19776.000	619.69	0.00	619.84	675.67	287.61	732.46	159.94	0.00	0.00	500.00	529.00	0.00
19776.000	619.70	0.01	619.85	550.00	286.38	735.15	158.47	550.00	150.00	500.00	529.00	700.00
19876.000	619.64	0.00	619.95	574.47	227.49	906.80	45.71	650.00	150.00	500.00	526.00	800.00
19876.000	619.65	0.01	619.96	500.00	222.33	911.53	46.13	500.00	220.00	500.00	526.00	720.00
19925.000	620.01	0.00	620.04	506.79	543.17	490.52	146.32	0.00	0.00	400.00	429.00	0.00
19925.000	620.02	0.01	620.05	475.00	543.27	488.72	148.01	475.00	45.00	400.00	429.00	520.00
20033.000	620.33	0.00	620.36	535.25	560.84	466.87	152.29	0.00	0.00	400.00	429.00	0.00
20033.000	620.34	0.00	620.37	425.00	573.24	477.70	129.06	425.00	60.00	400.00	429.00	485.00
20082.000	620.23	0.00	620.42	493.72	289.43	807.21	83.36	705.00	80.00	500.00	526.00	785.00
20082.000	620.22	0.00	620.43	400.00	284.22	816.21	79.57	400.00	295.00	500.00	526.00	695.00
20232.000	620.26	0.00	620.57	449.94	203.73	900.99	75.28	610.00	100.00	500.00	533.00	710.00
20232.000	620.26	0.01	620.57	400.00	204.46	900.02	75.52	400.00	280.00	500.00	533.00	680.00
20281.000	620.64	0.00	620.67	541.90	656.63	280.12	243.25	0.00	0.00	409.50	420.50	0.00
20281.000	620.62	-0.01	620.67	375.00	690.19	312.80	177.01	375.00	85.00	409.50	420.50	460.00
20385.000	620.74	0.00	620.78	544.47	665.76	270.83	243.41	0.00	0.00	409.50	420.50	0.00
20385.000	620.73	-0.01	620.77	500.00	660.45	272.48	247.07	500.00	25.00	409.50	420.50	525.00
20434.000	620.67	0.00	620.83	500.39	283.73	750.19	146.08	0.00	0.00	500.00	533.00	0.00
20434.000	620.66	-0.01	620.82	475.00	282.67	752.59	144.74	475.00	245.00	500.00	533.00	720.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
21554.000	621.47	0.00	621.53	731.20	131.61	467.12	581.26	0.00	0.00	500.00	526.00	0.00
21554.000	621.47	0.00	621.54	600.00	127.01	475.00	577.99	600.00	330.00	500.00	526.00	930.00
21653.000	621.56	0.00	621.57	1000.00	422.96	254.38	502.66	0.00	0.00	400.00	431.00	0.00
21653.000	621.57	0.01	621.58	550.00	368.21	280.60	531.18	550.00	225.00	400.00	431.00	775.00
21670.000	621.61	0.00	621.62	1000.00	424.46	250.76	504.78	0.00	0.00	400.00	431.00	0.00
21670.000	621.62	0.00	621.63	550.00	364.19	279.30	536.51	550.00	230.00	400.00	431.00	780.00
21719.000	621.61	0.00	621.63	911.68	215.64	316.28	648.08	0.00	0.00	500.00	526.00	0.00
21719.000	621.62	0.00	621.65	515.00	213.45	361.03	605.52	515.00	285.00	500.00	526.00	800.00
22670.000	621.92	0.00	622.24	402.11	41.69	705.31	433.00	0.00	0.00	500.00	526.00	0.00
22670.000	622.05	0.13	622.33	300.00	42.85	679.73	457.42	300.00	450.00	500.00	526.00	750.00
24069.000	624.34	0.00	624.47	597.47	68.75	616.73	494.52	0.00	0.00	500.00	531.00	0.00
24069.000	624.34	0.00	624.48	400.00	65.35	633.98	480.66	400.00	415.00	500.00	531.00	815.00

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100-YEAR FREQU

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	588.60	1180.00	598.60	0.00	598.91	12.90	4.63	329.76	328.48
0.000	0.00	0.00	0.00	588.60	1180.00	598.60	0.00	598.92	13.13	4.67	310.80	325.59
49.000	49.00	0.00	0.00	589.70	1180.00	598.63	0.00	598.98	8.22	4.77	312.77	411.68
49.000	49.00	0.00	0.00	589.70	1180.00	598.64	0.00	598.98	8.23	4.77	308.02	411.41
145.000	96.00	598.40	595.50	589.70	1180.00	601.28	0.00	601.39	1.91	2.94	703.77	854.76
145.000	96.00	598.40	595.50	589.70	1180.00	601.27	0.00	601.40	2.00	3.01	646.46	834.52
194.000	49.00	0.00	0.00	588.60	1180.00	601.31	0.00	601.41	1.61	2.72	802.62	930.41
194.000	49.00	0.00	0.00	588.60	1180.00	601.31	0.00	601.41	1.70	2.80	694.97	905.67
994.000	800.00	0.00	0.00	590.20	1180.00	601.47	0.00	601.49	0.60	1.71	2071.21	1520.12
994.000	800.00	0.00	0.00	590.20	1180.00	601.48	0.00	601.49	0.61	1.72	2036.31	1512.33
1043.000	49.00	0.00	0.00	590.00	1180.00	601.47	0.00	601.49	0.71	1.47	1842.70	1402.53
1043.000	49.00	0.00	0.00	590.00	1180.00	601.48	0.00	601.50	0.73	1.49	1787.09	1379.78
1062.000	19.00	596.80	595.40	590.00	1180.00	601.50	0.00	601.52	0.71	1.47	1825.39	1402.34
1062.000	19.00	596.80	595.40	590.00	1180.00	601.50	0.00	601.52	0.74	1.50	1770.16	1373.15
1111.000	49.00	0.00	0.00	590.20	1180.00	601.51	0.00	601.52	0.74	1.47	1932.67	1371.99
1111.000	49.00	0.00	0.00	590.20	1180.00	601.51	0.00	601.52	0.77	1.49	1879.87	1348.12
1112.000	1.00	0.00	0.00	589.70	1180.00	601.51	0.00	601.52	0.90	1.45	1823.94	1243.37
1112.000	1.00	0.00	0.00	589.70	1180.00	601.51	0.00	601.52	0.94	1.48	1771.23	1219.57
1160.000	48.00	0.00	0.00	590.40	1180.00	601.51	0.00	601.53	0.95	1.68	1538.69	1212.54
1160.000	48.00	0.00	0.00	590.40	1180.00	601.51	0.00	601.53	0.96	1.69	1508.03	1205.43
1173.000	13.00	596.70	596.00	590.40	1180.00	601.53	0.00	601.56	0.93	1.67	1546.37	1220.51
1173.000	13.00	596.70	596.00	590.40	1180.00	601.54	0.00	601.56	0.95	1.68	1504.22	1209.38
1222.000	49.00	0.00	0.00	589.70	1180.00	601.55	0.00	601.56	0.78	1.35	2028.67	1331.88
1222.000	49.00	0.00	0.00	589.70	1180.00	601.56	0.00	601.57	0.80	1.37	1987.48	1319.76
1282.000	60.00	0.00	0.00	590.00	1180.00	601.56	0.00	601.57	0.85	1.50	1943.39	1278.17
1282.000	60.00	0.00	0.00	590.00	1180.00	601.56	0.00	601.57	0.88	1.53	1890.79	1257.22
1331.000	49.00	0.00	0.00	588.50	1180.00	601.55	0.00	601.58	0.72	1.87	1766.75	1392.42
1331.000	49.00	0.00	0.00	588.50	1180.00	601.56	0.00	601.58	0.75	1.91	1709.13	1365.30
1373.000	42.00	596.90	596.50	588.50	1180.00	601.57	0.00	601.59	0.75	1.92	1699.38	1360.85
1373.000	42.00	596.90	596.50	588.50	1180.00	601.57	0.00	601.60	0.79	1.96	1634.41	1327.54
1422.000	49.00	0.00	0.00	590.00	1180.00	601.58	0.00	601.60	0.86	1.95	1739.23	1275.20
1422.000	49.00	0.00	0.00	590.00	1180.00	601.58	0.00	601.60	0.90	2.00	1681.14	1246.26

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	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
	2022.000	600.00	0.00	0.00	591.20	1180.00	601.53	0.00	601.76	4.09	3.87	374.97	583.38
	2022.000	600.00	0.00	0.00	591.20	1180.00	601.54	0.00	601.76	4.08	3.86	375.52	584.35
	2071.000	49.00	0.00	0.00	591.80	1180.00	601.69	0.00	601.80	1.91	2.66	443.04	852.99
	2071.000	49.00	0.00	0.00	591.80	1180.00	601.70	0.00	601.81	1.91	2.66	443.41	853.97
	2133.000	62.00	608.50	599.50	591.80	1180.00	602.53	0.00	602.62	1.40	2.38	496.60	998.99
	2133.000	62.00	608.50	599.50	591.80	1180.00	602.53	0.00	602.62	1.39	2.37	496.99	1000.08
	2282.000	149.00	0.00	0.00	591.20	1180.00	602.51	0.00	602.66	2.38	3.22	559.78	764.40
	2282.000	149.00	0.00	0.00	591.20	1180.00	602.52	0.00	602.67	2.45	3.26	532.73	754.31
	2562.000	280.00	0.00	0.00	591.70	1180.00	602.49	0.00	602.83	7.74	4.64	265.03	424.11
	2562.000	280.00	0.00	0.00	591.70	1180.00	602.50	0.00	602.83	7.72	4.63	264.58	424.80
	2611.000	49.00	0.00	0.00	592.00	1180.00	602.67	0.00	602.87	3.85	3.55	332.27	601.18
	2611.000	49.00	0.00	0.00	592.00	1180.00	602.67	0.00	602.87	4.03	3.61	326.91	587.57
*	2613.000	2.00	602.30	599.50	592.00	1180.00	602.45	0.00	603.09	42.70	6.41	184.05	180.58
*	2613.000	2.00	602.30	599.50	592.00	1180.00	602.46	0.00	603.08	52.24	6.31	186.93	163.26
*	2649.000	36.00	602.60	599.50	592.00	1180.00	602.66	0.00	603.27	52.10	6.27	188.15	163.48
	2649.000	36.00	602.60	599.50	592.00	1180.00	602.73	0.00	603.31	66.71	6.10	193.49	144.47
	2651.000	2.00	0.00	0.00	592.00	1180.00	603.14	0.00	603.31	3.25	3.35	351.93	654.14
	2651.000	2.00	0.00	0.00	592.00	1180.00	603.18	0.00	603.35	3.21	3.34	353.60	658.70
	2700.000	49.00	0.00	0.00	591.70	1180.00	603.10	0.00	603.36	5.44	4.14	312.96	505.90
	2700.000	49.00	0.00	0.00	591.70	1180.00	603.14	0.00	603.40	5.32	4.11	315.84	511.42
	3800.000	1100.00	0.00	0.00	593.00	1180.00	603.56	0.00	603.68	1.71	2.95	512.22	902.59
	3800.000	1100.00	0.00	0.00	593.00	1180.00	603.59	0.00	603.71	1.69	2.94	514.50	908.49
	3849.000	49.00	0.00	0.00	593.90	1180.00	603.55	0.00	603.70	2.63	3.12	377.90	728.22
	3849.000	49.00	0.00	0.00	593.90	1180.00	603.58	0.00	603.73	2.59	3.11	379.42	732.55
	3851.000	2.00	606.10	602.10	593.90	1180.00	603.34	0.00	603.91	11.33	6.04	195.53	350.55
	3851.000	2.00	606.10	602.10	593.90	1180.00	603.53	0.00	603.79	5.61	4.10	288.01	498.09
	3893.000	42.00	606.10	602.10	593.90	1180.00	603.39	0.00	603.95	11.33	6.04	195.53	350.55
	3893.000	42.00	606.10	602.10	593.90	1180.00	603.55	0.00	603.81	5.60	4.09	288.19	498.45
	3895.000	2.00	0.00	0.00	593.90	1180.00	603.86	0.00	604.00	0.73	3.01	392.17	1384.39
	3895.000	2.00	0.00	0.00	593.90	1180.00	603.68	0.00	603.82	0.77	3.07	383.79	1341.03
	3929.000	34.00	0.00	0.00	593.00	1180.00	603.87	0.00	604.00	0.52	3.00	505.15	1638.38
	3929.000	34.00	0.00	0.00	593.00	1180.00	603.68	0.00	603.82	0.56	3.06	493.09	1581.54
	3978.000	49.00	0.00	0.00	593.70	1180.00	603.83	0.00	604.05	4.12	3.74	315.21	581.48
	3978.000	49.00	0.00	0.00	593.70	1180.00	603.65	0.00	603.87	4.40	3.83	308.07	562.39

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
4200.000	222.00	612.30	602.20	593.70	1180.00	605.47	0.00	605.62	2.41	3.11	379.33	759.63
4200.000	222.00	612.30	602.20	593.70	1180.00	605.28	0.00	605.44	2.55	3.17	371.96	738.61
4249.000	49.00	0.00	0.00	593.00	1180.00	605.60	0.00	605.64	0.51	1.86	1122.27	1651.57
4249.000	49.00	0.00	0.00	593.00	1180.00	605.41	0.00	605.46	0.57	1.94	1048.54	1561.41
4749.000	500.00	0.00	0.00	593.70	1180.00	605.65	0.00	605.66	0.40	1.44	2245.34	1872.30
4749.000	500.00	0.00	0.00	593.70	1180.00	605.47	0.00	605.49	0.53	1.64	1842.96	1625.41
4798.000	49.00	0.00	0.00	494.50	1180.00	605.66	0.00	605.67	1.55	1.17	1646.37	947.55
4798.000	49.00	0.00	0.00	494.50	1180.00	605.47	0.00	605.49	2.23	1.38	1308.82	789.77
4855.000	57.00	603.00	600.70	494.50	1180.00	605.68	0.00	605.70	1.61	1.19	1586.58	928.75
4855.000	57.00	603.00	600.70	494.50	1180.00	605.49	0.00	605.51	2.34	1.42	1255.23	772.05
4904.000	49.00	0.00	0.00	593.70	1180.00	605.68	0.00	605.70	0.45	1.53	2005.07	1766.91
4904.000	49.00	0.00	0.00	593.70	1180.00	605.49	0.00	605.52	0.61	1.77	1604.62	1513.13
5604.000	700.00	0.00	0.00	594.90	1180.00	605.63	0.00	605.82	3.41	3.87	482.17	639.07
5604.000	700.00	0.00	0.00	594.90	1180.00	605.46	0.00	605.66	3.75	4.01	459.45	609.25
5668.000	64.00	0.00	0.00	595.30	1180.00	605.63	0.00	605.85	1.75	3.80	310.92	893.14
5668.000	64.00	0.00	0.00	595.30	1180.00	605.46	0.00	605.69	1.87	3.89	303.67	862.51
5684.000	16.00	610.60	607.60	595.30	1180.00	605.64	0.00	605.87	1.74	3.79	311.17	894.21
5684.000	16.00	610.60	607.60	595.30	1180.00	605.47	0.00	605.71	1.87	3.88	304.02	863.96
5733.000	49.00	0.00	0.00	594.90	1180.00	605.75	0.00	605.88	1.03	3.42	815.19	1160.84
5733.000	49.00	0.00	0.00	594.90	1180.00	605.58	0.00	605.72	1.12	3.51	791.54	1116.67
5833.000	100.00	0.00	0.00	595.50	1180.00	605.82	0.00	605.90	0.79	2.75	1244.20	1327.77
5833.000	100.00	0.00	0.00	595.50	1180.00	605.61	0.00	605.74	1.12	3.21	896.26	1117.03
5882.000	49.00	0.00	0.00	596.50	1180.00	605.89	0.00	605.92	0.53	1.52	1591.54	1621.52
5882.000	49.00	0.00	0.00	596.50	1180.00	605.76	0.00	605.77	0.38	1.23	1798.53	1921.39
5984.000	102.00	602.90	600.20	596.50	1180.00	605.96	0.00	605.97	0.24	1.02	2604.97	2421.14
5984.000	102.00	602.90	600.20	596.50	1180.00	605.82	0.00	605.83	0.32	1.18	2215.77	2073.61
6033.000	49.00	0.00	0.00	595.50	1180.00	605.95	0.00	605.97	0.64	1.58	1988.65	1470.79
6033.000	49.00	0.00	0.00	595.50	1180.00	605.82	0.00	605.84	0.80	1.75	1745.99	1315.50
6533.000	500.00	0.00	0.00	595.20	1180.00	605.98	0.00	606.00	0.64	1.72	1648.60	1475.82
6533.000	500.00	0.00	0.00	595.20	1180.00	605.86	0.00	605.88	0.79	1.90	1454.73	1327.72
6582.000	49.00	0.00	0.00	595.20	1180.00	605.95	0.00	606.05	2.99	3.12	858.81	682.75
6582.000	49.00	0.00	0.00	595.20	1180.00	605.81	0.00	605.94	3.99	3.56	705.61	590.37
6690.000	108.00	604.50	601.60	595.20	1180.00	605.91	0.00	606.05	3.91	3.55	693.03	596.91
6690.000	108.00	604.50	601.60	595.20	1180.00	605.75	0.00	605.94	5.19	4.03	562.28	517.74

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
6739.000	49.00	0.00	0.00	595.20	1180.00	606.03	0.00	606.07	0.94	2.10	1232.50	1215.84
6739.000	49.00	0.00	0.00	595.20	1180.00	605.92	0.00	605.97	1.21	2.36	1045.56	1071.03
7439.000	300.00	0.00	0.00	595.70	1180.00	605.81	0.00	606.26	11.96	5.52	258.82	341.23
7439.000	300.00	0.00	0.00	595.70	1180.00	605.71	0.00	606.18	12.75	5.64	250.43	330.46
7488.000	49.00	0.00	0.00	597.30	1180.00	606.22	0.00	606.37	2.87	3.17	371.70	696.18
7488.000	49.00	0.00	0.00	597.30	1180.00	606.14	0.00	606.30	2.92	3.22	366.92	690.14
7580.000	92.00	607.50	602.20	597.30	1180.00	608.65	0.00	608.72	1.06	2.25	665.01	1148.57
7580.000	92.00	607.50	602.20	597.30	1180.00	608.61	0.00	608.68	1.09	2.28	639.13	1131.02
7629.000	49.00	0.00	0.00	595.70	1180.00	608.67	0.00	608.73	1.45	2.50	966.29	980.24
7629.000	49.00	0.00	0.00	595.70	1180.00	608.62	0.00	608.69	1.64	2.64	851.06	921.98
8001.000	372.00	0.00	0.00	596.00	1180.00	608.67	0.00	608.83	2.41	3.19	460.38	759.64
8001.000	372.00	0.00	0.00	596.00	1180.00	608.63	0.00	608.79	2.51	3.24	405.18	744.67
8050.000	49.00	0.00	0.00	596.20	1180.00	608.76	0.00	608.85	1.50	2.44	526.94	963.10
8050.000	49.00	0.00	0.00	596.20	1180.00	608.73	0.00	608.82	1.54	2.46	484.85	952.09
8163.000	113.00	608.50	602.80	596.20	1180.00	609.08	0.00	609.16	1.32	2.33	590.84	1028.58
8163.000	113.00	608.50	602.80	596.20	1180.00	609.06	0.00	609.15	1.37	2.35	531.28	1009.79
8212.000	49.00	0.00	0.00	596.00	1180.00	609.05	0.00	609.18	2.01	3.00	555.51	832.51
8212.000	49.00	0.00	0.00	596.00	1180.00	609.04	0.00	609.17	2.03	3.01	539.26	828.26
8537.000	325.00	0.00	0.00	597.60	1180.00	609.07	0.00	609.33	6.01	4.15	360.48	481.52
8537.000	325.00	0.00	0.00	597.60	1180.00	609.05	0.00	609.31	6.10	4.18	342.94	477.74
8586.000	49.00	0.00	0.00	598.20	1180.00	609.28	0.00	609.39	1.83	2.64	520.52	871.10
8586.000	49.00	0.00	0.00	598.20	1180.00	609.27	0.00	609.38	1.86	2.65	490.66	866.33
8683.000	97.00	608.60	604.60	598.20	1180.00	609.72	0.00	609.81	1.45	2.44	652.73	979.22
8683.000	97.00	608.60	604.60	598.20	1180.00	609.71	0.00	609.81	1.53	2.50	522.40	953.19
8732.000	49.00	0.00	0.00	597.60	1180.00	609.66	0.00	609.85	4.09	3.63	497.40	583.23
8732.000	49.00	0.00	0.00	597.60	1180.00	609.65	0.00	609.85	4.44	3.74	397.98	560.30
9057.000	325.00	0.00	0.00	597.80	1180.00	609.87	0.00	609.91	0.62	1.87	1326.70	1500.10
9057.000	325.00	0.00	0.00	597.80	1180.00	609.87	0.00	609.91	0.66	1.93	1161.69	1451.81
9106.000	49.00	0.00	0.00	598.50	1180.00	609.89	0.00	609.92	0.58	1.58	1744.25	1551.56
9106.000	49.00	0.00	0.00	598.50	1180.00	609.90	0.00	609.92	0.61	1.62	1606.24	1509.40
9201.000	95.00	607.40	604.60	598.50	1180.00	609.93	0.00	609.95	0.60	1.62	1655.82	1517.47
9201.000	95.00	607.40	604.60	598.50	1180.00	609.93	0.00	609.96	0.66	1.69	1465.59	1451.40
9250.000	49.00	0.00	0.00	597.80	1180.00	609.92	0.00	609.96	0.60	1.85	1347.52	1519.75
9250.000	49.00	0.00	0.00	597.80	1180.00	609.92	0.00	609.96	0.65	1.92	1181.79	1462.09

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
9607.000	357.00	0.00	0.00	598.70	1180.00	609.97	0.00	609.98	0.55	1.55	2315.14	1593.89
9607.000	357.00	0.00	0.00	598.70	1180.00	609.97	0.00	609.99	0.66	1.70	2025.27	1452.45
9676.000	69.00	0.00	0.00	599.00	1180.00	609.98	0.00	609.99	0.28	1.19	2785.72	2219.95
9676.000	69.00	0.00	0.00	599.00	1180.00	609.98	0.00	610.00	0.35	1.33	2341.53	1987.85
9676.000	98.00	605.30	603.70	599.00	1180.00	610.01	0.00	610.02	0.27	1.18	2818.95	2253.94
9676.000	98.00	605.30	603.70	599.00	1180.00	610.01	0.00	610.03	0.34	1.32	2369.21	2017.36
9823.000	49.00	0.00	0.00	598.70	1180.00	610.01	0.00	610.03	0.49	1.46	2481.30	1689.22
9823.000	49.00	0.00	0.00	598.70	1180.00	610.01	0.00	610.03	0.60	1.62	2060.09	1522.75
10293.000	470.00	0.00	0.00	599.40	1180.00	610.04	0.00	610.06	0.71	1.63	2019.88	1398.72
10293.000	470.00	0.00	0.00	599.40	1180.00	610.04	0.00	610.07	0.88	1.82	1676.41	1256.38
10342.000	49.00	0.00	0.00	598.80	1180.00	610.05	0.00	610.06	0.44	1.39	2252.11	1783.03
10342.000	49.00	0.00	0.00	598.80	1180.00	610.05	0.00	610.07	0.54	1.54	1883.52	1608.14
10400.000	58.00	607.30	605.30	598.80	1180.00	610.09	0.00	610.10	0.42	1.37	2286.46	1814.32
10400.000	58.00	607.30	605.30	598.80	1180.00	610.09	0.00	610.11	0.52	1.52	1908.84	1635.63
10449.000	49.00	0.00	0.00	599.40	1180.00	610.08	0.00	610.10	0.71	1.64	1993.61	1397.24
10449.000	49.00	0.00	0.00	599.40	1180.00	610.09	0.00	610.12	0.94	1.89	1617.88	1218.32
10754.000	305.00	0.00	0.00	599.20	1180.00	610.10	0.00	610.13	0.85	1.89	1456.16	1281.26
10754.000	305.00	0.00	0.00	599.20	1180.00	610.11	0.00	610.15	0.87	1.92	1410.10	1261.99
10803.000	49.00	0.00	0.00	599.40	1180.00	610.09	0.00	610.15	1.42	2.37	1195.06	988.58
10803.000	49.00	0.00	0.00	599.40	1180.00	610.10	0.00	610.15	1.41	2.36	1198.26	993.97
10871.000	68.00	608.10	605.80	599.40	1180.00	610.11	0.00	610.15	1.41	2.36	1199.34	992.18
10871.000	68.00	608.10	605.80	599.40	1180.00	610.12	0.00	610.13	1.42	2.37	1177.26	989.46
10920.000	49.00	0.00	0.00	599.40	1180.00	610.14	0.00	610.17	0.73	1.75	1666.64	1381.95
10920.000	49.00	0.00	0.00	599.40	1180.00	610.15	0.00	610.19	0.94	1.99	1311.41	1219.65
11098.000	178.00	0.00	0.00	599.50	1180.00	610.15	0.00	610.19	0.96	1.93	1694.72	1204.89
11098.000	178.00	0.00	0.00	599.50	1180.00	610.16	0.00	610.21	1.27	2.23	1202.43	1045.89
11147.000	49.00	0.00	0.00	599.90	1180.00	610.13	0.00	610.23	2.14	2.88	943.18	806.14
11147.000	49.00	0.00	0.00	599.90	1180.00	610.13	0.00	610.25	2.25	2.95	792.74	786.22
11205.000	58.00	608.60	605.90	599.90	1180.00	610.13	0.00	610.23	2.14	2.88	943.27	806.19
11205.000	58.00	608.60	605.90	599.90	1180.00	610.14	0.00	610.25	2.25	2.95	793.76	787.03
11254.000	49.00	0.00	0.00	599.50	1180.00	610.21	0.00	610.24	0.91	1.90	1742.63	1234.72
11254.000	49.00	0.00	0.00	599.50	1180.00	610.22	0.00	610.26	1.12	2.10	1368.09	1116.07
11404.000	150.00	0.00	0.00	600.60	1180.00	610.21	0.00	610.28	2.87	2.80	1228.78	696.61
11404.000	150.00	0.00	0.00	600.60	1180.00	610.21	0.00	610.31	4.11	3.36	878.72	581.76

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
11453.000	49.00	0.00	0.00	600.20	1180.00	610.23	0.00	610.29	2.12	2.69	1302.77	810.18
11453.000	49.00	0.00	0.00	600.20	1180.00	610.26	0.00	610.34	2.36	2.84	1068.20	768.63
11643.000	190.00	607.00	606.00	600.20	1180.00	610.24	0.00	610.29	2.10	2.67	1310.58	815.17
11643.000	190.00	607.00	606.00	600.20	1180.00	610.28	0.00	610.35	2.16	2.73	1180.45	802.66
11692.000	49.00	0.00	0.00	600.60	1180.00	610.25	0.00	610.31	2.77	2.77	1248.60	708.90
11692.000	49.00	0.00	0.00	600.60	1180.00	610.28	0.00	610.36	3.42	3.09	1024.68	638.09
12692.000	1000.00	0.00	0.00	602.60	1180.00	610.57	0.00	610.66	4.41	3.62	910.77	562.20
12692.000	1000.00	0.00	0.00	602.60	1180.00	610.67	0.00	610.87	6.84	4.55	580.57	451.31
12741.000	49.00	0.00	0.00	601.80	1180.00	610.50	0.00	610.78	7.17	4.67	505.23	440.83
12741.000	49.00	0.00	0.00	601.80	1180.00	610.63	0.00	610.99	8.64	5.07	341.36	401.53
12831.000	90.00	609.40	606.50	601.80	1180.00	610.47	0.00	610.78	7.98	4.82	454.81	417.81
12831.000	90.00	609.40	606.50	601.80	1180.00	610.57	0.00	610.99	9.64	5.34	281.24	380.11
12880.000	49.00	0.00	0.00	602.60	1180.00	610.71	0.00	610.83	4.84	3.84	695.74	536.54
12880.000	49.00	0.00	0.00	602.60	1180.00	610.58	0.00	611.07	13.30	6.29	288.13	323.62
12880.000	0.00	0.00	0.00	602.60	1180.00	610.71	0.00	610.83	4.84	3.85	695.49	536.29
12880.000	0.00	0.00	0.00	602.60	1180.00	610.58	0.00	611.07	13.30	6.29	288.13	323.61
12929.000	49.00	0.00	0.00	602.40	1180.00	610.64	608.61	611.32	23.28	6.70	218.34	244.55
12929.000	49.00	0.00	0.00	602.40	1180.00	610.61	0.00	611.35	24.72	6.89	171.29	237.32
12986.000	57.00	611.20	609.50	602.40	1180.00	612.46	0.00	612.62	4.90	3.71	636.23	533.23
12986.000	57.00	611.20	609.50	602.40	1180.00	612.32	0.00	612.61	7.47	4.52	381.74	431.84
13035.000	49.00	0.00	0.00	602.60	1180.00	612.63	0.00	612.65	0.65	1.66	1812.69	1465.25
13035.000	49.00	0.00	0.00	602.60	1180.00	612.61	0.00	612.64	1.09	2.15	1274.64	1129.88
13335.000	300.00	0.00	0.00	602.30	1180.00	612.66	0.00	612.67	0.87	1.46	1941.30	1266.93
13335.000	300.00	0.00	0.00	602.30	1180.00	612.66	0.00	612.68	0.94	1.53	1832.40	1214.43
13434.000	99.00	0.00	0.00	601.80	1180.00	612.66	0.00	612.68	0.79	1.74	2107.48	1326.44
13434.000	99.00	0.00	0.00	601.80	1180.00	612.67	0.00	612.69	0.79	1.74	2100.41	1329.11
13476.000	42.00	609.10	608.20	601.80	1180.00	612.69	0.00	612.71	0.77	1.72	2132.77	1347.79
13476.000	42.00	609.10	608.20	601.80	1180.00	612.70	0.00	612.72	0.76	1.72	2124.13	1350.07
13575.000	99.00	0.00	0.00	602.30	1180.00	612.71	0.00	612.72	0.80	1.42	2322.56	1316.99
13575.000	99.00	0.00	0.00	602.30	1180.00	612.71	0.00	612.73	0.88	1.48	2124.97	1261.19
14475.000	900.00	0.00	0.00	603.20	1180.00	612.80	0.00	612.85	2.76	2.88	1381.56	710.39
14475.000	900.00	0.00	0.00	603.20	1180.00	612.79	0.00	612.93	5.57	4.09	781.32	499.84
14524.000	49.00	0.00	0.00	602.70	1180.00	612.81	0.00	612.88	3.47	3.06	1170.25	633.37
14524.000	49.00	0.00	0.00	602.70	1180.00	612.81	0.00	612.96	5.51	3.85	682.06	502.80

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
14652.000	128.00	612.20	610.70	602.70	1180.00	612.80	0.00	612.88	3.50	3.07	1165.77	630.77
14652.000	128.00	612.20	610.70	602.70	1180.00	612.85	0.00	612.96	4.49	3.49	859.24	556.76
14701.000	49.00	0.00	0.00	603.20	1180.00	612.85	0.00	612.90	2.54	2.78	1419.20	741.04
14701.000	49.00	0.00	0.00	603.20	1180.00	612.93	0.00	612.98	2.82	2.95	1243.28	702.72
15601.000	900.00	0.00	0.00	604.30	1180.00	613.13	0.00	613.34	9.40	4.77	667.46	384.96
15601.000	900.00	0.00	0.00	604.30	1180.00	613.22	0.00	613.46	9.54	4.86	570.52	382.02
15750.000	149.00	0.00	0.00	605.30	1180.00	613.27	0.00	613.46	6.25	4.08	573.84	472.06
15750.000	149.00	0.00	0.00	605.30	1180.00	613.39	0.00	613.58	5.89	4.02	526.66	486.22
15800.000	50.00	614.70	612.70	605.30	1180.00	614.69	0.00	614.74	1.44	2.29	1384.15	983.51
15800.000	50.00	614.70	612.70	605.30	1180.00	614.68	0.00	614.75	1.82	2.58	981.91	873.98
15849.000	49.00	0.00	0.00	604.30	1180.00	614.71	0.00	614.75	1.74	2.39	1619.40	894.41
15849.000	49.00	0.00	0.00	604.30	1180.00	614.71	0.00	614.76	2.21	2.69	1244.58	794.45
17575.000	1726.00	0.00	0.00	607.80	1180.00	615.17	0.00	615.19	4.21	2.24	1440.02	575.28
17575.000	1726.00	0.00	0.00	607.80	1180.00	615.29	0.00	615.33	5.43	2.59	1136.66	506.59
17710.000	135.00	0.00	0.00	608.20	1180.00	615.25	0.00	615.46	27.14	5.31	661.08	226.49
17710.000	135.00	0.00	0.00	608.20	1180.00	615.39	0.00	615.62	26.49	5.35	583.14	229.28
17850.000	140.00	0.00	0.00	608.10	1180.00	615.65	615.57	616.07	36.89	6.43	475.71	194.27
17850.000	140.00	0.00	0.00	608.10	1180.00	615.78	0.00	616.21	35.08	6.38	429.96	199.22
18100.000	250.00	0.00	0.00	608.40	1180.00	616.50	0.00	616.64	14.15	4.28	772.90	313.71
18100.000	250.00	0.00	0.00	608.40	1180.00	616.61	0.00	616.76	13.80	4.28	702.30	317.68
18575.000	475.00	0.00	0.00	608.90	1180.00	617.38	0.00	617.80	29.44	6.21	424.06	217.47
18575.000	475.00	0.00	0.00	608.90	1180.00	617.45	0.00	617.86	27.43	6.05	409.67	225.32
18624.000	49.00	0.00	0.00	609.10	1180.00	617.92	0.00	617.95	1.93	2.39	1320.95	850.28
18624.000	49.00	0.00	0.00	609.10	1180.00	617.95	0.00	617.99	2.26	2.60	1053.70	784.56
18704.000	80.00	618.50	616.40	609.10	1180.00	618.30	0.00	618.32	1.43	2.12	1507.30	987.61
18704.000	80.00	618.50	616.40	609.10	1180.00	618.29	0.00	618.33	2.21	2.64	993.85	793.02
18753.000	49.00	0.00	0.00	608.90	1180.00	618.20	0.00	618.38	7.34	4.41	797.40	435.66
18753.000	49.00	0.00	0.00	608.90	1180.00	618.17	0.00	618.41	9.33	4.95	600.13	386.32
19003.000	250.00	0.00	0.00	609.70	1180.00	618.29	0.00	618.64	9.22	5.32	457.52	388.61
19003.000	250.00	0.00	0.00	609.70	1180.00	618.33	0.00	618.67	8.87	5.24	470.28	396.16
19077.000	74.00	0.00	0.00	609.50	1180.00	618.74	0.00	618.75	0.80	1.61	1748.09	1316.76
19077.000	74.00	0.00	0.00	609.50	1180.00	618.76	0.00	618.78	0.95	1.75	1484.13	1211.57
19235.000	158.00	617.20	617.00	609.50	1180.00	618.83	0.00	618.84	0.74	1.56	1859.34	1371.25
19235.000	158.00	617.20	617.00	609.50	1180.00	618.83	0.00	618.86	1.36	2.12	1168.59	1010.57

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
19384.000	149.00	0.00	0.00	610.10	1180.00	618.69	0.00	619.04	20.43	5.46	511.05	261.07
19384.000	149.00	0.00	0.00	610.10	1180.00	618.57	616.71	619.23	32.96	6.84	279.58	205.53
19433.000	49.00	0.00	0.00	609.10	1180.00	618.71	616.93	619.29	40.69	6.98	365.97	184.98
19433.000	49.00	0.00	0.00	609.10	1180.00	618.75	616.95	619.42	43.34	7.28	285.99	178.22
19677.000	244.00	618.00	617.20	609.10	1180.00	619.72	0.00	619.76	4.49	2.50	1231.44	557.06
19677.000	244.00	618.00	617.20	609.10	1180.00	619.71	0.00	619.77	6.13	2.92	1019.89	476.60
19776.000	99.00	0.00	0.00	610.10	1180.00	619.69	0.00	619.84	4.90	3.87	912.94	532.94
19776.000	99.00	0.00	0.00	610.10	1180.00	619.70	0.00	619.85	4.92	3.88	882.59	532.00
19876.000	100.00	0.00	0.00	610.70	1180.00	619.64	0.00	619.95	7.87	5.07	621.22	420.59
19876.000	100.00	0.00	0.00	610.70	1180.00	619.65	0.00	619.96	7.93	5.09	599.93	419.03
19925.000	49.00	0.00	0.00	610.50	1180.00	620.01	0.00	620.04	1.22	2.25	1495.87	1069.70
19925.000	49.00	0.00	0.00	610.50	1180.00	620.02	0.00	620.05	1.20	2.23	1490.93	1076.51
20033.000	108.00	618.80	618.50	610.50	1180.00	620.33	0.00	620.36	0.96	2.05	1666.66	1206.60
20033.000	108.00	618.80	618.50	610.50	1180.00	620.34	0.00	620.37	1.00	2.10	1556.06	1179.50
20082.000	49.00	0.00	0.00	610.70	1180.00	620.23	0.00	620.42	5.49	4.30	751.95	503.43
20082.000	49.00	0.00	0.00	610.70	1180.00	620.22	0.00	620.43	5.62	4.35	709.82	497.65
20232.000	150.00	0.00	0.00	611.30	1180.00	620.26	0.00	620.57	10.89	5.11	543.41	357.61
20232.000	150.00	0.00	0.00	611.30	1180.00	620.26	0.00	620.57	10.82	5.10	534.86	358.68
20281.000	49.00	0.00	0.00	611.10	1180.00	620.64	0.00	620.67	1.94	2.84	1311.72	846.15
20281.000	49.00	0.00	0.00	611.10	1180.00	620.62	0.00	620.67	2.44	3.17	1080.45	755.99
20385.000	104.00	619.40	619.20	611.10	1180.00	620.74	0.00	620.78	1.75	2.71	1368.64	892.26
20385.000	104.00	619.40	619.20	611.10	1180.00	620.73	0.00	620.77	1.78	2.73	1333.93	885.14
20434.000	49.00	0.00	0.00	611.30	1180.00	620.67	0.00	620.83	5.92	3.96	709.86	484.78
20434.000	49.00	0.00	0.00	611.30	1180.00	620.66	0.00	620.82	6.00	3.98	701.99	481.65
21554.000	1120.00	0.00	0.00	613.80	1180.00	621.47	0.00	621.53	6.57	3.18	1066.08	460.24
21554.000	1120.00	0.00	0.00	613.80	1180.00	621.47	0.00	621.54	6.79	3.24	1006.50	452.89
21653.000	99.00	0.00	0.00	611.40	1180.00	621.56	0.00	621.57	0.58	1.15	2451.00	1548.99
21653.000	99.00	0.00	0.00	611.40	1180.00	621.57	0.00	621.58	0.70	1.26	1973.92	1406.38
21670.000	17.00	620.80	619.70	611.40	1180.00	621.61	0.00	621.62	0.55	1.12	2510.58	1593.23
21670.000	17.00	620.80	619.70	611.40	1180.00	621.62	0.00	621.63	0.68	1.25	1996.25	1432.46
21719.000	49.00	0.00	0.00	613.30	1180.00	621.61	0.00	621.63	2.10	1.93	1636.93	814.92
21719.000	49.00	0.00	0.00	613.30	1180.00	621.62	0.00	621.65	2.73	2.21	1262.92	714.72
22670.000	1000.00	0.00	0.00	615.20	1180.00	621.92	0.00	622.24	27.57	5.77	476.52	224.74
22670.000	1000.00	0.00	0.00	615.20	1180.00	622.05	0.00	622.33	23.44	5.42	495.32	243.74

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
24069.000	1350.00	0.00	0.00	617.10	1180.00	624.34	0.00	624.47	10.84	3.91	793.72	358.46
24069.000	1350.00	0.00	0.00	617.10	1180.00	624.34	0.00	624.48	11.45	4.02	714.91	348.73

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100-YEAR FREQU

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	1180.00	598.60	0.00	0.00	0.00	120.40	0.00
0.000	1180.00	598.60	0.00	0.00	0.00	90.00	0.00
49.000	1180.00	598.63	0.00	0.03	0.00	220.00	49.00
49.000	1180.00	598.64	0.00	0.04	0.00	190.00	49.00
145.000	1180.00	601.28	0.00	2.64	0.00	165.00	96.00
145.000	1180.00	601.27	-0.01	2.63	-0.01	145.00	96.00
194.000	1180.00	601.31	0.00	0.04	0.00	243.98	49.00
194.000	1180.00	601.31	-0.01	0.04	-0.01	140.25	49.00
994.000	1180.00	601.47	0.00	0.16	0.00	455.00	800.00
994.000	1180.00	601.48	0.00	0.17	0.00	437.00	800.00
1043.000	1180.00	601.47	0.00	0.00	0.00	430.00	49.00
1043.000	1180.00	601.48	0.00	0.00	0.00	412.00	49.00
1062.000	1180.00	601.50	0.00	0.02	0.00	420.00	19.00
1062.000	1180.00	601.50	0.00	0.02	0.00	403.00	19.00
1111.000	1180.00	601.51	0.00	0.01	0.00	395.00	49.00
1111.000	1180.00	601.51	0.00	0.01	0.00	378.00	49.00
1112.000	1180.00	601.51	0.00	0.00	0.00	395.00	1.00
1112.000	1180.00	601.51	0.00	0.00	0.00	378.00	1.00
1160.000	1180.00	601.51	0.00	0.00	0.00	370.00	48.00
1160.000	1180.00	601.51	0.00	0.00	0.00	350.00	48.00
1173.000	1180.00	601.53	0.00	0.03	0.00	370.00	13.00
1173.000	1180.00	601.54	0.00	0.03	0.00	345.00	13.00
1222.000	1180.00	601.55	0.00	0.02	0.00	470.00	49.00
1222.000	1180.00	601.56	0.00	0.02	0.00	450.00	49.00
1282.000	1180.00	601.56	0.00	0.00	0.00	440.00	60.00
1282.000	1180.00	601.56	0.00	0.00	0.00	420.00	60.00
1331.000	1180.00	601.55	0.00	0.00	0.00	414.00	49.00
1331.000	1180.00	601.56	0.00	0.00	0.00	396.00	49.00
1373.000	1180.00	601.57	0.00	0.01	0.00	393.00	42.00
1373.000	1180.00	601.57	0.00	0.01	0.00	375.00	42.00
1422.000	1180.00	601.58	0.00	0.01	0.00	368.00	49.00
1422.000	1180.00	601.58	0.00	0.01	0.00	350.00	49.00

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	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	2022.000	1180.00	601.53	0.00	-0.04	0.00	87.00	600.00
	2022.000	1180.00	601.54	0.01	-0.04	0.01	87.00	600.00
	2071.000	1180.00	601.69	0.00	0.16	0.00	62.63	49.00
	2071.000	1180.00	601.70	0.01	0.16	0.01	62.65	49.00
	2133.000	1180.00	602.53	0.00	0.84	0.00	65.54	62.00
	2133.000	1180.00	602.53	0.01	0.84	0.01	65.56	62.00
	2282.000	1180.00	602.51	0.00	-0.01	0.00	206.00	149.00
	2282.000	1180.00	602.52	0.00	-0.02	0.00	190.00	149.00
	2562.000	1180.00	602.49	0.00	-0.02	0.00	53.51	280.00
	2562.000	1180.00	602.50	0.01	-0.01	0.01	52.53	280.00
	2611.000	1180.00	602.67	0.00	0.18	0.00	41.94	49.00
	2611.000	1180.00	602.67	0.00	0.17	0.00	39.96	49.00
*	2613.000	1180.00	602.45	0.00	-0.22	0.00	41.54	2.00
*	2613.000	1180.00	602.46	0.01	-0.21	0.01	39.65	2.00
*	2649.000	1180.00	602.66	0.00	0.21	0.00	41.92	36.00
	2649.000	1180.00	602.73	0.07	0.27	0.07	40.00	36.00
	2651.000	1180.00	603.14	0.00	0.48	0.00	42.00	2.00
	2651.000	1180.00	603.18	0.04	0.45	0.04	42.00	2.00
	2700.000	1180.00	603.10	0.00	-0.04	0.00	70.00	49.00
	2700.000	1180.00	603.14	0.04	-0.04	0.04	70.00	49.00
	3800.000	1180.00	603.56	0.00	0.46	0.00	70.00	1100.00
	3800.000	1180.00	603.59	0.03	0.45	0.03	70.00	1100.00
	3849.000	1180.00	603.55	0.00	-0.01	0.00	46.00	49.00
	3849.000	1180.00	603.58	0.03	-0.01	0.03	46.00	49.00
	3851.000	1180.00	603.34	0.00	-0.21	0.00	46.00	2.00
	3851.000	1180.00	603.53	0.18	-0.05	0.18	46.00	2.00
	3893.000	1180.00	603.39	0.00	0.05	0.00	46.00	42.00
	3893.000	1180.00	603.55	0.16	0.02	0.16	46.00	42.00
	3895.000	1180.00	603.86	0.00	0.47	0.00	46.00	2.00
	3895.000	1180.00	603.68	-0.18	0.13	-0.18	46.00	2.00
	3929.000	1180.00	603.87	0.00	0.01	0.00	65.00	34.00
	3929.000	1180.00	603.68	-0.18	0.01	-0.18	65.00	34.00
	3978.000	1180.00	603.83	0.00	-0.04	0.00	39.00	49.00
	3978.000	1180.00	603.65	-0.18	-0.04	-0.18	39.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4200.000	1180.00	605.47	0.00	1.64	0.00	39.00	222.00
4200.000	1180.00	605.28	-0.19	1.64	-0.19	39.00	222.00
4249.000	1180.00	605.60	0.00	0.13	0.00	137.00	49.00
4249.000	1180.00	605.41	-0.19	0.13	-0.19	130.00	49.00
4749.000	1180.00	605.65	0.00	0.05	0.00	505.00	500.00
4749.000	1180.00	605.47	-0.18	0.05	-0.18	400.00	500.00
4798.000	1180.00	605.66	0.00	0.01	0.00	480.00	49.00
4798.000	1180.00	605.47	-0.18	0.01	-0.18	375.00	49.00
4855.000	1180.00	605.68	0.00	0.03	0.00	450.00	57.00
4855.000	1180.00	605.49	-0.19	0.02	-0.19	350.00	57.00
4904.000	1180.00	605.68	0.00	0.00	0.00	425.00	49.00
4904.000	1180.00	605.49	-0.19	0.00	-0.19	325.00	49.00
5604.000	1180.00	605.63	0.00	-0.05	0.00	75.00	700.00
5604.000	1180.00	605.46	-0.18	-0.04	-0.18	73.00	700.00
5668.000	1180.00	605.63	0.00	0.00	0.00	42.00	64.00
5668.000	1180.00	605.46	-0.17	0.00	-0.17	42.00	64.00
5684.000	1180.00	605.64	0.00	0.01	0.00	42.00	16.00
5684.000	1180.00	605.47	-0.17	0.01	-0.17	42.00	16.00
5733.000	1180.00	605.75	0.00	0.11	0.00	142.00	49.00
5733.000	1180.00	605.58	-0.17	0.11	-0.17	142.00	49.00
5833.000	1180.00	605.82	0.00	0.06	0.00	342.00	100.00
5833.000	1180.00	605.61	-0.20	0.03	-0.20	250.00	100.00
5882.000	1180.00	605.89	0.00	0.08	0.00	422.00	49.00
5882.000	1180.00	605.76	-0.13	0.14	-0.13	350.00	49.00
5984.000	1180.00	605.96	0.00	0.07	0.00	615.00	102.00
5984.000	1180.00	605.82	-0.14	0.07	-0.14	550.00	102.00
6033.000	1180.00	605.95	0.00	0.00	0.00	590.00	49.00
6033.000	1180.00	605.82	-0.14	0.00	-0.14	525.00	49.00
6533.000	1180.00	605.98	0.00	0.03	0.00	340.00	500.00
6533.000	1180.00	605.86	-0.13	0.04	-0.13	300.00	500.00
6582.000	1180.00	605.95	0.00	-0.03	0.00	315.00	49.00
6582.000	1180.00	605.81	-0.15	-0.05	-0.15	275.00	49.00
6690.000	1180.00	605.91	0.00	-0.04	0.00	260.00	108.00
6690.000	1180.00	605.75	-0.16	-0.06	-0.16	225.00	108.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6739.000	1180.00	606.03	0.00	0.12	0.00	236.00	49.00
6739.000	1180.00	605.92	-0.11	0.17	-0.11	200.00	49.00
7439.000	1180.00	605.81	0.00	-0.22	0.00	80.00	300.00
7439.000	1180.00	605.71	-0.10	-0.21	-0.10	75.00	300.00
7488.000	1180.00	606.22	0.00	0.40	0.00	52.60	49.00
7488.000	1180.00	606.14	-0.08	0.43	-0.08	50.53	49.00
7580.000	1180.00	608.65	0.00	2.43	0.00	236.00	92.00
7580.000	1180.00	608.61	-0.04	2.47	-0.04	225.00	92.00
7629.000	1180.00	608.67	0.00	0.02	0.00	243.00	49.00
7629.000	1180.00	608.62	-0.05	0.01	-0.05	200.00	49.00
8001.000	1180.00	608.67	0.00	0.01	0.00	230.35	372.00
8001.000	1180.00	608.63	-0.04	0.02	-0.04	101.89	372.00
8050.000	1180.00	608.76	0.00	0.09	0.00	167.49	49.00
8050.000	1180.00	608.73	-0.04	0.10	-0.04	77.44	49.00
8163.000	1180.00	609.08	0.00	0.32	0.00	199.91	113.00
8163.000	1180.00	609.06	-0.02	0.34	-0.02	118.99	113.00
8212.000	1180.00	609.05	0.00	-0.03	0.00	255.00	49.00
8212.000	1180.00	609.04	-0.01	-0.03	-0.01	218.00	49.00
8537.000	1180.00	609.07	0.00	0.02	0.00	158.63	325.00
8537.000	1180.00	609.05	-0.02	0.02	-0.02	104.39	325.00
8586.000	1180.00	609.28	0.00	0.21	0.00	260.00	49.00
8586.000	1180.00	609.27	-0.01	0.21	-0.01	150.00	49.00
8683.000	1180.00	609.72	0.00	0.44	0.00	300.00	97.00
8683.000	1180.00	609.71	-0.01	0.44	-0.01	125.00	97.00
8732.000	1180.00	609.66	0.00	-0.06	0.00	290.35	49.00
8732.000	1180.00	609.65	-0.02	-0.06	-0.02	97.86	49.00
9057.000	1180.00	609.87	0.00	0.20	0.00	405.61	325.00
9057.000	1180.00	609.87	0.00	0.22	0.00	275.00	325.00
9106.000	1180.00	609.89	0.00	0.03	0.00	490.00	49.00
9106.000	1180.00	609.90	0.00	0.03	0.00	375.00	49.00
9201.000	1180.00	609.93	0.00	0.03	0.00	440.00	95.00
9201.000	1180.00	609.93	0.00	0.03	0.00	325.00	95.00
9250.000	1180.00	609.92	0.00	-0.01	0.00	410.00	49.00
9250.000	1180.00	609.92	0.00	-0.01	0.00	300.00	49.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
9607.000	1180.00	609.97	0.00	0.05	0.00	735.00	357.00
9607.000	1180.00	609.97	0.00	0.05	0.00	610.00	357.00
9676.000	1180.00	609.98	0.00	0.01	0.00	700.00	69.00
9676.000	1180.00	609.98	0.00	0.01	0.00	575.00	69.00
9676.000	1180.00	610.01	0.00	0.04	0.00	700.00	98.00
9676.000	1180.00	610.01	0.00	0.03	0.00	575.00	98.00
9823.000	1180.00	610.01	0.00	0.00	0.00	800.00	49.00
9823.000	1180.00	610.01	0.00	0.00	0.00	550.00	49.00
10293.000	1180.00	610.04	0.00	0.02	0.00	651.54	470.00
10293.000	1180.00	610.04	0.01	0.03	0.01	470.00	470.00
10342.000	1180.00	610.05	0.00	0.01	0.00	639.90	49.00
10342.000	1180.00	610.05	0.01	0.01	0.01	447.40	49.00
10400.000	1180.00	610.09	0.00	0.04	0.00	648.78	58.00
10400.000	1180.00	610.09	0.01	0.04	0.01	448.44	58.00
10449.000	1180.00	610.08	0.00	0.00	0.00	625.00	49.00
10449.000	1180.00	610.09	0.00	0.00	0.00	475.00	49.00
10754.000	1180.00	610.10	0.00	0.01	0.00	470.00	305.00
10754.000	1180.00	610.11	0.01	0.02	0.01	450.00	305.00
10803.000	1180.00	610.09	0.00	-0.01	0.00	444.77	49.00
10803.000	1180.00	610.10	0.01	-0.01	0.01	428.00	49.00
10871.000	1180.00	610.11	0.00	0.02	0.00	445.25	68.00
10871.000	1180.00	610.12	0.01	0.01	0.01	410.00	68.00
10920.000	1180.00	610.14	0.00	0.04	0.00	545.00	49.00
10920.000	1180.00	610.15	0.00	0.03	0.00	400.00	49.00
11098.000	1180.00	610.15	0.00	0.01	0.00	675.00	178.00
11098.000	1180.00	610.16	0.00	0.01	0.00	375.00	178.00
11147.000	1180.00	610.13	0.00	-0.03	0.00	665.67	49.00
11147.000	1180.00	610.13	0.01	-0.02	0.01	350.00	49.00
11205.000	1180.00	610.13	0.00	0.00	0.00	665.69	58.00
11205.000	1180.00	610.14	0.01	0.00	0.01	350.00	58.00
11254.000	1180.00	610.21	0.00	0.08	0.00	690.00	49.00
11254.000	1180.00	610.22	0.01	0.08	0.01	450.00	49.00
11404.000	1180.00	610.21	0.00	0.00	0.00	614.92	150.00
11404.000	1180.00	610.21	-0.01	-0.01	-0.01	375.00	150.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11453.000	1180.00	610.23	0.00	0.02	0.00	615.36	49.00
11453.000	1180.00	610.26	0.04	0.06	0.04	350.00	49.00
11643.000	1180.00	610.24	0.00	0.01	0.00	615.96	190.00
11643.000	1180.00	610.28	0.05	0.02	0.05	425.00	190.00
11692.000	1180.00	610.25	0.00	0.01	0.00	616.45	49.00
11692.000	1180.00	610.28	0.03	0.00	0.03	498.41	49.00
12692.000	1180.00	610.57	0.00	0.32	0.00	335.00	1000.00
12692.000	1180.00	610.67	0.11	0.39	0.11	160.00	1000.00
12741.000	1180.00	610.50	0.00	-0.06	0.00	299.00	49.00
12741.000	1180.00	610.63	0.12	-0.05	0.12	135.00	49.00
12831.000	1180.00	610.47	0.00	-0.03	0.00	259.00	90.00
12831.000	1180.00	610.57	0.10	-0.06	0.10	90.00	90.00
12880.000	1180.00	610.71	0.00	0.23	0.00	215.00	49.00
12880.000	1180.00	610.58	-0.13	0.01	-0.13	65.00	49.00
12880.000	1180.00	610.71	0.00	0.00	0.00	215.00	0.00
12880.000	1180.00	610.58	-0.13	0.00	-0.13	65.00	0.00
12929.000	1180.00	610.64	0.00	-0.07	0.00	265.23	49.00
12929.000	1180.00	610.61	-0.03	0.04	-0.03	36.58	49.00
12986.000	1180.00	612.46	0.00	1.82	0.00	305.00	57.00
12986.000	1180.00	612.32	-0.14	1.71	-0.14	160.00	57.00
13035.000	1180.00	612.63	0.00	0.17	0.00	405.00	49.00
13035.000	1180.00	612.61	-0.02	0.30	-0.02	260.00	49.00
13335.000	1180.00	612.66	0.00	0.02	0.00	650.00	300.00
13335.000	1180.00	612.66	0.01	0.05	0.01	600.00	300.00
13434.000	1180.00	612.66	0.00	0.01	0.00	646.50	99.00
13434.000	1180.00	612.67	0.01	0.01	0.01	618.51	99.00
13476.000	1180.00	612.69	0.00	0.03	0.00	648.07	42.00
13476.000	1180.00	612.70	0.01	0.03	0.01	618.29	42.00
13575.000	1180.00	612.71	0.00	0.01	0.00	829.20	99.00
13575.000	1180.00	612.71	0.01	0.01	0.01	655.99	99.00
14475.000	1180.00	612.80	0.00	0.09	0.00	770.05	900.00
14475.000	1180.00	612.79	-0.01	0.07	-0.01	355.00	900.00
14524.000	1180.00	612.81	0.00	0.00	0.00	800.00	49.00
14524.000	1180.00	612.81	0.01	0.02	0.01	330.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
14652.000	1180.00	612.80	0.00	0.00	0.00	800.00	128.00
14652.000	1180.00	612.85	0.04	0.04	0.04	500.00	128.00
14701.000	1180.00	612.85	0.00	0.05	0.00	771.27	49.00
14701.000	1180.00	612.93	0.07	0.08	0.07	600.00	49.00
15601.000	1180.00	613.13	0.00	0.27	0.00	462.25	900.00
15601.000	1180.00	613.22	0.10	0.30	0.10	275.00	900.00
15750.000	1180.00	613.27	0.00	0.14	0.00	371.87	149.00
15750.000	1180.00	613.39	0.12	0.17	0.12	200.00	149.00
15800.000	1180.00	614.69	0.00	1.42	0.00	700.00	50.00
15800.000	1180.00	614.68	-0.01	1.29	-0.01	300.00	50.00
15849.000	1180.00	614.71	0.00	0.02	0.00	800.00	49.00
15849.000	1180.00	614.71	0.00	0.02	0.00	400.00	49.00
17575.000	1180.00	615.17	0.00	0.46	0.00	740.78	1726.00
17575.000	1180.00	615.29	0.12	0.59	0.12	475.00	1726.00
17710.000	1180.00	615.25	0.00	0.08	0.00	694.45	135.00
17710.000	1180.00	615.39	0.14	0.10	0.14	450.00	135.00
17850.000	1180.00	615.65	0.00	0.40	0.00	552.01	140.00
17850.000	1180.00	615.78	0.13	0.38	0.13	372.98	140.00
18100.000	1180.00	616.50	0.00	0.85	0.00	574.55	250.00
18100.000	1180.00	616.61	0.11	0.83	0.11	400.00	250.00
18575.000	1180.00	617.38	0.00	0.88	0.00	348.64	475.00
18575.000	1180.00	617.45	0.08	0.85	0.08	250.00	475.00
18624.000	1180.00	617.92	0.00	0.54	0.00	460.02	49.00
18624.000	1180.00	617.95	0.03	0.50	0.03	225.00	49.00
18704.000	1180.00	618.30	0.00	0.38	0.00	549.57	80.00
18704.000	1180.00	618.29	-0.01	0.34	-0.01	200.00	80.00
18753.000	1180.00	618.20	0.00	-0.10	0.00	530.00	49.00
18753.000	1180.00	618.17	-0.04	-0.13	-0.04	300.00	49.00
19003.000	1180.00	618.29	0.00	0.09	0.00	368.91	250.00
19003.000	1180.00	618.33	0.04	0.17	0.04	341.95	250.00
19077.000	1180.00	618.74	0.00	0.45	0.00	465.00	74.00
19077.000	1180.00	618.76	0.02	0.43	0.02	330.00	74.00
19235.000	1180.00	618.83	0.00	0.09	0.00	590.57	158.00
19235.000	1180.00	618.83	0.00	0.07	0.00	250.00	158.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
19384.000	1180.00	618.69	0.00	-0.14	0.00	526.97	149.00
19384.000	1180.00	618.57	-0.12	-0.26	-0.12	250.00	149.00
19433.000	1180.00	618.71	0.00	0.02	0.00	461.43	49.00
19433.000	1180.00	618.75	0.04	0.18	0.04	221.43	49.00
19677.000	1180.00	619.72	0.00	1.02	0.00	768.63	244.00
19677.000	1180.00	619.71	-0.01	0.96	-0.01	596.47	244.00
19776.000	1180.00	619.69	0.00	-0.03	0.00	675.67	99.00
19776.000	1180.00	619.70	0.01	-0.01	0.01	550.00	99.00
19876.000	1180.00	619.64	0.00	-0.05	0.00	574.47	100.00
19876.000	1180.00	619.65	0.01	-0.05	0.01	500.00	100.00
19925.000	1180.00	620.01	0.00	0.37	0.00	506.79	49.00
19925.000	1180.00	620.02	0.01	0.37	0.01	475.00	49.00
20033.000	1180.00	620.33	0.00	0.33	0.00	535.25	108.00
20033.000	1180.00	620.34	0.00	0.32	0.00	425.00	108.00
20082.000	1180.00	620.23	0.00	-0.11	0.00	493.72	49.00
20082.000	1180.00	620.22	0.00	-0.11	0.00	400.00	49.00
20232.000	1180.00	620.26	0.00	0.03	0.00	449.94	150.00
20232.000	1180.00	620.26	0.01	0.04	0.01	400.00	150.00
20281.000	1180.00	620.64	0.00	0.38	0.00	541.90	49.00
20281.000	1180.00	620.62	-0.01	0.36	-0.01	375.00	49.00
20385.000	1180.00	620.74	0.00	0.11	0.00	544.47	104.00
20385.000	1180.00	620.73	-0.01	0.11	-0.01	500.00	104.00
20434.000	1180.00	620.67	0.00	-0.07	0.00	500.39	49.00
20434.000	1180.00	620.66	-0.01	-0.07	-0.01	475.00	49.00
21554.000	1180.00	621.47	0.00	0.80	0.00	731.20	1120.00
21554.000	1180.00	621.47	0.00	0.81	0.00	600.00	1120.00
21653.000	1180.00	621.56	0.00	0.09	0.00	1000.00	99.00
21653.000	1180.00	621.57	0.01	0.10	0.01	550.00	99.00
21670.000	1180.00	621.61	0.00	0.05	0.00	1000.00	17.00
21670.000	1180.00	621.62	0.00	0.05	0.00	550.00	17.00
21719.000	1180.00	621.61	0.00	0.00	0.00	911.68	49.00
21719.000	1180.00	621.62	0.00	0.00	0.00	515.00	49.00
22670.000	1180.00	621.92	0.00	0.30	0.00	402.11	1000.00
22670.000	1180.00	622.05	0.13	0.43	0.13	300.00	1000.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
24069.000	1180.00	624.34	0.00	2.42	0.00	597.47	1350.00
24069.000	1180.00	624.34	0.00	2.29	0.00	400.00	1350.00

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 2613.000 PROFILE= 1 BRIDGE DECK DEFINITION ERROR
CAUTION SECNO= 2613.000 PROFILE= 2 BRIDGE DECK DEFINITION ERROR

CAUTION SECNO= 2649.000 PROFILE= 1 BRIDGE DECK DEFINITION ERROR

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FLOODWAY DATA, 100-YEAR FREQU
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.000	90.	311.	3.8	598.6	598.6	0.0
49.000	190.	308.	3.8	598.6	598.6	0.0
145.000	145.	646.	1.8	601.3	601.3	0.0
194.000	140.	695.	1.7	601.3	601.3	0.0
994.000	437.	2036.	0.6	601.5	601.5	0.0
1043.000	412.	1787.	0.7	601.5	601.5	0.0
1062.000	403.	1770.	0.7	601.5	601.5	0.0
1111.000	378.	1880.	0.6	601.5	601.5	0.0
1112.000	378.	1771.	0.7	601.5	601.5	0.0
1160.000	350.	1508.	0.8	601.5	601.5	0.0
1173.000	345.	1504.	0.8	601.5	601.5	0.0
1222.000	450.	1987.	0.6	601.6	601.6	0.0
1282.000	420.	1891.	0.6	601.6	601.6	0.0
1331.000	396.	1709.	0.7	601.6	601.6	0.0
1373.000	375.	1634.	0.7	601.6	601.6	0.0
1422.000	350.	1681.	0.7	601.6	601.6	0.0
2022.000	87.	376.	3.1	601.5	601.5	0.0
2071.000	63.	443.	2.7	601.7	601.7	0.0
2133.000	66.	497.	2.4	602.5	602.5	0.0
2282.000	190.	533.	2.2	602.5	602.5	0.0
2562.000	53.	265.	4.5	602.5	602.5	0.0
2611.000	40.	327.	3.6	602.7	602.7	0.0
2613.000	40.	187.	6.3	602.5	602.5	0.0
2649.000	40.	193.	6.1	602.8	602.7	0.1
2651.000	42.	354.	3.3	603.1	603.1	0.0
2700.000	70.	316.	3.7	603.1	603.1	0.0
3800.000	70.	515.	2.3	603.6	603.6	0.0
3849.000	46.	379.	3.1	603.5	603.5	0.0
3851.000	46.	288.	4.1	603.5	603.3	0.2
3893.000	46.	288.	4.1	603.6	603.4	0.2
3895.000	46.	384.	3.1	603.8	603.9	-0.1
3929.000	65.	493.	2.4	603.8	603.9	-0.1
3978.000	39.	308.	3.8	603.7	603.8	-0.1
4200.000	39.	372.	3.2	605.4	605.5	-0.1
4249.000	130.	1049.	1.1	605.5	605.6	-0.1
4749.000	400.	1843.	0.6	605.5	605.6	-0.1
4798.000	375.	1309.	0.9	605.6	605.7	-0.1
4855.000	350.	1255.	0.9	605.6	605.7	-0.1
4904.000	325.	1605.	0.7	605.6	605.7	-0.1
5604.000	73.	459.	2.6	605.5	605.6	-0.1
5668.000	42.	304.	3.9	605.5	605.6	-0.1
5684.000	42.	304.	3.9	605.5	605.6	-0.1

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FLOODWAY DATA, 100-YEAR FREQU
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
5733.000	142.	792.	1.5	605.7	605.8	-0.1
5833.000	250.	896.	1.3	605.7	605.8	-0.1
5882.000	350.	1799.	0.7	605.9	605.9	0.0
5984.000	550.	2216.	0.5	606.0	606.0	0.0
6033.000	525.	1746.	0.7	606.0	606.0	0.0
6533.000	300.	1455.	0.8	606.0	606.0	0.0
6582.000	275.	706.	1.7	606.0	606.0	0.0
6690.000	225.	562.	2.1	605.8	605.9	-0.1
6739.000	200.	1046.	1.1	606.0	606.0	0.0
7439.000	75.	250.	4.7	605.8	605.8	0.0
7488.000	51.	367.	3.2	606.2	606.2	0.0
7580.000	225.	639.	1.8	608.6	608.6	0.0
7629.000	200.	851.	1.4	608.7	608.7	0.0
8001.000	102.	405.	2.9	608.7	608.7	0.0
8050.000	77.	485.	2.4	608.8	608.8	0.0
8163.000	200.	531.	2.2	609.1	609.1	0.0
8212.000	218.	539.	2.2	609.1	609.1	0.0
8537.000	104.	343.	3.4	609.1	609.1	0.0
8586.000	150.	491.	2.4	609.3	609.3	0.0
8683.000	125.	522.	2.3	609.7	609.7	0.0
8732.000	98.	398.	3.0	609.7	609.7	0.0
9057.000	275.	1162.	1.0	609.9	609.9	0.0
9106.000	375.	1606.	0.7	609.9	609.9	0.0
9201.000	325.	1466.	0.8	609.9	609.9	0.0
9250.000	300.	1182.	1.0	609.9	609.9	0.0
9607.000	610.	2025.	0.6	610.0	610.0	0.0
9676.000	575.	2342.	0.5	610.0	610.0	0.0
9676.000	575.	2369.	0.5	610.0	610.0	0.0
9823.000	550.	2060.	0.6	610.0	610.0	0.0
10293.000	470.	1676.	0.7	610.0	610.0	0.0
10342.000	447.	1884.	0.6	610.0	610.0	0.0
10400.000	448.	1909.	0.6	610.1	610.1	0.0
10449.000	475.	1618.	0.7	610.1	610.1	0.0
10754.000	450.	1410.	0.8	610.1	610.1	0.0
10803.000	428.	1198.	1.0	610.1	610.1	0.0
10871.000	410.	1177.	1.0	610.1	610.1	0.0
10920.000	400.	1311.	0.9	610.1	610.1	0.0
11098.000	375.	1202.	1.0	610.2	610.2	0.0
11147.000	350.	793.	1.5	610.1	610.1	0.0
11205.000	350.	794.	1.5	610.1	610.1	0.0
11254.000	450.	1368.	0.9	610.2	610.2	0.0
11404.000	375.	879.	1.3	610.2	610.2	0.0

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FLOODWAY DATA, 100-YEAR FREQU
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
11453.000	350.	1068.	1.1	610.2	610.2	0.0
11643.000	425.	1180.	1.0	610.2	610.2	0.0
11692.000	498.	1025.	1.2	610.2	610.2	0.0
12692.000	160.	581.	2.0	610.7	610.6	0.1
12741.000	135.	341.	3.5	610.6	610.5	0.1
12831.000	90.	281.	4.2	610.6	610.5	0.1
12880.000	65.	288.	4.1	610.7	610.7	0.0
12880.000	65.	288.	4.1	610.7	610.7	0.0
12929.000	37.	171.	6.9	610.6	610.6	0.0
12986.000	160.	382.	3.1	612.5	612.5	0.0
13035.000	260.	1275.	0.9	612.6	612.6	0.0
13335.000	600.	1832.	0.6	612.7	612.7	0.0
13434.000	619.	2100.	0.6	612.7	612.7	0.0
13476.000	618.	2124.	0.6	612.7	612.7	0.0
13575.000	656.	2125.	0.6	612.7	612.7	0.0
14475.000	355.	781.	1.5	612.8	612.8	0.0
14524.000	330.	682.	1.7	612.8	612.8	0.0
14652.000	500.	859.	1.4	612.8	612.8	0.0
14701.000	600.	1243.	0.9	613.0	612.9	0.1
15601.000	275.	571.	2.1	613.2	613.1	0.1
15750.000	200.	527.	2.2	613.4	613.3	0.1
15800.000	300.	982.	1.2	614.7	614.7	0.0
15849.000	400.	1245.	0.9	614.7	614.7	0.0
17575.000	475.	1137.	1.0	615.3	615.2	0.1
17710.000	450.	583.	2.0	615.3	615.2	0.1
17850.000	373.	430.	2.7	615.7	615.6	0.1
18100.000	400.	702.	1.7	616.6	616.5	0.1
18575.000	250.	410.	2.9	617.5	617.4	0.1
18624.000	225.	1054.	1.1	617.9	617.9	0.0
18704.000	200.	994.	1.2	618.3	618.3	0.0
18753.000	300.	600.	2.0	618.2	618.2	0.0
19003.000	342.	470.	2.5	618.3	618.3	0.0
19077.000	330.	1484.	0.8	618.7	618.7	0.0
19235.000	250.	1169.	1.0	618.8	618.8	0.0
19384.000	250.	280.	4.2	618.7	618.7	0.0
19433.000	225.	286.	4.1	618.7	618.7	0.0
19677.000	600.	1020.	1.2	619.7	619.7	0.0
19776.000	550.	883.	1.3	619.7	619.7	0.0
19876.000	500.	600.	2.0	619.6	619.6	0.0
19925.000	475.	1491.	0.8	620.0	620.0	0.0
20033.000	425.	1556.	0.8	620.3	620.3	0.0
20082.000	400.	710.	1.7	620.2	620.2	0.0

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FLOODWAY DATA, 100-YEAR FREQU
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
20232.000	400.	535.	2.2	620.3	620.3	0.0
20281.000	375.	1080.	1.1	620.6	620.6	0.0
20385.000	500.	1334.	0.9	620.7	620.7	0.0
20434.000	475.	702.	1.7	620.7	620.7	0.0
21554.000	600.	1006.	1.2	621.5	621.5	0.0
21653.000	550.	1974.	0.6	621.6	621.6	0.0
21670.000	550.	1996.	0.6	621.6	621.6	0.0
21719.000	515.	1263.	0.9	621.6	621.6	0.0
22670.000	300.	495.	2.4	622.0	621.9	0.1
24069.000	400.	715.	1.7	624.3	624.3	0.0

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THIS RUN EXECUTED 29 OCT 84 9:15:47

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

C
T1                  CITY OF TAYLOR FLOOD INSURANCE STUDY
T2                  FRANK + POET DRAIN
T3                  100-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       2.        0.        0.  0.000000      0.00      0.0       0.   598.600     0.000

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
     1.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

J3  VARIABLE CODES FOR SUMMARY PRINTOUT
   110.000   150.000   200.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

NC     0.070     0.055     0.035     0.100     0.300     0.000     0.000     0.000     0.000     0.000
QT     2.000  1180.000  1180.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
ET     0.000     0.000     4.100   555.000   645.000     0.000     0.000     0.000     0.000     0.000
          DOWNSTREAM OF ALLEN ROAD
X1     0.000    15.000   600.000   640.000     0.000     0.000     0.000     0.000     0.000     0.000
GR   605.000     0.000   604.000   200.000   603.000   300.000   602.000   400.000   600.000   500.000
GR   596.400   600.000   591.300   616.000   589.300   619.000   588.800   624.000   588.600   627.000
GR   594.600   631.000   595.900   640.000   604.300   700.000   604.500   800.000   605.000   900.000

NC     0.700     0.055     0.027     0.300     0.500     0.000     0.000     0.000     0.000     0.000
ET     0.000     6.100     4.100   400.000   590.000   385.000   605.000     0.000     0.000     0.000
X1    49.000    13.000   400.000   441.000    49.000    49.000    49.000     0.000     0.000     0.000
GR   599.500     0.000   599.000   100.000   599.000   300.000   598.700   350.000   598.600   400.000
GR   589.700   415.000   589.900   418.000   590.200   423.000   590.100   428.000   590.300   429.000
GR   598.100   441.000   598.400   700.000   599.000   900.000     0.000     0.000     0.000     0.000

SB     0.000     2.290     2.630     0.000    14.000     0.000    78.000     0.000   589.700   589.700
ET     0.000     6.100     4.100   345.000   490.000   335.000   500.000     0.000     0.000     0.000
X1   145.000     0.000     0.000     0.000    96.000    96.000    96.000     0.000     0.000     0.000
X2     0.000     0.000     1.000   595.500   598.400     0.000     0.000     0.000     0.000     0.000
BT     4.000   400.000   599.000     0.000   415.000   598.500   595.400   429.000   598.400   595.500
BT   441.000   599.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF ALLEN ROAD									
X1	194.000	15.000	600.000	640.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	605.000	0.000	604.000	200.000	603.000	300.000	602.000	400.000	600.000	500.000
GR	596.400	600.000	591.300	616.000	589.300	619.000	588.800	624.000	588.600	627.000
GR	594.600	631.000	595.900	640.000	604.300	700.000	604.500	800.000	605.000	900.000
ET	0.000	6.100	4.100	331.000	768.000	322.000	777.000	0.000	0.000	0.000
	DOWNSTREAM OF PRIVATE ROAD									
X1	994.000	15.000	500.000	522.000	800.000	800.000	800.000	0.000	0.000	0.000
GR	602.600	0.000	601.800	100.000	601.000	200.000	600.000	300.000	597.100	400.000
GR	596.200	500.000	590.600	506.000	590.200	511.000	591.100	516.000	595.500	522.000
GR	596.500	572.000	597.000	700.000	600.000	800.000	600.200	900.000	602.000	1000.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	177.000	589.000	168.000	598.000	0.000	0.000	0.000
X1	1043.000	12.000	500.000	538.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	600.000	0.000	599.000	200.000	598.000	300.000	597.000	400.000	597.000	500.000
GR	595.200	506.000	590.500	509.000	590.000	519.000	590.400	531.000	596.800	538.000
GR	597.300	588.000	600.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	22.000	0.000	110.000	0.000	590.000	590.000
ET	0.000	6.100	4.100	182.000	585.000	174.000	594.000	0.000	0.000	0.000
X1	1062.000	0.000	0.000	0.000	19.000	19.000	19.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	595.400	596.800	0.000	0.000	0.000	0.000	0.000
BT	10.000	0.000	600.000	0.000	200.000	599.000	0.000	300.000	598.000	0.000
BT	400.000	597.000	0.000	500.000	597.000	0.000	509.000	596.900	595.400	531.000
BT	596.800	595.100	538.000	596.800	0.000	588.000	597.300	0.000	700.000	600.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	362.000	740.000	353.000	748.000	0.000	0.000	0.000
	UPSTREAM OF PRIVATE ROAD									
	DOWNSTREAM OF PRIVATE ROAD									
X1	1111.000	15.000	500.000	522.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	602.600	0.000	601.800	100.000	601.000	200.000	600.000	300.000	597.100	400.000
GR	596.200	500.000	590.600	506.000	590.200	511.000	591.100	516.000	595.500	522.000
GR	596.500	572.000	597.000	700.000	600.000	800.000	600.200	900.000	602.000	1000.000
ET	0.000	6.100	4.100	362.000	740.000	353.000	748.000	0.000	0.000	0.000
X1	1112.000	16.000	500.000	527.000	1.000	1.000	1.000	0.000	0.000	0.000
GR	602.600	0.000	601.800	100.000	601.000	200.000	600.000	300.000	597.100	400.000
GR	596.700	500.000	595.300	507.000	590.300	510.000	589.700	515.000	590.400	520.000
GR	595.500	523.000	597.000	527.000	597.000	700.000	600.000	800.000	600.200	900.000
GR	602.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	229.000	579.000	200.000	570.000	0.000	0.000	0.000

X1	1160.000	14.000	400.000	440.000	48.000	48.000	48.000	0.000	0.000	0.000
GR	601.000	0.000	600.000	200.000	598.000	300.000	596.800	400.000	595.300	407.000
GR	591.500	411.000	590.400	420.000	590.600	429.000	591.700	432.000	596.700	440.000
GR	596.800	490.000	600.000	600.000	601.800	700.000	602.000	800.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	18.000	0.000	95.000	0.000	590.400	590.400
ET	0.000	6.100	4.100	231.000	576.000	200.000	570.000	0.000	0.000	0.000
X1	1173.000	0.000	0.000	0.000	13.000	13.000	13.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	596.000	596.700	0.000	0.000	0.000	0.000	0.000
BT	11.000	0.000	601.000	0.000	200.000	600.000	0.000	300.000	598.000	0.000
BT	400.000	596.800	0.000	411.000	596.700	596.000	429.000	596.700	596.000	440.000
BT	596.700	0.000	490.000	596.800	0.000	600.000	600.000	0.000	700.000	601.800
BT	0.000	800.000	602.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	325.000	775.000	315.000	785.000	0.000	0.000	0.000

UPSTREAM OF PRIVATE ROAD

X1	1222.000	16.000	500.000	527.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	602.600	0.000	601.800	100.000	601.000	200.000	600.000	300.000	597.100	400.000
GR	596.700	500.000	595.300	507.000	590.300	510.000	589.700	515.000	590.400	520.000
GR	595.500	523.000	597.000	527.000	597.000	700.000	600.000	800.000	600.200	900.000
GR	602.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	215.000	635.000	205.000	645.000	0.000	0.000	0.000

DOWNSTREAM OF JACKSON RD.

X1	1282.000	14.000	500.000	516.000	60.000	60.000	60.000	0.000	0.000	0.000
GR	603.000	0.000	601.000	100.000	599.000	200.000	598.000	300.000	597.000	400.000
GR	596.600	450.000	594.800	500.000	590.700	501.000	590.000	508.000	591.200	515.000
GR	595.700	516.000	596.900	566.000	598.000	600.000	600.000	700.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	236.000	632.000	227.000	641.000	0.000	0.000	0.000
X1	1331.000	19.000	400.000	427.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	602.000	0.000	600.000	100.000	597.800	200.000	596.900	300.000	596.900	400.000
GR	591.000	406.000	589.400	407.000	588.800	409.000	588.700	410.000	588.500	412.000
GR	588.600	414.000	588.800	416.000	589.200	417.000	591.000	418.000	591.500	422.000
GR	597.100	427.000	597.600	477.000	598.400	527.000	600.000	800.000	0.000	0.000
SB	0.000	1.780	2.630	0.000	12.000	0.000	74.000	0.000	588.500	588.500
ET	0.000	6.100	4.100	250.000	625.000	238.000	631.000	0.000	0.000	0.000
X1	1373.000	0.000	0.000	0.000	42.000	42.000	42.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	596.500	596.900	0.000	0.000	0.000	0.000	0.000
BT	19.000	0.000	602.000	0.000	100.000	600.000	0.000	200.000	597.800	0.000
BT	300.000	596.900	0.000	400.000	596.900	0.000	406.000	597.000	591.000	407.000
BT	597.000	593.900	409.000	597.100	595.700	410.000	597.100	596.200	412.000	597.100
BT	596.500	414.000	597.100	596.200	416.000	597.100	595.000	417.000	597.100	593.600
BT	418.000	597.100	591.000	422.000	597.100	0.000	427.000	597.100	0.000	477.000
ET	597.600	0.000	527.000	598.400	0.000	800.000	600.000	0.000	0.000	0.000

NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	250.000	600.000	241.000	609.000	0.000	0.000	0.000
	UPSTREAM OF JACKSON RD.									
X1	1422.000	14.000	500.000	516.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	603.000	0.000	601.000	100.000	599.000	200.000	598.000	300.000	597.000	400.000
GR	596.600	450.000	594.800	500.000	590.700	501.000	590.000	508.000	591.200	515.000
GR	595.700	516.000	596.900	566.000	598.000	600.000	600.000	700.000	0.000	0.000
ET	0.000	4.100	4.100	470.000	557.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF D.T.I.RR.									
X1	2022.000	16.000	500.000	541.000	600.000	600.000	600.000	0.000	0.000	0.000
GR	603.100	0.000	602.600	100.000	602.500	200.000	602.300	300.000	602.000	400.000
GR	601.400	450.000	599.100	500.000	592.100	513.000	591.300	518.000	591.200	523.000
GR	592.100	528.000	595.600	531.000	599.100	541.000	602.900	600.000	603.800	700.000
GR	603.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	500.000	573.000	0.000	0.000	0.000	0.000	0.000
X1	2071.000	20.000	500.000	573.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	610.000	0.000	609.000	200.000	609.000	400.000	609.900	450.000	608.700	500.000
GR	605.500	500.000	592.100	524.000	592.000	525.000	591.800	529.000	591.800	534.000
GR	592.400	539.000	592.200	541.000	592.000	544.000	591.900	549.000	592.600	554.000
GR	593.100	555.000	603.800	573.000	608.500	573.000	608.000	700.000	607.300	800.000
SB	0.950	1.830	2.630	0.000	30.000	2.000	207.000	0.000	591.800	591.800
ET	0.000	0.000	4.110	500.000	573.000	0.000	0.000	0.000	0.000	0.000
X1	2133.000	0.000	0.000	0.000	62.000	62.000	62.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	599.500	608.500	0.000	0.000	0.000	0.000	0.000
BT	14.000	0.000	610.000	0.000	200.000	609.000	0.000	400.000	609.000	0.000
BT	500.000	608.700	605.500	525.000	608.700	592.000	525.000	608.700	599.400	539.000
BT	608.700	599.400	539.000	608.700	592.400	541.000	608.700	592.200	541.000	608.700
BT	599.500	555.000	608.600	599.500	555.000	608.600	593.100	573.000	608.500	603.800
BT	700.000	608.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	360.000	550.000	354.000	560.000	0.000	0.000	0.000
	UPSTREAM OF D.T.I.RR.									
X1	2282.000	16.000	500.000	541.000	149.000	149.000	149.000	0.000	0.000	0.000
GR	603.100	0.000	602.600	100.000	602.500	200.000	602.300	300.000	602.000	400.000
GR	601.400	450.000	599.100	500.000	592.100	513.000	591.300	518.000	591.200	523.000
GR	592.100	528.000	595.600	531.000	599.100	541.000	602.900	600.000	603.800	700.000
GR	603.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	290.000	353.000	288.000	354.000	0.000	0.000	0.000
	DOWNSTREAM OF HURON RD.									
X1	2562.000	14.000	300.000	342.000	280.000	280.000	280.000	0.000	0.000	0.000
GR	603.000	0.000	602.500	100.000	602.200	200.000	602.200	250.000	602.700	300.000
GR	596.000	316.000	592.200	320.000	591.700	325.000	592.100	331.000	596.500	334.000
GR	601.400	342.000	602.400	400.000	603.000	600.000	603.500	800.000	0.000	0.000

ET	0.000	6.100	4.100	300.000	340.000	300.000	342.000	0.000	0.000	0.000
X1	2611.000	23.000	300.000	342.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	602.500	0.000	602.600	250.000	602.700	300.000	594.500	312.000	592.300	313.000
GR	592.200	315.000	592.200	318.000	592.200	320.000	592.200	322.000	592.300	323.000
GR	594.500	324.000	594.500	327.000	592.800	328.000	592.000	330.000	592.100	333.000
GR	592.100	335.000	592.100	337.000	592.100	338.000	594.500	339.000	602.700	342.000
GR	602.700	392.000	603.300	600.000	603.300	800.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	300.000	340.000	0.000	0.000	0.000	0.000	0.000
X1	2613.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	23.000	0.000	602.500	0.000	250.000	602.600	0.000	300.000	602.300	0.000
BT	312.000	602.500	594.500	313.000	602.500	597.000	315.000	602.500	598.700	318.000
BT	602.500	599.400	320.000	602.600	599.000	322.000	602.600	598.000	323.000	602.600
BT	597.000	324.000	602.600	594.500	327.000	602.600	594.500	328.000	602.600	597.000
BT	330.000	602.700	598.700	333.000	602.700	599.500	335.000	602.700	599.200	337.000
BT	602.700	598.000	338.000	602.700	597.000	339.000	602.700	594.500	342.000	602.700
BT	0.000	392.000	602.700	0.000	600.000	603.300	0.000	800.000	603.300	0.000
ET	0.000	6.100	4.100	300.000	340.000	300.000	342.000	0.000	0.000	0.000
X1	2649.000	0.000	0.000	0.000	36.000	36.000	36.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	599.500	602.600	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	4.100	300.000	342.000	0.000	0.000	0.000	0.000	0.000
X1	2651.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	4.100	4.100	286.000	356.000	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF HURON RD.

X1	2700.000	14.000	300.000	342.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	603.000	0.000	602.500	100.000	602.200	200.000	602.200	250.000	602.400	300.000
GR	596.000	316.000	592.200	320.000	591.700	325.000	592.100	331.000	596.500	334.000
GR	601.400	342.000	602.400	400.000	603.000	600.000	603.500	800.000	0.000	0.000
ET	0.000	4.100	4.100	480.000	550.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF I-75 EXIT RAMP

X1	3800.000	18.000	500.000	542.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
GR	606.000	0.000	602.000	100.000	602.600	200.000	600.100	300.000	600.000	400.000
GR	598.000	500.000	596.100	502.000	594.900	507.000	594.200	512.000	593.700	517.000
GR	593.000	522.000	593.500	527.000	596.800	538.000	598.600	542.000	598.500	608.000
GR	600.000	800.000	602.000	900.000	603.000	1000.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	500.000	546.000	0.000	0.000	0.000	0.000	0.000
X1	3849.000	20.000	500.000	546.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	619.500	0.000	617.000	100.000	615.000	300.000	610.000	400.000	606.100	450.000
GR	606.100	500.000	597.800	500.000	594.900	507.000	594.100	509.000	593.900	514.000
GR	594.100	519.500	594.100	520.500	594.200	524.000	594.400	529.000	594.800	532.000
GR	595.000	533.000	599.000	546.000	606.100	546.000	606.400	596.000	607.000	800.000

NC	0.070	0.070	0.015	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	500.000	546.000	0.000	0.000	0.000	0.000	0.000
X1	3851.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	16.000	0.000	619.500	0.000	100.000	617.000	0.000	300.000	615.000	0.000
BT	400.000	610.000	0.000	450.000	606.100	0.000	500.000	606.100	597.800	507.000
BT	606.100	594.900	507.000	606.100	602.100	519.500	606.100	602.100	519.500	606.100
BT	594.100	520.500	606.100	594.100	520.500	606.100	602.000	533.000	606.100	602.000
BT	533.000	606.100	595.000	546.000	606.100	599.000	596.000	606.400	0.000	0.000
ET	0.000	0.000	4.110	500.000	546.000	0.000	0.000	0.000	0.000	0.000
X1	3893.000	0.000	0.000	0.000	42.000	42.000	42.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	602.100	606.100	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.015	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	3895.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	4.100	4.100	488.000	553.000	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF I-75 EXIT RAMP
DOWNSTREAM OF N+S BOUND I-75

X1	3929.000	18.000	500.000	542.000	34.000	34.000	34.000	0.000	0.000	0.000
GR	606.000	0.000	602.000	100.000	602.600	200.000	600.100	300.000	600.000	400.000
GR	598.000	500.000	596.100	502.000	594.900	507.000	594.200	512.000	593.700	517.000
GR	593.000	522.000	593.500	527.000	596.800	538.000	598.600	542.000	598.500	608.000
GR	600.000	800.000	602.000	900.000	603.000	1000.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	400.000	439.000	0.000	0.000	0.000	0.000	0.000
X1	3978.000	21.000	400.000	439.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	622.000	0.000	619.500	100.000	617.000	200.000	614.800	300.000	613.700	350.000
GR	613.300	400.000	599.900	400.000	597.900	405.000	596.100	407.000	594.400	409.000
GR	593.800	418.000	593.700	419.000	593.800	424.000	593.900	428.000	596.700	430.000
GR	598.800	439.000	612.300	439.000	617.300	500.000	610.100	600.000	609.000	700.000
GR	608.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.950	2.600	2.630	0.000	22.000	1.000	177.000	0.000	594.000	594.000
ET	0.000	0.000	4.110	400.000	439.000	0.000	0.000	0.000	0.000	0.000
X1	4200.000	0.000	0.000	0.000	222.000	222.000	222.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	602.200	612.300	0.000	0.000	0.000	0.000	0.000
BT	14.000	0.000	622.000	0.000	200.000	617.000	0.000	300.000	614.800	0.000
ET	400.000	613.300	599.900	407.000	613.100	596.100	407.000	613.100	602.200	418.000
BT	612.800	602.200	418.000	612.800	593.800	419.000	612.800	593.700	419.000	612.800
ET	602.200	430.000	612.500	602.200	430.000	612.500	596.700	439.000	612.300	598.800
BT	500.000	617.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	450.000	580.000	450.000	587.000	0.000	0.000	0.000

UPSTREAM OF N+S BOUND I-75

X1	4249.000	18.000	500.000	542.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.000	0.000	602.000	100.000	602.600	200.000	600.100	300.000	600.000	400.000
GR	598.000	500.000	596.100	502.000	594.900	507.000	594.200	512.000	593.700	517.000
GR	593.000	522.000	593.500	527.000	596.800	538.000	598.600	542.000	598.500	608.000
GR	600.000	800.000	602.000	900.000	603.000	1000.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

ET	0.000	6.100	4.100	225.000	625.000	170.000	675.000	0.000	0.000	0.000
	DOWNSTREAM OF SEAWAY ROAD									
X1	4749.000	17.000	500.000	540.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	602.000	0.000	601.000	400.000	601.600	450.000	598.900	500.000	598.100	507.000
GR	594.500	511.000	594.000	516.000	593.700	521.000	594.600	525.000	598.100	530.000
GR	599.700	540.000	603.600	600.000	603.700	638.000	603.400	700.000	604.500	800.000
GR	605.000	900.000	605.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	245.000	620.000	185.000	665.000	0.000	0.000	0.000
X1	4798.000	39.000	400.000	444.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	605.000	0.000	604.500	100.000	603.400	200.000	602.800	300.000	602.700	350.000
GR	603.000	400.000	596.000	405.500	594.800	406.000	594.500	407.000	594.300	408.000
GR	594.200	410.000	594.300	412.000	594.500	413.000	594.800	414.000	596.000	414.500
GR	596.000	415.500	595.000	416.000	594.700	417.000	494.500	418.000	594.300	420.000
GR	594.500	422.000	594.700	423.000	595.000	424.000	596.000	424.500	596.000	425.500
GR	595.000	426.000	594.700	427.000	594.500	428.000	594.500	429.000	594.400	430.000
GR	594.500	431.000	594.600	432.000	594.800	433.000	595.000	434.000	596.000	434.500
GR	603.400	444.000	603.900	494.000	603.000	600.000	602.000	800.000	0.000	0.000
SB	0.000	1.620	2.630	0.000	29.000	0.000	146.000	0.000	594.200	594.200
ET	0.000	6.100	4.100	255.000	605.000	200.000	650.000	0.000	0.000	0.000
X1	4855.000	0.000	0.000	0.000	57.000	57.000	57.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.700	603.000	0.000	0.000	0.000	0.000	0.000
BT	39.000	0.000	605.000	0.000	100.000	604.500	0.000	200.000	603.400	0.000
BT	300.000	602.800	0.000	350.000	602.700	0.000	400.000	603.000	0.000	405.500
BT	603.000	596.000	406.000	603.000	593.000	407.000	603.000	599.400	408.000	603.000
BT	600.000	410.000	603.100	600.600	412.000	603.100	600.100	413.000	603.100	599.500
BT	414.000	603.100	598.300	414.500	603.200	596.000	415.500	603.200	596.000	416.000
BT	603.200	598.400	417.000	603.200	599.600	418.000	603.200	600.300	420.000	603.200
BT	600.700	422.000	603.200	600.300	423.000	603.200	599.500	424.000	603.200	598.100
BT	424.500	603.200	596.000	425.500	603.200	596.000	426.000	603.200	598.200	427.000
BT	603.200	599.500	428.000	603.300	600.200	429.000	603.300	600.600	430.000	603.300
BT	600.700	431.000	603.300	600.500	432.000	603.300	600.300	433.000	603.300	599.600
BT	434.000	603.300	598.200	434.500	603.400	596.000	444.000	603.400	0.000	494.000
BT	603.900	0.000	600.000	603.000	0.000	800.000	602.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	275.000	600.000	215.000	640.000	0.000	0.000	0.000
	UPSTREAM OF SEAWAY ROAD									
X1	4904.000	17.000	500.000	540.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	602.000	0.000	601.000	400.000	601.600	450.000	598.900	500.000	598.100	507.000
GR	594.500	511.000	594.000	516.000	593.700	521.000	594.600	525.000	598.100	530.000
GR	599.700	540.000	603.600	600.000	603.700	638.000	603.400	700.000	604.500	800.000
GR	605.000	900.000	605.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	478.000	551.000	477.000	552.000	0.000	0.000	0.000
	DOWNSTREAM OF R.R.BRIDGE									
X1	5604.000	17.000	500.000	528.000	700.000	700.000	700.000	0.000	0.000	0.000
GR	604.000	0.000	604.000	100.000	602.000	200.000	602.300	300.000	602.000	400.000
GR	600.800	450.000	600.300	500.000	598.600	504.000	595.900	505.000	595.600	510.000
GR	594.900	515.000	595.500	520.000	598.700	522.000	600.300	528.000	604.000	700.000
GR	608.200	800.000	609.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

NC	0.070	0.070	0.017	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	400.000	442.000	0.000	0.000	0.000	0.000	0.000
X1	5668.000	17.000	400.000	442.000	64.000	64.000	64.000	0.000	0.000	0.000
GR	611.400	0.000	610.000	100.000	610.000	300.000	610.700	350.000	610.600	400.000
GR	601.300	400.000	599.700	410.000	597.700	414.500	597.200	415.500	595.600	419.000
GR	595.300	425.000	595.800	429.000	596.000	430.000	602.500	442.000	610.600	442.000
GR	609.000	600.000	609.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.950	1.560	2.630	0.000	14.500	2.000	402.000	2.000	595.300	595.300
ET	0.000	0.000	4.110	400.000	442.000	0.000	0.000	0.000	0.000	0.000
X1	5684.000	0.000	0.000	0.000	16.000	16.000	16.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	607.600	610.600	0.000	0.000	0.000	0.000	0.000
BT	12.000	0.000	611.400	0.000	400.000	610.600	601.300	414.500	610.700	607.600
BT	414.500	610.700	597.700	415.500	610.700	597.200	415.500	610.700	607.600	429.000
BT	610.700	607.600	429.000	610.700	595.800	430.000	610.700	596.000	430.000	610.700
BT	607.600	442.000	610.600	607.600	600.000	609.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.017	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	4.100	440.000	582.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF R.R.BRIDGE									
X1	5733.000	17.000	500.000	528.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.000	0.000	604.000	100.000	602.000	200.000	602.300	300.000	602.000	400.000
GR	600.800	450.000	600.300	500.000	598.600	504.000	595.900	505.000	595.600	510.000
GR	594.900	515.000	595.500	520.000	598.700	522.000	600.300	528.000	604.000	700.000
GR	608.200	800.000	609.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	390.000	640.000	340.000	682.000	0.000	0.000	0.000
	DOWNSTREAM OF EURIKA ROAD									
X1	5833.000	15.000	500.000	539.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	604.100	0.000	603.700	100.000	603.400	200.000	603.000	300.000	602.000	400.000
GR	602.800	450.000	603.300	500.000	596.300	514.000	595.500	519.000	595.700	524.000
GR	596.400	530.000	599.400	531.000	602.600	539.000	603.000	700.000	604.000	900.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	300.000	650.000	100.000	522.000	0.000	0.000	0.000
X1	5882.000	15.000	300.000	366.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.000	0.000	603.500	100.000	602.900	200.000	602.900	300.000	597.700	314.000
GR	596.500	317.000	596.500	332.000	596.500	350.000	596.500	351.000	598.900	355.000
GR	603.500	366.000	603.100	400.000	602.000	500.000	599.000	600.000	596.500	700.000
SB	0.000	2.630	2.630	0.000	36.000	0.000	125.000	0.000	596.000	596.000
ET	0.000	6.100	4.100	70.000	620.000	35.000	650.000	0.000	0.000	0.000
X1	5984.000	0.000	0.000	0.000	102.000	102.000	102.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.200	602.900	0.000	0.000	0.000	0.000	0.000
BT	8.000	0.000	604.000	0.000	100.000	603.500	0.000	200.000	602.900	0.000
BT	300.000	602.900	0.000	314.000	602.900	599.900	350.000	603.000	600.200	366.000
BT	603.500	0.000	400.000	603.100	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	185.000	710.000	150.000	740.000	0.000	0.000	0.000
	UPSTREAM OF EURIKA ROAD									
X1	6033.000	15.000	500.000	539.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.100	0.000	603.700	100.000	603.400	200.000	603.000	300.000	602.000	400.000
GR	602.800	450.000	603.300	500.000	596.300	514.000	595.500	519.000	595.700	524.000
GR	596.400	530.000	599.400	531.000	602.600	539.000	603.000	700.000	604.000	900.000
ET	0.000	6.100	4.100	375.000	675.000	355.000	695.000	0.000	0.000	0.000
	DOWNSTREAM OF RACHO ROAD									
X1	6533.000	15.000	500.000	529.000	500.000	500.000	500.000	0.000	0.000	0.000
GR	607.800	0.000	607.800	100.000	606.400	200.000	604.200	300.000	601.600	400.000
GR	601.400	450.000	601.500	500.000	595.200	508.000	595.200	510.000	595.200	518.000
GR	597.400	522.000	601.300	529.000	601.000	579.000	601.800	700.000	603.500	800.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	160.000	435.000	140.000	455.000	0.000	0.000	0.000
X1	6582.000	18.000	300.000	333.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.200	0.000	603.600	100.000	603.000	200.000	604.300	250.000	604.500	300.000
GR	596.500	312.000	595.700	313.000	595.500	314.000	595.300	315.000	595.200	317.000
GR	595.300	319.000	595.500	320.000	595.700	321.000	596.500	322.000	604.500	333.000
GR	604.000	383.000	602.000	500.000	603.000	600.000	0.000	0.000	0.000	0.000
SB	0.000	2.410	2.630	0.000	10.000	0.000	51.000	0.000	595.200	595.200
ET	0.000	6.100	4.100	190.000	415.000	170.000	430.000	0.000	0.000	0.000
X1	6690.000	0.000	0.000	0.000	108.000	108.000	108.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	601.600	604.500	0.000	0.000	0.000	0.000	0.000
BT	18.000	0.000	604.200	0.000	100.000	603.600	0.000	200.000	603.000	0.000
BT	250.000	604.300	0.000	300.000	604.500	0.000	312.000	604.600	596.500	313.000
BT	604.600	599.700	314.000	604.600	600.700	315.000	604.600	601.300	317.000	604.600
BT	601.600	319.000	604.600	595.300	320.000	604.600	600.600	321.000	604.600	599.600
BT	322.000	604.600	596.500	333.000	604.500	0.000	383.000	604.000	0.000	500.000
BT	602.000	0.000	600.000	603.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	425.000	625.000	407.000	643.000	0.000	0.000	0.000
	UPSTREAM OF RACHO ROAD									
X1	6739.000	15.000	500.000	529.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	607.800	0.000	607.800	100.000	606.400	200.000	604.200	300.000	601.600	400.000
GR	601.400	450.000	601.500	500.000	595.200	508.000	595.200	510.000	595.200	518.000
GR	597.400	522.000	601.300	529.000	601.000	579.000	601.800	700.000	603.500	800.000
ET	0.000	6.100	4.100	485.000	560.000	480.000	560.000	0.000	0.000	0.000
	DOWNSTREAM OF DRIVE TO SHOPPING CENTER									
X1	7439.000	17.000	500.000	534.000	300.000	300.000	300.000	0.000	0.000	0.000
GR	608.200	0.000	608.500	100.000	608.500	200.000	608.500	300.000	606.400	400.000
GR	606.400	450.000	605.200	500.000	601.300	510.000	596.500	513.000	595.900	516.000
GR	595.700	521.000	596.700	525.000	601.100	527.000	603.600	534.000	607.500	700.000
GR	608.200	900.000	608.200	1000.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.050	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	203.130	253.660	0.000	0.000	0.000	0.000	0.000
X1	7488.000	32.000	200.000	256.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.800	0.000	606.400	100.000	607.000	150.000	607.500	200.000	597.500	214.500
GR	597.400	215.000	597.300	217.000	597.300	219.000	597.300	221.000	597.400	223.000
GR	597.500	223.500	597.500	226.500	597.400	227.000	597.300	228.000	597.300	229.000
GR	597.300	231.000	597.300	233.000	597.300	234.000	597.400	235.000	597.500	235.500
GR	597.500	237.500	597.500	238.000	597.500	239.000	597.500	240.000	597.500	242.000
GR	597.500	244.000	597.500	245.000	597.500	246.000	597.500	246.500	607.900	256.000
GR	607.900	300.000	608.500	600.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.710	2.630	0.000	32.000	0.000	107.000	0.000	597.300	597.300
ET	0.000	6.100	4.100	160.000	385.000	150.000	386.000	0.000	0.000	0.000
X1	7580.000	0.000	0.000	0.000	92.000	92.000	92.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	602.200	607.500	0.000	0.000	0.000	0.000	0.000
BT	27.000	200.000	608.000	0.000	214.500	607.600	597.500	215.000	607.600	599.700
BT	217.000	607.600	601.700	219.000	607.600	602.200	221.000	607.600	601.700	223.000
BT	607.700	599.700	223.500	607.700	597.500	226.500	607.700	597.500	227.000	607.700
BT	599.500	228.000	607.700	600.900	229.000	607.700	601.600	231.000	607.700	602.100
BT	233.000	607.700	601.600	234.000	607.700	601.000	235.000	607.700	599.600	235.500
BT	607.700	597.500	237.500	607.700	597.500	238.000	607.700	599.600	239.000	607.700
BT	601.000	240.000	607.700	601.600	242.000	607.700	602.200	244.000	607.800	601.600
BT	245.000	607.800	601.000	246.000	607.800	599.600	246.500	607.800	597.500	256.000
BT	608.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	423.000	623.000	402.000	645.000	0.000	0.000	0.000

UPSTREAM OF DRIVE TO SHOPPING CENTER

X1	7629.000	17.000	500.000	534.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	608.200	0.000	608.500	100.000	608.500	200.000	608.500	300.000	606.400	400.000
GR	606.400	450.000	605.200	500.000	601.300	510.000	596.500	513.000	595.900	516.000
GR	595.700	521.000	596.700	525.000	601.100	527.000	603.600	534.000	607.500	700.000
GR	608.200	900.000	608.200	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	470.000	572.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF SHOPPING CENTER DRIVE

X1	8001.000	16.000	500.000	543.000	372.000	372.000	372.000	0.000	0.000	0.000
GR	610.000	0.000	609.800	200.000	609.000	300.000	608.300	400.000	608.000	450.000
GR	607.800	480.000	605.700	500.000	598.800	510.000	596.000	514.000	596.000	524.000
GR	597.400	526.000	600.000	530.000	608.400	543.000	608.800	593.000	610.500	700.000
GR	611.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	380.000	480.000	290.000	545.000	0.000	0.000	0.000
X1	8050.000	29.000	400.000	458.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	610.300	0.000	609.800	100.000	609.000	200.000	608.300	300.000	608.300	350.000
GR	608.500	400.000	598.500	414.000	596.600	415.000	596.200	418.000	596.500	420.000
GR	596.700	421.000	598.500	422.000	598.500	424.000	596.600	425.000	596.400	427.000
GR	596.300	428.000	596.500	430.000	596.800	431.000	598.500	432.000	598.500	434.000
GR	597.000	435.000	596.500	437.000	596.600	440.000	596.800	441.000	598.500	442.000
GR	609.100	458.000	609.600	508.000	608.000	600.000	608.000	700.000	0.000	0.000

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SB	0.000	1.770	2.630	0.000	28.000	0.000	130.000	0.000	596.200	596.200
ET	0.000	6.100	4.100	400.000	600.000	280.000	560.000	0.000	0.000	0.000
X1	8163.000	0.000	0.000	0.000	113.000	113.000	113.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	602.800	608.500	0.000	0.000	0.000	0.000	0.000
BT	29.000	0.000	610.300	0.000	100.000	609.800	0.000	200.000	609.000	0.000
BT	300.000	608.300	0.000	400.000	608.500	0.000	414.000	608.600	598.500	415.000
BT	608.600	601.400	418.000	608.600	602.600	420.000	608.600	602.200	421.000	608.700
BT	601.400	422.000	608.700	598.500	424.000	608.700	598.500	425.000	608.700	601.400
BT	427.000	608.700	602.600	428.000	608.700	602.700	430.000	608.700	602.200	431.000
BT	608.700	601.400	432.000	608.700	598.500	434.000	608.700	598.500	435.000	608.800
BT	601.500	437.000	608.800	602.600	438.000	608.800	602.800	440.000	608.900	602.300
BT	441.000	609.000	601.400	442.000	609.000	598.500	458.000	609.100	0.000	508.000
BT	609.600	0.000	600.000	608.000	0.000	700.000	608.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	352.000	570.000	334.000	589.000	0.000	0.000	0.000

UPSTREAM OF SHOPPING CENTER DRIVE

X1	8212.000	16.000	500.000	543.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	610.000	0.000	609.800	200.000	609.000	300.000	608.300	400.000	608.000	450.000
GR	607.800	480.000	605.700	500.000	598.800	510.000	596.000	514.000	596.000	524.000
GR	597.400	526.000	600.000	530.000	608.400	543.000	608.800	593.000	610.500	700.000
GR	611.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	340.000	500.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF SHOPPING CENTER DRIVE

X1	8537.000	15.000	400.000	442.000	325.000	325.000	325.000	0.000	0.000	0.000
GR	611.300	0.000	610.400	100.000	609.500	200.000	609.000	300.000	608.200	350.000
GR	607.400	400.000	601.700	409.000	598.800	409.000	597.600	417.000	599.100	424.000
GR	601.300	424.000	609.000	442.000	610.100	492.000	610.500	600.000	611.000	800.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	230.000	380.000	188.000	448.000	0.000	0.000	0.000
X1	8586.000	30.000	300.000	357.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.000	0.000	610.200	100.000	609.000	200.000	608.600	250.000	608.600	300.000
GR	600.000	315.500	598.800	316.000	598.400	318.000	598.200	320.000	598.400	322.000
GR	599.000	324.000	600.000	324.500	600.000	325.500	599.000	326.000	598.400	328.000
GR	598.200	330.000	598.400	332.000	599.000	334.000	600.000	334.500	600.000	335.500
GR	599.200	336.000	598.500	338.000	598.400	340.000	598.500	342.000	599.200	344.000
GR	600.000	344.500	609.100	357.000	609.000	407.000	610.000	600.000	612.000	700.000
SB	0.000	1.720	2.630	0.000	29.000	0.000	125.000	0.000	598.200	598.200
ET	0.000	6.100	4.100	275.000	400.000	186.000	486.000	0.000	0.000	0.000
X1	8683.000	0.000	0.000	0.000	97.000	97.000	97.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	604.600	608.600	0.000	0.000	0.000	0.000	0.000
BT	29.000	0.000	611.000	0.000	100.000	610.200	0.000	200.000	609.000	0.000
BT	300.000	608.600	0.000	315.500	608.800	600.000	316.000	608.800	601.500	318.000
BT	608.800	603.600	320.000	608.800	604.100	322.000	608.900	603.600	324.000	608.900
BT	601.500	324.500	608.900	600.000	325.500	608.900	600.000	326.000	608.900	601.600
BT	328.000	608.900	603.800	330.000	608.900	604.200	332.000	609.000	603.800	334.000
BT	609.000	601.800	334.500	609.000	600.000	335.500	609.000	600.000	336.000	609.000
BT	602.000	338.000	609.000	604.000	340.000	609.000	604.600	342.000	609.000	604.000
BT	344.000	609.000	602.000	344.500	609.000	600.000	357.000	609.100	0.000	407.000
BT	609.000	0.000	600.000	610.000	0.000	700.000	612.000	0.000	0.000	0.000

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NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF SHOPPING CENTER DR.									
X1	8732.000	15.000	400.000	442.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.300	0.000	610.400	100.000	609.500	200.000	609.000	300.000	608.200	350.000
GR	607.400	400.000	601.700	409.000	598.800	409.000	597.600	417.000	599.100	424.000
GR	601.300	424.000	609.000	442.000	610.100	492.000	610.500	600.000	611.000	800.000
ET	0.000	0.000	4.100	290.000	565.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF SHOPPING CENTER DRIVE									
X1	9057.000	15.000	400.000	450.000	325.000	325.000	325.000	0.000	0.000	0.000
GR	611.800	0.000	611.000	100.000	609.800	200.000	608.000	300.000	607.300	350.000
GR	606.700	400.000	601.800	412.000	598.200	416.000	597.800	421.000	597.800	426.000
GR	597.900	431.000	598.000	437.000	603.300	450.000	607.000	500.000	607.500	600.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	215.000	590.000	110.000	600.000	0.000	0.000	0.000
X1	9106.000	30.000	300.000	350.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.000	0.000	610.000	100.000	608.300	200.000	607.500	250.000	607.900	300.000
GR	600.500	310.500	599.300	311.000	598.800	313.000	598.600	315.000	598.800	317.000
GR	599.300	319.000	600.500	319.500	600.500	320.500	599.100	321.000	598.600	323.000
GR	598.500	325.000	598.600	327.000	599.100	329.000	600.500	329.500	600.500	331.500
GR	599.300	332.000	598.700	334.000	598.500	336.000	598.700	338.000	599.500	340.000
GR	600.500	340.500	607.400	350.000	606.600	375.000	605.000	500.000	606.000	600.000
SB	0.000	1.700	2.630	0.000	30.000	0.000	126.000	0.000	598.500	598.500
ET	0.000	6.100	4.100	240.000	565.000	135.000	575.000	0.000	0.000	0.000
X1	9201.000	0.000	0.000	0.000	95.000	95.000	95.000	0.000	0.000	.0.000
X2	0.000	0.000	1.000	604.600	607.400	0.000	0.000	0.000	0.000	0.000
BT	29.000	0.000	611.000	0.000	100.000	610.000	0.000	200.000	608.300	0.000
BT	300.000	607.900	0.000	310.500	607.800	600.500	311.000	607.800	602.200	313.000
BT	607.800	604.200	315.000	607.800	604.600	317.000	607.800	604.100	319.000	607.700
BT	602.000	319.500	607.700	600.500	320.500	607.700	600.500	321.000	607.700	602.000
BT	323.000	607.700	604.000	325.000	607.700	604.400	327.000	607.700	604.000	329.000
BT	607.700	602.000	329.500	607.700	600.500	331.500	607.600	600.500	332.000	607.600
BT	602.000	334.000	607.600	604.000	336.000	607.500	604.500	338.000	607.500	604.000
BT	340.000	607.500	602.000	340.500	607.500	600.500	350.000	607.400	0.000	375.000
BT	606.600	0.000	500.000	605.000	0.000	600.000	606.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	245.000	545.000	190.000	605.000	0.000	0.000	0.000
	UPSTREAM OF SHOPPING CENTER DRIVE									
X1	9250.000	15.000	400.000	450.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.800	0.000	611.000	100.000	609.800	200.000	608.000	300.000	607.300	350.000
GR	606.800	400.000	601.800	412.000	598.200	416.000	597.800	421.000	597.800	426.000
GR	597.900	431.000	598.000	437.000	603.300	450.000	607.000	500.000	607.500	600.000
ET	0.000	6.100	4.100	100.000	710.000	35.000	770.000	0.000	0.000	0.000

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DOWNSTREAM OF NEW PARDEE ROAD

X1	9607.000	15.000	500.000	538.000	357.000	357.000	357.000	0.000	0.000	0.000
GR	609.900	0.000	609.000	100.000	607.800	200.000	607.800	300.000	607.000	400.000
GR	606.900	450.000	605.700	500.000	601.500	513.000	599.500	514.000	598.700	521.000
GR	599.500	528.000	600.600	528.000	605.700	538.000	605.500	600.000	606.000	800.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	25.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	9676.000	27.000	400.000	449.000	69.000	69.000	69.000	0.000	0.000	0.000
GR	608.500	0.000	608.000	100.000	607.000	200.000	606.000	300.000	605.800	350.000
GR	605.500	400.000	604.700	405.000	600.000	409.500	599.300	410.000	599.000	411.000
GR	599.000	414.000	599.000	416.000	599.000	418.000	599.200	421.000	600.000	422.000
GR	600.000	424.000	599.000	425.000	599.000	428.000	599.000	430.000	599.000	432.000
GR	599.200	435.000	599.400	436.000	600.000	436.500	605.300	449.000	604.400	510.000
GR	605.800	600.000	606.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.900	2.630	0.000	27.000	0.000	95.000	0.000	599.000	599.000
ET	0.000	0.000	4.110	25.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	9676.000	0.000	0.000	0.000	98.000	98.000	98.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	603.700	605.300	0.000	0.000	0.000	0.000	0.000
BT	25.000	0.000	608.500	0.000	100.000	608.000	0.000	200.000	607.000	0.000
BT	300.000	606.000	0.000	400.000	605.500	0.000	405.000	604.700	0.000	409.500
BT	605.500	600.000	410.000	605.500	601.300	411.000	605.000	602.400	414.000	605.500
BT	603.500	416.000	605.500	603.700	418.000	605.500	603.500	421.000	605.500	602.000
BT	422.000	605.500	600.000	424.000	605.500	600.000	425.000	605.500	602.000	428.000
BT	605.500	603.500	430.000	605.400	603.700	432.000	605.400	603.500	435.000	605.400
BT	602.000	436.000	605.400	601.200	436.500	605.400	600.000	449.000	605.300	0.000
BT	510.000	604.400	0.000	600.000	605.500	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	200.000	750.000	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF NEW PARDEE RD.

X1	9823.000	15.000	500.000	538.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	609.900	0.000	609.000	100.000	607.800	200.000	607.800	300.000	607.000	400.000
GR	606.900	450.000	605.700	500.000	601.500	513.000	599.500	514.000	598.700	521.000
GR	599.500	528.000	600.600	528.000	605.700	538.000	605.500	600.000	606.000	800.000
ET	0.000	0.000	4.100	280.000	750.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF DRIVEWAY TO BIG@M@

X1	10293.000	15.000	500.000	543.000	470.000	470.000	470.000	0.000	0.000	0.000
GR	613.000	0.000	611.000	100.000	609.000	200.000	607.900	300.000	607.500	400.000
GR	607.300	500.000	602.400	511.000	599.500	512.000	599.400	520.000	599.800	528.000
GR	602.200	529.000	606.900	543.000	605.800	593.000	606.000	600.000	606.000	800.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	352.600	800.000	0.000	0.000	0.000	0.000	0.000
X1	10342.000	18.000	400.000	445.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.000	0.000	611.000	100.000	609.800	300.000	609.800	350.000	608.800	400.000
GR	602.200	411.000	599.500	415.000	599.200	420.000	598.800	424.000	598.800	426.000
GR	599.100	430.000	599.300	435.000	605.100	445.000	607.300	445.000	605.000	600.000
GR	606.000	700.000	606.000	800.000	607.000	900.000	0.000	0.000	0.000	0.000

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SB	0.950	1.710	2.630	0.000	20.000	2.000	124.000	0.000	588.800	588.800
ET	0.000	0.000	4.110	351.560	800.000	0.000	0.000	0.000	0.000	0.000
X1	10400.000	0.000	0.000	0.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.300	607.300	0.000	0.000	0.000	0.000	0.000
BT	14.000	0.000	613.000	0.000	100.000	611.000	0.000	300.000	609.800	0.000
BT	400.000	608.800	0.000	415.000	608.700	605.300	423.500	608.600	605.300	424.000
BT	608.600	598.800	426.000	608.600	598.800	426.500	608.600	605.300	435.000	607.500
BT	605.300	445.000	607.300	605.100	488.000	605.000	0.000	600.000	605.000	0.000
BT	800.000	606.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	235.000	710.000	160.000	785.000	0.000	0.000	0.000
	UPSTREAM OF DRIVEWAY TO @IG@M@									
X1	10449.000	15.000	500.000	543.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.000	0.000	611.000	100.000	609.000	200.000	607.900	300.000	607.500	400.000
GR	607.300	500.000	602.400	511.000	599.500	512.000	599.400	520.000	599.800	528.000
GR	602.200	529.000	606.900	543.000	605.800	593.000	606.000	600.000	606.000	800.000
ET	0.000	6.100	4.100	320.000	770.000	310.000	780.000	0.000	0.000	0.000
	DOWNSTREAM OF DRIVEWAY TO @BIG M@									
X1	10754.000	15.000	500.000	549.000	305.000	305.000	305.000	0.000	0.000	0.000
GR	613.500	0.000	611.800	100.000	610.000	200.000	609.000	300.000	609.000	400.000
GR	609.400	500.000	599.600	520.000	599.400	525.000	599.200	530.000	599.500	535.000
GR	599.600	538.000	603.200	543.000	605.600	549.000	606.500	612.000	606.000	900.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	272.000	700.000	1.000	700.000	0.000	0.000	0.000
X1	10803.000	15.000	300.000	344.000	49.000	49.000	49.000	0.000	0.000	.0.000
GR	614.000	0.000	612.000	100.000	610.200	250.000	609.200	300.000	599.700	313.000
GR	599.400	318.000	599.400	321.500	599.400	322.000	599.400	323.000	599.400	323.500
GR	600.000	332.000	602.400	334.000	608.000	344.000	607.500	500.000	608.000	700.000
SB	0.950	1.750	2.630	0.000	19.000	1.000	120.000	0.000	599.400	599.400
ET	0.000	6.100	4.100	280.000	690.000	1.000	700.000	0.000	0.000	0.000
X1	10871.000	0.000	0.000	0.000	68.000	68.000	68.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.800	608.100	0.000	0.000	0.000	0.000	0.000
BT	13.000	0.000	614.000	0.000	100.000	612.000	0.000	250.000	610.200	0.000
BT	300.000	609.200	0.000	313.000	609.000	605.800	321.500	608.600	605.800	322.000
BT	608.900	599.400	323.000	608.600	599.400	323.500	608.600	605.800	332.000	608.100
BT	605.800	344.000	608.000	0.000	500.000	607.500	0.000	700.000	607.500	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	350.000	750.000	274.000	819.000	0.000	0.000	0.000
	UPSTREAM OF DRIVEWAY TO @BIG M@									
X1	10920.000	15.000	500.000	549.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	613.500	0.000	611.800	100.000	610.000	200.000	609.000	300.000	609.000	400.000
GR	609.400	500.000	599.600	520.000	599.400	525.000	599.700	530.000	599.500	535.000
GR	599.600	538.000	603.200	543.000	605.600	549.000	606.500	612.000	606.000	900.000

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ET	0.000	6.100	4.100	250.000	625.000	100.000	775.000	0.000	0.000	0.000
	DOWNSTREAM OF DRIVEWAY TO @BIG M@									
X1	11098.000	14.000	500.000	549.000	178.000	178.000	178.000	0.000	0.000	0.000
GR	611.300	0.000	609.700	100.000	609.000	200.000	608.000	300.000	607.000	400.000
GR	607.500	500.000	602.500	513.000	600.000	515.000	599.500	523.000	600.000	530.000
GR	602.300	534.000	607.300	549.000	607.800	600.000	608.000	800.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	250.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	11147.000	18.000	300.000	343.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.000	0.000	609.700	200.000	610.000	250.000	609.100	300.000	602.800	310.000
GR	601.400	314.000	600.100	318.000	599.900	322.500	599.900	323.000	599.900	324.000
GR	599.900	324.500	600.300	333.000	600.400	334.000	606.700	343.000	608.600	343.000
GR	608.000	400.000	609.000	600.000	610.000	800.000	0.000	0.000	0.000	0.000
SB	0.950	1.710	2.630	0.000	19.000	1.000	107.000	0.000	600.000	600.000
ET	0.000	0.000	4.110	250.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	11205.000	0.000	0.000	0.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.900	608.600	0.000	0.000	0.000	0.000	0.000
BT	15.000	0.000	611.000	0.000	200.000	609.700	0.000	300.000	609.100	0.000
BT	310.000	609.000	0.000	314.000	609.000	605.900	322.500	608.900	605.900	323.000
BT	608.900	599.900	324.000	608.900	599.900	324.500	608.900	605.900	333.000	608.800
BT	605.900	334.000	608.000	0.000	343.000	608.600	606.700	400.000	608.000	0.000
BT	600.000	609.000	0.000	800.000	610.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	210.000	660.000	90.000	780.000	0.000	0.000	0.000
	UPSTREAM OF DRIVEWAY TO @BIG M@									
X1	11254.000	14.000	500.000	549.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.300	0.000	609.700	100.000	609.000	200.000	608.000	300.000	607.000	400.000
GR	607.500	500.000	602.500	513.000	600.000	515.000	599.500	523.000	600.000	530.000
GR	602.300	534.000	607.300	549.000	607.800	600.000	608.000	800.000	0.000	0.000
ET	0.000	6.100	4.100	370.000	745.000	250.000	900.000	0.000	0.000	0.000
	DOWNSTREAM OF SYRACUSE RD.									
X1	11404.000	17.000	500.000	533.000	150.000	150.000	150.000	0.000	0.000	0.000
GR	612.000	0.000	612.000	100.000	612.000	200.000	609.900	300.000	609.700	400.000
GR	609.000	450.000	607.300	500.000	604.200	509.000	601.000	510.000	600.600	516.000
GR	601.000	522.000	603.800	522.000	608.300	533.000	607.400	567.000	608.000	700.000
GR	608.000	800.000	608.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	325.000	675.000	175.000	800.000	0.000	0.000	0.000
X1	11453.000	26.000	400.000	430.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	612.000	100.000	609.900	200.000	609.000	300.000	607.700	350.000
GR	607.400	400.000	604.800	407.000	602.000	409.000	600.800	410.000	600.500	411.000
GR	600.300	413.000	600.500	415.000	600.800	416.000	602.000	417.000	602.000	419.000
GR	600.800	420.000	600.500	421.000	600.200	423.000	600.500	425.000	600.800	426.000
GR	602.000	427.000	607.000	430.000	607.000	500.000	608.000	600.000	609.000	700.000
GR	609.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SB	0.000	2.380	2.630	0.000	18.000	0.000	68.000	0.000	600.200	600.200
ET	0.000	0.000	4.110	290.000	715.000	0.000	0.000	0.000	0.000	0.000
X1	11643.000	0.000	0.000	0.000	190.000	190.000	190.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	606.000	607.000	0.000	0.000	0.000	0.000	0.000
BT	25.000	0.000	612.000	0.000	100.000	612.000	0.000	200.000	609.900	0.000
BT	300.000	609.000	0.000	400.000	607.400	0.000	407.000	607.400	0.000	409.000
BT	607.400	602.000	410.000	607.300	604.500	411.000	607.300	605.300	413.000	607.200
BT	605.800	415.000	607.200	605.300	416.000	607.200	604.500	417.000	607.200	602.000
BT	419.000	607.200	602.000	420.000	607.200	604.500	421.000	607.100	605.300	423.000
BT	607.100	606.000	425.000	607.100	605.300	426.000	607.100	604.500	427.000	607.000
BT	602.000	430.000	607.000	0.000	500.000	607.000	0.000	600.000	608.000	0.000
BT	700.000	609.000	0.000	800.000	609.500	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	255.000	780.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF SYRACUSE RD.									
X1	11692.000	17.000	500.000	533.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	612.000	100.000	612.000	200.000	609.900	300.000	609.700	400.000
GR	609.000	450.000	607.300	500.000	604.200	509.000	601.000	510.000	600.600	516.000
GR	601.000	522.000	603.800	522.000	608.300	533.000	607.400	567.000	608.000	700.000
GR	608.000	800.000	608.500	900.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	460.000	620.000	370.000	705.000	0.000	0.000	0.000
	DOWNSTREAM OF NB OF TELEGRAPH RD.									
X1	12692.000	18.000	500.000	522.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	612.000	0.000	609.900	100.000	608.900	200.000	609.700	300.000	609.500	400.000
GR	609.100	450.000	607.400	500.000	602.700	504.000	602.600	507.000	602.900	512.000
GR	603.100	517.000	605.700	518.000	607.200	522.000	607.300	581.000	608.000	700.000
GR	608.200	800.000	608.600	900.000	608.400	1000.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	394.000	529.000	230.000	540.000	0.000	0.000	0.000
X1	12741.000	10.000	500.000	529.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	610.000	0.000	609.400	200.000	609.400	300.000	603.100	503.000	602.600	509.000
GR	602.300	515.000	601.800	520.000	602.000	521.000	602.800	525.000	609.400	529.000
SB	0.000	2.490	2.630	0.000	12.000	0.000	52.000	0.000	601.800	601.800
ET	0.000	6.100	4.100	439.000	529.000	270.000	530.000	0.000	0.000	0.000
X1	12831.000	0.000	0.000	0.000	90.000	90.000	90.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	606.500	609.400	0.000	0.000	0.000	0.000	0.000
ET	5.000	0.000	610.000	0.000	500.000	609.400	0.000	509.000	609.400	606.500
BT	521.000	609.400	606.500	529.000	609.400	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	495.000	560.000	420.000	635.000	0.000	0.000	0.000
	UPSTREAM OF NB OF TELEGRAPH RD.									
	DOWNSTREAM OF SB OF TELEGRAPH RD.									
X1	12880.000	18.000	500.000	522.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	609.900	100.000	608.900	200.000	609.700	300.000	609.500	400.000
GR	609.100	450.000	607.400	500.000	602.700	504.000	602.600	507.000	602.900	512.000
GR	603.100	517.000	605.700	518.000	607.200	522.000	607.300	581.000	608.000	700.000
GR	608.200	800.000	608.600	900.000	608.400	1000.000	0.000	0.000	0.000	0.000

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ET	0.000	6.100	4.100	495.000	560.000	420.000	635.000	0.000	0.000	0.000
X1	12880.000	18.000	500.000	522.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	612.000	0.000	609.900	100.000	608.900	200.000	609.700	300.000	609.500	400.000
GR	609.100	450.000	607.400	500.000	602.700	504.000	602.600	507.000	602.900	512.000
GR	603.100	517.000	605.700	518.000	607.200	522.000	607.300	581.000	608.000	700.000
GR	608.200	800.000	608.600	900.000	608.400	1000.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.300	0.800	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	325.000	515.000	40.000	700.000	0.000	0.000	0.000
X1	12929.000	15.000	400.000	439.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	610.500	0.000	610.600	100.000	610.700	200.000	610.900	300.000	611.100	350.000
GR	611.200	400.000	606.500	410.000	606.000	413.000	602.400	415.000	603.600	429.000
GR	606.700	430.000	611.200	439.000	611.100	480.000	610.500	600.000	610.000	700.000
SB	0.000	1.880	2.630	0.000	20.000	0.000	122.000	0.000	602.400	602.400
ET	0.000	6.100	4.100	340.000	500.000	200.000	505.000	0.000	0.000	0.000
X1	12986.000	0.000	0.000	0.000	57.000	57.000	57.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	609.500	611.200	0.000	0.000	0.000	0.000	0.000
BT	4.000	400.000	611.200	0.000	410.000	611.200	609.400	430.000	611.200	609.500
BT	439.000	611.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	390.000	650.000	300.000	705.000	0.000	0.000	0.000

UPSTREAM OF SB OF TELEGRAPH RD.

X1	13035.000	18.000	500.000	522.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	609.900	100.000	608.900	200.000	609.700	300.000	609.500	400.000
GR	609.100	450.000	607.400	500.000	602.700	504.000	602.600	507.000	602.900	512.000
GR	603.100	517.000	605.700	518.000	607.200	522.000	607.300	581.000	608.000	700.000
GR	608.200	800.000	608.600	900.000	608.400	1000.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	105.000	705.000	80.000	730.000	0.000	0.000	0.000

DOWNSTREAM OF COOPER RD.

X1	13335.000	17.000	500.000	546.000	300.000	300.000	300.000	0.000	0.000	0.000
GR	609.200	0.000	609.200	100.000	609.000	200.000	609.800	300.000	609.600	400.000
GR	608.600	500.000	608.200	504.000	604.600	508.000	603.000	508.000	602.300	514.000
GR	603.100	521.000	609.800	526.000	610.500	546.000	611.500	700.000	612.000	800.000
GR	614.400	900.000	614.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	1.000	619.510	0.000	0.000	0.000	0.000	0.000
X1	13434.000	19.000	400.000	430.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	608.800	0.000	609.000	100.000	609.100	200.000	609.000	300.000	609.400	350.000
GR	609.100	400.000	603.500	409.500	603.000	410.000	602.300	411.000	602.000	412.000
GR	601.800	414.000	602.000	416.000	602.300	417.000	602.800	418.000	603.500	418.500
GR	609.100	430.000	609.700	480.000	611.500	600.000	614.000	700.000	0.000	0.000
SB	0.000	1.880	2.630	0.000	9.000	0.000	45.000	0.000	601.800	601.800
ET	0.000	0.000	4.110	1.000	619.290	0.000	0.000	0.000	0.000	0.000
X1	13476.000	0.000	6.000	0.000	42.000	42.000	42.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	608.200	609.100	0.000	0.000	0.000	0.000	0.000
BT	18.000	0.000	608.800	0.000	100.000	609.000	0.000	200.000	609.100	0.000
BT	300.000	609.000	0.000	400.000	609.100	0.000	409.500	609.100	603.500	410.000
BT	609.100	606.000	411.000	609.100	607.100	412.000	609.100	607.300	414.000	609.100

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BT	608.100	416.000	609.100	607.800	417.000	609.100	607.100	418.000	609.100	606.000
BT	418.500	609.100	603.500	430.000	609.100	0.000	480.000	609.700	0.000	600.000
BT	611.500	0.000	700.000	614.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF COOPER RD.									
X1	13575.000	17.000	500.000	546.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	609.200	0.000	609.200	100.000	609.000	200.000	609.800	300.000	609.600	400.000
GR	608.600	500.000	608.200	504.000	604.600	508.000	603.000	508.000	602.300	514.000
GR	603.100	521.000	609.800	526.000	610.500	546.000	611.500	700.000	612.000	800.000
GR	614.400	900.000	614.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	330.000	685.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF BAILY RD.									
X1	14475.000	15.000	500.000	520.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	615.600	0.000	614.000	100.000	610.000	200.000	609.900	300.000	609.900	400.000
GR	609.900	500.000	607.700	505.000	603.900	507.000	603.200	512.000	604.000	517.000
GR	609.200	520.000	612.400	574.000	612.500	700.000	612.300	800.000	611.700	900.000
NC	0.055	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	100.000	430.000	0.000	0.000	0.000	0.000	0.000
X1	14524.000	20.000	400.000	429.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.000	0.000	611.500	100.000	611.000	200.000	610.100	300.000	612.100	350.000
GR	612.300	400.000	605.000	410.000	603.800	411.000	603.400	412.000	603.000	414.000
GR	602.700	416.000	603.000	418.000	603.200	420.000	603.600	421.000	605.000	422.000
GR	612.200	429.000	612.000	479.000	612.000	600.000	611.500	700.000	611.300	800.000
SB	0.000	2.410	2.630	0.000	12.000	0.000	73.000	0.000	602.700	602.700
ET	0.000	0.000	4.100	25.000	525.000	0.000	0.000	0.000	0.000	0.000
X1	14652.000	0.000	0.000	0.000	128.000	128.000	128.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	610.700	612.200	0.000	0.000	0.000	0.000	0.000
BT	19.000	0.000	612.000	0.000	100.000	611.500	0.000	200.000	611.000	0.000
BT	300.000	610.100	0.000	400.000	612.300	0.000	410.000	612.800	605.000	411.000
BT	612.900	608.000	412.000	613.000	609.000	414.000	613.000	610.300	416.000	613.100
BT	610.700	418.000	613.000	610.300	420.000	612.800	609.000	421.000	612.800	608.000
BT	422.000	612.700	605.000	429.000	612.200	0.000	479.000	612.000	0.000	600.000
BT	612.000	0.000	700.000	611.500	0.000	800.000	611.300	0.000	0.000	0.000
NC	0.070	0.060	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	215.000	815.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF BAILY RD.									
X1	14701.000	15.000	500.000	520.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	615.600	0.000	614.000	100.000	610.000	200.000	609.900	300.000	609.900	400.000
GR	609.900	500.000	607.700	505.000	603.900	507.000	603.200	512.000	604.000	517.000
GR	609.200	520.000	612.400	574.000	612.500	700.000	612.300	800.000	611.700	900.000
ET	0.000	0.000	4.100	435.000	710.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF WESTLAKE RD.									
X1	15601.000	17.000	500.000	524.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	614.600	0.000	614.400	100.000	614.200	200.000	614.000	300.000	612.000	400.000
GR	611.800	450.000	612.000	500.000	609.400	505.000	605.600	506.000	604.300	513.000
GR	604.700	519.000	607.800	520.000	611.100	524.000	611.100	582.000	612.000	700.000
GR	613.000	800.000	615.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	320.000	520.000	0.000	0.000	0.000	0.000	0.000
X1	15750.000	17.000	400.000	440.000	149.000	149.000	149.000	0.000	0.000	0.000
GR	614.200	0.000	614.000	100.000	613.500	200.000	613.000	300.000	612.200	350.000
GR	610.200	400.000	607.500	412.000	606.200	413.000	605.700	415.000	605.300	418.000
GR	605.700	421.000	606.200	423.000	607.500	424.000	610.000	440.000	612.000	500.000
GR	613.000	600.000	614.500	700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.230	2.630	0.000	12.000	0.000	68.000	0.000	605.300	605.300
ET	0.000	0.000	4.100	270.000	570.000	0.000	0.000	0.000	0.000	0.000
X1	15800.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	612.700	614.700	0.000	0.000	0.000	0.000	0.000
BT	16.000	0.000	614.200	0.000	100.000	614.000	0.000	200.000	614.100	0.000
BT	300.000	614.100	0.000	400.000	615.200	0.000	412.000	615.000	607.500	413.000
BT	615.000	610.200	415.000	614.900	612.000	418.000	614.900	612.700	421.000	614.800
BT	612.000	423.000	614.800	610.200	424.000	614.800	607.500	440.000	614.700	0.000
BT	500.000	614.000	0.000	600.000	614.000	0.000	700.000	614.500	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	315.000	715.000	50.000	850.000	0.000	0.000	0.000
	UPSTREAM OF WESTLAKE RD.									
X1	15849.000	17.000	500.000	524.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.600	0.000	614.400	100.000	614.200	200.000	614.000	300.000	612.000	400.000
GR	611.800	450.000	612.000	500.000	609.400	505.000	605.600	506.000	604.300	513.000
GR	604.700	519.000	607.800	520.000	611.100	524.000	611.100	582.000	612.000	700.000
GR	613.000	800.000	615.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	175.000	650.000	0.000	0.000	0.000	0.000	0.000
X1	17575.000	15.000	400.000	422.000	1726.000	1726.000	1726.000	0.000	0.000	0.000
GR	616.000	0.000	614.600	100.000	613.700	200.000	613.000	300.000	613.900	400.000
GR	611.600	407.000	608.500	409.000	607.800	413.000	608.700	419.000	613.100	422.000
GR	613.300	450.000	612.000	500.000	612.700	600.000	613.200	700.000	613.600	800.000
NC	0.000	0.000	0.000	0.000	0.800	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	205.000	655.000	0.000	0.000	0.000	0.000	0.000
X1	17710.000	17.000	450.000	472.000	135.000	135.000	135.000	0.000	0.000	0.000
GR	617.000	0.000	616.400	100.000	615.300	200.000	614.400	300.000	614.700	400.000
GR	614.500	450.000	612.400	457.000	608.800	459.000	608.200	463.000	609.100	470.000
GR	613.800	472.000	613.900	490.000	613.500	500.000	613.800	600.000	614.300	700.000
GR	614.800	800.000	615.200	900.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	245.000	645.000	0.000	0.000	0.000	0.000	0.000
X1	17850.000	16.000	500.000	525.000	140.000	140.000	140.000	0.000	-0.500	0.000
GR	618.000	0.000	618.000	100.000	617.000	200.000	616.000	300.000	615.600	400.000
GR	615.000	500.000	613.200	507.000	609.200	509.000	608.600	513.000	609.500	520.000
GR	613.200	522.000	614.300	525.000	615.000	580.000	615.400	700.000	616.000	800.000
GR	616.400	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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ET	0.000	6.100	4.100	325.000	725.000	220.000	805.000	0.000	0.000	0.000
X1	18100.000	0.000	0.000	0.000	250.000	250.000	250.000	0.000	0.300	0.000
ET	0.000	0.000	4.100	480.000	730.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF BEECH DALY RD.									
X1	18575.000	17.000	500.000	524.000	475.000	475.000	475.000	0.000	0.000	0.000
GR	619.600	0.000	619.600	100.000	619.400	200.000	617.900	300.000	617.700	400.000
GR	616.700	500.000	614.100	507.000	609.700	508.000	608.900	514.000	609.100	518.000
GR	611.200	520.000	614.600	524.000	616.800	581.000	616.000	700.000	617.700	800.000
GR	618.000	900.000	618.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	360.000	585.000	0.000	0.000	0.000	0.000	0.000
X1	18624.000	15.000	418.000	433.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.600	0.000	618.400	100.000	618.200	200.000	617.500	300.000	614.000	400.000
GR	611.000	418.000	611.000	418.100	609.600	419.000	609.200	424.000	609.100	433.000
GR	609.100	433.100	612.000	446.000	613.000	496.000	616.000	600.000	617.000	700.000
SB	0.000	1.980	2.630	0.000	15.000	0.000	112.000	0.000	609.400	609.400
ET	0.000	0.000	4.100	325.000	525.000	0.000	0.000	0.000	0.000	0.000
X1	18704.000	0.000	0.000	0.000	80.000	80.000	80.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	616.400	618.500	0.000	0.000	0.000	0.000	0.000
BT	13.000	0.000	618.600	0.000	100.000	618.400	0.000	200.000	618.200	0.000
BT	300.000	617.500	0.000	400.000	618.700	0.000	418.000	621.000	611.000	418.100
BT	621.000	616.400	433.000	621.000	616.400	433.100	621.000	609.100	446.000	618.500
BT	0.000	496.000	618.200	0.000	600.000	616.700	0.000	700.000	617.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	.0.000
ET	0.000	6.100	4.100	400.000	700.000	285.000	815.000	0.000	0.000	0.000
	UPSTREAM OF BEECH DALY RD.									
X1	18753.000	17.000	500.000	524.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	619.600	0.000	619.600	100.000	619.400	200.000	617.900	300.000	617.700	400.000
GR	616.700	500.000	614.100	507.000	609.700	508.000	608.900	514.000	609.100	518.000
GR	611.200	520.000	614.600	524.000	616.800	581.000	616.000	700.000	617.700	800.000
GR	618.000	900.000	618.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	280.000	640.000	250.000	820.000	0.000	0.000	0.000
	DOWNSTREAM OF MC GUIRE RD.									
X1	19003.000	18.000	500.000	527.000	250.000	250.000	250.000	0.000	0.000	0.000
GR	618.500	0.000	618.500	100.000	620.000	200.000	618.300	300.000	618.000	400.000
GR	616.500	450.000	615.000	500.000	614.000	505.000	610.300	509.000	609.700	515.000
GR	610.300	521.000	615.800	527.000	617.300	557.000	618.000	600.000	618.400	700.000
GR	620.500	800.000	620.700	900.000	620.200	1000.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	220.000	550.000	150.000	615.000	0.000	0.000	0.000
X1	19077.000	22.000	400.000	432.000	74.000	74.000	74.000	0.000	0.000	0.000
GR	619.500	0.000	618.800	100.000	616.000	200.000	614.000	300.000	613.500	350.000
GR	617.200	400.000	612.000	410.000	610.400	411.000	609.800	413.000	609.600	415.000
GR	609.500	416.000	609.600	417.000	609.800	419.000	610.200	421.000	612.000	422.000
GR	612.200	425.000	613.000	432.000	614.000	482.000	615.000	532.000	617.800	600.000
GR	619.000	700.000	619.900	800.000	0.000	0.000	0.000	0.000	0.000	0.000

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SB	0.000	2.590	2.630	0.000	12.000	0.000	69.000	0.000	609.500	609.500
ET	0.000	0.000	4.100	220.000	470.000	0.000	0.000	0.000	0.000	0.000
X1	19235.000	0.000	0.000	0.000	158.000	158.000	158.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	617.000	617.200	0.000	0.000	0.000	0.000	0.000
BT	21.000	0.000	619.500	0.000	100.000	618.300	0.000	200.000	618.200	0.000
BT	300.000	617.600	0.000	400.000	617.200	0.000	410.000	617.500	612.000	411.000
BT	617.500	614.200	413.000	617.500	616.200	415.000	617.600	616.900	416.000	617.600
BT	617.000	417.000	617.600	616.900	419.000	617.500	616.200	421.000	617.500	614.200
BT	422.000	617.400	612.000	425.000	617.400	0.000	432.000	617.200	0.000	482.000
BT	616.100	0.000	532.000	616.600	0.000	600.000	617.800	0.000	700.000	619.000
BT	0.000	800.000	619.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	280.000	530.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF MARVIN RD.									
X1	19384.000	17.000	500.000	529.000	149.000	149.000	149.000	0.000	0.000	0.000
GR	621.500	0.000	619.200	100.000	618.000	200.000	618.000	300.000	618.400	400.000
GR	617.700	450.000	617.600	500.000	614.000	507.000	610.100	514.000	610.400	520.000
GR	611.200	521.000	617.500	529.000	616.800	579.000	618.000	600.000	619.000	700.000
GR	622.000	800.000	621.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.055	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.100	4.100	310.000	535.000	190.000	655.000	0.000	0.000	0.000
X1	19433.000	20.000	400.000	425.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.000	0.000	619.000	100.000	618.100	200.000	618.500	300.000	617.600	350.000
GR	618.000	400.000	610.800	406.000	609.900	407.000	695.500	409.000	609.200	411.000
GR	609.100	412.000	609.200	413.000	609.500	415.000	610.000	417.000	610.800	418.000
GR	618.000	425.000	618.000	475.000	618.500	600.000	618.000	700.000	617.500	800.000
SB	0.000	3.190	3.000	0.000	12.000	0.000	76.000	0.000	609.100	609.100
ET	0.000	0.000	4.100	120.000	720.000	0.000	0.000	0.000	0.000	0.000
X1	19677.000	0.000	0.000	0.000	244.000	244.000	244.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	617.200	618.000	0.000	0.000	0.000	0.000	0.000
BT	14.000	400.000	619.000	0.000	406.000	618.100	610.800	407.000	618.100	614.700
BT	409.000	618.200	616.500	411.000	618.200	617.100	412.000	618.200	617.200	413.000
BT	618.200	617.100	415.000	618.200	616.200	417.000	618.100	614.400	418.000	618.100
BT	610.800	425.000	618.000	0.000	475.000	620.000	0.000	600.000	618.500	0.000
BT	700.000	618.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	150.000	700.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF MARVIN RD.									
X1	19776.000	17.000	500.000	529.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	621.500	0.000	619.400	100.000	619.200	200.000	618.000	300.000	618.400	400.000
GR	617.700	450.000	617.600	500.000	614.000	507.000	610.100	514.000	610.400	520.000
GR	611.200	521.000	617.500	529.000	616.300	579.000	619.000	600.000	619.200	700.000
GR	620.000	800.000	621.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000

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ET	0.000	6.100	4.100	220.000	720.000	150.000	800.000	0.000	0.000	0.000
	DOWNSTREAM OF FELLRATH RD.									
X1	19876.000	18.000	500.000	526.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	623.700	0.000	622.300	100.000	619.000	200.000	618.800	300.000	618.600	400.000
GR	617.400	500.000	611.000	509.000	610.700	515.000	611.200	520.000	612.400	521.000
GR	616.500	526.000	618.500	533.000	619.300	567.000	619.300	573.000	619.200	700.000
GR	620.000	800.000	626.100	900.000	626.400	1000.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	45.000	520.000	0.000	0.000	0.000	0.000	0.000
X1	19925.000	19.000	400.000	429.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.500	0.000	619.000	100.000	618.000	200.000	616.000	300.000	615.000	350.000
GR	614.000	400.000	612.500	408.000	611.500	409.000	611.000	410.000	610.700	412.000
GR	610.500	414.000	610.700	416.000	611.000	418.000	611.300	419.000	612.500	420.000
GR	615.000	429.000	617.000	479.000	623.000	600.000	623.000	700.000	0.000	0.000
SB	0.000	2.270	2.630	0.000	12.000	0.000	75.000	0.000	610.500	610.500
ET	0.000	0.000	4.100	60.000	485.000	0.000	0.000	0.000	0.000	0.000
X1	20033.000	0.000	0.000	0.000	108.000	108.000	108.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	618.500	618.800	0.000	0.000	0.000	0.000	0.000
BT	18.000	0.000	620.500	0.000	100.000	619.000	0.000	200.000	620.000	0.000
BT	300.000	620.000	0.000	400.000	618.800	0.000	408.000	619.000	612.500	409.000
BT	619.000	615.700	410.000	619.100	617.000	412.000	619.200	618.000	414.000	619.200
BT	618.500	416.000	619.200	618.000	418.000	619.200	617.000	419.000	619.300	615.700
BT	420.000	619.300	612.500	429.000	619.300	0.000	479.000	619.000	0.000	600.000
BT	623.000	0.000	700.000	623.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	295.000	695.000	80.000	785.000	0.000	0.000	0.000
	UPSTREAM OF FELLRATH RD.									
X1	20082.000	18.000	500.000	526.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.700	0.000	622.300	100.000	621.500	200.000	619.000	300.000	618.600	400.000
GR	617.400	500.000	611.000	509.000	610.700	515.000	611.200	520.000	614.500	521.000
GR	616.500	526.000	618.500	533.000	619.300	567.000	619.500	573.000	619.600	700.000
GR	621.000	800.000	626.100	900.000	626.400	1000.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	280.000	680.000	100.000	710.000	0.000	0.000	0.000
	DOWNSTREAM OF HAROLD RD.									
X1	20232.000	18.000	500.000	533.000	150.000	150.000	150.000	0.000	0.000	0.000
GR	622.200	0.000	622.100	100.000	621.000	200.000	619.700	300.000	619.700	400.000
GR	618.200	450.000	618.200	500.000	617.200	505.000	614.900	509.000	611.500	512.000
GR	611.300	515.000	611.700	520.000	617.000	527.000	619.000	533.000	620.000	700.000
GR	624.200	800.000	621.200	900.000	621.400	1000.000	0.000	0.000	0.000	0.000
NC	0.055	0.055	0.027	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	85.000	460.000	0.000	0.000	0.000	0.000	0.000
X1	20281.000	19.000	409.500	420.500	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.000	0.000	619.000	100.000	619.000	200.000	618.000	300.000	617.000	350.000
GR	616.000	400.000	614.000	409.500	612.400	410.500	611.100	412.500	611.200	414.000
GR	611.200	415.000	611.200	416.000	611.200	417.500	611.600	419.500	614.000	420.500
GR	616.000	427.000	618.000	477.000	623.000	600.000	623.000	700.000	0.000	0.000

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SB	0.000	2.300	2.630	0.000	11.000	0.000	62.000	0.000	612.000	612.000
ET	0.000	0.000	4.100	25.000	525.000	0.000	0.000	0.000	0.000	0.000
X1	20385.000	0.000	0.000	0.000	104.000	104.000	104.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	619.200	619.400	0.000	0.000	0.000	0.000	0.000
BT	18.000	0.000	620.000	0.000	100.000	619.000	0.000	200.000	620.000	0.000
BT	300.000	620.000	0.000	400.000	619.400	0.000	409.500	619.400	614.000	410.500
BT	619.500	616.500	412.500	619.500	618.300	414.000	619.500	619.000	415.000	619.500
BT	619.200	416.000	619.500	619.200	417.500	619.500	619.000	419.500	619.500	617.000
BT	420.500	619.500	614.000	427.000	619.500	0.000	477.000	619.600	0.000	600.000
BT	623.000	0.000	700.000	623.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.055	0.055	0.027	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	245.000	720.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF HAROLD RD.									
X1	20434.000	18.000	500.000	533.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	622.200	0.000	622.100	100.000	621.000	200.000	620.000	300.000	619.700	400.000
GR	618.200	450.000	618.200	500.000	617.200	505.000	614.900	509.000	611.500	512.000
GR	611.300	515.000	611.700	520.000	617.000	527.000	619.000	533.000	620.000	700.000
GR	622.000	800.000	621.200	900.000	621.400	1000.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	330.000	930.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF LANGE RD.									
X1	21554.000	16.000	500.000	526.000	1120.000	1120.000	1120.000	0.000	0.000	0.000
GR	623.000	0.000	623.000	100.000	622.500	200.000	621.000	300.000	620.600	400.000
GR	620.000	450.000	619.500	500.000	613.900	510.000	613.800	515.000	614.300	519.000
GR	619.700	526.000	618.000	600.000	620.000	700.000	620.500	800.000	620.800	900.000
GR	621.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	225.000	775.000	0.000	0.000	0.000	0.000	0.000
X1	21653.000	15.000	400.000	431.000	99.000	99.000	99.000	0.000	0.000	0.000
X4	1.000	614.900	422.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	620.800	0.000	620.600	100.000	619.000	200.000	618.000	300.000	617.000	350.000
GR	616.000	400.000	614.300	411.000	614.100	412.000	611.400	417.000	611.900	419.000
GR	614.900	423.000	616.000	431.000	618.000	600.000	620.700	700.000	621.000	1000.000
SB	0.000	1.680	2.630	0.000	12.000	0.000	82.000	0.000	611.400	611.400
ET	0.000	0.000	4.100	230.000	780.000	0.000	0.000	0.000	0.000	0.000
X1	21670.000	0.000	0.000	0.000	17.000	17.000	17.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	619.700	620.800	0.000	0.000	0.000	0.000	0.000
BT	9.000	0.000	620.800	0.000	400.000	620.300	0.000	411.000	620.800	614.300
BT	412.000	620.800	619.700	422.000	620.800	619.700	423.000	620.800	614.900	431.000
BT	620.800	0.000	600.000	620.500	0.000	1000.000	621.000	0.000	0.000	0.000
NC	0.060	0.060	0.035	0.300	0.700	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	285.000	800.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF LANGE RD.									
X1	21719.000	16.000	500.000	526.000	49.000	49.000	49.000	0.000	-0.500	0.000
GR	623.000	0.000	622.000	100.000	621.500	200.000	621.000	300.000	620.600	400.000
GR	620.000	450.000	619.500	500.000	613.900	510.000	613.800	515.000	614.300	519.000
GR	619.700	526.000	618.000	600.000	620.000	700.000	620.500	800.000	620.800	900.000
GR	621.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	450.000	750.000	0.000	0.000	0.000	0.000	0.000
X1	22670.000	0.000	0.000	0.000	1000.000	1000.000	1000.000	0.000	1.900	0.000
ET	0.000	0.000	4.100	415.000	815.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF INKSTER RD.									
X1	24069.000	17.000	500.000	531.000	1350.000	1350.000	1350.000	0.000	0.000	0.000
GR	625.100	0.000	624.800	100.000	624.500	200.000	624.400	300.000	624.000	400.000
GR	623.600	450.000	622.500	500.000	619.500	508.000	617.300	513.000	617.100	518.000
GR	617.800	523.000	623.100	531.000	623.500	550.000	622.000	700.000	622.800	800.000
GR	625.400	900.000	623.100	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300
*SECNO 0.000
DOWNSTREAM OF ALLEN ROAD

0.00	10.00	598.60	0.00	598.60	598.91	0.31	0.00	0.00	596.40
1180.	55.	1095.	31.	67.	237.	26.	0.	0.	595.90
0.00	0.81	4.63	1.18	0.070	0.035	0.055	0.000	588.60	538.89
0.001290	0.	0.	0.	0	0	0	0.00	120.40	659.29

CCHV= 0.300 CEHV= 0.500
*SECNO 49.000

3470 ENCROACHMENT STATIONS= 385.0 605.0 TYPE= 1 TARGET= 220.000

49.00	8.93	598.63	0.00	0.00	598.98	0.34	0.05	0.02	598.60
1180.	0.	1148.	32.	0.	241.	72.	0.	0.	598.10
0.00	0.00	4.77	0.45	0.700	0.027	0.055	0.000	589.70	385.00
0.000822	49.	49.	49.	2	0	0	0.00	220.00	605.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.29	2.63	0.00	14.00	0.00	78.00	0.00	589.70	589.70

*SECNO 145.000
3280 CROSS SECTION 145.00 EXTENDED 2.28 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
606.77	598.98	0.00	495.	687.	78.	81.	595.50	598.40

3470 ENCROACHMENT STATIONS= 335.0 500.0 TYPE= 1 TARGET= 165.000

145.00	11.58	601.28	0.00	0.00	601.39	0.12	2.42	0.00	598.60
1180.	9.	1027.	143.	169.	349.	185.	1.	1.	598.10
0.01	0.05	2.94	0.77	0.700	0.027	0.055	0.000	589.70	335.00
0.000191	96.	96.	96.	2	0	3	0.00	165.00	500.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 194.000
UPSTREAM OF ALLEN ROAD

194.00	12.71	601.31	0.00	0.00	601.41	0.09	0.01	0.00	596.40
1180.	187.	939.	54.	353.	345.	104.	2.	1.	595.90
0.02	0.53	2.72	0.52	0.070	0.027	0.070	0.000	588.60	434.65
0.000161	49.	49.	49.	1	0	0	0.00	243.98	678.62

*SECNO 994.000

3470 ENCROACHMENT STATIONS= 322.0 777.0 TYPE= 1 TARGET= 455.000
DOWNSTREAM OF PRIVATE ROAD

994.00	11.27	601.47	0.00	0.00	601.49	0.02	0.07	0.01	596.20
1180.	315.	354.	511.	733.	207.	1131.	29.	7.	595.50
0.29	0.43	1.71	0.45	0.070	0.027	0.070	0.000	590.20	322.00
0.000060	800.	800.	800.	1	0	0	0.00	455.00	777.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1043.000
3280 CROSS SECTION 1043.00 EXTENDED 1.48 FEET

3470 ENCROACHMENT STATIONS= 168.0 598.0 TYPE= 1 TARGET= 430.000

1043.00	11.47	601.47	0.00	0.00	601.49	0.02	0.00	0.00	597.00
1180.	529.	530.	121.	1220.	361.	262.	31.	8.	596.80
0.30	0.43	1.47	0.46	0.070	0.035	0.070	0.000	590.00	168.00
0.000071	49.	49.	49.	0	0	0	0.00	430.00	598.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	22.00	0.00	110.00	0.00	590.00	590.00

*SECNO 1062.000
3280 CROSS SECTION 1062.00 EXTENDED 1.51 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.26	601.49	0.00	1037.	143.	110.	119.	595.40	596.80

3470 ENCROACHMENT STATIONS= 174.0 594.0 TYPE= 1 TARGET= 420.000

1062.00	11.50	601.50	0.00	0.00	601.52	0.02	0.02	0.00	597.00
1180.	532.	532.	116.	1216.	362.	248.	32.	8.	596.80
0.31	0.44	1.47	0.47	0.070	0.035	0.070	0.000	590.00	174.00
0.000071	19.	19.	19.	1	0	6	0.00	420.00	594.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1111.000

3470 ENCROACHMENT STATIONS= 353.0 748.0 TYPE= 1 TARGET= 395.000
UPSTREAM OF PRIVATE ROAD
DOWNSTREAM OF PRIVATE ROAD

1111.00	11.31	601.51	0.00	0.00	601.52	0.01	0.00	0.00	596.20
1180.	327.	305.	548.	660.	208.	1065.	34.	8.	595.50
0.33	0.50	1.47	0.51	0.070	0.035	0.070	0.000	590.20	353.00
0.000074	49.	49.	49.	0	0	0	0.00	395.00	748.00

*SECNO 1112.000

3470 ENCROACHMENT STATIONS= 353.0 748.0 TYPE= 1 TARGET= 395.000

1112.00	11.81	601.51	0.00	0.00	601.52	0.01	0.00	0.00	596.70
1180.	338.	327.	514.	636.	226.	962.	34.	8.	597.00
0.33	0.53	1.45	0.53	0.070	0.035	0.070	0.000	589.70	353.00
0.000090	1.	1.	1.	0	0	0	0.00	395.00	748.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1160.000

3470 ENCROACHMENT STATIONS= 200.0 570.0 TYPE= 1 TARGET= 370.000

1160.00	11.11	601.51	0.00	0.00	601.53	0.02	0.00	0.01	596.80
1180.	313.	594.	273.	662.	354.	522.	36.	9.	596.70
0.34	0.47	1.68	0.52	0.070	0.035	0.070	0.000	590.40	200.00
0.000095	48.	48.	48.	0	0	0	0.00	370.00	570.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHO	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	95.00	0.00	590.40	590.40

*SECNO 1173.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.24	601.53	0.00	1040.	136.	95.	101.	596.00	596.70

3470 ENCROACHMENT STATIONS= 200.0 570.0 TYPE= 1 TARGET= 370.000

1173.00	11.13	601.53	0.00	0.00	601.56	0.02	0.03	0.00	596.80
1180.	314.	593.	273.	666.	355.	525.	36.	9.	596.70
0.34	0.47	1.67	0.52	0.070	0.035	0.070	0.000	590.40	200.00
0.000093	13.	13.	13.	2	0	6	0.00	370.00	570.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1222.000

3470 ENCROACHMENT STATIONS= 315.0 785.0 TYPE= 1 TARGET= 470.000
UPSTREAM OF PRIVATE ROAD

1222.00	11.85	601.55	0.00	0.00	601.56	0.01	0.00	0.00	596.70
1180.	353.	308.	519.	737.	227.	1064.	38.	9.	597.00
0.36	0.48	1.35	0.49	0.070	0.035	0.070	0.000	589.70	315.00
0.000078	49.	49.	49.	1	0	0	0.00	470.00	785.00

*SECNO 1282.000
3280 CROSS SECTION 1282.00 EXTENDED 1.56 FEET

3470 ENCROACHMENT STATIONS= 205.0 645.0 TYPE= 1 TARGET= 440.000
DOWNSTREAM OF JACKSON RD.

1282.00	11.56	601.56	0.00	0.00	601.57	0.01	0.00	0.00	594.80
1180.	640.	258.	282.	1229.	172.	542.	41.	10.	595.70
0.39	0.52	1.50	0.52	0.070	0.035	0.070	0.000	590.00	205.00
0.000085	60.	60.	60.	0	0	0	0.00	440.00	645.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1331.000
3280 CROSS SECTION 1331.00 EXTENDED 1.56 FEET

3470 ENCROACHMENT STATIONS=		227.0	641.0	TYPE=	1	TARGET=	414.000		
1331.00	13.05	601.55	0.00	0.00	601.58	0.03	0.00	0.01	596.90
1180.	380.	513.	288.	782.	274.	711.	43.	11.	597.10
0.40	0.49	1.87	0.40	0.070	0.027	0.070	0.000	588.50	227.00
0.000072	49.	49.	49.	0	0	0	0.00	414.00	641.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.78	2.63	0.00	12.00	0.00	74.00	0.00	588.50	588.50

*SECNO 1373.000
3280 CROSS SECTION 1373.00 EXTENDED 1.57 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.58	601.58	0.00	1102.	90.	74.	96.	596.50	596.90

3470 ENCROACHMENT STATIONS=		238.0	631.0	TYPE=	1	TARGET=	393.000		
1373.00	13.07	601.57	0.00	0.00	601.59	0.03	0.02	0.00	596.90
1180.	368.	525.	286.	739.	274.	687.	45.	11.	597.10
0.41	0.50	1.92	0.42	0.070	0.027	0.070	0.000	588.50	238.00
0.000075	42.	42.	42.	2	0	6	0.00	393.00	631.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1422.000
3280 CROSS SECTION 1422.00 EXTENDED 1.57 FEET

3470 ENCROACHMENT STATIONS=		241.0	609.0	TYPE=	1	TARGET=	368.000		
UPSTREAM OF JACKSON RD.									
1422.00	11.58	601.58	0.00	0.00	601.60	0.02	0.00	0.00	594.80
1180.	605.	336.	239.	1132.	172.	435.	47.	11.	595.70
0.42	0.53	1.95	0.55	0.070	0.027	0.070	0.000	590.00	241.00
0.000086	49.	49.	49.	0	0	0	0.00	368.00	609.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2022.000

3470 ENCROACHMENT STATIONS= 470.0 557.0 TYPE= 1 TARGET= 87.000

DOWNSTREAM OF D.T.I.RR.

2022.00	10.33	601.53	0.00	0.00	601.76	0.22	0.10	0.06	599.10
1180.	32.	1129.	19.	52.	292.	31.	61.	14.	599.10
0.47	0.61	3.87	0.63	0.070	0.027	0.070	0.000	591.20	470.00
0.000409	600.	600.	600.	2	0	0	0.00	87.00	557.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2071.000

2071.00	9.89	601.69	0.00	0.00	601.80	0.11	0.01	0.03	608.70
1180.	0.	1180.	0.	0.	443.	0.	62.	15.	608.50
0.47	0.00	2.66	0.00	0.000	0.027	0.000	0.000	591.80	506.82
0.000191	49.	49.	49.	2	0	0	0.00	62.63	569.45

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.83	2.63	0.00	30.00	2.00	207.00	0.00	591.80	591.80

*SECNO 2133.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
602.62	601.81	0.01	0.	1180.	207.	216.	599.50	608.50

2133.00	10.73	602.53	0.00	0.00	602.62	0.09	0.81	0.00	608.70
1180.	0.	1180.	0.	0.	497.	0.	62.	15.	608.50
0.48	0.00	2.38	0.00	0.000	0.027	0.000	0.000	591.80	505.32
0.000140	62.	62.	62.	2	0	0	0.00	65.54	570.86

CCHV= 0.100 CEHV= 0.300

*SECNO 2282.000

3470 ENCROACHMENT STATIONS= 354.0 560.0 TYPE= 1 TARGET= 206.000

UPSTREAM OF D.T.I.RR.

2282.00	11.31	602.51	0.00	0.00	602.66	0.15	0.03	0.02	599.10
1180.	79.	1068.	32.	174.	332.	53.	64.	15.	599.10
0.49	0.46	3.22	0.60	0.070	0.027	0.070	0.000	591.20	354.00
0.000238	149.	149.	149.	2	0	0	0.00	206.00	560.00

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*SECNO 2562.000

3470 ENCROACHMENT STATIONS=      288.0      354.0  TYPE=      1  TARGET=       66.000
           DOWNSTREAM OF HURON RD.
   2562.00     10.79    602.49      0.00      0.00    602.83      0.33      0.11      0.06    602.70
    1180.        0.      1173.        7.        0.       253.       12.       67.       16.    601.40
      0.51      0.00      4.64      0.56     0.000     0.027     0.070     0.000    591.70    300.49
 0.000774       280.       280.       280.         2         0         0      0.00     53.51    354.00

*SECNO 2611.000

3470 ENCROACHMENT STATIONS=      300.0      342.0  TYPE=      1  TARGET=       42.000
   2611.00     10.67    602.67      0.00      0.00    602.87      0.20      0.03      0.01    602.70
    1180.        0.      1180.        0.        0.       332.        0.       67.       16. 100000.00
      0.51      0.00      3.55      0.00     0.000     0.027     0.000     0.000    592.00    300.04
 0.000385        49.        49.        49.         2         0         0      0.00     41.94    341.99

CCHV=   0.300 CEHV=   0.500
*SECNO 2613.000

3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD=  602.30 MAX ELLC=  599.50

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS     300.00     312.00
   2613.00     10.45    602.45      0.00      0.00    603.09      0.64      0.00      0.22    602.70
    1180.        0.      1180.        0.        0.       184.        0.       67.       16.    602.70
      0.51      0.00      6.41      0.00     0.000     0.027     0.000     0.000    592.00    300.37
 0.004270         2.         2.         2.         3         0         0   -139.07     41.54    341.91

*SECNO 2649.000
3280 CROSS SECTION   2649.00 EXTENDED      0.16 FEET

3370 NORMAL BRIDGE,NRD= 23 MIN ELTRD=  602.60 MAX ELLC=  599.50

3470 ENCROACHMENT STATIONS=      300.0      342.0  TYPE=      1  TARGET=       42.000

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS     300.00     312.00
   2649.00     10.66    602.66      0.00      0.00    603.27      0.61      0.17      0.01    602.70
    1180.        0.      1180.        0.        0.       188.        0.       67.       16. 100000.00
      0.52      0.00      6.27      0.00     0.000     0.027     0.000     0.000    592.00    300.06
 0.005210        36.        36.        36.         3         0         0   -143.62     41.92    341.98
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 2651.000

3470 ENCROACHMENT STATIONS=		300.0	342.0	TYPE=	1	TARGET=	42.000		
2651.00	11.14	603.14	0.00	0.00	603.31	0.17	0.00	0.04	602.70
1180.	0.	1180.	0.	0.	352.	0.	67.	16.	100000.00
0.52	0.00	3.35	0.00	0.000	0.027	0.000	0.000	592.00	300.00
0.000325	2.	2.	2.	2	0	0	0.00	42.00	342.00

*SECNO 2700.000

3470 ENCROACHMENT STATIONS=		286.0	356.0	TYPE=	1	TARGET=	70.000		
UPSTREAM OF HURON RD.									
2700.00	11.40	603.10	0.00	0.00	603.36	0.26	0.02	0.03	602.40
1180.	4.	1162.	14.	10.	281.	22.	68.	16.	601.40
0.52	0.39	4.14	0.63	0.070	0.027	0.070	0.000	591.70	286.00
0.000544	49.	49.	49.	2	0	0	0.00	70.00	356.00

*SECNO 3800.000
3280 CROSS SECTION 3800.00 EXTENDED 0.56 FEET

3470 ENCROACHMENT STATIONS=		480.0	550.0	TYPE=	1	TARGET=	70.000		
DOWNSTREAM OF I-75 EXIT RAMP									
3800.00	10.56	603.56	0.00	0.00	603.68	0.12	0.31	0.01	598.00
1180.	78.	1078.	23.	107.	365.	40.	78.	18.	598.60
0.63	0.73	2.95	0.59	0.070	0.027	0.070	0.000	593.00	480.00
0.000171	1100.	1100.	1100.	1	0	0	0.00	70.00	550.00

*SECNO 3849.000

3849.00	9.65	603.55	0.00	0.00	603.70	0.15	0.01	0.01	606.10
1180.	0.	1180.	0.	0.	378.	0.	79.	18.	606.10
0.63	0.00	3.12	0.00	0.000	0.027	0.000	0.000	593.90	500.00
0.000263	49.	49.	49.	2	0	0	0.00	46.00	546.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3851.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10									
3851.00	9.44	603.34	0.00	0.00	603.91	0.57	0.00	0.21	606.10
1180.	0.	1180.	0.	0.	196.	0.	79.	18.	606.10
0.64	0.00	6.04	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.001133	2.	2.	2.	2	0	0	-172.89	46.00	546.00
*SECNO 3893.000									
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10									
3893.00	9.49	603.39	0.00	0.00	603.95	0.57	0.05	0.00	606.10
1180.	0.	1180.	0.	0.	196.	0.	79.	18.	606.10
0.64	0.00	6.04	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.001133	42.	42.	42.	1	0	0	-174.66	46.00	546.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3895.000									
3895.00	9.96	603.86	0.00	0.00	604.00	0.14	0.00	0.04	606.10
1180.	0.	1180.	0.	0.	392.	0.	79.	18.	606.10
0.64	0.00	3.01	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.000073	2.	2.	2.	2	0	0	0.00	46.00	546.00
*SECNO 3929.000									
3280 CROSS SECTION 3929.00 EXTENDED 0.87 FEET									
3470 ENCROACHMENT STATIONS= 488.0 553.0 TYPE= 1 TARGET= 65.000									
UPSTREAM OF I-75 EXIT RAMP									
DOWNSTREAM OF N+S BOUND I-75									
3929.00	10.87	603.87	0.00	0.00	604.00	0.13	0.00	0.00	598.00
1130.	26.	1133.	21.	69.	378.	58.	79.	18.	598.60
0.64	0.38	3.00	0.36	0.070	0.015	0.070	0.000	593.00	488.00
0.000052	34.	34.	34.	1	0	0	0.00	65.00	553.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3978.000									
3978.00	10.13	603.83	0.00	0.00	604.05	0.22	0.01	0.04	613.30
1180.	0.	1180.	0.	0.	315.	0.	80.	18.	612.30
0.64	0.00	3.74	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000412	49.	49.	49.	2	0	0	0.00	39.00	439.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	SWP	BAREA	SS	ELCHU	ELCHD
	0.95	2.60	2.63	0.00	22.00	1.00	177.00	0.00	594.00	594.00

*SECNO 4200.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.62	604.06	0.01	0.	1180.	177.	172.	602.20	612.30

4200.00	11.77	605.47	0.00	0.00	605.62	0.15	1.58	0.00	613.30
1180.	0.	1180.	0.	0.	379.	0.	81.	18.	612.30
0.66	0.00	3.11	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000241	222.	222.	222.	2	0	0	0.00	39.00	439.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4249.000
3280 CROSS SECTION 4249.00 EXTENDED 2.60 FEET

3470 ENCROACHMENT STATIONS= 450.0 587.0 TYPE= 1 TARGET= 137.000
UPSTREAM OF N+S BOUND I-75

4249.00	12.60	605.60	0.00	0.00	605.64	0.04	0.00	0.01	598.00
1180.	183.	837.	160.	355.	451.	317.	82.	18.	598.60
0.67	0.52	1.86	0.51	0.070	0.027	0.070	0.000	593.00	450.00
0.000051	49.	49.	49.	2	0	0	0.00	137.00	587.00

*SECNO 4749.000
3280 CROSS SECTION 4749.00 EXTENDED 0.15 FEET

3470 ENCROACHMENT STATIONS= 170.0 675.0 TYPE= 1 TARGET= 505.000
DOWNSTREAM OF SEAWAY ROAD

4749.00	11.95	605.65	0.00	0.00	605.66	0.02	0.02	0.00	598.90
1180.	543.	525.	113.	1491.	363.	391.	102.	22.	599.70
0.84	0.36	1.44	0.29	0.070	0.027	0.070	0.000	593.70	170.00
0.000040	500.	500.	500.	2	0	0	0.00	505.00	675.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 4798.000
3280 CROSS SECTION 4798.00 EXTENDED 3.65 FEET

3470 ENCROACHMENT STATIONS=			185.0	665.0	TYPE=	1	TARGET=	480.000		
4798.00	111.16	605.66	0.00	0.00	605.67	0.01	0.00	0.00	603.00	
1180.	291.	649.	240.	573.	557.	516.	104.	23.	603.40	
0.85	0.51	1.17	0.46	0.070	0.027	0.070	0.000	494.50	185.00	
0.000155	49.	49.	49.	0	0	0	0.00	480.00	665.00	

Gearwy

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.63	0.00	29.00	0.00	146.00	0.00	594.20	594.20

*SECNO 4855.000
PRESS FLOW BECAUSE EGLWC OF 705.37 EXCEEDS 1.5 DEPTH
3280 CROSS SECTION 4855.00 EXTENDED 3.69 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
607.30	705.37	0.00	994.	185.	146.	189.	600.70	603.00

3470 ENCROACHMENT STATIONS=			200.0	650.0	TYPE=	1	TARGET=	450.000		
4855.00	111.18	605.68	0.00	0.00	605.70	0.01	0.03	0.00	603.00	
1180.	288.	666.	227.	548.	559.	480.	106.	23.	603.40	
0.87	0.53	1.19	0.47	0.070	0.027	0.070	0.000	494.50	200.00	
0.000161	57.	57.	57.	1	0	6	0.00	450.00	650.00	

CCHV= 0.100 CEHV= 0.300
*SECNO 4904.000
3280 CROSS SECTION 4904.00 EXTENDED 0.19 FEET

3470 ENCROACHMENT STATIONS=			215.0	640.0	TYPE=	1	TARGET=	425.000		

UPSTREAM OF SEAWAY ROAD

PRINTED IN U.S.A

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
4904.00	11.98	605.68	0.00	0.00	605.70	0.02	0.00	0.00	598.90
1180.	515.	560.	105.	1316.	365.	324.	108.	24.	599.70
0.89	0.39	1.53	0.33	0.070	0.027	0.070	0.000	593.70	215.00
0.000045	49.	49.	49.	0	0	0	0.00	425.00	640.00

*SECNO 5604.000

3470 ENCROACHMENT STATIONS= 477.0 552.0 TYPE= 1 TARGET= 75.000

DOWNSTREAM OF R.R.BRIDGE

5604.00	10.73	605.63	0.00	0.00	605.82	0.19	0.07	0.05	600.30
1180.	124.	931.	125.	120.	240.	122.	128.	28.	600.30
0.95	1.03	3.87	1.02	0.070	0.027	0.070	0.000	594.90	477.00
0.000341	700.	700.	700.	2	0	0	0.00	75.00	552.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5668.000

5668.00	10.33	605.63	0.00	0.00	605.85	0.22	0.02	0.02	610.60
1180.	0.	1180.	0.	0.	311.	0.	128.	28.	610.60
0.95	0.00	3.80	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000175	64.	64.	64.	1	0	0	0.00	42.00	442.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	14.50	2.00	402.00	2.00	595.30	595.30

*SECNO 5684.000

CLASS A LOW FLOW

3420 BRIDGE W.S.= 605.61 BRIDGE VELOCITY=, 3.46 CALCULATED CHANNEL AREA=, 341.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD
0.00	605.87	0.01	0.	1180.	402.	456.	607.60	610.60

5684.00	10.34	605.64	0.00	0.00	605.87	0.22	0.01	0.00	610.60
1180.	0.	1180.	0.	0.	311.	0.	129.	28.	610.60
0.95	0.00	3.79	0.00	0.000	0.017	0.000	0.000	595.30	400.00
0.000174	16.	16.	16.	0	0	0	0.00	42.00	442.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 5733.000

3470 ENCROACHMENT STATIONS= 440.0 582.0 TYPE= 1 TARGET= 142.000
UPSTREAM OF R.R.BRIDGE

5733.00	10.85	605.75	0.00	0.00	605.88	0.13	0.01	0.01	600.30
1180.	192.	834.	155.	308.	244.	263.	129.	28.	600.30
0.96	0.62	3.42	0.59	0.070	0.017	0.070	0.000	594.90	440.00
0.000103	49.	49.	49.	2	0	0	0.00	142.00	582.00

*SECNO 5833.000
3280 CROSS SECTION 5833.00 EXTENDED 1.82 FEET

3470 ENCROACHMENT STATIONS= 340.0 682.0 TYPE= 1 TARGET= 342.000
DOWNSTREAM OF EURIKA ROAD

5833.00	10.32	605.82	0.00	0.00	605.90	0.08	0.01	0.00	603.30
1180.	213.	797.	170.	520.	290.	434.	132.	29.	602.60
0.97	0.41	2.75	0.39	0.070	0.017	0.070	0.000	595.50	340.00
0.000079	100.	100.	100.	2	0	0	0.00	342.00	682.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5882.000
3280 CROSS SECTION 5882.00 EXTENDED 9.39 FEET

3470 ENCROACHMENT STATIONS= 100.0 522.0 TYPE= 1 TARGET= 422.000

5882.00	9.39	605.89	0.00	0.00	605.92	0.02	0.00	0.02	602.90
1180.	204.	773.	203.	568.	508.	515.	133.	29.	603.50
0.98	0.36	1.52	0.39	0.060	0.027	0.060	0.000	596.50	100.00
0.000053	49.	49.	49.	2	0	0	0.00	422.00	522.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.63	2.63	0.00	36.00	0.00	125.00	0.00	596.00	596.00

*SECNO 5984.000
3280 CROSS SECTION 5984.00 EXTENDED 9.47 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.53	605.42	0.00	1010.	170.	125.	151.	600.20	602.90

3470 ENCROACHMENT STATIONS= 35.0 650.0 TYPE= 1 TARGET= 615.000

5984.00	9.46	605.96	0.00	0.00	605.97	0.01	0.05	0.00	602.90
1180.	175.	526.	479.	733.	513.	1359.	138.	30.	603.50
1.03	0.24	1.02	0.35	0.060	0.027	0.060	0.000	596.50	35.00
0.000024	102.	102.	102.	0	0	7	0.00	615.00	650.00

CCHV= 0.100 CEHV= 0.300

*SECNO 6033.000

3280 CROSS SECTION 6033.00 EXTENDED 1.96 FEET

3470 ENCROACHMENT STATIONS= 150.0 740.0 TYPE= 1 TARGET= 590.000

UPSTREAM OF EURIKA ROAD

6033.00	10.45	605.95	0.00	0.00	605.97	0.02	0.00	0.00	603.30
1180.	451.	468.	262.	1070.	296.	623.	141.	31.	602.60
1.04	0.42	1.58	0.42	0.060	0.027	0.060	0.000	595.50	150.00
0.000064	49.	49.	49.	0	0	0	0.00	590.00	740.00

*SECNO 6533.000

3280 CROSS SECTION 6533.00 EXTENDED 2.48 FEET

3470 ENCROACHMENT STATIONS= 355.0 695.0 TYPE= 1 TARGET= 340.000

DOWNSTREAM OF RACHO ROAD

6533.00	10.78	605.98	0.00	0.00	606.00	0.02	0.03	0.00	601.50
1180.	321.	437.	421.	621.	254.	774.	162.	36.	601.30
1.19	0.52	1.72	0.54	0.060	0.027	0.060	0.000	595.20	355.00
0.000064	500.	500.	500.	0	0	0	0.00	340.00	695.00

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6582.000
3280 CROSS SECTION 6582.00 EXTENDED 2.95 FEET

3470 ENCROACHMENT STATIONS= 140.0 455.0 TYPE= 1 TARGET= 315.000

6582.00	10.75	605.95	0.00	0.00	606.05	0.10	0.01	0.04	604.50
1180.	267.	717.	196.	359.	230.	270.	163.	37.	604.50
1.19	0.74	3.12	0.73	0.060	0.027	0.060	0.000	595.20	140.00
0.000299	49.	49.	49.	2	0	0	0.00	315.00	455.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	10.00	0.00	51.00	0.00	595.20	595.20

*SECNO 6690.000
6870 D.S. ENERGY OF 606.05 HIGHER THAN COMPUTED ENERGY OF 606.01
3280 CROSS SECTION 6690.00 EXTENDED 2.91 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
625.99	606.05	0.00	1116.	64.	51.	64.	601.60	604.50

3470 ENCROACHMENT STATIONS= 170.0 430.0 TYPE= 1 TARGET= 260.000

6690.00	10.71	605.91	0.00	0.00	606.05	0.14	0.00	0.00	604.50
1180.	222.	812.	147.	273.	228.	192.	165.	37.	604.50
1.20	0.81	3.55	0.76	0.060	0.027	0.060	0.000	595.20	170.00
0.000391	108.	108.	108.	2	0	7	0.00	260.00	430.00

CCHV= 0.100 CEHV= 0.300
*SECNO 6739.000
3280 CROSS SECTION 6739.00 EXTENDED 2.53 FEET

3470 ENCROACHMENT STATIONS= 407.0 643.0 TYPE= 1 TARGET= 236.000
UPSTREAM OF RACHO ROAD

6739.00	10.83	606.03	0.00	0.00	606.07	0.03	0.01	0.01	601.50
1180.	273.	537.	371.	425.	255.	553.	166.	38.	601.30
1.21	0.64	2.10	0.67	0.060	0.027	0.060	0.000	595.20	407.00
0.000094	49.	49.	49.	2	0	0	0.00	236.00	643.00

PRINTED IN U.S.A

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7439.000

3470 ENCROACHMENT STATIONS= 480.0 560.0 TYPE= 1 TARGET= 80.000

DOWNSTREAM OF DRIVE TO SHOPPING CENTER

7439.00	10.11	605.81	0.00	0.00	606.26	0.45	0.07	0.12	605.20
1180.	3.	1114.	63.	7.	202.	50.	171.	39.	603.60
1.23	0.44	5.52	1.27	0.060	0.027	0.060	0.000	595.70	480.00
0.001196	300.	300.	300.	2	0	0	0.00	80.00	560.00

CCHV= 0.300 CEHV= 0.500

*SECNO 7488.000

7488.00	8.92	606.22	0.00	0.00	606.37	0.16	0.03	0.09	607.50
1180.	0.	1180.	0.	0.	372.	0.	171.	39.	607.90
1.23	0.00	3.17	0.00	0.000	0.027	0.000	0.000	597.30	201.86
0.000287	49.	49.	49.	2	0	0	0.00	52.60	254.46

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.71	2.63	0.00	32.00	0.00	107.00	0.00	597.30	597.30

*SECNO 7580.000

3280 CROSS SECTION 7580.00 EXTENDED 1.85 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.44	606.37	0.00	133.	1040.	107.	157.	602.20	607.50

3470 ENCROACHMENT STATIONS= 150.0 386.0 TYPE= 1 TARGET= 236.000

7580.00	11.35	608.65	0.00	0.00	608.72	0.08	2.35	0.00	607.50
1180.	26.	1136.	18.	70.	505.	90.	173.	39.	607.90
1.25	0.37	2.25	0.20	0.050	0.027	0.060	0.000	597.30	150.00
0.000106	92.	92.	92.	2	0	2	0.00	236.00	386.00

CCHV= 0.100 CEHV= 0.300

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 7629.000

3280 CROSS SECTION 7629.00 EXTENDED 0.46 FEET

3470 ENCROACHMENT STATIONS= 402.0 645.0 TYPE= 1 TARGET= 243.000

UPSTREAM OF DRIVE TO SHOPPING CENTER

7629.00	12.97	603.67	0.00	0.00	608.73	0.06	0.01	0.00	605.20
1180.	140.	745.	296.	251.	298.	417.	173.	39.	603.60
1.25	0.56	2.50	0.71	0.060	0.027	0.060	0.000	595.70	402.00
0.000145	49.	49.	49.	0	0	0	0.00	243.00	645.00

*SECNO 8001.000

DOWNSTREAM OF SHOPPING CENTER DRIVE

8001.00	12.67	608.67	0.00	0.00	608.83	0.15	0.07	0.03	605.70
1180.	38.	1141.	0.	98.	358.	5.	180.	41.	608.40
1.29	0.39	3.19	0.10	0.060	0.027	0.060	0.000	596.00	346.75
0.000241	372.	372.	372.	2	0	0	0.00	230.35	577.10

CCHV= 0.300 CEHV= 0.500

*SECNO 8050.000

3280 CROSS SECTION 8050.00 EXTENDED 0.76 FEET

3470 ENCROACHMENT STATIONS= 290.0 545.0 TYPE= 1 TARGET= 255.000

8050.00	12.56	608.76	0.00	0.00	608.85	0.09	0.01	0.02	608.50
1180.	7.	1173.	0.	45.	482.	0.	180.	42.	609.10
1.29	0.14	2.44	0.00	0.070	0.027	0.000	0.000	596.20	290.00
0.000150	49.	49.	49.	2	0	0	0.00	167.49	457.49

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	28.00	0.00	130.00	0.00	596.20	596.20

*SECNO 8163.000

3265 DIVIDED FLOW

3280 CROSS SECTION 8163.00 EXTENDED 1.08 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.03	608.85	0.00	693.	495.	130.	185.	602.80	608.50

3470 ENCROACHMENT STATIONS= 280.0 560.0 TYPE= 1 TARGET= 280.000

8163.00	12.88	609.08	0.00	0.00	609.16	0.08	0.31	0.00	608.50
1180.	17.	1163.	0.	87.	500.	4.	182.	42.	609.10
1.31	0.20	2.33	0.08	0.070	0.027	0.070	0.000	596.20	280.00
0.000132	113.	113.	113.	2	0	4	0.00	199.91	560.00

CCHV= 0.100 CEHV= 0.300

*SECNO 8212.000

3470 ENCROACHMENT STATIONS= 334.0 589.0 TYPE= 1 TARGET= 255.000

UPSTREAM OF SHOPPING CENTER DRIVE

8212.00	13.05	609.05	0.00	0.00	609.18	0.13	0.01	0.01	605.70
1180.	55.	1121.	4.	160.	374.	21.	182.	42.	608.40
1.31	0.34	3.00	0.18	0.070	0.027	0.070	0.000	596.00	334.00
0.000201	49.	49.	49.	2	0	0	0.00	255.00	589.00

*SECNO 8537.000

DOWNSTREAM OF SHOPPING CENTER DRIVE

8537.00	11.47	609.07	0.00	0.00	609.33	0.26	0.10	0.04	607.40
1180.	46.	1134.	0.	87.	273.	0.	186.	44.	609.00
1.33	0.53	4.15	0.05	0.070	0.027	0.070	0.000	597.60	286.45
0.000601	325.	325.	325.	2	0	0	0.00	158.63	445.08

CCHV= 0.300 CEHV= 0.500

*SECNO 8586.000

3470 ENCROACHMENT STATIONS= 188.0 448.0 TYPE= 1 TARGET= 260.000

8586.00	11.08	609.28	0.00	0.00	609.39	0.11	0.01	0.05	608.60
1180.	12.	1166.	2.	60.	442.	18.	186.	44.	609.10
1.34	0.20	2.64	0.10	0.070	0.027	0.070	0.000	598.20	188.00
0.000183	49.	49.	49.	2	0	0	0.00	260.00	448.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.72	2.63	0.00	29.00	0.00	125.00	0.00	598.20	598.20

*SECNO 8683.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.66	609.39	0.00	629.	558.	125.	186.	604.60	608.60

3470 ENCROACHMENT STATIONS= 186.0 486.0 TYPE= 1 TARGET= 300.000

8683.00	11.52	609.72	0.00	0.00	609.81	0.09	0.43	0.00	608.60
1180.	28.	1138.	13.	111.	467.	74.	187.	45.	609.10
1.35	0.25	2.44	0.18	0.070	0.027	0.070	0.000	598.20	186.00
0.000145	97.	97.	97.	2	0	4	0.00	300.00	486.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8732.000
UPSTREAM OF SHOPPING CENTER DR.

8732.00	12.06	609.66	0.00	0.00	609.85	0.19	0.01	0.03	607.40
1180.	94.	1084.	2.	189.	298.	10.	188.	45.	609.00
1.35	0.50	3.63	0.21	0.070	0.027	0.070	0.000	597.60	181.82
0.000409	49.	49.	49.	2	0	0	0.00	290.35	472.16

*SECNO 9057.000
3280 CROSS SECTION 9057.00 EXTENDED 2.37 FEET

DOWNSTREAM OF SHOPPING CENTER DRIVE

9057.00	12.07	609.87	0.00	0.00	609.91	0.04	0.04	0.01	606.70
1180.	96.	892.	192.	351.	478.	498.	195.	48.	603.30
1.41	0.27	1.87	0.39	0.070	0.027	0.070	0.000	597.80	194.39
0.000062	325.	325.	325.	2	0	0	0.00	405.61	600.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9106.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 9106.00 EXTENDED 3.89 FEET

3470 ENCROACHMENT STATIONS=		110.0	600.0	TYPE=	1	TARGET=	490.000		
9106.00	11.39	609.89	0.00	0.00	609.92	0.02	0.00	0.01	607.90
1180.	65.	695.	419.	282.	440.	1021.	197.	48.	607.40
1.43	0.23	1.58	0.41	0.070	0.027	0.070	0.000	598.50	110.00
0.000058	49.	49.	49.	1	0	0	0.00	490.00	600.00

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.70	2.63	0.00	30.00	0.00	126.00	0.00	598.50	598.50

*SECNO 9201.000
3280 CROSS SECTION 9201.00 EXTENDED 3.93 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.21	609.92	0.00	986.	191.	126.	183.	604.60	607.40

3470 ENCROACHMENT STATIONS=		135.0	575.0	TYPE=	1	TARGET=	440.000		
9201.00	11.43	609.93	0.00	0.00	609.95	0.03	0.04	0.00	607.90
1180.	70.	716.	393.	283.	442.	931.	200.	49.	607.40
1.45	0.25	1.62	0.42	0.070	0.027	0.070	0.000	598.50	135.00
0.000060	95.	95.	95.	2	0	6	0.00	440.00	575.00

CCHV= 0.100 CEHV= 0.300
*SECNO 9250.000
3280 CROSS SECTION 9250.00 EXTENDED 2.43 FEET

3470 ENCROACHMENT STATIONS=		190.0	605.0	TYPE=	1	TARGET=	415.000		
UPSTREAM OF SHOPPING CENTER DRIVE									
9250.00	12.12	609.92	0.00	0.00	609.96	0.04	0.00	0.00	606.80
1180.	98.	887.	195.	361.	480.	506.	202.	50.	603.30
1.46	0.27	1.85	0.39	0.070	0.027	0.070	0.000	597.80	190.00
0.000060	49.	49.	49.	1	0	0	0.00	410.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9607.000
3280 CROSS SECTION 9607.00 EXTENDED 3.97 FEET

3470 ENCROACHMENT STATIONS= 35.0 770.0 TYPE= 1 TARGET= 735.000
DOWNSTREAM OF NEW PARDEE ROAD

9607.00	11.27	609.97	0.00	0.00	609.98	0.02	0.02	0.00	605.70
1180.	289.	483.	408.	1008.	313.	994.	217.	54.	605.70
1.58	0.29	1.55	0.41	0.070	0.027	0.070	0.000	598.70	35.00
0.000055	357.	357.	357.	2	0	0	0.00	735.00	770.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9676.000
3280 CROSS SECTION 9676.00 EXTENDED 3.97 FEET

9676.00	10.98	609.98	0.00	0.00	609.99	0.01	0.00	0.00	605.50
1180.	292.	527.	361.	1186.	442.	1158.	221.	55.	605.30
1.60	0.25	1.19	0.31	0.070	0.027	0.070	0.000	599.00	0.00
0.000028	69.	69.	69.	0	0	0	0.00	700.00	700.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHO	ELCHD
	0.00	1.90	2.63	0.00	27.00	0.00	95.00	0.00	599.00	599.00

*SECNO 9676.000
3280 CROSS SECTION 9676.00 EXTENDED 4.02 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.53	609.99	0.00	1061.	119.	95.	127.	603.70	605.30

9676.00	11.01	610.01	0.00	0.00	610.02	0.01	0.04	0.00	605.50
1180.	294.	524.	362.	1205.	444.	1170.	227.	57.	605.30
1.64	0.24	1.18	0.31	0.070	0.027	0.070	0.000	599.00	0.00
0.000027	98.	98.	98.	1	0	6	0.00	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 9823.000
3280 CROSS SECTION 9823.00 EXTENDED 4.02 FEET

UPSTREAM OF NEW PARDEE RD.

9823.00	11.31	610.01	0.00	0.00	610.03	0.01	0.00	0.00	605.70
1180.	282.	460.	438.	1040.	314.	1127.	230.	58.	605.70
1.66	0.27	1.46	0.39	0.070	0.027	0.070	0.000	598.70	0.00
0.000049	49.	49.	49.	0	0	0	0.00	800.00	800.00

*SECNO 10293.000
3280 CROSS SECTION 10293.00 EXTENDED 4.03 FEET

DOWNSTREAM OF DRIVEWAY TO BIG@M@

10293.00	10.64	610.04	0.00	0.00	610.06	0.02	0.03	0.00	607.30
1180.	205.	523.	453.	681.	320.	1019.	255.	66.	606.90
1.80	0.30	1.63	0.44	0.070	0.027	0.070	0.000	599.40	148.46
0.000071	470.	470.	470.	0	0	0	0.00	651.54	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10342.000
3280 CROSS SECTION 10342.00 EXTENDED 3.04 FEET

10342.00	11.25	610.05	0.00	0.00	610.06	0.01	0.00	0.00	608.80
1180.	5.	533.	641.	54.	384.	1815.	257.	66.	607.30
1.82	0.09	1.39	0.35	0.070	0.027	0.070	0.000	598.80	260.10
0.000044	49.	49.	49.	0	0	0	0.00	639.90	900.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	20.00	2.00	124.00	0.00	588.80	588.80

*SECNO 10400.000
3280 CROSS SECTION 10400.00 EXTENDED 3.09 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.45	610.06	0.00	1002.	177.	124.	297.	605.30	607.30

10400.00	11.29	610.09	0.00	0.00	610.10	0.01	0.04	0.00	608.80
1180.	6.	530.	644.	61.	386.	1839.	260.	67.	607.30
1.84	0.10	1.37	0.35	0.070	0.027	0.070	0.000	598.80	251.22
0.000042	58.	58.	58.	1	0	6	0.00	648.78	900.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10449.000
3280 CROSS SECTION 10449.00 EXTENDED 4.09 FEET

3470 ENCROACHMENT STATIONS= 160.0 785.0 TYPE= 1 TARGET= 625.000
UPSTREAM OF DRIVEWAY TO BIG@M@

10449.00	10.68	610.08	0.00	0.00	610.10	0.02	0.00	0.00	607.30
1180.	214.	530.	436.	699.	322.	972.	262.	68.	606.90
1.85	0.31	1.64	0.45	0.070	0.027	0.070	0.000	599.40	160.00
0.000071	49.	49.	49.	0	0	0	0.00	625.00	785.00

*SECNO 10754.000
3280 CROSS SECTION 10754.00 EXTENDED 4.10 FEET

3470 ENCROACHMENT STATIONS= 310.0 780.0 TYPE= 1 TARGET= 470.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

10754.00	10.90	610.10	0.00	0.00	610.13	0.04	0.02	0.00	609.40
1180.	37.	724.	419.	189.	382.	885.	275.	72.	605.60
1.91	0.20	1.89	0.47	0.070	0.027	0.070	0.000	599.20	310.00
0.000085	305.	305.	305.	0	0	0	0.00	470.00	780.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10803.000
3230 CROSS SECTION 10803.00 EXTENDED 2.10 FEET

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
10803.00	10.69	610.09	0.00	0.00	610.15	0.06	0.01	0.01	609.20
1180.	3.	805.	372.	20.	340.	835.	276.	72.	608.00
1.92	0.15	2.37	0.45	0.070	0.027	0.070	0.000	599.40	255.23
0.000142	49.	49.	49.	1	0	0	0.00	444.77	700.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.75	2.63	0.00	19.00	1.00	120.00	0.00	599.40	599.40

*SECNO 10871.000
3280 CROSS SECTION 10871.00 EXTENDED 2.11 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.72	610.15	0.00	977.	199.	120.	115.	605.80	608.10

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

10871.00	10.71	610.11	0.00	0.00	610.16	0.05	0.01	0.00	609.20
1180.	3.	804.	373.	20.	340.	838.	278.	73.	608.00
1.93	0.15	2.36	0.45	0.070	0.027	0.070	0.000	599.40	254.75
0.000141	68.	68.	68.	2	0	6	0.00	445.25	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10920.000
3280 CROSS SECTION 10920.00 EXTENDED 4.14 FEET

3470 ENCROACHMENT STATIONS= 274.0 819.0 TYPE= 1 TARGET= 545.000
UPSTREAM OF DRIVEWAY TO @BIG M@

10920.00	10.74	610.14	0.00	0.00	610.17	0.03	0.00	0.00	609.40
1180.	44.	570.	466.	235.	382.	1050.	279.	74.	605.60
1.94	0.19	1.75	0.44	0.070	0.027	0.070	0.000	599.40	274.00
0.000073	49.	49.	49.	2	0	0	0.00	545.00	819.00

HINTON U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11098.000
3280 CROSS SECTION 11098.00 EXTENDED 2.16 FEET

3470 ENCROACHMENT STATIONS= 100.0 775.0 TYPE= 1 TARGET= 675.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

11098.00	10.65	610.15	0.00	0.00	610.19	0.03	0.01	0.00	607.50
1180.	293.	692.	195.	805.	358.	532.	286.	76.	607.30
1.98	0.36	1.93	0.37	0.070	0.027	0.070	0.000	599.50	100.00
0.000096	178.	178.	178.	0	0	0	0.00	675.00	775.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11147.000
3280 CROSS SECTION 11147.00 EXTENDED 0.13 FEET

11147.00	10.23	610.13	0.00	0.00	610.23	0.10	0.01	0.03	609.10
1180.	10.	954.	217.	57.	332.	555.	288.	77.	608.60
1.99	0.17	2.88	0.39	0.070	0.027	0.070	0.000	599.90	134.33
0.000214	49.	49.	49.	2	0	0	0.00	665.67	800.00

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.95	1.71	2.63	0.00	19.00	1.00	107.00	0.00	600.00	600.00

*SECNO 11205.000
6870 D.S. ENERGY OF 610.23 HIGHER THAN COMPUTED ENERGY OF 610.21
3280 CROSS SECTION 11205.00 EXTENDED 0.13 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.36	610.24	0.00	993.	187.	107.	106.	605.90	608.60

11205.00	10.23	610.13	0.00	0.00	610.23	0.10	0.00	0.00	609.10
1180.	10.	954.	217.	57.	332.	555.	289.	78.	608.60
2.00	0.17	2.88	0.39	0.070	0.027	0.070	0.000	599.90	134.31
0.000214	58.	58.	58.	2	0	7	0.00	665.69	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 11254.000
3280 CROSS SECTION 11254.00 EXTENDED 2.21 FEET

3470 ENCROACHMENT STATIONS= 90.0 780.0 TYPE= 1 TARGET= 690.000
UPSTREAM OF DRIVEWAY TO @BIG M@

11254.00	10.71	610.21	0.00	0.00	610.24	0.03	0.01	0.01	607.50
1180.	297.	683.	200.	829.	360.	554.	291.	78.	607.30
2.01	0.36	1.90	0.36	0.070	0.027	0.070	0.000	599.50	90.00
0.000091	49.	49.	49.	2	0	0	0.00	690.00	780.00

*SECNO 11404.000
3280 CROSS SECTION 11404.00 EXTENDED 1.71 FEET

3470 ENCROACHMENT STATIONS= 250.0 900.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF SYRACUSE RD.

11404.00	9.61	610.21	0.00	0.00	610.28	0.06	0.02	0.01	607.30
1180.	83.	579.	518.	190.	207.	832.	296.	81.	608.30
2.03	0.44	2.80	0.62	0.070	0.027	0.070	0.000	600.60	285.08
0.000287	150.	150.	150.	2	0	0	0.00	614.92	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11453.000
3280 CROSS SECTION 11453.00 EXTENDED 0.72 FEET

3470 ENCROACHMENT STATIONS= 175.0 800.0 TYPE= 1 TARGET= 625.000

11453.00	10.03	610.23	0.00	0.00	610.29	0.06	0.01	0.00	607.40
1180.	144.	614.	422.	307.	228.	767.	297.	81.	607.00
2.04	0.47	2.69	0.55	0.070	0.027	0.070	0.000	600.20	184.64
0.000212	49.	49.	49.	0	0	0	0.00	615.36	800.00

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.38	2.63	0.00	18.00	0.00	68.00	0.00	600.20	600.20

*SECNO 11643.000
3280 CROSS SECTION 11643.00 EXTENDED 0.74 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
621.36	610.29	0.00	1089.	91.	68.	104.	606.00	607.00

11643.00	10.04	610.24	0.00	0.00	610.29	0.06	0.01	0.00	607.40
1180.	145.	612.	423.	310.	229.	772.	303.	84.	607.00
2.07	0.47	2.67	0.55	0.070	0.027	0.070	0.000	600.20	184.04
0.000210	190.	190.	190.	2	0	7	0.00	615.96	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11692.000
3280 CROSS SECTION 11692.00 EXTENDED 1.75 FEET

UPSTREAM OF SYRACUSE RD.

11692.00	9.65	610.25	0.00	0.00	610.31	0.06	0.01	0.00	607.30
1180.	85.	574.	521.	197.	208.	844.	304.	85.	608.30
2.08	0.43	2.77	0.62	0.070	0.027	0.070	0.000	600.60	283.55
0.000277	49.	49.	49.	0	0	0	0.00	616.45	900.00

*SECNO 12692.000
3280 CROSS SECTION 12692.00 EXTENDED 2.17 FEET

3470 ENCROACHMENT STATIONS= 370.0 705.0 TYPE= 1 TARGET= 335.000

DOWNSTREAM OF NB OF TELEGRAPH RD.

12692.00	7.97	610.57	0.00	0.00	610.66	0.10	0.34	0.01	607.40
1180.	137.	526.	517.	210.	145.	555.	329.	96.	607.20
2.21	0.65	3.62	0.93	0.070	0.027	0.070	0.000	602.60	370.00
0.000441	1000.	1000.	1000.	2	0	0	0.00	335.00	705.00

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 12741.000
3280 CROSS SECTION 12741.00 EXTENDED 1.10 FEET

3470 ENCROACHMENT STATIONS= 230.0 540.0 TYPE= 1 TARGET= 310.000

12741.00	8.70	610.50	0.00	0.00	610.78	0.28	0.03	0.09	609.40
1180.	210.	970.	0.	297.	208.	0.	330.	96.	609.40
2.22	0.71	4.67	0.00	0.060	0.027	0.000	0.000	601.80	230.00
0.000717	49.	49.	49.	2	0	0	0.00	299.00	529.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.49	2.63	0.00	12.00	0.00	52.00	0.00	601.80	601.80

*SECNO 12831.000
6870 D.S. ENERGY OF 610.78 HIGHER THAN COMPUTED ENERGY OF 610.67
3280 CROSS SECTION 12831.00 EXTENDED 1.08 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
630.41	610.78	0.00	1070.	109.	52.	56.	606.50	609.40

3470 ENCROACHMENT STATIONS= 270.0 530.0 TYPE= 1 TARGET= 260.000

12831.00	8.67	610.47	0.00	0.00	610.78	0.31	0.00	0.00	609.40
1180.	181.	999.	0.	248.	207.	0.	331.	97.	609.40
2.22	0.73	4.82	0.00	0.060	0.027	0.000	0.000	601.80	270.00
0.000798	90.	90.	90.	2	0	7	0.00	259.00	529.00

CCHV= 0.100 CEHV= 0.300
*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 2.31 FEET

3470 ENCROACHMENT STATIONS= 420.0 635.0 TYPE= 1 TARGET= 215.000
UPSTREAM OF NB OF TELEGRAPH RD.
DOWNSTREAM OF SB OF TELEGRAPH RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
12880.00	8.11	610.71	0.00	0.00	610.83	0.12	0.03	0.02	607.40
1180.	153.	571.	456.	168.	149.	380.	331.	97.	607.20
2.23	0.91	3.84	1.20	0.060	0.027	0.060	0.000	602.60	420.00
0.000484	49.	49.	49.	2	0	0	0.00	215.00	635.00

*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 2.31 FEET

3470 ENCROACHMENT STATIONS= 420.0 635.0 TYPE= 1 TARGET= 215.000

12880.00	8.11	610.71	0.00	0.00	610.83	0.12	0.00	0.00	607.40
1180.	153.	571.	456.	168.	148.	379.	331.	97.	607.20
2.23	0.91	3.85	1.20	0.060	0.027	0.060	0.000	602.60	420.00
0.000484	0.	0.	0.	0	0	0	0.00	215.00	635.00

CCHV= 0.300 CEHV= 0.800
*SECNO 12929.000

3265 DIVIDED FLOW

3280 CROSS SECTION 12929.00 EXTENDED 0.64 FEET

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 40.0 700.0 TYPE= 1 TARGET= 660.000

12929.00	8.24	610.64	608.61	0.00	611.32	0.68	0.04	0.45	611.20
1180.	1.	1154.	25.	5.	172.	41.	332.	97.	611.20
2.23	0.18	6.70	0.61	0.060	0.027	0.060	0.000	602.40	40.00
0.002328	49.	49.	49.	4	15	0	0.00	265.23	700.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	20.00	0.00	122.00	0.00	602.40	602.40

*SECNO 12986.000
3280 CROSS SECTION 12986.00 EXTENDED 2.46 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.37	611.37	0.00	174.	1005.	122.	142.	609.50	611.20

3470 ENCROACHMENT STATIONS= 200.0 505.0 TYPE= 1 TARGET= 305.000

12986.00	10.06	612.46	0.00	0.00	612.62	0.17	1.30	0.00	611.20
1180.	220.	901.	59.	304.	243.	89.	333.	98.	611.20
2.23	0.72	3.71	0.66	0.060	0.027	0.060	0.000	602.40	200.00
0.000490	57.	57.	57.	2	0	2	0.00	305.00	505.00

CCHV= 0.100 CEHV= 0.300
*SECNO 13035.000
3280 CROSS SECTION 13035.00 EXTENDED 4.23 FEET

3470 ENCROACHMENT STATIONS= 300.0 705.0 TYPE= 1 TARGET= 405.000
UPSTREAM OF SB OF TELEGRAPH RD.

13035.00	10.03	612.63	0.00	0.00	612.65	0.01	0.01	0.02	607.40
1180.	315.	317.	547.	689.	191.	933.	334.	98.	607.20
2.25	0.46	1.66	0.59	0.060	0.027	0.060	0.000	602.60	300.00
0.000065	49.	49.	49.	2	0	0	0.00	405.00	705.00

*SECNO 13335.000

3470 ENCROACHMENT STATIONS= 80.0 730.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF COOPER RD.

13335.00	10.36	612.66	0.00	0.00	612.67	0.01	0.02	0.00	608.60
1180.	720.	370.	90.	1401.	253.	287.	347.	102.	610.50
2.36	0.51	1.46	0.31	0.060	0.027	0.060	0.000	602.30	80.00
0.000087	300.	300.	300.	2	0	0	0.00	650.00	730.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 13434.000
3280 CROSS SECTION 13434.00 EXTENDED 3.86 FEET

13434.00	10.86	612.66	0.00	0.00	612.68	0.02	0.01	0.00	609.10
1180.	637.	396.	147.	1443.	227.	438.	351.	103.	609.10
2.39	0.44	1.74	0.34	0.070	0.027	0.070	0.000	601.80	0.00
0.000079	99.	99.	99.	0	0	0	0.00	646.50	646.50

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	9.00	0.00	45.00	0.00	601.80	601.80

*SECNO 13476.000
3280 CROSS SECTION 13476.00 EXTENDED 3.90 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
632.73	612.68	0.00	1121.	58.	45.	58.	608.20	609.10

13476.00	10.89	612.69	0.00	0.00	612.71	0.02	0.03	0.00	609.10
1180.	638.	393.	149.	1458.	228.	446.	354.	104.	609.10
2.40	0.44	1.72	0.33	0.070	0.027	0.070	0.000	601.80	0.00
0.000077	42.	42.	42.	1	0	7	0.00	648.07	648.07

CCHV= 0.100 CEHV= 0.300
*SECNO 13575.000
3280 CROSS SECTION 13575.00 EXTENDED 3.50 FEET

UPSTREAM OF COOPER RD.

13575.00	10.41	612.71	0.00	0.00	612.72	0.01	0.01	0.00	608.60
1180.	730.	361.	89.	1700.	255.	367.	359.	105.	610.50
2.44	0.43	1.42	0.24	0.070	0.027	0.070	0.000	602.30	0.00
0.000080	99.	99.	99.	0	0	0	0.00	829.20	829.20

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14475.000
3280 CROSS SECTION 14475.00 EXTENDED 1.10 FEET

DOWNSTREAM OF BAILY RD.

14475.00	9.60	612.80	0.00	0.00	612.85	0.05	0.12	0.01	609.90
1180.	662.	418.	100.	964.	145.	273.	397.	122.	609.20
2.61	0.69	2.88	0.37	0.070	0.027	0.070	0.000	603.20	129.95
0.000276	900.	900.	900.	2	0	0	0.00	770.05	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 14524.000
3280 CROSS SECTION 14524.00 EXTENDED 1.51 FEET

14524.00	10.11	612.81	0.00	0.00	612.88	0.07	0.02	0.01	612.30
1180.	430.	566.	184.	604.	185.	381.	398.	123.	612.20
2.62	0.71	3.06	0.48	0.055	0.027	0.060	0.000	602.70	0.00
0.000347	49.	49.	49.	0	0	0	0.00	800.00	800.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	12.00	0.00	73.00	0.00	602.70	602.70

*SECNO 14652.000
6870 D.S. ENERGY OF 612.88 HIGHER THAN COMPUTED ENERGY OF 612.87
3280 CROSS SECTION 14652.00 EXTENDED 1.51 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
622.58	612.88	0.00	1090.	93.	73.	96.	610.70	612.20

14652.00	10.10	612.80	0.00	0.00	612.88	0.07	0.00	0.00	612.30
1180.	429.	567.	184.	602.	185.	379.	402.	125.	612.20
2.64	0.71	3.07	0.48	0.055	0.027	0.060	0.000	602.70	0.00
0.000350	128.	128.	128.	2	0	7	0.00	800.00	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 14701.000
3280 CROSS SECTION 14701.00 EXTENDED 1.15 FEET

UPSTREAM OF BAILY RD.

14701.00	9.65	612.85	0.00	0.00	612.90	0.05	0.01	0.00	609.90
1180.	653.	405.	122.	982.	146.	291.	403.	126.	609.20
2.65	0.67	2.78	0.42	0.070	0.027	0.060	0.000	603.20	128.73
0.000254	49.	49.	49.	2	0	0	0.00	771.27	900.00

*SECNO 15601.000
DOWNSTREAM OF WESTLAKE RD.

15601.00	8.83	613.13	0.00	0.00	613.34	0.22	0.40	0.05	612.00
1180.	105.	708.	367.	154.	148.	365.	425.	139.	611.10
2.73	0.68	4.77	1.01	0.070	0.027	0.060	0.000	604.30	343.88
0.000940	900.	900.	900.	0	0	0	0.00	462.25	806.12

CCHV= 0.300 CEHV= 0.500
*SECNO 15750.000

15750.00	7.97	613.27	0.00	0.00	613.46	0.19	0.11	0.01	610.20
1180.	121.	873.	186.	144.	214.	216.	427.	140.	610.00
2.74	0.84	4.08	0.86	0.060	0.027	0.060	0.000	605.30	246.10
0.000625	149.	149.	149.	2	0	0	0.00	371.87	617.97

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.23	2.63	0.00	12.00	0.00	68.00	0.00	605.30	605.30

*SECNO 15800.000
3280 CROSS SECTION 15800.00 EXTENDED 0.49 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.70	613.46	0.00	742.	443.	68.	89.	612.70	614.70

15800.00	9.39	614.69	0.00	0.00	614.74	0.04	1.28	0.00	610.20
1180.	265.	621.	294.	578.	271.	535.	428.	141.	610.00
2.75	0.46	2.29	0.55	0.060	0.027	0.060	0.000	605.30	0.00
0.000144	50.	50.	50.	2	0	6	0.00	700.00	700.00

PRINTED IN U.S.A

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 15849.000

3470 ENCROACHMENT STATIONS= 50.0 850.0 TYPE= 1 TARGET= 800.000
UPSTREAM OF WESTLAKE RD.

15849.00	10.41	614.71	0.00	0.00	614.75	0.04	0.01	0.00	612.00
1180.	246.	446.	488.	568.	186.	865.	430.	142.	611.10
2.76	0.43	2.39	0.56	0.070	0.027	0.070	0.000	604.30	50.00
0.000174	49.	49.	49.	0	0	0	0.00	800.00	850.00

CCHV= 0.100 CEHV= 0.500
*SECNO 17575.000
3280 CROSS SECTION 17575.00 EXTENDED 1.57 FEET

17575.00	7.37	615.17	0.00	0.00	615.19	0.02	0.45	0.00	613.90
1180.	273.	246.	661.	468.	110.	863.	490.	172.	613.10
3.23	0.58	2.24	0.77	0.070	0.035	0.070	0.000	607.80	59.22
0.000421	1726.	1726.	1726.	2	0	0	0.00	740.78	800.00

CCHV= 0.100 CEHV= 0.800
*SECNO 17710.000
3280 CROSS SECTION 17710.00 EXTENDED 0.05 FEET

17710.00	7.05	615.25	0.00	0.00	615.46	0.21	0.12	0.15	614.50
1180.	113.	545.	522.	143.	103.	416.	494.	174.	613.80
3.24	0.79	5.31	1.26	0.070	0.035	0.070	0.000	608.20	205.55
0.002714	135.	135.	135.	2	0	0	0.00	694.45	900.00

*SECNO 17850.000

17850.00	7.55	615.65	615.57	0.00	616.07	0.42	0.44	0.17	614.50
1180.	121.	766.	293.	121.	119.	236.	495.	176.	614.10
3.25	1.00	6.43	1.24	0.070	0.035	0.070	0.000	608.10	285.14
0.003689	140.	140.	140.	4	9	0	0.00	552.01	837.15

*SECNO 18100.000
3280 CROSS SECTION 18100.00 EXTENDED 0.30 FEET

3470 ENCROACHMENT STATIONS= 220.0 805.0 TYPE= 1 TARGET= 585.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
18100.00	8.10	616.50	0.00	0.00	616.64	0.14	0.54	0.03	614.80
1180.	215.	569.	396.	253.	133.	387.	499.	180.	614.40
3.27	0.85	4.28	1.02	0.070	0.035	0.070	0.000	608.40	230.45
0.001415	250.	250.	250.	2	0	0	0.00	574.55	805.00

*SECNO 18575.000
DOWNSTREAM OF BEECH DALY RD.

18575.00	8.48	617.38	0.00	0.00	617.80	0.43	0.94	0.23	616.70
1180.	13.	830.	337.	23.	134.	268.	505.	185.	614.60
3.30	0.56	6.21	1.26	0.070	0.035	0.070	0.000	608.90	432.34
0.002944	475.	475.	475.	2	0	0	0.00	348.64	780.98

CCHV= 0.300 CEHV= 0.500
*SECNO 18624.000
3280 CROSS SECTION 18624.00 EXTENDED 0.92 FEET

18624.00	8.82	617.92	0.00	0.00	617.95	0.03	0.02	0.12	611.00
1180.	229.	309.	642.	327.	129.	865.	506.	185.	609.10
3.31	0.70	2.39	0.74	0.060	0.035	0.070	0.000	609.10	239.98
0.000193	49.	49.	49.	2	0	0	0.00	460.02	700.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.98	2.63	0.00	15.00	0.00	112.00	0.00	609.40	609.40

*SECNO 18704.000
3280 CROSS SECTION 18704.00 EXTENDED 1.30 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	SAREA	TRAPEZOID AREA	ELLC	ELTRD
621.33	618.24	0.00	779.	405.	112.	105.	616.40	618.50

18704.00	9.20	618.30	0.00	0.00	618.32	0.02	0.37	0.00	611.00
1180.	247.	286.	647.	407.	135.	966.	509.	186.	609.10
3.33	0.61	2.12	0.67	0.060	0.035	0.070	0.000	609.10	150.43
0.000143	80.	80.	80.	2	0	5	0.00	549.57	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 18753.000
3280 CROSS SECTION 18753.00 EXTENDED 0.20 FEET

3470 ENCROACHMENT STATIONS= 285.0 815.0 TYPE= 1 TARGET= 530.000
UPSTREAM OF BEECH DALY RD.

18753.00	9.30	618.20	0.00	0.00	618.38	0.18	0.01	0.05	616.70
1180.	71.	677.	432.	144.	154.	500.	510.	187.	614.60
3.34	0.50	4.41	0.86	0.070	0.027	0.070	0.000	608.90	285.00
0.000734	49.	49.	49.	2	0	0	0.00	530.00	815.00

*SECNO 19003.000

3470 ENCROACHMENT STATIONS= 250.0 820.0 TYPE= 1 TARGET= 570.000
DOWNSTREAM OF MC GUIRE RD.

19003.00	8.59	618.29	0.00	0.00	618.64	0.35	0.20	0.05	615.00
1180.	189.	927.	64.	193.	174.	90.	514.	189.	615.80
3.36	0.98	5.32	0.71	0.070	0.027	0.070	0.000	609.70	303.48
0.000922	250.	250.	250.	2	0	0	0.00	368.91	672.39

CCHV= 0.300 CEHV= 0.500
*SECNO 19077.000

3470 ENCROACHMENT STATIONS= 150.0 615.0 TYPE= 1 TARGET= 465.000

19077.00	9.24	618.74	0.00	0.00	618.75	0.01	0.01	0.10	617.20
1180.	481.	336.	363.	894.	209.	645.	516.	190.	613.00
3.38	0.54	1.61	0.56	0.060	0.027	0.060	0.000	609.50	150.00
0.000080	74.	74.	74.	2	0	0	0.00	465.00	615.00

SPECIAL BRIDGE

SB	XK	XKOR	CQFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.59	2.63	0.00	12.00	0.00	69.00	0.00	609.50	609.50

*SECNO 19235.000
PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLCBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
630.50	618.75	0.00	1070.	110.	69.	90.	617.00	617.20
19235.00	9.33	618.83	0.00	0.00	618.84	0.01	0.09	0.00	617.20
1180.	484.	330.	366.	955.	212.	693.	522.	192.	613.00
3.43	0.51	1.56	0.53	0.060	0.027	0.060	0.000	609.50	95.43
0.000074	158.	158.	158.	1	0	8	0.00	590.57	686.00

CCHV= 0.300 CEHV= 0.500
*SECNO 19384.000
DOWNSTREAM OF MARVIN RD.

19384.00	8.59	618.69	0.00	0.00	619.04	0.35	0.03	0.17	617.60
1180.	165.	874.	141.	223.	160.	128.	526.	194.	617.50
3.44	0.74	5.46	1.10	0.070	0.035	0.070	0.000	610.10	142.29
0.002043	149.	149.	149.	2	0	0	0.00	526.97	669.26

CCHV= 0.300 CEHV= 0.500
*SECNO 19433.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19433.00 EXTENDED 1.21 FEET

3470 ENCROACHMENT STATIONS= 190.0 655.0 TYPE= 1 TARGET= 465.000

19433.00	9.61	618.71	616.93	0.00	619.29	0.59	0.14	0.12	618.00
1180.	147.	910.	122.	124.	130.	111.	527.	194.	618.00
3.45	1.18	6.98	1.10	0.060	0.027	0.055	0.000	609.10	190.00
0.004069	49.	49.	49.	4	12	0	0.00	461.43	655.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.19	3.00	0.00	12.00	0.00	76.00	0.00	609.10	609.10

*SECNO 19677.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3280 CROSS SECTION 19677.00 EXTENDED 2.22 FEET

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
630.65	619.29	0.00	830.	350.	76.	97.	617.20	618.00

19677.00	10.62	619.72	0.00	0.00	619.76	0.04	0.46	0.00	618.00
1180.	309.	380.	491.	465.	152.	614.	531.	198.	618.00
3.50	0.66	2.50	0.80	0.060	0.027	0.055	0.000	609.10	27.85
0.000449	244.	244.	244.	2	0	6	0.00	768.63	800.00

CCHV= 0.100 CEHV= 0.300

*SECNO 19776.000

UPSTREAM OF MARVIN RD.

19776.00	9.59	619.69	0.00	0.00	619.84	0.15	0.05	0.03	617.60
1180.	288.	732.	160.	484.	189.	239.	534.	199.	617.50
3.51	0.59	3.87	0.67	0.070	0.027	0.070	0.000	610.10	86.02
0.000490	99.	99.	99.	2	0	0	0.00	675.67	761.69

*SECNO 19876.000

3470 ENCROACHMENT STATIONS= 150.0 800.0 TYPE= 1 TARGET= 650.000

DOWNSTREAM OF FELLRATH RD.

19876.00	8.94	619.64	0.00	0.00	619.95	0.31	0.06	0.05	617.40
1180.	227.	907.	46.	338.	179.	104.	536.	201.	616.50
3.52	0.67	5.07	0.44	0.070	0.027	0.070	0.000	610.70	180.59
0.000787	100.	100.	100.	2	0	0	0.00	574.47	755.06

CCHV= 0.300 CEHV= 0.500

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 19925.000									
19925.00	9.51	620.01	0.00	0.00	620.04	0.04	0.01	0.08	614.00
1180.	543.	491.	146.	986.	218.	292.	537.	201.	615.00
3.53	0.55	2.25	0.50	0.070	0.027	0.070	0.000	610.50	32.85
0.000122	49.	49.	49.	2	0	0	0.00	506.79	539.64

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.27	2.63	0.00	12.00	0.00	75.00	0.00	610.50	610.50

*SECNO 20033.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
628.73	620.04	0.00	942.	239.	75.	96.	618.50	618.80

20033.00	9.83	620.33	0.00	0.00	620.36	0.03	0.32	0.00	614.00
1180.	561.	467.	152.	1110.	228.	329.	541.	203.	615.00
3.55	0.51	2.05	0.46	0.070	0.027	0.070	0.000	610.50	11.00
0.000096	108.	108.	108.	2	0	6	0.00	535.25	546.26

CCHV= 0.100 CEHV= 0.300
*SECNO 20082.000

3470 ENCROACHMENT STATIONS= 80.0 785.0 TYPE= 1 TARGET= 705.000
UPSTREAM OF FELLRATH RD.

20082.00	9.53	620.23	0.00	0.00	620.42	0.20	0.01	0.05	617.40
1180.	289.	807.	83.	395.	188.	169.	542.	203.	616.50
3.56	0.73	4.30	0.49	0.070	0.027	0.070	0.000	610.70	250.97
0.000549	49.	49.	49.	2	0	0	0.00	493.72	744.69

*SECNO 20232.000

3470 ENCROACHMENT STATIONS= 100.0 710.0 TYPE= 1 TARGET= 610.000
DOWNSTREAM OF HAROLD RD.

20232.00	8.96	620.26	0.00	0.00	620.57	0.31	0.11	0.03	618.20
1180.	204.	901.	75.	238.	176.	129.	544.	205.	619.00
3.57	0.86	5.11	0.58	0.070	0.027	0.070	0.000	611.30	256.41
0.001089	150.	150.	150.	1	0	0	0.00	449.94	706.35

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 20281.000
3280 CROSS SECTION 20281.00 EXTENDED 0.64 FEET

20281.00	9.54	620.64	0.00	0.00	620.67	0.04	0.02	0.08	614.00
1180.	657.	280.	243.	909.	99.	304.	545.	205.	614.00
3.58	0.72	2.84	0.80	0.055	0.027	0.055	0.000	611.10	0.00
0.000194	49.	49.	49.	2	0	0	0.00	541.90	541.90

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.30	2.63	0.00	11.00	0.00	62.00	0.00	612.00	612.00

*SECNO 20385.000
3280 CROSS SECTION 20385.00 EXTENDED 0.74 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
633.57	621.57	0.00	1069.	123.	62.	79.	619.20	619.40

20385.00	9.64	620.74	0.00	0.00	620.78	0.03	0.10	0.00	614.00
1180.	666.	271.	243.	952.	100.	317.	549.	207.	614.00
3.60	0.70	2.71	0.77	0.055	0.027	0.055	0.000	611.10	0.00
0.000175	104.	104.	104.	2	0	6	0.00	544.47	544.47

CCHV= 0.100 CEHV= 0.300
*SECNO 20434.000
UPSTREAM OF HAROLD RD.

20434.00	9.37	620.67	0.00	0.00	620.83	0.16	0.01	0.04	618.20
1180.	284.	750.	146.	314.	190.	206.	550.	207.	619.00
3.61	0.90	3.96	0.71	0.055	0.027	0.055	0.000	611.30	233.07
0.000592	49.	49.	49.	2	0	0	0.00	500.39	733.46

CCHV= 0.100 CEHV= 0.300
*SECNO 21554.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 21554.00 EXTENDED 0.47 FEET

DOWNSTREAM OF LANGE RD.

21554.00	7.67	621.47	0.00	0.00	621.53	0.07	0.70	0.01	619.50
1180.	132.	467.	581.	218.	147.	701.	573.	223.	619.70
3.79	0.60	3.18	0.83	0.070	0.035	0.070	0.000	613.80	268.80
0.000657	1120.	1120.	1120.	2	0	0	0.00	731.20	1000.00

CCHV= 0.300 CEHV= 0.500
*SECNO 21653.000
3280 CROSS SECTION 21653.00 EXTENDED 0.76 FEET

21653.00	10.16	621.56	0.00	0.00	621.57	0.01	0.01	0.02	616.00
1180.	423.	254.	503.	1024.	222.	1205.	577.	225.	616.00
3.84	0.41	1.15	0.42	0.060	0.035	0.060	0.000	611.40	0.00
0.000058	99.	99.	99.	2	0	0	0.00	1000.00	1000.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.68	2.63	0.00	12.00	0.00	82.00	0.00	611.40	611.40

*SECNO 21670.000
3280 CROSS SECTION 21670.00 EXTENDED 0.82 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
626.96	621.57	0.00	1057.	124.	82.	100.	619.70	620.80

21670.00	10.21	621.61	0.00	0.00	621.62	0.01	0.05	0.00	616.00
1180.	424.	251.	505.	1048.	224.	1239.	577.	226.	616.00
3.84	0.40	1.12	0.41	0.060	0.035	0.060	0.000	611.40	0.00
0.000055	17.	17.	17.	0	0	7	0.00	1000.00	1000.00

CCHV= 0.300 CEHV= 0.700
*SECNO 21719.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 21719.00 EXTENDED 1.12 FEET									
UPSTREAM OF LANGE RD.									
21719.00	8.31	621.61	0.00	0.00	621.63	0.02	0.00	0.01	619.00
1180.	216.	316.	648.	465.	164.	1008.	580.	227.	619.20
5.86	0.46	1.93	0.64	0.060	0.035	0.060	0.000	613.30	88.32
0.000210	49.	49.	49.	0	0	0	0.00	911.68	1000.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 22670.000									
22670.00	6.72	621.92	0.00	0.00	622.24	0.32	0.52	0.09	620.90
1180.	42.	705.	433.	50.	122.	304.	604.	242.	621.10
3.93	0.83	5.77	1.42	0.070	0.035	0.070	0.000	615.20	406.24
0.002757	1000.	1000.	1000.	2	0	0	0.00	402.11	808.36
*SECNO 24069.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 24069.00 EXTENDED 1.24 FEET									
DOWNSTREAM OF INKSTER RD.									
24069.00	7.24	624.34	0.00	0.00	624.47	0.13	2.21	0.02	622.50
1180.	69.	617.	495.	106.	158.	531.	624.	257.	623.10
4.08	0.65	3.91	0.93	0.070	0.035	0.070	0.000	617.10	315.51
0.001084	1350.	1350.	1350.	3	0	0	0.00	597.47	1000.00

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THIS RUN EXECUTED 25 OCT 84 14:08:21

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

I1                CITY OF TAYLOR FLOOD INSURANCE STUDY
I2                FRANK AND POET DRAIN
I3                500-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       5.        0.        0.  0.000000      0.00      0.0       0.    598.800     0.000
J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    15.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

CCHV= 0.100 CEHV= 0.300
*SECNO 0.000
DOWNSTREAM OF ALLEN ROAD

0.00	10.20	598.80	0.00	598.80	599.40	0.60	0.00	0.00	596.40
1730.	94.	1585.	51.	80.	245.	30.	0.	0.	595.90
0.00	1.18	6.48	1.69	0.070	0.035	0.055	0.000	588.60	533.33
0.002421	0.	0.	0.	0	0	0	0.00	127.38	660.71

CCHV= 0.300 CEHV= 0.500
*SECNO 49.000

3470 ENCROACHMENT STATIONS= 385.0 605.0 TYPE= 1 TARGET= 220.000

49.00	9.18	598.88	0.00	0.00	599.51	0.63	0.09	0.01	598.60
1730.	1.	1640.	89.	4.	251.	112.	0.	0.	598.10
0.00	0.33	6.54	0.80	0.070	0.027	0.055	0.000	589.70	385.00
0.001464	49.	49.	49.	2	0	0	0.00	220.00	605.00

SPECIAL BRIDGE

SB	XK	XKOR	CDEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.29	2.63	0.00	14.00	0.00	78.00	0.00	589.70	589.70

*SECNO 145.000
3280 CROSS SECTION 145.00 EXTENDED 3.66 FEET

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.37	599.51	0.00	913.	818.	78.	81.	595.50	598.40

3470 ENCROACHMENT STATIONS= 335.0 500.0 TYPE= 1 TARGET= 165.000

145.00	12.96	602.66	0.00	0.00	602.79	0.12	3.28	0.00	598.60
1730.	181.	1294.	255.	260.	406.	267.	2.	1.	598.10
0.01	0.70	3.19	0.95	0.070	0.027	0.055	0.000	589.70	335.00
0.000183	96.	96.	96.	2	0	4	0.00	165.00	500.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 194.000
UPSTREAM OF ALLEN ROAD

194.00	14.09	602.69	0.00	0.00	602.80	0.10	0.01	0.00	596.40
1730.	405.	1224.	101.	644.	400.	165.	3.	1.	595.90
0.02	0.63	3.06	0.61	0.070	0.027	0.070	0.000	588.60	330.18
0.000166	49.	49.	49.	1	0	0	0.00	358.38	688.56

*SECNO 994.000
3280 CROSS SECTION 994.00 EXTENDED 0.86 FEET

3470 ENCROACHMENT STATIONS= 322.0 777.0 TYPE= 1 TARGET= 455.000
DOWNSTREAM OF PRIVATE ROAD

994.00	12.66	602.86	0.00	0.00	602.88	0.02	0.07	0.01	596.20
1730.	500.	441.	788.	982.	238.	1438.	39.	8.	595.50
0.28	0.51	1.86	0.53	0.070	0.027	0.070	0.000	590.20	322.00
0.000059	800.	800.	800.	2	0	0	0.00	455.00	777.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1043.000
3280 CROSS SECTION 1043.00 EXTENDED 2.87 FEET

3470 ENCROACHMENT STATIONS= 168.0 598.0 TYPE= 1 TARGET= 430.000

1043.00	12.86	602.86	0.00	0.00	602.83	0.02	0.00	0.00	597.00
1730.	883.	658.	189.	1681.	414.	345.	42.	9.	596.80
0.29	0.53	1.59	0.55	0.070	0.035	0.070	0.000	590.00	168.00
0.000069	49.	49.	49.	0	0	0	0.00	430.00	598.00

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.53	0.00	22.00	0.00	110.00	0.00	590.00	590.00

*SECNO 1062.000
3280 CROSS SECTION 1062.00 EXTENDED 2.91 FEET

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.86	602.88	0.00	1569.	161.	110.	119.	595.40	596.80

3470 ENCROACHMENT STATIONS= 174.0 594.0 TYPE= 1 TARGET= 420.000

1062.00	12.90	602.90	0.00	0.00	602.92	0.02	0.03	0.00	597.00
1730.	886.	663.	180.	1672.	415.	326.	43.	9.	596.80
0.30	0.53	1.60	0.55	0.070	0.035	0.070	0.000	590.00	174.00
0.000070	19.	19.	19.	1	0	6	0.00	420.00	594.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1111.000
3280 CROSS SECTION 1111.00 EXTENDED 0.90 FEET

3470 ENCROACHMENT STATIONS= 353.0 748.0 TYPE= 1 TARGET= 395.000
UPSTREAM OF PRIVATE ROAD
DOWNSTREAM OF PRIVATE ROAD

1111.00	12.71	602.91	0.00	0.00	602.92	0.01	0.00	0.00	596.20
1730.	509.	383.	838.	866.	238.	1331.	46.	10.	595.50
0.31	0.59	1.61	0.61	0.070	0.035	0.070	0.000	590.20	353.00
0.000074	49.	49.	49.	0	0	0	0.00	395.00	748.00

*SECNO 1112.000
3280 CROSS SECTION 1112.00 EXTENDED 0.91 FEET

3470 ENCROACHMENT STATIONS= 353.0 748.0 TYPE= 1 TARGET= 395.000

1112.00	13.21	602.91	0.00	0.00	602.92	0.01	0.00	0.00	596.70
1730.	523.	413.	794.	842.	264.	1271.	46.	10.	597.00
0.31	0.62	1.56	0.63	0.070	0.035	0.070	0.000	589.70	353.00
0.000086	1.	1.	1.	0	0	0	0.00	395.00	748.00

CCHV= 0.300 CEHV= 0.500

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1160.000
3230 CROSS SECTION 1160.00 EXTENDED 0.91 FEET

3470 ENCROACHMENT STATIONS= 200.0 570.0 TYPE= 1 TARGET= 370.000

1160.00	12.50	602.90	0.00	0.00	602.93	0.03	0.00	0.01	596.80
1730.	544.	748.	438.	942.	410.	704.	48.	10.	596.70
0.32	0.58	1.82	0.62	0.070	0.035	0.070	0.000	590.40	200.00
0.000092	48.	48.	48.	0	0	0	0.00	370.00	570.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	95.00	0.00	590.40	590.40

*SECNO 1173.000
3280 CROSS SECTION 1173.00 EXTENDED 0.93 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
610.94	602.93	0.00	1583.	142.	95.	131.	596.00	596.70

3470 ENCROACHMENT STATIONS= 200.0 570.0 TYPE= 1 TARGET= 370.000

1173.00	12.53	602.93	0.00	0.00	602.96	0.03	0.03	0.00	596.80
1730.	545.	746.	438.	947.	411.	707.	49.	10.	596.70
0.33	0.58	1.81	0.62	0.070	0.035	0.070	0.000	590.40	200.00
0.000091	13.	13.	13.	2	0	7	0.00	370.00	570.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1222.000
3230 CROSS SECTION 1222.00 EXTENDED 0.95 FEET

3470 ENCROACHMENT STATIONS= 315.0 785.0 TYPE= 1 TARGET= 470.000
UPSTREAM OF PRIVATE ROAD

1222.00	13.25	602.95	0.00	0.00	602.96	0.01	0.00	0.00	596.70
1730.	550.	380.	800.	997.	265.	1426.	52.	11.	597.00
0.35	0.55	1.43	0.56	0.070	0.035	0.070	0.000	539.70	315.00
0.000072	49.	49.	49.	1	0	0	0.00	470.00	785.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1282.000
3280 CROSS SECTION 1282.00 EXTENDED 2.96 FEET

3470 ENCROACHMENT STATIONS= 205.0 645.0 TYPE= 1 TARGET= 440.000
DOWNSTREAM OF JACKSON RD.

1282.00	12.96	602.96	0.00	0.00	602.97	0.01	0.00	0.00	594.80
1730.	990.	307.	434.	1643.	194.	723.	55.	11.	595.70
0.37	0.60	1.58	0.60	0.070	0.035	0.070	0.000	590.00	205.00
0.000080	60.	60.	60.	0	0	0	0.00	440.00	645.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1331.000
3280 CROSS SECTION 1331.00 EXTENDED 2.96 FEET

3470 ENCROACHMENT STATIONS= 227.0 641.0 TYPE= 1 TARGET= 414.000

1331.00	14.45	602.95	0.00	0.00	602.98	0.03	0.00	0.01	596.90
1730.	589.	633.	508.	1025.	312.	1010.	58.	12.	597.10
0.38	0.58	2.03	0.50	0.070	0.027	0.070	0.000	588.50	227.00
0.000071	49.	49.	49.	0	0	0	0.00	414.00	641.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.78	2.63	0.00	12.00	0.00	74.00	0.00	588.50	588.50

*SECNO 1373.000
3280 CROSS SECTION 1373.00 EXTENDED 2.97 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
618.06	602.98	0.00	1633.	98.	74.	96.	596.50	596.90

3470 ENCROACHMENT STATIONS= 238.0 631.0 TYPE= 1 TARGET= 393.000

1373.00	14.47	602.97	0.00	0.00	603.00	0.03	0.02	0.00	596.90
1730.	573.	651.	506.	967.	312.	974.	60.	12.	597.10
0.39	0.59	2.09	0.52	0.070	0.027	0.070	0.000	588.50	238.00
0.000075	42.	42.	42.	2	0	6	0.00	393.00	631.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 1422.000
3280 CROSS SECTION 1422.00 EXTENDED 2.98 FEET

3470 ENCROACHMENT STATIONS= 241.0 609.0 TYPE= 1 TARGET= 368.000
UPSTREAM OF JACKSON RD.

1422.00	12.99	602.99	0.00	0.00	603.01	0.02	0.00	0.00	594.80
1730.	951.	412.	366.	1497.	195.	566.	63.	12.	595.70
0.40	0.64	2.12	0.65	0.070	0.027	0.070	0.000	590.00	241.00
0.000086	49.	49.	49.	0	0	0	0.00	368.00	609.00

*SECNO 2022.000

3470 ENCROACHMENT STATIONS= 470.0 557.0 TYPE= 1 TARGET= 87.000
DOWNSTREAM OF D.T.I.RR.

2022.00	11.69	602.89	0.00	0.00	603.19	0.30	0.10	0.08	599.10
1730.	85.	1598.	47.	93.	348.	52.	82.	16.	599.10
0.44	0.92	4.60	0.90	0.070	0.027	0.070	0.000	591.20	470.00
0.000458	600.	600.	600.	2	0	0	0.00	87.00	557.00

CCHV= 0.300 CEHV= 0.500
*SECNO 2071.000

2071.00	11.29	603.09	0.00	0.00	603.25	0.16	0.02	0.04	608.70
1730.	0.	1730.	0.	0.	534.	0.	82.	16.	608.50
0.45	0.00	3.24	0.00	0.000	0.027	0.000	0.000	591.80	504.32
0.000246	49.	49.	49.	2	0	0	0.00	67.48	571.80

SPECIAL BRIDGE

SB XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.95	1.83	2.63	0.00	30.00	2.00	207.00	0.00	591.80	591.80

*SECNO 2133.000
PRESSURE FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.07	603.26	0.01	0.	1730.	207.	216.	599.50	608.50

2133.00	13.17	604.97	0.00	0.00	605.07	0.10	1.82	0.00	608.70
1730.	0.	1730.	0.	0.	666.	0.	83.	16.	608.50
0.45	0.00	2.60	0.00	0.000	0.027	0.000	0.000	591.80	500.95
0.000132	62.	62.	62.	2	0	0	0.00	72.05	573.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2282.000
3280 CROSS SECTION 2282.00 EXTENDED 1.49 FEET

3470 ENCROACHMENT STATIONS= 354.0 560.0 TYPE= 1 TARGET= 206.000
UPSTREAM OF D.T.I.RR.

2282.00	13.78	604.98	0.00	0.00	605.10	0.11	0.02	0.00	599.10
1730.	337.	1324.	68.	536.	434.	100.	86.	16.	599.10
0.47	0.63	3.05	0.68	0.070	0.027	0.070	0.000	591.20	354.00
0.000151	149.	149.	149.	1	0	0	0.00	206.00	560.00

*SECNO 2562.000
3280 CROSS SECTION 2562.00 EXTENDED 1.40 FEET

3470 ENCROACHMENT STATIONS= 288.0 354.0 TYPE= 1 TARGET= 66.000
DOWNSTREAM OF HURON RD.

2562.00	13.20	604.90	0.00	0.00	605.23	0.34	0.07	0.07	602.70
1730.	20.	1672.	38.	27.	354.	41.	91.	17.	601.40
0.49	0.74	4.72	0.93	0.070	0.027	0.070	0.000	591.70	288.00
0.000521	280.	280.	280.	2	0	0	0.00	66.00	354.00

*SECNO 2611.000
3280 CROSS SECTION 2611.00 EXTENDED 1.71 FEET

3470 ENCROACHMENT STATIONS= 300.0 342.0 TYPE= 1 TARGET= 42.000

2611.00	13.01	605.01	0.00	0.00	605.26	0.25	0.02	0.01	602.70
1730.	0.	1730.	0.	0.	431.	0.	91.	17.	100000.00
0.49	0.00	4.02	0.00	0.000	0.027	0.000	0.000	592.00	300.00
0.000389	49.	49.	49.	2	0	0	0.00	42.00	342.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 2613.000
3280 CROSS SECTION 2613.00 EXTENDED 2.81 FEET

3370 NORMAL BRIDGE/NRD= 23 MIN ELTRD= 602.30 MAX ELLC= 599.50

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS 300.00 312.00

2613.00	13.31	605.31	0.00	0.00	605.33	0.02	0.00	0.07	602.70
1730.	571.	545.	614.	824.	299.	1015.	91.	17.	602.70
0.49	0.69	1.82	0.61	0.070	0.027	0.070	0.000	592.00	0.00
0.000280	2.	2.	2.	2	0	0	-144.15	300.00	800.00

*SECNO 2649.000
3280 CROSS SECTION 2649.00 EXTENDED 2.57 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE/NRD= 23 MIN ELTRD= 602.60 MAX ELLC= 599.50

3470 ENCROACHMENT STATIONS= 300.0 342.0 TYPE= 1 TARGET= 42.000

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS 300.00 312.00

2649.00	13.07	605.07	0.00	0.00	605.63	0.56	0.02	0.27	602.70
1730.	0.	1730.	0.	0.	289.	0.	92.	18.	100000.00
0.49	0.00	5.99	0.00	0.000	0.027	0.000	0.000	592.00	300.00
0.003366	36.	36.	36.	2	0	0	-144.15	42.00	342.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2651.000
3280 CROSS SECTION 2651.00 EXTENDED 2.13 FEET

3470 ENCROACHMENT STATIONS= 300.0 342.0 TYPE= 1 TARGET= 42.000

2651.00	13.43	605.43	0.00	0.00	605.66	0.23	0.00	0.03	602.70
1730.	0.	1730.	0.	0.	448.	0.	92.	18.	100000.00
0.49	0.00	3.86	0.00	0.000	0.027	0.000	0.000	592.00	300.00
0.000347	2.	2.	2.	2	0	0	0.00	42.00	342.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 2700.000									
3280 CROSS SECTION	2700.00 EXTENDED		1.91 FEET						
3470 ENCROACHMENT STATIONS=		286.0	356.0	TYPE=	1	TARGET=	70.000		
UPSTREAM OF HURON RD.									
2700.00	13.71	605.41	0.00	0.00	605.69	0.28	0.02	0.01	602.40
1730.	33.	1647.	49.	43.	378.	54.	93.	18.	601.40
0.50	0.79	4.36	0.90	0.070	0.027	0.070	0.000	591.70	286.00
0.000406	49.	49.	49.	2	0	0	0.00	70.00	356.00
*SECNO 3800.000									
3280 CROSS SECTION	3800.00 EXTENDED		2.82 FEET						
3470 ENCROACHMENT STATIONS=		480.0	550.0	TYPE=	1	TARGET=	70.000		
DOWNSTREAM OF I-75 EXIT RAMP									
3800.00	12.81	605.81	0.00	0.00	605.98	0.16	0.27	0.01	598.00
1730.	131.	1561.	38.	152.	460.	58.	107.	19.	598.60
0.59	0.86	3.39	0.67	0.070	0.027	0.070	0.000	593.00	480.00
0.000166	1100.	1100.	1100.	1	0	0	0.00	70.00	550.00
*SECNO 3849.000									
3849.00	11.90	605.80	0.00	0.00	606.00	0.20	0.01	0.01	606.10
1730.	0.	1730.	0.	0.	481.	0.	108.	19.	606.10
0.60	0.00	3.59	0.00	0.000	0.027	0.000	0.000	593.90	500.00
0.000278	49.	49.	49.	2	0	0	0.00	46.00	546.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3851.000									
3301 HV CHANGED MORE THAN HVINS									
3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10									
3851.00	11.39	605.29	0.00	0.00	606.51	1.22	0.00	0.51	606.10
1730.	0.	1730.	0.	0.	196.	0.	108.	19.	606.10
0.60	0.00	8.85	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.002435	2.	2.	2.	2	0	0	-262.61	46.00	546.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3893.000

3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 606.10 MAX ELLC= 602.10

3893.00	11.49	605.39	0.00	0.00	606.61	1.22	0.10	0.00	606.10
1730.	0.	1730.	0.	0.	196.	0.	108.	20.	606.10
0.60	0.00	8.85	0.00	0.000	0.015	0.000	0.000	593.90	500.00
0.002435	42.	42.	42.	2	0	0	-267.31	46.00	546.00

CCHV= 0.100 CEHV= 0.300

*SECNO 3895.000

3301 HV CHANGED MORE THAN HVINS

3895.00	12.64	606.54	0.00	0.00	606.71	0.17	0.00	0.10	606.10
1730.	2.	1726.	1.	23.	516.	18.	108.	20.	606.10
0.60	0.10	3.35	0.07	0.070	0.015	0.070	0.000	593.90	444.32
0.000069	2.	2.	2.	2	0	0	0.00	200.33	644.65

*SECNO 3929.000

3280 CROSS SECTION 3929.00 EXTENDED 3.55 FEET

3470 ENCROACHMENT STATIONS= 488.0 553.0 TYPE= 1 TARGET= 65.000
UPSTREAM OF I-75 EXIT RAMP
DOWNSTREAM OF N+S BOUND I-75

3929.00	13.55	606.55	0.00	0.00	606.72	0.17	0.00	0.00	598.00
1730.	43.	1652.	35.	101.	496.	88.	109.	20.	598.50
0.60	0.42	3.37	0.40	0.070	0.015	0.070	0.000	593.00	488.00
0.000046	34.	34.	34.	2	0	0	0.00	65.00	553.00

CCHV= 0.300 CEHV= 0.500

*SECNO 3978.000

3978.00	12.81	606.51	0.00	0.00	606.77	0.26	0.01	0.05	613.30
1730.	0.	1730.	0.	0.	420.	0.	109.	20.	612.30
0.61	0.00	4.12	0.00	0.000	0.027	0.000	0.000	593.70	400.00
0.000389	49.	49.	49.	2	0	0	0.00	39.00	439.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	2.60	2.63	0.00	22.00	1.00	177.00	0.00	594.00	594.00

*SECNO 4200.000

3265 DIVIDED FLOW

3280 CROSS SECTION 4200.00 EXTENDED 2.24 FEET

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
610.36	606.78	0.01	0.	1730.	177.	172.	602.20	612.30

4200.00	16.54	610.24	0.00	0.00	610.36	0.13	3.59	0.00	613.30
1730.	0.	1651.	79.	0.	565.	242.	112.	20.	612.30
0.63	0.00	2.92	0.33	0.000	0.027	0.070	0.000	593.70	400.00
0.000155	222.	222.	222.	2	0	0	0.00	240.88	800.00

CCHV= 0.100 CEHV= 0.300

*SECNO 4249.000

3280 CROSS SECTION 4249.00 EXTENDED 7.34 FEET

3470 ENCROACHMENT STATIONS= 450.0 587.0 TYPE= 1 TARGET= 137.000
UPSTREAM OF N+S BOUND I-75

4249.00	17.34	610.34	0.00	0.30	610.37	0.03	0.00	0.01	598.00
1730.	306.	1157.	267.	592.	650.	530.	114.	21.	598.60
0.64	0.52	1.78	0.50	0.070	0.027	0.070	0.000	593.00	450.00
0.000029	49.	49.	49.	2	0	0	0.00	137.00	587.00

*SECNO 4749.000

3280 CROSS SECTION 4749.00 EXTENDED 4.89 FEET

3470 ENCROACHMENT STATIONS= 170.0 575.0 TYPE= 1 TARGET= 505.000
DOWNSTREAM OF SEAWAY ROAD

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONY	CORAR	TOPWID	ENDST
4749.00	16.68	610.38	0.00	0.00	610.39	0.01	0.01	0.00	598.90
1730.	914.	545.	271.	3054.	553.	1031.	151.	24.	599.70
0.91	0.30	0.99	0.26	0.070	0.027	0.070	0.000	593.70	170.00
0.000011	500.	500.	500.	0	0	0	0.00	505.00	675.00

CCHV= 0.300 CEHV= 0.500
*SECNO 4798.000
3280 CROSS SECTION 4793.00 EXTENDED 8.38 FEET

3470 ENCROACHMENT STATIONS= 185.0 665.0 TYPE= 1 TARGET= 480.000

4798.00	115.88	610.38	0.00	0.00	610.39	0.00	0.00	0.00	603.00
1730.	654.	458.	618.	1590.	765.	1561.	155.	25.	603.40
0.94	0.41	0.60	0.40	0.070	0.027	0.070	0.000	494.50	185.00
0.000027	49.	49.	49.	0	0	0	0.00	480.00	665.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.63	0.00	29.00	0.00	146.00	0.00	594.20	594.20

*SECNO 4855.000
PRESS FLOW BECAUSE EGLWC OF 710.09 EXCEEDS 1.5 DEPTH
3280 CROSS SECTION 4855.00 EXTENDED 8.42 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.92	710.09	0.00	1555.	175.	146.	139.	600.70	603.00

3470 ENCROACHMENT STATIONS= 200.0 650.0 TYPE= 1 TARGET= 450.000

4855.00	115.92	610.42	0.00	0.00	610.42	0.00	0.03	0.00	603.00
1730.	645.	483.	603.	1494.	767.	1454.	160.	25.	603.40
0.97	0.43	0.63	0.41	0.070	0.027	0.070	0.000	494.50	200.00
0.000030	57.	57.	57.	0	0	6	0.00	450.00	650.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 4904.000
3280 CROSS SECTION 4904.00 EXTENDED 4.92 FEET

3470 ENCROACHMENT STATIONS= 215.0 640.0 TYPE= 1 TARGET= 425.000
UPSTREAM OF SEAWAY ROAD

4904.00	16.71	610.41	0.00	0.00	610.42	0.01	0.00	0.00	598.90
1730.	884.	604.	242.	2664.	554.	797.	165.	26.	599.70
1.00	0.33	1.09	0.30	0.070	0.027	0.070	0.000	593.70	215.00
0.000013	49.	49.	49.	0	0	0	0.00	425.00	640.00

*SECNO 5604.000
3280 CROSS SECTION 5604.00 EXTENDED 1.34 FEET

3470 ENCROACHMENT STATIONS= 477.0 552.0 TYPE= 1 TARGET= 75.000
DOWNSTREAM OF R.R.BRIDGE

5604.00	15.44	610.34	0.00	0.00	610.48	0.14	0.02	0.04	600.30
1730.	218.	1288.	225.	228.	372.	235.	204.	30.	600.30
1.06	0.95	3.46	0.95	0.070	0.027	0.070	0.000	594.90	477.00
0.000152	700.	700.	700.	2	0	0	0.00	75.00	552.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5668.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5668.00 EXTENDED 1.35 FEET

5668.00	15.04	610.34	0.00	0.00	610.50	0.16	0.01	0.01	610.60
1730.	7.	1677.	45.	78.	509.	224.	205.	30.	610.60
1.07	0.09	3.30	0.20	0.070	0.017	0.070	0.000	595.30	75.23
0.000085	64.	64.	64.	0	0	0	0.00	524.53	700.00

PRINTED IN U.S.A

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	14.50	2.00	402.00	2.00	595.30	595.30

*SECNO 5684.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5684.00 EXTENDED 1.49 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	K3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
610.79	610.51	0.01	304.	1428.	402.	456.	607.60	610.60

5684.00	15.19	610.49	0.00	0.00	610.64	0.16	0.14	0.00	610.60
1730.	13.	1663.	54.	114.	515.	258.	205.	31.	610.60
1.07	0.11	3.23	0.21	0.070	0.017	0.070	0.000	595.30	65.19
0.000081	16.	16.	16.	2	0	2	0.00	558.51	700.00

CCHV= 0.100 CEHV= 0.300

*SECNO 5733.000

3280 CROSS SECTION 5733.00 EXTENDED 1.57 FEET

3470 ENCROACHMENT STATIONS= 440.0 582.0 TYPE= 1 TARGET= 142.000
UPSTREAM OF R.R.BRIDGE

5733.00	15.67	610.57	0.00	0.00	610.65	0.08	0.00	0.01	600.30
1730.	353.	1088.	290.	598.	379.	523.	207.	31.	600.30
1.08	0.59	2.87	0.55	0.070	0.017	0.070	0.000	594.90	440.00
0.000041	49.	49.	49.	2	0	0	0.00	142.00	582.00

*SECNO 5833.000

3280 CROSS SECTION 5833.00 EXTENDED 6.63 FEET

3470 ENCROACHMENT STATIONS= 340.0 682.0 TYPE= 1 TARGET= 342.000
DOWNSTREAM OF EURIKA ROAD

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
5833.00	15.13	610.63	0.00	0.00	610.66	0.03	0.00	0.01	603.30
1730.	457.	883.	390.	1291.	478.	1123.	212.	32.	602.60
1.10	0.35	1.85	0.35	0.070	0.017	0.070	0.000	595.50	340.00
0.000018	100.	100.	100.	2	0	0	0.00	342.00	682.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5882.000
3280 CROSS SECTION 5882.00 EXTENDED 14.16 FEET

3470 ENCROACHMENT STATIONS= 100.0 522.0 TYPE= 1 TARGET= 422.000

5882.00	14.16	610.66	0.00	0.00	610.67	0.01	0.00	0.01	602.90
1730.	493.	819.	419.	1522.	823.	1259.	215.	32.	603.50
1.12	0.32	0.99	0.33	0.060	0.027	0.060	0.000	596.50	100.00
0.000012	49.	49.	49.	2	0	0	0.00	422.00	522.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.63	2.63	0.00	36.00	0.00	125.00	0.00	596.00	596.00

*SECNO 5984.000
3280 CROSS SECTION 5984.00 EXTENDED 14.23 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
618.48	610.17	0.00	1565.	165.	125.	151.	600.20	602.90

3470 ENCROACHMENT STATIONS= 35.0 650.0 TYPE= 1 TARGET= 615.000

5984.00	14.23	610.73	0.00	0.00	610.73	0.00	0.06	0.00	602.90
1730.	449.	573.	708.	1996.	828.	2712.	226.	33.	603.50
1.20	0.22	0.69	0.26	0.060	0.027	0.060	0.000	596.50	35.00
0.000006	102.	102.	102.	0	0	6	0.00	615.00	650.00

CCHV= 0.100 CEHV= 0.300

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6033.000
3280 CROSS SECTION 6033.00 EXTENDED 6.73 FEET

3470 ENCROACHMENT STATIONS= 150.0 740.0 TYPE= 1 TARGET= 590.000
UPSTREAM OF EUREKA ROAD

6033.00	15.23	610.73	0.00	0.00	610.73	0.00	0.00	0.00	603.30
1730.	836.	415.	479.	2739.	482.	1582.	232.	34.	602.60
1.23	0.31	0.86	0.30	0.060	0.027	0.060	0.000	595.50	150.00
0.000010	49.	49.	49.	0	0	0	0.00	590.00	740.00

*SECNO 6533.000
3280 CROSS SECTION 6533.00 EXTENDED 7.23 FEET

3470 ENCROACHMENT STATIONS= 355.0 695.0 TYPE= 1 TARGET= 340.000
DOWNSTREAM OF RACHO ROAD

6533.00	15.53	610.73	0.00	0.00	610.74	0.01	0.01	0.00	601.50
1730.	568.	468.	693.	1310.	392.	1563.	278.	39.	601.30
1.44	0.43	1.20	0.44	0.060	0.027	0.060	0.000	595.20	355.00
0.000017	500.	500.	500.	0	0	0	0.00	340.00	695.00

CCHV= 0.300 CEHV= 0.500
*SECNO 6582.000
3280 CROSS SECTION 6582.00 EXTENDED 7.73 FEET

3470 ENCROACHMENT STATIONS= 140.0 455.0 TYPE= 1 TARGET= 315.000

6582.00	15.53	610.73	0.00	0.00	610.75	0.02	0.00	0.00	604.50
1730.	630.	630.	471.	1124.	387.	853.	281.	40.	604.50
1.46	0.56	1.62	0.55	0.060	0.027	0.060	0.000	595.20	140.00
0.000040	49.	49.	49.	0	0	0	0.00	315.00	455.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	10.00	0.00	51.00	0.00	595.20	595.20

*SECNO 6690.000
3280 CROSS SECTION 6690.00 EXTENDED 7.75 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
653.79	610.75	0.00	1675.	60.	51.	64.	601.60	604.50

3470 ENCROACHMENT STATIONS= 170.0 430.0 TYPE= 1 TARGET= 260.000

6690.00	15.55	610.75	0.00	0.00	610.78	0.03	0.03	0.00	604.50
1730.	581.	735.	414.	902.	388.	661.	287.	40.	604.50
1.48	0.64	1.89	0.63	0.060	0.027	0.060	0.000	595.20	170.00
0.000055	108.	108.	108.	2	0	6	0.00	260.00	430.00

CCHV= 0.100 CEHV= 0.300
*SECNO 6739.000
3280 CROSS SECTION 6739.00 EXTENDED 7.26 FEET

3470 ENCROACHMENT STATIONS= 407.0 643.0 TYPE= 1 TARGET= 236.000
UPSTREAM OF RACHO ROAD

6739.00	15.56	610.76	0.00	0.00	610.78	0.02	0.00	0.00	601.50
1730.	485.	615.	630.	864.	393.	1091.	289.	41.	601.30
1.50	0.56	1.57	0.58	0.060	0.027	0.060	0.000	595.20	407.00
0.000030	49.	49.	49.	1	0	0	0.00	236.00	643.00

*SECNO 7439.000
3280 CROSS SECTION 7439.00 EXTENDED 2.46 FEET

3470 ENCROACHMENT STATIONS= 480.0 560.0 TYPE= 1 TARGET= 80.000
DOWNSTREAM OF DRIVE TO SHOPPING CENTER

7439.00	14.96	610.66	0.00	0.00	610.85	0.19	0.02	0.05	605.20
1730.	108.	1405.	216.	104.	367.	176.	299.	42.	603.60
1.52	1.04	3.83	1.23	0.060	0.027	0.060	0.000	595.70	480.00
0.000260	300.	300.	300.	2	0	0	0.00	80.00	560.00

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRCB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 7488.000									
3280 CROSS SECTION	7488.00 EXTENDED		4.08 FEET						
7488.00	13.58	610.88	0.00	0.00	610.91	0.03	0.00	0.05	607.50
1730.	400.	1038.	292.	818.	630.	935.	301.	42.	607.90
1.53	0.49	1.65	0.31	0.050	0.027	0.060	0.000	597.30	0.00
0.000042	49.	49.	49.	2	0	0	0.00	600.00	600.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.71	2.63	0.00	32.00	0.00	107.00	0.00	597.30	597.30

*SECNO 7580.000
3280 CROSS SECTION 7580.00 EXTENDED 4.98 FEET

FRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
617.82	610.91	0.00	1077.	641.	107.	157.	602.20	607.50

3470 ENCROACHMENT STATIONS= 150.0 386.0 TYPE= 1 TARGET= 236.000

7580.00	14.48	611.78	0.00	0.00	611.83	0.05	0.93	0.00	607.50
1730.	131.	1375.	224.	227.	681.	497.	305.	43.	607.90
1.55	0.58	2.02	0.45	0.050	0.027	0.060	0.000	597.30	150.00
0.000057	92.	92.	92.	2	0	2	0.00	236.00	386.00

CCHV= 0.100 CEHV= 0.300
*SECNO 7629.000
3280 CROSS SECTION 7629.00 EXTENDED 3.59 FEET

3470 ENCROACHMENT STATIONS= 402.0 645.0 TYPE= 1 TARGET= 243.000
UPSTREAM OF DRIVE TO SHOPPING CENTER

7629.00	16.10	611.80	0.05	0.00	611.84	0.04	0.00	0.00	605.20
1730.	349.	840.	541.	558.	405.	764.	307.	43.	603.60
1.56	0.63	2.07	0.71	0.060	0.027	0.060	0.000	595.70	402.00
0.000067	49.	49.	49.	1	0	0	0.00	243.00	645.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 8001.000
3280 CROSS SECTION 8001.00 EXTENDED 1.82 FEET

DOWNSTREAM OF SHOPPING CENTER DRIVE

8001.00	15.82	611.82	0.00	0.00	611.86	0.04	0.02	0.00	605.70
1730.	541.	999.	190.	1347.	493.	608.	325.	48.	608.40
1.64	0.40	2.02	0.31	0.060	0.027	0.060	0.000	596.00	0.00
0.000063	372.	372.	372.	0	0	0	0.00	900.00	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 8050.000
3230 CROSS SECTION 8050.00 EXTENDED 3.82 FEET

3470 ENCROACHMENT STATIONS= 290.0 545.0 TYPE= 1 TARGET= 255.000

8050.00	15.61	611.81	0.00	0.00	611.88	0.07	0.00	0.02	608.50
1730.	169.	1484.	77.	382.	659.	217.	327.	49.	609.10
1.64	0.44	2.25	0.35	0.070	0.027	0.070	0.000	596.20	290.00
0.000085	49.	49.	49.	1	0	0	0.00	255.00	545.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	28.00	0.00	130.00	0.00	596.20	596.20

*SECNO 8163.000
6870 D.S. ENERGY OF 611.88 HIGHER THAN COMPUTED ENERGY OF 611.87
3280 CROSS SECTION 8163.00 EXTENDED 3.82 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.68	611.85	0.00	1533.	197.	130.	195.	602.80	608.50

3470 ENCROACHMENT STATIONS= 280.0 560.0 TYPE= 1 TARGET= 280.000

8163.00	15.62	611.82	0.00	0.00	611.88	0.06	0.00	0.00	608.50
1730.	180.	1457.	93.	415.	659.	262.	330.	49.	609.10
1.66	0.43	2.21	0.35	0.070	0.027	0.070	0.000	596.20	280.00
0.000082	113.	113.	113.	2	0	7	0.00	280.00	560.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 8212.000
3280 CROSS SECTION 8212.00 EXTENDED 0.81 FEET

3470 ENCROACHMENT STATIONS= 334.0 589.0 TYPE= 1 TARGET= 255.000
UPSTREAM OF SHOPPING CENTER DRIVE

8212.00	15.80	611.80	0.00	0.00	611.39	0.09	0.00	0.01	605.70
1730.	334.	1326.	70.	618.	493.	148.	332.	50.	608.40
1.67	0.54	2.69	0.47	0.070	0.027	0.070	0.000	596.00	334.00
0.000112	49.	49.	49.	1	0	0	0.00	255.00	589.00

*SECNO 8537.000
3280 CROSS SECTION 8537.00 EXTENDED 0.86 FEET

DOWNSTREAM OF SHOPPING CENTER DRIVE

8537.00	14.26	611.86	0.00	0.00	611.94	0.07	0.04	0.00	607.40
1730.	479.	1071.	181.	920.	391.	507.	343.	54.	609.00
1.71	0.52	2.74	0.36	0.070	0.027	0.070	0.000	597.60	0.00
0.000163	325.	325.	325.	2	0	0	0.00	800.00	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 8586.000

3470 ENCROACHMENT STATIONS= 188.0 448.0 TYPE= 1 TARGET= 260.000

8586.00	13.67	611.87	0.00	0.00	611.95	0.08	0.01	0.00	608.60
1730.	165.	1455.	110.	350.	589.	254.	345.	54.	609.10
1.72	0.47	2.47	0.43	0.070	0.027	0.070	0.000	598.20	188.00
0.000109	49.	49.	49.	0	0	0	0.00	260.00	448.00

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BW°	BAREA	SS	ELCHU	ELCHD
	0.00	1.72	2.63	0.00	29.00	0.00	125.00	0.00	598.20	598.20

*SECNO 8683.000
6870 D.S. ENERGY OF 611.95 HIGHER THAN COMPUTED ENERGY OF 611.94
PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.98	611.95	0.00	1520.	208.	125.	186.	604.60	608.60

3470 ENCROACHMENT STATIONS= 186.0 486.0 TYPE= 1 TARGET= 300.000

8683.00	13.67	611.87	0.00	0.00	611.95	0.07	0.00	0.00	608.60
1730.	163.	1420.	147.	356.	590.	352.	348.	55.	609.10
1.73	0.46	2.41	0.42	0.070	0.027	0.070	0.000	598.20	186.00
0.000104	97.	97.	97.	2	0	7	0.00	300.00	486.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8732.000
3280 CROSS SECTION 8732.00 EXTENDED 0.88 FEET

UPSTREAM OF SHOPPING CENTER DR.

8732.00	14.28	611.88	0.00	0.00	611.95	0.07	0.01	0.00	607.40
1730.	480.	1067.	182.	926.	391.	512.	349.	55.	609.00
1.74	0.52	2.73	0.36	0.070	0.027	0.070	0.000	597.60	0.00
0.000161	49.	49.	49.	0	0	0	0.00	800.00	800.00

*SECNO 9057.000
3280 CROSS SECTION 9057.00 EXTENDED 4.45 FEET

DOWNSTREAM OF SHOPPING CENTER DRIVE

9057.00	14.15	611.95	0.00	0.30	611.98	0.03	0.03	0.00	606.70
1730.	311.	1062.	358.	977.	582.	810.	365.	61.	603.30
1.81	0.32	1.82	0.44	0.070	0.027	0.070	0.000	597.80	0.00
0.000045	325.	325.	325.	2	0	0	0.00	600.00	600.00

CCHV= 0.300 CEHV= 0.500
*SECNO 9106.000
3280 CROSS SECTION 9106.00 EXTENDED 5.96 FEET

3470 ENCROACHMENT STATIONS= 110.0 600.0 TYPE= 1 TARGET= 490.000

9106.00	13.47	611.97	0.00	0.00	611.99	0.02	0.00	0.00	607.90
1730.	215.	326.	688.	677.	544.	1540.	368.	61.	607.40
1.83	0.32	1.52	0.45	0.070	0.027	0.070	0.000	598.50	110.00
0.000040	49.	49.	49.	1	0	0	0.00	490.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.70	2.63	0.00	30.00	0.00	126.00	0.00	598.50	598.50

*SECNO 9201.000
3280 CROSS SECTION 9201.00 EXTENDED 6.01 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.95	611.99	0.00	1536.	193.	126.	183.	604.60	607.40

3470 ENCROACHMENT STATIONS= 135.0 575.0 TYPE= 1 TARGET= 440.000

9201.00	13.51	612.01	0.00	0.00	612.03	0.02	0.04	0.00	607.90
1730.	214.	864.	652.	626.	547.	1399.	374.	62.	607.40
1.85	0.34	1.58	0.47	0.070	0.027	0.070	0.000	598.50	135.00
0.000043	95.	95.	95.	2	0	6	0.00	440.00	575.00

CCHV= 0.100 CEHV= 0.300
*SECNO 9250.000
3280 CROSS SECTION 9250.00 EXTENDED 4.51 FEET

3470 ENCROACHMENT STATIONS= 190.0 605.0 TYPE= 1 TARGET= 415.000
UPSTREAM OF SHOPPING CENTER DRIVE

9250.00	14.20	612.00	0.00	0.00	612.04	0.03	0.00	0.00	606.80
1730.	288.	1076.	367.	799.	585.	819.	376.	63.	603.30
1.86	0.36	1.34	0.45	0.070	0.027	0.070	0.000	597.80	190.00
0.000046	49.	49.	49.	0	0	0	0.00	410.00	600.00

*SECNO 9607.000
3280 CROSS SECTION 9607.00 EXTENDED 6.04 FEET

3470 ENCROACHMENT STATIONS= 35.0 770.0 TYPE= 1 TARGET= 735.000
DOWNSTREAM OF NEW PARDEE ROAD

9607.00	13.34	612.04	0.00	0.00	612.05	0.01	0.01	0.00	605.70
1730.	620.	525.	585.	1973.	391.	1476.	401.	63.	605.70
2.02	0.31	1.34	0.40	0.070	0.027	0.070	0.000	598.70	35.00
0.000031	357.	357.	357.	2	0	0	0.00	735.00	770.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 9676.000
3280 CROSS SECTION 9676.00 EXTENDED 6.05 FEET

9676.00	13.05	612.05	0.00	0.00	612.06	0.01	0.00	0.00	605.50
1730.	563.	617.	551.	2016.	543.	1679.	407.	69.	605.30
2.05	0.28	1.14	0.33	0.070	0.027	0.070	0.000	599.00	0.00
0.000019	69.	69.	69.	0	0	0	0.00	700.00	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.90	2.63	0.00	27.00	0.00	95.00	0.00	599.00	599.00

*SECNO 9676.000
3280 CROSS SECTION 9676.00 EXTENDED 6.10 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
621.83	612.06	0.00	1613.	131.	95.	127.	603.70	605.30

9676.00	13.09	612.09	0.00	0.00	612.10	0.01	0.05	0.00	605.50
1730.	565.	614.	551.	2039.	546.	1693.	417.	70.	605.30
2.09	0.28	1.12	0.33	0.070	0.027	0.070	0.000	599.00	0.00
0.000019	98.	98.	98.	0	0	6	0.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 9823.000
3280 CROSS SECTION 9823.00 EXTENDED 6.10 FEET

UPSTREAM OF NEW PARDEE RD.

9823.00	13.40	612.10	0.00	0.00	612.10	0.01	0.00	0.00	605.70
1730.	610.	497.	624.	2090.	393.	1672.	422.	71.	605.70
2.12	0.29	1.26	0.37	0.070	0.027	0.070	0.000	598.70	0.00
0.000027	49.	49.	49.	0	0	0	0.00	800.00	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10293.000
3280 CROSS SECTION 10293.00 EXTENDED 6.11 FEET

DOWNSTREAM OF DRIVEWAY TO BIG@M@

10293.00	12.71	612.11	0.00	0.00	612.12	0.01	0.01	0.00	607.30
1730.	490.	576.	664.	1518.	409.	1553.	463.	79.	606.90
2.30	0.32	1.41	0.43	0.070	0.027	0.070	0.000	599.40	44.68
0.000038	470.	470.	470.	0	0	0	0.00	755.32	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10342.000
3280 CROSS SECTION 10342.00 EXTENDED 5.11 FEET

10342.00	13.31	612.11	0.00	0.00	612.12	0.01	0.00	0.00	608.80
1730.	110.	606.	1014.	629.	477.	2757.	467.	80.	607.30
2.32	0.18	1.27	0.37	0.070	0.027	0.070	0.000	598.80	44.51
0.000027	49.	49.	49.	0	0	0	0.00	855.49	900.00

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.95	1.71	2.63	0.00	20.00	2.00	124.00	0.00	588.80	588.80

*SECNO 10400.000
3280 CROSS SECTION 10400.00 EXTENDED 5.16 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
617.28	612.12	0.00	1557.	173.	124.	297.	605.30	607.30

10400.00	13.35	612.15	0.00	0.00	612.16	0.01	0.04	0.00	608.90
1730.	114.	603.	1014.	648.	479.	2781.	472.	81.	607.30
2.34	0.18	1.26	0.36	0.070	0.027	0.070	0.000	598.80	41.81
0.000027	58.	58.	58.	0	0	6	0.00	858.19	900.00

CCHV= 0.100 CEHV= 0.300

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10449.000
3280 CROSS SECTION 10449.00 EXTENDED 6.16 FEET

3470 ENCROACHMENT STATIONS= 160.0 785.0 TYPE= 1 TARGET= 625.000
UPSTREAM OF DRIVEWAY TO BIG@M@

10449.00	12.75	612.15	0.00	0.00	612.17	0.01	0.00	0.00	607.30
1730.	489.	594.	647.	1402.	411.	1473.	476.	82.	606.90
2.36	0.35	1.45	0.44	0.070	0.027	0.070	0.000	599.40	160.00
0.000040	49.	49.	49.	0	0	0	0.00	625.00	785.00

*SECNO 10754.000
3280 CROSS SECTION 10754.00 EXTENDED 6.16 FEET

3470 ENCROACHMENT STATIONS= 310.0 780.0 TYPE= 1 TARGET= 470.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

10754.00	12.96	612.16	0.00	0.00	612.18	0.03	0.01	0.00	609.40
1730.	190.	857.	684.	581.	433.	1361.	496.	86.	605.60
2.43	0.33	1.77	0.50	0.070	0.027	0.070	0.000	599.20	310.00
0.000054	305.	305.	305.	0	0	0	0.00	470.00	780.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10803.000
3280 CROSS SECTION 10803.00 EXTENDED 4.16 FEET

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

10803.00	12.76	612.16	0.00	0.00	612.19	0.03	0.00	0.00	609.20
1730.	73.	877.	780.	283.	431.	1570.	499.	37.	608.00
2.45	0.26	2.04	0.50	0.070	0.027	0.070	0.000	599.40	91.96
0.000077	49.	49.	49.	0	0	0	0.00	608.04	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.75	2.63	0.00	19.00	1.00	120.00	0.00	599.40	599.40

*SECNO 10871.000
3280 CROSS SECTION 10871.00 EXTENDED 4.19 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
617.81	612.19	0.00	1534.	193.	120.	115.	605.80	608.10

3470 ENCROACHMENT STATIONS= 1.0 700.0 TYPE= 1 TARGET= 699.000

10871.00	12.79	612.19	0.00	0.00	612.23	0.03	0.04	0.00	609.20
1730.	74.	874.	782.	290.	432.	1582.	503.	88.	608.00
2.46	0.26	2.02	0.49	0.070	0.027	0.070	0.000	599.40	90.32
0.000075	68.	68.	68.	2	0	6	0.00	609.68	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10920.000
3280 CROSS SECTION 10920.00 EXTENDED 6.20 FEET

3470 ENCROACHMENT STATIONS= 274.0 319.0 TYPE= 1 TARGET= 545.000
UPSTREAM OF DRIVEWAY TO @BIG M@

10920.00	12.81	612.21	0.00	0.00	612.23	0.02	0.00	0.00	609.40
1730.	211.	779.	741.	701.	483.	1606.	505.	88.	605.60
2.47	0.30	1.61	0.46	0.070	0.027	0.070	0.000	599.40	274.00
0.000045	49.	49.	49.	1	0	0	0.00	545.00	819.00

*SECNO 11098.000
3280 CROSS SECTION 11098.00 EXTENDED 4.22 FEET

3470 ENCROACHMENT STATIONS= 100.0 775.0 TYPE= 1 TARGET= 675.000
DOWNSTREAM OF DRIVEWAY TO @BIG M@

11098.00	12.72	612.22	0.00	0.00	612.24	0.02	0.01	0.00	607.50
1730.	615.	730.	384.	1629.	459.	997.	517.	91.	607.30
2.53	0.38	1.59	0.39	0.070	0.027	0.070	0.000	599.50	100.00
0.000047	178.	178.	178.	0	0	0	0.00	675.00	775.00

CCHV= 0.300 CEHV= 0.500

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 11147.000									
3280 CROSS SECTION 11147.00 EXTENDED 2.22 FEET									
11147.00	12.32	612.22	0.00	0.00	612.25	0.04	0.00	0.01	609.10
1730.	199.	879.	652.	627.	422.	1513.	521.	92.	608.60
2.54	0.32	2.08	0.43	0.070	0.027	0.070	0.000	599.90	0.00
0.000082	49.	49.	49.	0	0	0	0.00	800.00	800.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.71	2.63	0.00	19.00	1.00	107.00	0.00	600.00	600.00

*SECNO 11205.000
3280 CROSS SECTION 11205.00 EXTENDED 2.24 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
619.16	612.25	0.00	1587.	158.	107.	106.	605.90	608.60

11205.00	12.34	612.24	0.00	0.00	612.27	0.04	0.02	0.00	609.10
1730.	200.	877.	654.	632.	422.	1520.	524.	93.	608.60
2.55	0.32	2.07	0.43	0.070	0.027	0.070	0.000	599.90	0.00
0.000081	58.	58.	58.	2	0	6	0.00	800.00	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11254.000
3280 CROSS SECTION 11254.00 EXTENDED 4.25 FEET

3470 ENCROACHMENT STATIONS= 90.0 780.0 TYPE= 1 TARGET= 690.000
UPSTREAM OF DRIVEWAY TO @BIG "a

11254.00	12.76	612.26	0.00	0.00	612.28	0.02	0.00	0.00	607.50
1730.	619.	721.	390.	1665.	460.	1025.	527.	94.	607.30
2.57	0.37	1.57	0.38	0.070	0.027	0.070	0.000	599.50	90.00
0.000045	49.	49.	49.	1	0	0	0.00	690.00	780.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11404.000
3280 CROSS SECTION 11404.00 EXTENDED 3.77 FEET

3470 ENCROACHMENT STATIONS= 250.0 900.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF SYRACUSE RD.

11404.00	11.67	612.27	0.00	0.00	612.29	0.02	0.01	0.00	607.30
1730.	299.	546.	885.	691.	274.	1587.	537.	96.	608.30
2.61	0.43	1.99	0.56	0.070	0.027	0.070	0.000	600.60	250.00
0.000099	150.	150.	150.	0	0	0	0.00	650.00	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11453.000
3280 CROSS SECTION 11453.00 EXTENDED 2.77 FEET

3470 ENCROACHMENT STATIONS= 175.0 800.0 TYPE= 1 TARGET= 625.000

11453.00	12.07	612.27	0.00	0.00	612.29	0.02	0.00	0.00	607.40
1730.	355.	584.	791.	767.	290.	1525.	540.	97.	607.00
2.63	0.46	2.01	0.52	0.070	0.027	0.070	0.000	600.20	175.00
0.000087	49.	49.	49.	0	0	0	0.00	625.00	800.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.38	2.63	0.00	18.00	0.00	68.00	0.00	600.20	600.20

*SECNO 11643.000
3280 CROSS SECTION 11643.00 EXTENDED 2.81 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
636.19	612.29	0.00	1643.	37.	68.	104.	606.00	607.00

11643.00	12.11	612.31	0.00	0.00	612.33	0.02	0.04	0.00	607.40
1730.	372.	574.	784.	889.	291.	1539.	551.	100.	607.00
2.68	0.42	1.97	0.51	0.070	0.027	0.070	0.000	600.20	0.00
0.000083	190.	190.	190.	2	0	7	0.00	800.00	800.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 11692.000
3280 CROSS SECTION 11692.00 EXTENDED 3.81 FEET

UPSTREAM OF SYRACUSE RD.

11692.00	11.71	612.31	0.00	0.00	612.34	0.02	0.00	0.00	607.30
1730.	311.	539.	880.	807.	276.	1603.	555.	101.	608.30
2.69	0.39	1.95	0.55	0.070	0.027	0.070	0.000	600.60	0.00
0.000095	49.	49.	49.	0	0	0	0.00	900.00	900.00

*SECNO 12692.000
3280 CROSS SECTION 12692.00 EXTENDED 4.03 FEET

3470 ENCROACHMENT STATIONS= 370.0 705.0 TYPE= 1 TARGET= 335.000
DOWNSTREAM OF NB OF TELEGRAPH RD.

12692.00	9.83	612.43	0.00	0.00	612.49	0.06	0.14	0.01	607.40
1730.	335.	572.	823.	453.	186.	897.	603.	115.	607.20
2.87	0.74	3.07	0.92	0.070	0.027	0.070	0.000	602.60	370.00
0.000228	1000.	1000.	1000.	2	0	0	0.00	335.00	705.00

CCHV= 0.300 CEHV= 0.500
*SECNO 12741.000
3280 CROSS SECTION 12741.00 EXTENDED 3.01 FEET

3470 ENCROACHMENT STATIONS= 230.0 540.0 TYPE= 1 TARGET= 310.000

12741.00	10.61	612.41	0.00	0.00	612.53	0.13	0.01	0.03	609.40
1730.	755.	975.	0.	812.	263.	0.	604.	115.	609.40
2.87	0.93	3.70	0.00	0.060	0.027	0.000	0.000	601.80	230.00
0.000329	49.	49.	49.	2	0	0	0.00	299.00	529.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.49	2.63	0.00	12.00	0.00	52.00	0.00	601.80	601.80

*SECNO 12831.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

6870 D.S. ENERGY OF 612.53 HIGHER THAN COMPUTED ENERGY OF 612.50
3280 CROSS SECTION 12831.00 EXTENDED 2.99 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
655.20	612.53	0.00	1648.	80.	52.	56.	606.50	609.40

3470 ENCROACHMENT STATIONS=			270.0	530.0	TYPE=	1	TARGET=	260.000	
12831.00	10.59	612.39	0.00	0.00	612.53	0.15	0.00	0.00	609.40
1730.	706.	1024.	0.	687.	263.	0.	607.	116.	609.40
2.88	1.03	3.90	0.00	0.060	0.027	0.000	0.000	601.80	270.00
0.000406	90.	90.	90.	2	0	8	0.00	259.00	529.00

CCHV= 0.100 CEHV= 0.300
*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 4.07 FEET

3470 ENCROACHMENT STATIONS=			420.0	635.0	TYPE=	1	TARGET=	215.000	
UPSTREAM OF NB OF TELEGRAPH RD.									
DOWNSTREAM OF SB OF TELEGRAPH RD.									
12880.00	9.87	612.47	0.00	0.00	612.56	0.09	0.02	0.01	607.40
1730.	327.	673.	730.	308.	137.	578.	608.	116.	607.20
2.89	1.06	3.59	1.26	0.060	0.027	0.060	0.000	602.60	420.00
0.000311	49.	49.	49.	2	0	0	0.00	215.00	635.00

*SECNO 12880.000
3280 CROSS SECTION 12880.00 EXTENDED 4.07 FEET

3470 ENCROACHMENT STATIONS=			420.0	635.0	TYPE=	1	TARGET=	215.000	
12880.00	9.87	612.47	0.00	0.00	612.56	0.09	0.00	0.00	607.40
1730.	327.	673.	730.	308.	137.	579.	608.	116.	607.20
2.89	1.06	3.59	1.26	0.060	0.027	0.060	0.000	602.60	420.00
0.000311	0.	0.	0.	0	0	0	0.00	215.00	635.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.800
*SECNO 12929.000
3280 CROSS SECTION 12929.00 EXTENDED 2.48 FEET

3470 ENCROACHMENT STATIONS=		40.0	700.0	TYPE=	1	TARGET=	660.000		
12929.00	10.08	612.48	0.00	0.00	612.59	0.11	0.02	0.01	611.20
1730.	460.	883.	388.	606.	243.	479.	609.	117.	611.20
2.89	0.76	3.63	0.81	0.060	0.027	0.060	0.000	602.40	40.00
0.000465	49.	49.	49.	0	0	0	0.00	660.00	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	SWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	20.00	0.00	122.00	0.00	602.40	602.40

*SECNO 12986.000
3280 CROSS SECTION 12986.00 EXTENDED 4.64 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
618.35	612.59	0.00	664.	1067.	122.	142.	609.50	611.20

3470 ENCROACHMENT STATIONS=		200.0	505.0	TYPE=	1	TARGET=	305.000		
12986.00	12.24	614.64	0.00	0.00	614.71	0.07	2.12	0.00	611.20
1730.	607.	941.	181.	740.	328.	233.	611.	117.	611.20
2.90	0.82	2.87	0.78	0.060	0.027	0.060	0.000	602.40	200.00
0.000197	57.	57.	57.	2	0	2	0.00	305.00	505.00

CCHV= 0.100 CEHV= 0.300
*SECNO 13035.000
3280 CROSS SECTION 13035.00 EXTENDED 6.31 FEET

3470 ENCROACHMENT STATIONS=		300.0	705.0	TYPE=	1	TARGET=	405.000		
UPSTREAM OF SB CF TELEGRAPH RD.									
13035.00	12.11	614.71	0.00	0.00	614.72	0.01	0.00	0.01	607.40
1730.	562.	374.	795.	1105.	237.	1314.	613.	118.	607.20
2.92	0.51	1.58	0.60	0.060	0.027	0.060	0.000	602.60	300.00
0.000044	49.	49.	49.	2	0	0	0.00	405.00	705.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 13335.000
3280 CROSS SECTION 13335.00 EXTENDED 0.24 FEET

3470 ENCROACHMENT STATIONS= 80.0 730.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF COOPER RD.

13335.00	12.43	614.73	0.00	0.00	614.74	0.01	0.01	0.00	608.60
1730.	1069.	420.	242.	2278.	349.	670.	633.	121.	610.50
3.05	0.47	1.20	0.36	0.060	0.027	0.060	0.000	602.30	80.00
0.000038	300.	300.	300.	1	0	0	0.00	650.00	730.00

CCHV= 0.300 CEHV= 0.500
*SECNO 13434.000
3280 CROSS SECTION 13434.00 EXTENDED 5.93 FEET

13434.00	12.93	614.73	0.00	0.00	614.74	0.01	0.00	0.00	609.10
1730.	975.	428.	327.	2270.	289.	961.	641.	123.	609.10
3.09	0.43	1.48	0.34	0.070	0.027	0.070	0.000	601.80	0.00
0.000041	99.	99.	99.	0	0	0	0.00	700.00	700.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.88	2.63	0.00	9.00	0.00	45.00	0.00	601.80	601.80

*SECNO 13476.000
3280 CROSS SECTION 13476.00 EXTENDED 5.98 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
657.88	614.74	0.00	1683.	61.	45.	58.	608.20	609.10

13476.00	12.97	614.77	0.00	0.00	614.78	0.01	0.04	0.00	609.10
1730.	975.	425.	329.	2289.	291.	974.	645.	123.	609.10
3.11	0.43	1.46	0.34	0.070	0.027	0.070	0.000	601.80	0.00
0.000040	42.	42.	42.	1	0	5	0.00	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 13575.000									
3280 CROSS SECTION 13575.00 EXTENDED 5.58 FEET									
UPSTREAM OF COOPER RD.									
13575.00	12.48	614.78	0.00	0.00	614.79	0.01	0.00	0.00	608.60
1730.	1048.	40C.	282.	2739.	351.	1076.	653.	125.	610.50
3.16	0.38	1.14	0.26	0.070	0.027	0.070	0.000	602.30	0.00
0.000034	99.	99.	99.	0	0	0	0.00	1000.00	1000.00
*SECNO 14475.000									
3280 CROSS SECTION 14475.00 EXTENDED 3.12 FEET									
DOWNSTREAM OF BAILY RD.									
14475.00	11.62	614.82	0.00	0.00	614.84	0.01	0.05	0.00	609.90
1730.	962.	356.	412.	1772.	185.	1038.	727.	144.	609.20
3.48	0.54	1.92	0.40	0.070	0.027	0.070	0.000	603.20	48.99
0.000089	900.	90C.	900.	0	0	0	0.00	851.01	900.00
CCHV= 0.300 CEHV= 0.5C0									
*SECNO 14524.000									
3280 CROSS SECTION 14524.00 EXTENDED 3.53 FEET									
14524.00	12.13	614.83	C.00	0.00	614.84	0.01	0.00	0.00	612.30
1730.	788.	424.	517.	1411.	244.	1129.	731.	145.	612.20
3.49	0.56	1.74	C.46	0.055	0.027	0.060	0.000	602.70	0.00
0.000078	49.	49.	49.	0	0	0	0.00	800.00	800.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.41	2.63	0.00	12.00	0.0C	73.00	0.00	602.70	602.70

*SECNO 14652.000
3280 CROSS SECTION 14652.00 EXTENDED 3.58 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
635.85	614.84	0.00	1647.	89.	73.	96.		610.70	612.20
14652.00	12.17	614.87	0.00	0.00	614.88	0.01	0.04	0.00	612.30
1730.	790.	420.	520.	1431.	245.	1147.	739.	148.	612.20
3.54	0.55	1.71	0.45	0.055	0.027	0.060	0.000	602.70	0.00
0.000075	128.	128.	128.	1	0	5	0.00	800.00	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 14701.000
3280 CROSS SECTION 14701.00 EXTENDED 3.17 FEET

UPSTREAM OF BAILY RD.

14701.00	11.67	614.87	0.00	0.00	614.89	0.01	0.00	0.00	609.90
1730.	924.	339.	467.	1798.	186.	1060.	742.	149.	609.20
3.56	0.51	1.82	0.44	0.070	0.027	0.060	0.000	603.20	45.44
0.000078	49.	49.	49.	0	0	0	0.00	854.56	900.00

*SECNO 15601.000
3280 CROSS SECTION 15601.00 EXTENDED 0.36 FEET

DOWNSTREAM OF WESTLAKE RD.

15601.00	10.66	614.96	0.00	0.00	615.01	0.05	0.12	0.01	612.00
1730.	374.	566.	790.	702.	192.	970.	793.	167.	611.10
3.73	0.53	2.94	0.81	0.070	0.027	0.060	0.000	604.30	0.00
0.000252	900.	900.	900.	2	0	0	0.00	898.24	898.24

CCHV= 0.300 CEHV= 0.500
*SECNO 15750.000
3280 CROSS SECTION 15750.00 EXTENDED 0.79 FEET

15750.00	9.69	614.99	0.00	0.00	615.06	0.07	0.04	0.01	610.20
1730.	433.	845.	452.	696.	283.	612.	799.	170.	610.00
3.75	0.62	2.99	0.74	0.060	0.027	0.060	0.000	605.30	0.00
0.000231	149.	149.	149.	0	0	0	0.00	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRCB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.23	2.63	0.00	12.00	0.00	68.00	0.00	605.30	605.30

*SECNO 15800.000
3280 CROSS SECTION 15800.00 EXTENDED 0.96 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
637.40	615.06	0.00	1556.	174.	68.	89.	612.70	614.70

15800.00	9.86	615.16	0.00	0.00	615.22	0.06	0.16	0.00	610.20
1730.	456.	811.	462.	763.	290.	656.	801.	170.	610.00
3.76	0.60	2.80	0.71	0.060	0.027	0.060	0.000	605.30	0.00
0.000197	50.	50.	50.	2	0	7	0.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 15849.000
3280 CROSS SECTION 15849.00 EXTENDED 0.17 FEET

3470 ENCROACHMENT STATIONS= 50.0 850.0 TYPE= 1 TARGET= 300.000
UPSTREAM OF WESTLAKE RD.

15849.00	10.88	615.18	0.00	0.00	615.23	0.05	0.01	0.00	612.00
1730.	427.	572.	731.	776.	197.	1015.	303.	171.	611.10
3.77	0.55	2.90	0.72	0.070	0.027	0.070	0.000	604.30	50.00
0.000236	49.	49.	49.	1	0	0	0.00	800.00	850.00

CCHV= 0.100 CEHV= 0.500
*SECNO 17575.000
3280 CROSS SECTION 17575.00 EXTENDED 2.14 FEET

17575.00	7.94	615.74	0.00	0.00	615.77	0.02	0.54	0.00	613.90
1730.	472.	297.	961.	674.	122.	1079.	879.	203.	613.10
4.20	0.70	2.43	0.89	0.070	0.035	0.070	0.000	607.80	18.38
0.000428	1726.	1726.	1726.	2	0	0	0.00	781.62	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOE	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.800
*SECNO 17710.000
3280 CROSS SECTION 17710.00 EXTENDED 0.63 FEET

17710.00	7.63	615.83	0.00	0.00	615.96	0.13	0.11	0.09	614.50
1730.	300.	556.	874.	300.	115.	663.	884.	205.	613.80
4.22	1.00	4.82	1.32	0.070	0.035	0.070	0.000	608.20	151.97
0.001913	135.	135.	135.	2	0	0	0.00	748.03	900.00

*SECNO 17850.000
3280 CROSS SECTION 17850.00 EXTENDED 0.23 FEET

17850.00	8.03	616.13	0.00	0.00	616.46	0.33	0.34	0.16	614.50
1730.	297.	847.	586.	237.	131.	409.	887.	207.	614.10
4.23	1.25	6.45	1.43	0.070	0.035	0.070	0.000	608.10	236.68
0.003263	140.	140.	140.	2	0	0	0.00	663.32	900.00

*SECNO 18100.000
3280 CROSS SECTION 18100.00 EXTENDED 0.69 FEET

3470 ENCROACHMENT STATIONS= 220.0 805.0 TYPE= 1 TARGET= 585.000

18100.00	8.49	616.89	0.00	0.00	617.05	0.16	0.57	0.02	614.80
1730.	396.	693.	641.	362.	143.	496.	892.	211.	614.40
4.26	1.09	4.86	1.29	0.070	0.035	0.070	0.000	608.40	220.00
0.001661	250.	250.	250.	2	0	0	0.00	585.00	805.00

*SECNO 18575.000
DOWNSTREAM OF BEECH DALY RD.

18575.00	8.99	617.89	0.00	0.00	618.33	0.44	1.06	0.22	616.70
1730.	68.	1001.	661.	79.	146.	414.	901.	217.	614.60
4.28	0.86	6.85	1.60	0.070	0.035	0.070	0.000	608.90	302.89
0.003183	475.	475.	475.	2	0	0	0.00	561.85	864.74

CCHV= 0.300 CEHV= 0.500
*SECNO 18624.000
3280 CROSS SECTION 18624.00 EXTENDED 1.44 FEET

18624.00	9.34	618.44	0.00	0.00	618.48	0.04	0.03	0.12	611.00
1730.	375.	407.	949.	450.	137.	1034.	902.	218.	609.10
4.29	0.83	2.97	0.95	0.060	0.035	0.070	0.000	609.10	79.45
0.000274	49.	49.	49.	2	0	0	0.00	620.55	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.98	2.63	0.00	15.00	0.00	112.00	0.00	609.40	609.40

*SECNO 18704.000
3280 CROSS SECTION 18704.00 EXTENDED 1.71 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
625.78	618.78	0.00	1374.	355.	112.	105.	616.40	618.50

18704.00	9.61	618.71	0.00	0.00	619.75	0.03	0.27	0.00	611.00
1730.	403.	383.	944.	558.	141.	1077.	905.	219.	609.10
4.31	0.72	2.72	0.83	0.060	0.035	0.070	0.000	609.10	0.00
0.000221	80.	80.	80.	2	0	5	0.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 18753.000
3280 CROSS SECTION 18753.00 EXTENDED 0.60 FEET

3470 ENCROACHMENT STATIONS= 285.0 815.0 TYPE= 1 TARGET= 530.000
UPSTREAM OF BEECH DALY RD.

18753.00	9.70	618.60	0.00	0.00	618.83	0.23	0.02	0.06	616.70
1730.	167.	867.	696.	229.	163.	615.	907.	220.	614.60
4.32	0.73	5.32	1.13	0.070	0.027	0.070	0.000	608.90	285.00
0.000987	49.	49.	49.	2	0	0	0.00	530.00	815.00

*SECNO 19003.000

3470 ENCROACHMENT STATIONS= 250.0 820.0 TYPE= 1 TARGET= 570.000
DOWNSTREAM OF MC GUIRE RD.

19003.00	8.99	618.69	0.00	0.00	619.20	0.52	0.29	0.09	615.00
1730.	337.	1249.	143.	277.	135.	159.	911.	222.	615.80
4.33	1.22	6.75	0.90	0.070	0.027	0.070	0.000	609.70	277.28
0.001372	250.	250.	250.	2	0	0	0.00	436.35	713.63

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 19077.000

3470 ENCROACHMENT STATIONS= 150.0 615.0 TYPE= 1 TARGET= 465.000

19077.00	9.85	619.35	0.00	0.00	619.37	0.02	0.02	0.15	617.20
1730.	728.	458.	543.	1047.	228.	757.	914.	223.	613.00
4.35	0.70	2.01	0.72	0.060	0.027	0.060	0.000	609.50	150.00
0.000111	74.	74.	74.	2	0	0	0.00	465.00	615.00

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.59	2.63	0.00	12.00	0.00	69.00	0.00	609.50	609.50

*SECNO 19235.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
644.63	619.37	0.00	1625.	111.	69.	90.	617.00	617.20

19235.00	9.93	619.43	0.00	0.00	619.45	0.02	0.08	0.00	617.20
1730.	734.	443.	552.	1167.	231.	866.	922.	225.	613.00
4.40	0.63	1.92	0.64	0.060	0.027	0.060	0.000	609.50	8.16
0.000099	158.	158.	158.	1	0	7	0.00	741.05	749.21

CCHV= 0.300 CEHV= 0.500
*SECNO 19384.000
DOWNSTREAM OF MARVIN RD.

19384.00	9.25	619.35	0.00	0.00	619.61	0.25	0.04	0.12	617.60
1730.	434.	959.	236.	477.	179.	239.	927.	228.	617.50
4.41	1.01	5.35	1.20	0.070	0.035	0.070	0.000	610.10	93.28
0.001638	149.	149.	149.	2	0	0	0.00	618.54	711.82

CCHV= 0.300 CEHV= 0.500
*SECNO 19433.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 19433.00 EXTENDED 1.94 FEET

3470 ENCROACHMENT STATIONS=		190.0	655.0	TYPE=	1	TARGET=	465.000		
19433.00	10.34	619.44	0.00	0.00	619.73	0.29	0.10	0.02	618.00
1730.	428.	862.	441.	278.	146.	280.	928.	228.	618.00
4.41	1.54	5.90	1.57	0.060	0.027	0.055	0.000	609.10	190.00
0.002600	49.	49.	49.	2	0	0	0.00	461.46	655.00

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.19	3.00	0.00	12.00	0.00	76.00	0.00	609.10	609.10

*SECNO 19677.000

3265 DIVIDED FLOW

3280 CROSS SECTION 19677.00 EXTENDED 2.70 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
645.11	619.73	0.00	1429.	304.	76.	97.	617.20	618.00

19677.00	11.10	620.20	0.00	0.00	620.23	0.04	0.51	0.00	618.00
1730.	525.	433.	772.	651.	162.	792.	934.	232.	618.00
4.46	0.81	2.67	0.97	0.060	0.027	0.055	0.000	609.10	0.00
0.000481	244.	244.	244.	2	0	6	0.00	796.50	800.00

CCHV= 0.100 CEHV= 0.300

*SECNO 19776.000

UPSTREAM OF MARVIN RD.

19776.00	10.05	620.15	0.00	0.00	620.33	0.17	0.05	0.04	617.60
1730.	527.	918.	285.	681.	202.	360.	938.	233.	617.50
4.47	0.77	4.54	0.79	0.070	0.027	0.075	0.000	610.10	64.04
0.000613	99.	99.	99.	2	0	0	0.00	751.48	815.52

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 19876.000

3470 ENCROACHMENT STATIONS= 150.0 800.0 TYPE= 1 TARGET= 650.000
DOWNSTREAM OF FELLRATH RD.

19876.00	9.39	620.09	0.00	0.00	620.46	0.37	0.08	0.06	617.40
1730.	447.	1141.	142.	487.	191.	220.	940.	235.	616.50
4.48	0.92	5.98	0.64	0.070	0.027	0.070	0.000	610.70	166.82
0.001007	100.	100.	100.	2	0	0	0.00	633.18	800.00

CCHV= 0.300 CEHV= 0.500

*SECNO 19925.000

3280 CROSS SECTION 19925.00 EXTENDED 0.02 FEET

19925.00	10.02	620.52	0.00	0.00	620.58	0.05	0.02	0.10	614.00
1730.	836.	666.	228.	1185.	233.	351.	941.	236.	615.00
4.49	0.71	2.85	0.65	0.070	0.027	0.070	0.000	610.50	0.00
0.000180	49.	49.	49.	2	0	0	0.00	550.08	550.08

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.27	2.63	0.00	12.00	0.00	75.00	0.00	610.50	610.50

*SECNO 20033.000

3280 CROSS SECTION 20033.00 EXTENDED 0.23 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
639.28	620.58	0.00	1518.	202.	75.	96.	615.50	618.80

20033.00	10.23	620.73	0.00	0.00	620.78	0.05	0.20	0.00	614.00
1730.	852.	646.	233.	1268.	239.	377.	946.	237.	615.00
4.51	0.67	2.70	0.62	0.070	0.027	0.070	0.000	610.50	0.00
0.000155	108.	108.	108.	2	0	6	0.00	554.29	554.29

CCHV= 0.100 CEHV= 0.300

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 20082.000

3470 ENCROACHMENT STATIONS= 80.0 785.0 TYPE= 1 TARGET= 705.000

UPSTREAM OF FELLRATH RD.

20082.00	9.88	620.58	0.00	0.00	620.87	0.29	0.01	0.07	617.40
1730.	482.	1073.	176.	486.	197.	251.	948.	238.	616.50
4.51	0.99	5.44	0.70	0.070	0.027	0.070	0.000	610.70	236.82
0.000827	49.	49.	49.	2	0	0	0.00	533.14	769.96

*SECNO 20232.000

3470 ENCROACHMENT STATIONS= 100.0 710.0 TYPE= 1 TARGET= 610.000

DOWNSTREAM OF HAROLD RD.

20232.00	9.35	620.65	0.00	0.00	621.07	0.42	0.16	0.04	618.20
1730.	374.	1181.	175.	338.	189.	197.	950.	239.	619.00
4.52	1.11	6.25	0.89	0.070	0.027	0.070	0.000	611.30	226.82
0.001484	150.	150.	150.	0	0	0	0.00	483.18	710.00

CCHV= 0.300 CEHV= 0.500

*SECNO 20281.000

3280 CROSS SECTION 20281.00 EXTENDED 1.17 FEET

20281.00	10.06	621.16	0.00	0.00	621.21	0.05	0.02	0.11	614.00
1730.	1022.	350.	358.	1125.	105.	372.	952.	240.	614.00
4.53	0.91	3.35	0.96	0.055	0.027	0.055	0.000	611.10	0.00
0.000251	49.	49.	49.	2	0	0	0.00	554.86	554.86

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.30	2.63	0.00	11.00	0.00	62.00	0.00	612.00	612.00

*SECNO 20385.000

3280 CROSS SECTION 20385.00 EXTENDED 1.26 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
648.97	622.11	0.00	1611.	121.	62.	79.		619.20	619.40
20385.00	10.16	621.26	0.00	0.00	621.30	0.04	0.09	0.00	614.00
1730.	1030.	341.	359.	1161.	106.	384.	956.	241.	614.00
4.55	0.89	3.23	0.93	0.055	0.027	0.055	0.000	611.10	0.00
0.000231	104.	104.	104.	2	0	10	0.00	557.08	557.08

CCHV= 0.100 CEHV= 0.300
*SECNO 20434.000
UPSTREAM OF HAROLD RD.

20434.00	9.88	621.18	0.00	0.00	621.36	0.18	0.02	0.04	618.20
1730.	503.	929.	297.	463.	206.	315.	957.	242.	619.00
4.56	1.09	4.50	0.94	0.055	0.027	0.055	0.000	611.30	183.68
0.000684	49.	49.	49.	2	0	0	0.00	575.30	758.98

CCHV= 0.100 CEHV= 0.300
*SECNO 21554.000
3280 CROSS SECTION 21554.00 EXTENDED 1.04 FEET
DOWNSTREAM OF LANGE RD.

21554.00	8.25	622.05	0.00	0.00	622.11	0.06	0.74	0.01	619.50
1730.	265.	543.	922.	363.	162.	974.	939.	259.	619.70
4.74	0.73	3.36	0.95	0.070	0.035	0.070	0.000	613.80	230.41
0.000642	1120.	1120.	1120.	2	0	0	0.00	769.59	1000.00

CCHV= 0.300 CEHV= 0.500
*SECNO 21653.000
3280 CROSS SECTION 21653.00 EXTENDED 1.33 FEET

21653.00	10.73	622.13	0.00	0.00	622.14	0.01	0.02	0.02	616.00
1730.	637.	327.	765.	1253.	240.	1531.	994.	261.	616.00
4.78	0.51	1.37	0.50	0.060	0.035	0.060	0.000	611.40	0.00
0.000074	99.	99.	99.	2	0	0	0.00	1000.00	1000.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.68	2.63	0.00	12.00	0.00	82.00	0.00	611.40	611.40

*SECNO 21670.000
3280 CROSS SECTION 21670.00 EXTENDED 1.40 FEET

FRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
633.74	622.14	0.00	1587.	130.	82.	100.	619.70	620.80

21670.00	10.79	622.19	0.00	0.00	622.20	0.01	0.06	0.00	616.00
1730.	639.	323.	768.	1279.	242.	1568.	995.	262.	616.00
4.79	0.50	1.34	0.49	0.060	0.035	0.060	0.000	611.40	0.00
0.000070	17.	17.	17.	0	0	7	0.00	1000.00	1000.00

CCHV= 0.300 CEHV= 0.700
*SECNO 21719.000
3280 CROSS SECTION 21719.00 EXTENDED 1.69 FEET

UPSTREAM OF LANGE RD.

21719.00	8.89	622.19	0.00	0.00	622.21	0.02	0.01	0.01	619.00
1730.	400.	373.	957.	719.	179.	1282.	998.	263.	619.20
4.80	0.56	2.09	0.75	0.060	0.035	0.060	0.000	613.30	30.62
0.000218	49.	49.	49.	0	0	0	0.00	969.38	1000.00

CCHV= 0.100 CEHV= 0.300
*SECNO 22670.000
3280 CROSS SECTION 22670.00 EXTENDED 0.15 FEET

22670.00	7.34	622.54	0.00	0.00	622.79	0.25	0.51	0.07	620.90
1730.	146.	791.	793.	150.	138.	551.	1033.	282.	621.10
4.89	0.97	5.71	1.44	0.070	0.035	0.070	0.000	615.20	269.77
0.002287	1000.	1000.	1000.	2	5	0	0.00	730.23	1000.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 24069.000

3265 DIVIDED FLOW

3280 CROSS SECTION 24069.00 EXTENDED 1.71 FEET

DOWNSTREAM OF INKSTER RD.

24069.00	7.72	624.82	0.00	0.00	624.95	0.13	2.15	0.01	622.50
1730.	180.	744.	806.	253.	172.	722.	1064.	307.	623.10
5.04	0.71	4.32	1.12	0.070	0.035	0.070	0.000	617.10	95.32
0.001171	1350.	1350.	1350.	3	0	0	0.00	856.67	1000.00

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THIS RUN EXECUTED 25 OCT 84 14:09:24

****
HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR FREQU

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	598.00	0.00	598.13	99.44	16.14	633.01	10.84	0.00	0.00	600.00	640.00	0.00
0.000	598.50	0.00	598.73	116.90	42.10	928.70	24.20	0.00	0.00	600.00	640.00	0.00
0.000	598.60	0.00	598.91	120.40	54.60	1094.73	30.67	0.00	0.00	600.00	640.00	0.00
0.000	598.80	0.00	599.40	127.38	94.32	1584.86	50.82	0.00	0.00	600.00	640.00	0.00
49.000	598.02	0.00	598.16	39.91	0.00	660.00	0.00	220.00	385.00	400.00	441.00	605.00
49.000	598.52	0.00	598.78	204.87	0.00	977.61	17.39	220.00	385.00	400.00	441.00	605.00
49.000	598.63	0.00	598.98	220.00	0.01	1147.97	32.02	220.00	385.00	400.00	441.00	605.00
49.000	598.88	0.00	599.51	220.00	1.28	1639.59	89.13	220.00	385.00	400.00	441.00	605.00
145.000	599.64	0.00	599.70	165.00	15.08	608.81	36.10	165.00	335.00	400.00	441.00	500.00
145.000	600.79	0.00	600.87	165.00	58.73	833.42	97.85	165.00	335.00	400.00	441.00	500.00
145.000	601.30	0.00	601.39	165.00	86.61	958.66	134.73	165.00	335.00	400.00	441.00	500.00
145.000	602.66	0.00	602.79	165.00	181.49	1294.00	254.52	165.00	335.00	400.00	441.00	500.00
194.000	599.65	0.00	599.71	157.02	49.11	592.50	18.39	0.00	0.00	600.00	640.00	0.00
194.000	600.80	0.00	600.88	215.30	130.96	823.52	40.52	0.00	0.00	600.00	640.00	0.00
194.000	601.31	0.00	601.40	244.54	187.33	938.34	54.33	0.00	0.00	600.00	640.00	0.00
194.000	602.69	0.00	602.80	358.38	404.50	1224.10	101.40	0.00	0.00	600.00	640.00	0.00
994.000	599.77	0.00	599.79	455.00	143.03	268.30	248.67	455.00	322.00	500.00	522.00	777.00
994.000	600.94	0.00	600.96	455.00	254.23	322.74	418.03	455.00	322.00	500.00	522.00	777.00
994.000	601.47	0.00	601.48	455.00	315.42	353.92	510.66	455.00	322.00	500.00	522.00	777.00
994.000	602.36	0.00	602.38	455.00	500.48	441.12	788.40	455.00	322.00	500.00	522.00	777.00
1043.000	599.77	0.00	599.79	430.00	206.49	397.22	56.29	430.00	168.00	500.00	538.00	598.00
1043.000	600.95	0.00	600.96	430.00	413.31	483.09	98.60	430.00	168.00	500.00	538.00	598.00
1043.000	601.47	0.00	601.49	430.00	528.82	529.83	121.35	430.00	168.00	500.00	538.00	598.00
1043.000	602.86	0.00	602.88	430.00	883.00	658.26	188.75	430.00	168.00	500.00	538.00	598.00
1062.000	599.79	0.00	599.81	420.00	208.68	397.43	53.89	420.00	174.00	500.00	538.00	594.00
1062.000	600.97	0.00	600.98	420.00	415.70	485.14	94.16	420.00	174.00	500.00	538.00	594.00
1062.000	601.50	0.00	601.51	420.00	531.42	532.70	115.89	420.00	174.00	500.00	538.00	594.00
1062.000	602.90	0.00	602.92	420.00	886.21	663.34	180.45	420.00	174.00	500.00	538.00	594.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1111.000	599.80	0.00	599.81	395.00	156.99	228.46	274.55	395.00	353.00	500.00	522.00	748.00
1111.000	600.98	0.00	600.99	395.00	266.94	277.21	450.85	395.00	353.00	500.00	522.00	748.00
1111.000	601.50	0.00	601.52	395.00	327.39	304.99	547.62	395.00	353.00	500.00	522.00	748.00
1111.000	602.91	0.00	602.92	395.00	509.26	383.16	837.58	395.00	353.00	500.00	522.00	748.00
1112.000	599.80	0.00	599.81	395.00	164.02	246.77	249.21	395.00	353.00	500.00	527.00	748.00
1112.000	600.98	0.00	600.99	395.00	276.81	297.61	420.58	395.00	353.00	500.00	527.00	748.00
1112.000	601.50	0.00	601.52	395.00	338.38	327.49	514.14	395.00	353.00	500.00	527.00	748.00
1112.000	602.91	0.00	602.92	395.00	522.58	413.03	794.39	395.00	353.00	500.00	527.00	748.00
1160.000	599.80	0.00	599.82	360.20	109.38	433.93	116.69	370.00	200.00	400.00	440.00	570.00
1160.000	600.97	0.00	601.00	370.00	238.40	538.70	217.90	370.00	200.00	400.00	440.00	570.00
1160.000	601.50	0.00	601.53	370.00	312.76	594.36	272.88	370.00	200.00	400.00	440.00	570.00
1160.000	602.90	0.00	602.93	370.00	544.19	748.01	437.80	370.00	200.00	400.00	440.00	570.00
1173.000	599.82	0.00	599.85	361.17	110.24	432.44	117.32	370.00	200.00	400.00	440.00	570.00
1173.000	601.00	0.00	601.02	370.00	239.51	537.04	218.45	370.00	200.00	400.00	440.00	570.00
1173.000	601.53	0.00	601.55	370.00	313.84	592.78	273.38	370.00	200.00	400.00	440.00	570.00
1173.000	602.93	0.00	602.96	370.00	545.32	746.41	438.27	370.00	200.00	400.00	440.00	570.00
1222.000	599.84	0.00	599.85	470.00	166.36	242.54	251.09	470.00	315.00	500.00	527.00	785.00
1222.000	601.02	0.00	601.03	470.00	287.30	282.96	424.73	470.00	315.00	500.00	527.00	785.00
1222.000	601.55	0.00	601.56	470.00	353.14	307.94	518.93	470.00	315.00	500.00	527.00	785.00
1222.000	602.95	0.00	602.96	470.00	550.21	379.78	800.01	470.00	315.00	500.00	527.00	785.00
1282.000	599.85	0.00	599.86	440.00	309.13	213.39	137.48	440.00	205.00	500.00	516.00	645.00
1282.000	601.02	0.00	601.04	440.00	522.87	241.08	231.05	440.00	205.00	500.00	516.00	645.00
1282.000	601.55	0.00	601.56	440.00	639.68	258.36	281.96	440.00	205.00	500.00	516.00	645.00
1282.000	602.96	0.00	602.97	440.00	989.57	306.76	433.67	440.00	205.00	500.00	516.00	645.00
1331.000	599.84	0.00	599.87	414.00	178.43	387.78	93.79	414.00	227.00	400.00	427.00	641.00
1331.000	601.02	0.00	601.05	414.00	309.13	468.96	216.92	414.00	227.00	400.00	427.00	641.00
1331.000	601.55	0.00	601.57	414.00	379.68	512.92	287.40	414.00	227.00	400.00	427.00	641.00
1331.000	602.95	0.00	602.98	414.00	589.27	632.65	508.08	414.00	227.00	400.00	427.00	641.00
1373.000	599.85	0.00	599.88	393.00	172.44	393.74	93.83	393.00	238.00	400.00	427.00	631.00
1373.000	601.03	0.00	601.06	393.00	299.56	479.24	216.21	393.00	238.00	400.00	427.00	631.00
1373.000	601.56	0.00	601.59	393.00	368.33	525.35	286.33	393.00	238.00	400.00	427.00	631.00
1373.000	602.97	0.00	603.00	393.00	572.92	651.00	506.08	393.00	238.00	400.00	427.00	631.00
1422.000	599.86	0.00	599.88	368.00	282.79	259.53	117.68	368.00	241.00	500.00	516.00	609.00
1422.000	601.04	0.00	601.06	368.00	490.31	308.67	196.02	368.00	241.00	500.00	516.00	609.00
1422.000	601.57	0.00	601.59	368.00	604.89	336.34	238.77	368.00	241.00	500.00	516.00	609.00
1422.000	602.99	0.00	603.01	368.00	951.22	412.36	366.42	368.00	241.00	500.00	516.00	609.00
2022.000	599.88	0.00	600.01	69.99	1.36	657.67	0.97	87.00	470.00	500.00	541.00	557.00
2022.000	601.02	0.00	601.21	87.00	17.38	966.34	11.28	87.00	470.00	500.00	541.00	557.00
2022.000	601.53	0.00	601.75	87.00	31.69	1129.14	19.17	87.00	470.00	500.00	541.00	557.00
2022.000	602.89	0.00	603.19	87.00	85.22	1597.65	47.13	87.00	470.00	500.00	541.00	557.00

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	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
	2071.000	599.99	0.00	600.04	56.70	0.00	660.00	0.00	0.00	0.00	500.00	573.00	0.00
	2071.000	601.16	0.00	601.25	60.79	0.00	995.00	0.00	0.00	0.00	500.00	573.00	0.00
	2071.000	601.69	0.00	601.80	62.62	0.00	1180.00	0.00	0.00	0.00	500.00	573.00	0.00
	2071.000	603.09	0.00	603.25	67.48	0.00	1730.00	0.00	0.00	0.00	500.00	573.00	0.00
	2133.000	600.22	0.00	600.27	57.52	0.00	660.00	0.00	0.00	0.00	500.00	573.00	0.00
	2133.000	601.74	0.00	601.82	62.80	0.00	995.00	0.00	0.00	0.00	500.00	573.00	0.00
	2133.000	602.52	0.00	602.61	65.53	0.00	1180.00	0.00	0.00	0.00	500.00	573.00	0.00
	2133.000	604.97	0.00	605.07	72.05	0.00	1730.00	0.00	0.00	0.00	500.00	573.00	0.00
	2282.000	600.20	0.00	600.32	82.01	3.11	654.68	2.22	206.00	354.00	500.00	541.00	560.00
	2282.000	601.72	0.00	601.86	136.62	33.00	942.15	19.85	206.00	354.00	500.00	541.00	560.00
	2282.000	602.51	0.00	602.66	206.00	79.22	1068.61	32.17	206.00	354.00	500.00	541.00	560.00
	2282.000	604.98	0.00	605.10	206.00	337.43	1324.26	68.31	206.00	354.00	500.00	541.00	560.00
	2562.000	600.23	0.00	600.48	34.20	0.00	660.00	0.00	66.00	288.00	300.00	342.00	354.00
	2562.000	601.72	0.00	602.03	51.66	0.00	994.42	0.58	66.00	288.00	300.00	342.00	354.00
	2562.000	602.49	0.00	602.82	53.50	0.00	1173.38	6.62	66.00	288.00	300.00	342.00	354.00
	2562.000	604.90	0.00	605.23	66.00	20.10	1671.96	37.94	66.00	288.00	300.00	342.00	354.00
	2611.000	600.40	0.00	600.51	37.78	0.00	660.00	0.00	42.00	300.00	300.00	342.00	342.00
	2611.000	601.90	0.00	602.07	40.54	0.00	995.00	0.00	42.00	300.00	300.00	342.00	342.00
	2611.000	602.67	0.00	602.86	41.94	0.00	1180.00	0.00	42.00	300.00	300.00	342.00	342.00
	2611.000	605.01	0.00	605.26	42.00	0.00	1730.00	0.00	42.00	300.00	300.00	342.00	342.00
	2613.000	600.28	0.00	600.63	37.57	0.00	660.00	0.00	0.00	0.00	300.00	342.00	0.00
	2613.000	601.59	0.00	602.40	39.96	0.00	995.00	0.00	0.00	0.00	300.00	342.00	0.00
*	2613.000	602.45	0.00	603.09	41.54	0.00	1180.00	0.00	0.00	0.00	300.00	342.00	0.00
*	2613.000	605.31	0.00	605.33	800.00	571.12	544.64	614.24	0.00	0.00	300.00	342.00	0.00
	2649.000	600.37	0.00	600.73	37.74	0.00	660.00	0.00	42.00	300.00	300.00	342.00	342.00
	2649.000	601.81	0.00	602.61	40.36	0.00	995.00	0.00	42.00	300.00	300.00	342.00	342.00
*	2649.000	602.65	0.00	603.26	41.92	0.00	1180.00	0.00	42.00	300.00	300.00	342.00	342.00
*	2649.000	605.07	0.00	605.63	42.00	0.00	1730.00	0.00	42.00	300.00	300.00	342.00	342.00
	2651.000	600.65	0.00	600.76	35.25	0.00	660.00	0.00	42.00	300.00	300.00	342.00	342.00
	2651.000	602.54	0.00	602.68	41.71	0.00	995.00	0.00	42.00	300.00	300.00	342.00	342.00
	2651.000	603.13	0.00	603.31	42.00	0.00	1180.00	0.00	42.00	300.00	300.00	342.00	342.00
	2651.000	605.43	0.00	605.66	42.00	0.00	1730.00	0.00	42.00	300.00	300.00	342.00	342.00
	2700.000	600.60	0.00	600.80	36.18	0.00	660.00	0.00	70.00	286.00	300.00	342.00	356.00
	2700.000	602.50	0.00	602.73	70.00	0.22	988.41	6.37	70.00	286.00	300.00	342.00	356.00
	2700.000	603.09	0.00	603.36	70.00	3.89	1162.30	13.81	70.00	286.00	300.00	342.00	356.00
	2700.000	605.41	0.00	605.69	70.00	33.45	1647.41	49.14	70.00	286.00	300.00	342.00	356.00
	3800.000	601.07	0.00	601.15	70.00	29.93	621.57	8.50	70.00	480.00	500.00	542.00	550.00
	3800.000	602.93	0.00	603.03	70.00	62.11	914.45	18.44	70.00	480.00	500.00	542.00	550.00
	3800.000	603.55	0.00	603.68	70.00	78.28	1078.45	23.28	70.00	480.00	500.00	542.00	550.00
	3800.000	605.81	0.00	605.98	70.00	130.76	1560.78	38.46	70.00	480.00	500.00	542.00	550.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3849.000	601.07	0.00	601.16	46.00	0.00	660.00	0.00	0.00	0.00	500.00	546.00	0.00
3849.000	602.92	0.00	603.05	46.00	0.00	995.00	0.00	0.00	0.00	500.00	546.00	0.00
3849.000	603.55	0.00	603.70	46.00	0.00	1180.00	0.00	0.00	0.00	500.00	546.00	0.00
3849.000	605.80	0.00	606.00	46.00	0.00	1730.00	0.00	0.00	0.00	500.00	546.00	0.00
3851.000	601.00	0.00	601.23	46.00	0.00	660.00	0.00	0.00	0.00	500.00	546.00	0.00
3851.000	602.79	0.00	603.19	46.00	0.00	995.00	0.00	0.00	0.00	500.00	546.00	0.00
3851.000	603.34	0.00	603.90	46.00	0.00	1180.00	0.00	0.00	0.00	500.00	546.00	0.00
3851.000	605.29	0.00	606.51	46.00	0.00	1730.00	0.00	0.00	0.00	500.00	546.00	0.00
3893.000	601.01	0.00	601.25	46.00	0.00	660.00	0.00	0.00	0.00	500.00	546.00	0.00
3893.000	602.82	0.00	603.22	46.00	0.00	995.00	0.00	0.00	0.00	500.00	546.00	0.00
3893.000	603.39	0.00	603.95	46.00	0.00	1180.00	0.00	0.00	0.00	500.00	546.00	0.00
3893.000	605.39	0.00	606.61	46.00	0.00	1730.00	0.00	0.00	0.00	500.00	546.00	0.00
3895.000	601.17	0.00	601.26	46.00	0.00	660.00	0.00	0.00	0.00	500.00	546.00	0.00
3895.000	603.13	0.00	603.25	46.00	0.00	995.00	0.00	0.00	0.00	500.00	546.00	0.00
3895.000	603.85	0.00	604.00	46.00	0.00	1180.00	0.00	0.00	0.00	500.00	546.00	0.00
3895.000	606.54	0.00	606.71	200.33	2.35	1726.41	1.24	0.00	0.00	500.00	546.00	0.00
3929.000	601.17	0.00	601.26	65.00	10.46	642.25	7.29	65.00	488.00	500.00	542.00	553.00
3929.000	603.14	0.00	603.25	65.00	20.93	957.83	16.24	65.00	488.00	500.00	542.00	553.00
3929.000	603.86	0.00	604.00	65.00	26.21	1133.07	20.72	65.00	488.00	500.00	542.00	553.00
3929.000	606.55	0.00	606.72	65.00	42.61	1652.34	35.05	65.00	488.00	500.00	542.00	553.00
3978.000	601.15	0.00	601.30	39.00	0.00	660.00	0.00	0.00	0.00	400.00	439.00	0.00
3978.000	603.11	0.00	603.29	39.00	0.00	995.00	0.00	0.00	0.00	400.00	439.00	0.00
3978.000	603.83	0.00	604.05	39.00	0.00	1150.00	0.00	0.00	0.00	400.00	439.00	0.00
3978.000	606.51	0.00	606.77	39.00	0.00	1730.00	0.00	0.00	0.00	400.00	439.00	0.00
4200.000	601.16	0.00	601.31	39.00	0.00	660.00	0.00	0.00	0.00	400.00	439.00	0.00
4200.000	604.24	0.00	604.38	39.00	0.00	995.00	0.00	0.00	0.00	400.00	439.00	0.00
4200.000	605.47	0.00	605.62	39.00	0.00	1180.00	0.00	0.00	0.00	400.00	439.00	0.00
4200.000	610.24	0.00	610.36	240.88	0.00	1650.64	79.36	0.00	0.00	400.00	439.00	0.00
4249.000	601.28	0.00	601.33	137.00	62.06	544.79	53.15	137.00	450.00	500.00	542.00	587.00
4249.000	604.36	0.00	604.40	137.00	143.69	726.06	125.25	137.00	450.00	500.00	542.00	587.00
4249.000	605.60	0.00	605.64	137.00	183.12	836.95	159.93	137.00	450.00	500.00	542.00	587.00
4249.000	610.34	0.00	610.37	137.00	305.75	1156.75	267.50	137.00	450.00	500.00	542.00	587.00
4749.000	601.31	0.00	601.47	259.58	31.56	620.39	8.05	505.00	170.00	500.00	540.00	675.00
4749.000	604.41	0.00	604.43	505.00	407.38	523.85	63.77	505.00	170.00	500.00	540.00	675.00
4749.000	605.65	0.00	605.66	505.00	542.63	524.89	112.48	505.00	170.00	500.00	540.00	675.00
4749.000	610.38	0.00	610.39	505.00	913.87	544.64	271.49	505.00	170.00	500.00	540.00	675.00
4798.000	601.48	0.00	601.52	40.34	0.00	660.00	0.00	480.00	185.00	400.00	444.00	665.00
4798.000	604.41	0.00	604.44	480.00	142.73	754.95	97.32	480.00	185.00	400.00	444.00	665.00
4798.000	605.65	0.00	605.67	480.00	290.59	649.64	239.77	480.00	185.00	400.00	444.00	665.00
4798.000	610.38	0.00	610.39	480.00	654.22	458.08	617.70	480.00	185.00	400.00	444.00	665.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4855.000	601.95	0.00	601.99	41.31	0.00	660.00	0.00	450.00	200.00	400.00	444.00	650.00
4855.000	604.43	0.00	604.46	450.00	142.49	764.63	87.88	450.00	200.00	400.00	444.00	650.00
4855.000	605.68	0.00	605.69	450.00	287.58	666.04	226.37	450.00	200.00	400.00	444.00	650.00
4855.000	610.42	0.00	610.42	450.00	644.58	482.57	602.85	450.00	200.00	400.00	444.00	650.00
4904.000	601.93	0.00	602.02	359.34	84.08	561.75	14.17	425.00	215.00	500.00	540.00	640.00
4904.000	604.44	0.00	604.47	425.00	383.35	547.98	63.67	425.00	215.00	500.00	540.00	640.00
4904.000	605.68	0.00	605.70	425.00	514.48	560.30	105.22	425.00	215.00	500.00	540.00	640.00
4904.000	610.41	0.00	610.42	425.00	884.12	604.08	241.81	425.00	215.00	500.00	540.00	640.00
5604.000	602.12	0.00	602.37	75.00	32.36	598.20	29.44	75.00	477.00	500.00	528.00	552.00
5604.000	604.42	0.00	604.62	75.00	92.09	811.49	91.42	75.00	477.00	500.00	528.00	552.00
5604.000	605.63	0.00	605.82	75.00	123.75	931.54	124.70	75.00	477.00	500.00	528.00	552.00
5604.000	610.34	0.00	610.48	75.00	217.56	1287.75	224.69	75.00	477.00	500.00	528.00	552.00
5668.000	602.15	0.00	602.40	41.36	0.00	660.00	0.00	0.00	0.00	400.00	442.00	0.00
5668.000	604.42	0.00	604.65	42.00	0.00	995.00	0.00	0.00	0.00	400.00	442.00	0.00
5668.000	605.63	0.00	605.85	42.00	0.00	1180.00	0.00	0.00	0.00	400.00	442.00	0.00
5668.000	610.34	0.00	610.50	524.53	7.23	1677.38	45.39	0.00	0.00	400.00	442.00	0.00
5684.000	602.18	0.00	602.42	41.41	0.00	660.00	0.00	0.00	0.00	400.00	442.00	0.00
5684.000	604.44	0.00	604.67	42.00	0.00	995.00	0.00	0.00	0.00	400.00	442.00	0.00
5684.000	605.64	0.00	605.86	42.00	0.00	1180.00	0.00	0.00	0.00	400.00	442.00	0.00
5684.000	610.49	0.00	610.64	558.51	12.81	1663.34	53.84	0.00	0.00	400.00	442.00	0.00
5733.000	602.22	0.00	602.44	142.00	47.34	581.41	31.25	142.00	440.00	500.00	528.00	582.00
5733.000	604.54	0.00	604.68	142.00	140.96	742.59	111.46	142.00	440.00	500.00	528.00	582.00
5733.000	605.75	0.00	605.88	142.00	191.48	833.59	154.93	142.00	440.00	500.00	528.00	582.00
5733.000	610.57	0.00	610.65	142.00	352.57	1087.76	289.66	142.00	440.00	500.00	528.00	582.00
5833.000	602.20	0.00	602.50	68.74	0.32	659.68	0.00	342.00	340.00	500.00	539.00	682.00
5833.000	604.57	0.00	604.76	342.00	127.64	773.85	93.51	342.00	340.00	500.00	539.00	682.00
5833.000	605.81	0.00	605.89	342.00	213.21	797.24	169.55	342.00	340.00	500.00	539.00	682.00
5833.000	610.63	0.00	610.66	342.00	457.33	883.02	389.64	342.00	340.00	500.00	539.00	682.00
5882.000	602.50	0.00	602.58	130.26	0.00	652.26	7.74	422.00	100.00	300.00	366.00	522.00
5882.000	604.69	0.00	604.73	422.00	107.55	760.23	127.23	422.00	100.00	300.00	366.00	522.00
5882.000	605.89	0.00	605.91	422.00	204.17	772.83	203.00	422.00	100.00	300.00	366.00	522.00
5882.000	610.66	0.00	610.67	422.00	492.73	818.57	418.70	422.00	100.00	300.00	366.00	522.00
5984.000	603.29	0.00	603.31	498.51	4.92	412.20	242.88	615.00	35.00	300.00	366.00	650.00
5984.000	604.76	0.00	604.78	615.00	88.34	509.16	397.51	615.00	35.00	300.00	366.00	650.00
5984.000	605.96	0.00	605.97	615.00	174.74	526.06	479.20	615.00	35.00	300.00	366.00	650.00
5984.000	610.73	0.00	610.73	615.00	448.73	573.25	708.02	615.00	35.00	300.00	366.00	650.00
6033.000	603.21	0.00	603.35	485.91	50.87	589.20	19.93	590.00	150.00	500.00	539.00	740.00
6033.000	604.75	0.00	604.79	590.00	297.80	523.90	173.30	590.00	150.00	500.00	539.00	740.00
6033.000	605.95	0.00	605.97	590.00	450.46	463.04	261.50	590.00	150.00	500.00	539.00	740.00
6033.000	610.73	0.00	610.73	590.00	835.78	415.15	479.07	590.00	150.00	500.00	539.00	740.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
6533.000	603.44	0.00	603.48	340.00	111.68	374.42	173.89	340.00	355.00	500.00	529.00	695.00
6533.000	604.82	0.00	604.85	340.00	238.24	429.62	327.14	340.00	355.00	500.00	529.00	695.00
6533.000	605.98	0.00	606.00	340.00	321.39	437.53	421.07	340.00	355.00	500.00	529.00	695.00
6533.000	610.73	0.00	610.74	340.00	568.19	468.38	693.43	340.00	355.00	500.00	529.00	695.00
6582.000	603.31	0.00	603.63	125.75	2.30	654.88	2.82	315.00	140.00	300.00	333.00	455.00
6582.000	604.74	0.00	604.95	315.00	122.42	787.18	85.41	315.00	140.00	300.00	333.00	455.00
6582.000	605.95	0.00	606.05	315.00	266.94	717.04	196.02	315.00	140.00	300.00	333.00	455.00
6582.000	610.73	0.00	610.75	315.00	629.87	629.60	470.53	315.00	140.00	300.00	333.00	455.00
6690.000	603.31	0.00	603.63	78.09	2.30	657.66	0.04	260.00	170.00	300.00	333.00	430.00
6690.000	604.66	0.00	604.95	260.00	85.84	863.75	45.41	260.00	170.00	300.00	333.00	430.00
6690.000	605.91	0.00	606.05	260.00	221.77	811.80	146.43	260.00	170.00	300.00	333.00	430.00
6690.000	610.75	0.00	610.78	260.00	580.56	735.05	414.38	260.00	170.00	300.00	333.00	430.00
6739.000	603.63	0.00	603.67	236.00	101.99	404.35	153.66	236.00	407.00	500.00	529.00	643.00
6739.000	604.94	0.00	604.99	235.00	204.31	504.59	286.10	236.00	407.00	500.00	529.00	643.00
6739.000	606.03	0.00	606.06	236.00	272.56	536.67	370.77	236.00	407.00	500.00	529.00	643.00
6739.000	610.76	0.00	610.78	236.00	485.27	614.65	630.08	236.00	407.00	500.00	529.00	643.00
7439.000	603.47	0.00	603.90	29.21	0.00	660.00	0.00	80.00	480.00	500.00	534.00	560.00
7439.000	604.69	0.00	605.23	58.71	0.00	977.02	17.98	80.00	480.00	500.00	534.00	560.00
7439.000	605.81	0.00	606.26	80.00	3.27	1114.03	62.70	80.00	480.00	500.00	534.00	560.00
7439.000	610.66	0.00	610.85	80.00	108.25	1405.47	216.28	80.00	480.00	500.00	534.00	560.00
7488.000	603.92	0.00	604.02	47.17	0.00	660.00	0.00	0.00	0.00	200.00	256.00	0.00
7488.000	605.23	0.00	605.38	50.28	0.00	995.00	0.00	0.00	0.00	200.00	256.00	0.00
7488.000	606.21	0.00	606.37	52.60	0.00	1180.00	0.00	0.00	0.00	200.00	256.00	0.00
7488.000	610.88	0.00	610.91	600.00	399.60	1038.43	291.97	0.00	0.00	200.00	256.00	0.00
7580.000	604.85	0.00	604.93	49.38	0.00	660.00	0.00	236.00	150.00	200.00	256.00	386.00
7580.000	607.45	0.00	607.53	100.23	1.23	993.77	0.00	236.00	150.00	200.00	256.00	386.00
7580.000	608.65	0.00	608.72	236.00	26.08	1136.11	17.81	236.00	150.00	200.00	256.00	386.00
7580.000	611.78	0.00	611.83	236.00	131.25	1375.08	223.67	236.00	150.00	200.00	256.00	386.00
7629.000	604.76	0.00	604.99	82.15	0.00	646.65	13.35	243.00	402.00	500.00	534.00	645.00
7629.000	607.44	0.00	607.54	243.00	62.78	735.16	197.06	243.00	402.00	500.00	534.00	645.00
7629.000	608.67	0.00	608.73	243.00	139.62	744.31	295.57	243.00	402.00	500.00	534.00	645.00
7629.000	611.80	0.00	611.84	243.00	349.39	839.51	541.10	243.00	402.00	500.00	534.00	645.00
8001.000	605.04	0.00	605.19	36.83	0.00	660.00	0.00	0.00	0.00	500.00	543.00	0.00
8001.000	607.50	0.00	607.65	58.79	6.02	988.98	0.00	0.00	0.00	500.00	543.00	0.00
8001.000	608.67	0.00	608.82	230.13	38.04	1141.49	0.47	0.00	0.00	500.00	543.00	0.00
8001.000	611.82	0.00	611.86	900.00	540.70	998.81	190.49	0.00	0.00	500.00	543.00	0.00
8050.000	605.14	0.00	605.22	47.33	0.00	660.00	0.00	255.00	290.00	400.00	458.00	545.00
8050.000	607.60	0.00	607.69	54.47	0.00	995.00	0.00	255.00	290.00	400.00	458.00	545.00
8050.000	608.76	0.00	608.85	167.49	6.56	1173.44	0.00	255.00	290.00	400.00	458.00	545.00
8050.000	611.81	0.00	611.88	255.00	168.92	1484.14	76.93	255.00	290.00	400.00	458.00	545.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
8163.000	605.79	0.00	605.85	49.20	0.00	660.00	0.00	280.00	280.00	400.00	458.00	560.00
8163.000	608.57	0.00	608.64	177.21	2.25	992.75	0.00	280.00	280.00	400.00	458.00	560.00
8163.000	609.08	0.00	609.16	199.89	17.03	1162.64	0.33	280.00	280.00	400.00	458.00	560.00
8163.000	611.82	0.00	611.88	280.00	180.27	1456.92	92.81	280.00	280.00	400.00	458.00	560.00
8212.000	605.76	0.00	605.88	39.47	0.00	660.00	0.00	255.00	334.00	500.00	543.00	589.00
8212.000	608.55	0.00	608.66	196.94	22.87	972.06	0.07	255.00	334.00	500.00	543.00	589.00
8212.000	609.05	0.00	609.18	255.00	54.69	1121.45	3.86	255.00	334.00	500.00	543.00	589.00
8212.000	611.80	0.00	611.89	255.00	334.31	1325.87	69.83	255.00	334.00	500.00	543.00	589.00
8537.000	605.79	0.00	606.09	31.95	0.00	660.00	0.00	0.00	0.00	400.00	442.00	0.00
8537.000	608.57	0.00	608.79	113.80	16.83	978.17	0.00	0.00	0.00	400.00	442.00	0.00
8537.000	609.07	0.00	609.32	158.58	45.96	1134.03	0.01	0.00	0.00	400.00	442.00	0.00
8537.000	611.86	0.00	611.94	800.00	478.52	1070.80	180.67	0.00	0.00	400.00	442.00	0.00
8586.000	606.08	0.00	606.18	48.32	0.00	660.00	0.00	260.00	188.00	300.00	357.00	448.00
8586.000	608.76	0.00	608.85	126.52	0.72	994.28	0.00	260.00	188.00	300.00	357.00	448.00
8586.000	609.28	0.00	609.38	260.00	11.97	1166.18	1.85	260.00	188.00	300.00	357.00	448.00
8586.000	611.87	0.00	611.95	260.00	164.71	1455.40	109.88	260.00	188.00	300.00	357.00	448.00
8683.000	606.76	0.00	606.83	50.46	0.00	660.00	0.00	300.00	186.00	300.00	357.00	486.00
8683.000	609.45	0.00	609.52	300.00	15.05	975.71	4.24	300.00	186.00	300.00	357.00	486.00
8683.000	609.72	0.00	609.81	300.00	28.32	1138.36	13.32	300.00	186.00	300.00	357.00	486.00
8683.000	611.87	0.00	611.95	300.00	163.11	1420.03	146.86	300.00	186.00	300.00	357.00	486.00
8732.000	606.67	0.00	606.88	35.42	0.00	660.00	0.00	0.00	0.00	400.00	442.00	0.00
8732.000	609.40	0.00	609.55	239.87	58.91	935.61	0.49	0.00	0.00	400.00	442.00	0.00
8732.000	609.66	0.00	609.85	290.33	94.38	1083.56	2.06	0.00	0.00	400.00	442.00	0.00
8732.000	611.88	0.00	611.95	800.00	480.12	1067.41	182.48	0.00	0.00	400.00	442.00	0.00
9057.000	606.92	0.00	606.97	116.90	0.10	631.28	28.62	0.00	0.00	400.00	450.00	0.00
9057.000	609.57	0.00	609.60	387.06	68.29	774.73	151.98	0.00	0.00	400.00	450.00	0.00
9057.000	609.87	0.00	609.91	405.60	95.59	892.10	192.31	0.00	0.00	400.00	450.00	0.00
9057.000	611.95	0.00	611.98	600.00	310.78	1061.69	357.53	0.00	0.00	400.00	450.00	0.00
9106.000	606.93	0.00	606.98	283.47	0.00	574.25	85.75	490.00	110.00	300.00	350.00	600.00
9106.000	609.59	0.00	609.61	475.42	44.66	607.91	342.42	490.00	110.00	300.00	350.00	600.00
9106.000	609.89	0.00	609.92	490.00	65.49	695.20	419.31	490.00	110.00	300.00	350.00	600.00
9106.000	611.97	0.00	611.99	490.00	215.59	826.10	688.40	490.00	110.00	300.00	350.00	600.00
9201.000	606.96	0.00	607.01	259.26	0.00	578.31	81.69	440.00	135.00	300.00	350.00	575.00
9201.000	609.62	0.00	609.64	440.00	47.96	625.98	321.06	440.00	135.00	300.00	350.00	575.00
9201.000	609.93	0.00	609.95	440.00	70.23	716.49	393.27	440.00	135.00	300.00	350.00	575.00
9201.000	612.01	0.00	612.03	440.00	213.99	864.25	651.76	440.00	135.00	300.00	350.00	575.00
9250.000	606.96	0.00	607.02	116.10	0.06	630.56	29.38	415.00	190.00	400.00	450.00	605.00
9250.000	609.61	0.00	609.65	390.14	69.54	771.02	154.44	415.00	190.00	400.00	450.00	605.00
9250.000	609.92	0.00	609.96	410.00	97.60	867.31	195.09	415.00	190.00	400.00	450.00	605.00
9250.000	612.00	0.00	612.04	410.00	287.86	1075.57	366.57	415.00	190.00	400.00	450.00	605.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
9607.000	607.00	0.00	607.08	371.03	10.13	518.49	131.38	735.00	35.00	500.00	538.00	770.00
9607.000	609.65	0.00	609.67	735.00	218.62	433.25	343.13	735.00	35.00	500.00	538.00	770.00
9607.000	609.97	0.00	609.98	735.00	289.30	483.09	407.61	735.00	35.00	500.00	538.00	770.00
9607.000	612.04	0.00	612.05	735.00	620.29	525.03	584.68	735.00	35.00	500.00	538.00	770.00
9676.000	607.08	0.00	607.11	507.73	39.37	491.70	128.93	0.00	0.00	400.00	449.00	0.00
9676.000	609.66	0.00	609.67	700.00	229.44	464.87	300.69	0.00	0.00	400.00	449.00	0.00
9676.000	609.98	0.00	609.99	700.00	291.69	527.25	361.06	0.00	0.00	400.00	449.00	0.00
9676.000	612.05	0.00	612.06	700.00	562.55	616.65	550.80	0.00	0.00	400.00	449.00	0.00
9676.000	607.10	0.00	607.13	510.14	40.44	489.27	130.29	0.00	0.00	400.00	449.00	0.00
9676.000	609.69	0.00	609.70	700.00	232.00	461.69	301.30	0.00	0.00	400.00	449.00	0.00
9676.000	610.01	0.00	610.02	700.00	294.49	523.86	361.65	0.00	0.00	400.00	449.00	0.00
9676.000	612.09	0.00	612.10	700.00	565.27	613.64	551.10	0.00	0.00	400.00	449.00	0.00
9823.000	607.08	0.00	607.15	409.85	11.62	501.15	147.23	0.00	0.00	500.00	538.00	0.00
9823.000	609.69	0.00	609.71	777.28	214.21	412.37	368.42	0.00	0.00	500.00	538.00	0.00
9823.000	610.01	0.00	610.03	800.00	282.17	460.24	437.59	0.00	0.00	500.00	538.00	0.00
9823.000	612.10	0.00	612.10	800.00	609.53	496.61	623.86	0.00	0.00	500.00	538.00	0.00
10293.000	607.21	0.00	607.30	299.79	0.00	530.73	129.27	0.00	0.00	500.00	543.00	0.00
10293.000	609.71	0.00	609.73	635.46	150.75	466.25	378.00	0.00	0.00	500.00	543.00	0.00
10293.000	610.04	0.00	610.06	651.54	204.65	522.59	452.75	0.00	0.00	500.00	543.00	0.00
10293.000	612.11	0.00	612.12	755.32	489.94	575.95	664.11	0.00	0.00	500.00	543.00	0.00
10342.000	607.28	0.00	607.32	495.37	0.00	500.01	159.99	0.00	0.00	400.00	445.00	0.00
10342.000	609.72	0.00	609.74	545.87	1.65	469.56	523.79	0.00	0.00	400.00	445.00	0.00
10342.000	610.05	0.00	610.06	639.89	5.06	533.50	641.44	0.00	0.00	400.00	445.00	0.00
10342.000	612.11	0.00	612.12	855.49	110.16	606.29	1013.55	0.00	0.00	400.00	445.00	0.00
10400.000	607.28	0.00	607.33	496.31	0.00	499.25	160.75	0.00	0.00	400.00	445.00	0.00
10400.000	609.76	0.00	609.77	548.31	1.86	466.50	526.63	0.00	0.00	400.00	445.00	0.00
10400.000	610.09	0.00	610.10	648.77	5.85	529.77	644.38	0.00	0.00	400.00	445.00	0.00
10400.000	612.15	0.00	612.16	858.19	113.59	602.65	1013.75	0.00	0.00	400.00	445.00	0.00
10449.000	607.26	0.00	607.35	284.91	0.00	531.35	128.65	625.00	160.00	500.00	543.00	785.00
10449.000	609.76	0.00	609.78	623.09	158.09	472.74	364.17	625.00	160.00	500.00	543.00	785.00
10449.000	610.08	0.00	610.10	625.00	214.23	529.83	435.94	625.00	160.00	500.00	543.00	785.00
10449.000	612.15	0.00	612.17	625.00	488.69	594.30	647.01	625.00	160.00	500.00	543.00	785.00
10754.000	607.36	0.00	607.43	275.83	0.00	531.38	78.62	470.00	310.00	500.00	549.00	780.00
10754.000	609.77	0.00	609.80	470.00	19.07	635.78	341.15	470.00	310.00	500.00	549.00	780.00
10754.000	610.10	0.00	610.13	470.00	36.94	723.82	419.24	470.00	310.00	500.00	549.00	780.00
10754.000	612.16	0.00	612.18	470.00	189.54	856.64	683.82	470.00	310.00	500.00	549.00	780.00
10803.000	607.34	0.00	607.47	40.26	0.00	660.00	0.00	699.00	1.00	300.00	344.00	700.00
10803.000	609.76	0.00	609.82	428.45	0.85	716.71	277.44	699.00	1.00	300.00	344.00	700.00
10803.000	610.09	0.00	610.15	444.77	2.97	804.99	372.04	699.00	1.00	300.00	344.00	700.00
10803.000	612.16	0.00	612.19	608.04	72.56	877.43	780.01	699.00	1.00	300.00	344.00	700.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10871.000	607.74	0.00	607.86	211.57	0.00	658.23	1.77	699.00	1.00	300.00	344.00	700.00
10871.000	609.78	0.00	609.83	428.83	0.88	715.77	278.35	699.00	1.00	300.00	344.00	700.00
10871.000	610.10	0.00	610.16	445.25	3.05	803.74	373.22	699.00	1.00	300.00	344.00	700.00
10871.000	612.19	0.00	612.23	609.68	74.37	873.69	781.93	699.00	1.00	300.00	344.00	700.00
10920.000	607.83	0.00	607.87	315.79	0.00	522.98	137.02	545.00	274.00	500.00	549.00	819.00
10920.000	609.81	0.00	609.84	545.00	22.14	591.26	381.60	545.00	274.00	500.00	549.00	819.00
10920.000	610.14	0.00	610.17	545.00	43.90	669.97	466.13	545.00	274.00	500.00	549.00	819.00
10920.000	612.21	0.00	612.23	545.00	210.83	778.67	740.50	545.00	274.00	500.00	549.00	819.00
11098.000	607.82	0.00	607.92	302.89	21.11	636.78	2.11	675.00	100.00	500.00	549.00	775.00
11098.000	609.82	0.00	609.85	675.00	220.80	626.28	147.92	675.00	100.00	500.00	549.00	775.00
11098.000	610.15	0.00	610.19	675.00	293.23	692.08	194.69	675.00	100.00	500.00	549.00	775.00
11098.000	612.22	0.00	612.24	675.00	615.25	730.34	384.41	675.00	100.00	500.00	549.00	775.00
11147.000	607.83	0.00	607.95	40.99	0.00	660.00	0.00	0.00	0.00	300.00	343.00	0.00
11147.000	609.80	0.00	609.89	528.37	2.05	856.70	136.24	0.00	0.00	300.00	343.00	0.00
11147.000	610.13	0.00	610.23	665.66	9.59	953.69	216.72	0.00	0.00	300.00	343.00	0.00
11147.000	612.22	0.00	612.25	800.00	198.77	878.94	652.30	0.00	0.00	300.00	343.00	0.00
11205.000	608.51	0.00	608.60	191.28	0.00	655.31	4.69	0.00	0.00	300.00	343.00	0.00
11205.000	609.80	0.00	609.89	528.42	2.05	856.69	136.25	0.00	0.00	300.00	343.00	0.00
11205.000	610.13	0.00	610.23	665.68	9.59	953.66	216.74	0.00	0.00	300.00	343.00	0.00
11205.000	612.24	0.00	612.27	800.00	199.97	876.51	653.53	0.00	0.00	300.00	343.00	0.00
11254.000	608.56	0.00	608.62	536.35	69.21	554.29	36.50	690.00	90.00	500.00	549.00	780.00
11254.000	609.87	0.00	609.91	690.00	223.80	618.55	152.66	690.00	90.00	500.00	549.00	780.00
11254.000	610.21	0.00	610.24	690.00	296.89	682.78	200.32	690.00	90.00	500.00	549.00	780.00
11254.000	612.26	0.00	612.28	690.00	618.63	721.44	389.94	690.00	90.00	500.00	549.00	780.00
11404.000	608.51	0.00	608.70	435.69	9.14	559.44	91.42	650.00	250.00	500.00	533.00	900.00
11404.000	609.87	0.00	609.94	586.12	52.15	538.69	404.16	650.00	250.00	500.00	533.00	900.00
11404.000	610.21	0.00	610.28	614.91	82.65	579.30	518.05	650.00	250.00	500.00	533.00	900.00
11404.000	612.27	0.00	612.29	650.00	298.76	545.94	885.29	650.00	250.00	500.00	533.00	900.00
11453.000	608.64	0.00	608.74	350.50	26.35	519.99	113.66	625.00	175.00	400.00	430.00	800.00
11453.000	609.89	0.00	609.95	597.97	102.43	568.05	324.52	625.00	175.00	400.00	430.00	800.00
11453.000	610.23	0.00	610.29	615.35	143.86	613.95	422.18	625.00	175.00	400.00	430.00	800.00
11453.000	612.27	0.00	612.29	625.00	355.22	583.68	791.10	625.00	175.00	400.00	430.00	800.00
11643.000	608.64	0.00	608.74	350.47	26.34	520.02	113.64	0.00	0.00	400.00	430.00	0.00
11643.000	609.89	0.00	609.95	599.24	103.02	566.28	325.70	0.00	0.00	400.00	430.00	0.00
11643.000	610.24	0.00	610.29	615.96	144.63	611.89	423.43	0.00	0.00	400.00	430.00	0.00
11643.000	612.31	0.00	612.33	800.00	371.69	573.92	784.39	0.00	0.00	400.00	430.00	0.00
11692.000	608.63	0.00	608.78	439.03	10.70	537.80	111.50	0.00	0.00	500.00	533.00	0.00
11692.000	609.90	0.00	609.97	600.16	53.50	533.84	407.66	0.00	0.00	500.00	533.00	0.00
11692.000	610.25	0.00	610.31	616.45	84.79	574.14	521.07	0.00	0.00	500.00	533.00	0.00
11692.000	612.31	0.00	612.34	900.00	310.81	538.77	880.42	0.00	0.00	500.00	533.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
12692.000	609.26	0.00	609.38	275.49	25.54	406.12	228.34	335.00	370.00	500.00	522.00	705.00
12692.000	610.23	0.00	610.33	335.00	95.69	477.14	422.18	335.00	370.00	500.00	522.00	705.00
12692.000	610.57	0.00	610.66	335.00	137.08	525.56	517.37	335.00	370.00	500.00	522.00	705.00
12692.000	612.43	0.00	612.49	335.00	334.51	572.22	823.27	335.00	370.00	500.00	522.00	705.00
12741.000	609.24	0.00	609.47	28.82	0.00	660.00	0.00	310.00	230.00	500.00	529.00	540.00
12741.000	610.17	0.00	610.44	299.00	113.29	881.71	0.00	310.00	230.00	500.00	529.00	540.00
12741.000	610.50	0.00	610.78	299.00	209.69	970.31	0.00	310.00	230.00	500.00	529.00	540.00
12741.000	612.41	0.00	612.53	299.00	755.30	974.70	0.00	310.00	230.00	500.00	529.00	540.00
12831.000	609.98	0.00	610.12	259.00	44.30	615.70	0.00	260.00	270.00	500.00	529.00	530.00
12831.000	610.15	0.00	610.44	259.00	97.29	897.71	0.00	260.00	270.00	500.00	529.00	530.00
12831.000	610.47	0.00	610.78	259.00	181.44	998.56	0.00	260.00	270.00	500.00	529.00	530.00
12831.000	612.39	0.00	612.53	259.00	705.87	1024.13	0.00	260.00	270.00	500.00	529.00	530.00
12880.000	610.09	0.00	610.15	215.00	64.33	356.69	238.98	215.00	420.00	500.00	522.00	635.00
12880.000	610.38	0.00	610.49	215.00	112.68	509.27	373.05	215.00	420.00	500.00	522.00	635.00
12880.000	610.71	0.00	610.83	215.00	152.78	570.81	456.41	215.00	420.00	500.00	522.00	635.00
12880.000	612.47	0.00	612.56	215.00	327.24	672.59	730.17	215.00	420.00	500.00	522.00	635.00
12880.000	610.09	0.00	610.15	215.00	64.32	356.70	238.98	215.00	420.00	500.00	522.00	635.00
12880.000	610.38	0.00	610.49	215.00	112.62	509.37	373.01	215.00	420.00	500.00	522.00	635.00
12880.000	610.71	0.00	610.83	215.00	152.72	570.92	456.37	215.00	420.00	500.00	522.00	635.00
12880.000	612.47	0.00	612.56	215.00	327.24	672.59	730.17	215.00	420.00	500.00	522.00	635.00
12929.000	610.06	0.00	610.36	46.83	0.00	659.97	0.03	660.00	40.00	400.00	439.00	700.00
12929.000	610.32	0.00	610.91	99.65	0.00	991.57	3.43	660.00	40.00	400.00	439.00	700.00
12929.000	610.64	0.00	611.32	265.19	0.93	1153.85	25.22	660.00	40.00	400.00	439.00	700.00
12929.000	612.48	0.00	612.59	660.00	459.88	882.50	387.62	660.00	40.00	400.00	439.00	700.00
12986.000	610.69	0.00	610.92	36.91	0.00	660.00	0.00	305.00	200.00	400.00	439.00	505.00
12986.000	611.76	0.00	611.99	305.00	96.20	877.54	21.25	305.00	200.00	400.00	439.00	505.00
12986.000	612.46	0.00	612.62	305.00	220.45	900.62	58.93	305.00	200.00	400.00	439.00	505.00
12986.000	614.64	0.00	614.71	305.00	607.31	941.39	181.31	305.00	200.00	400.00	439.00	505.00
13035.000	610.93	0.00	610.95	405.00	115.37	240.20	304.44	405.00	300.00	500.00	522.00	705.00
13035.000	612.00	0.00	612.02	405.00	238.74	293.92	462.35	405.00	300.00	500.00	522.00	705.00
13035.000	612.63	0.00	612.65	405.00	315.18	317.32	547.50	405.00	300.00	500.00	522.00	705.00
13035.000	614.71	0.00	614.72	405.00	561.69	373.69	794.62	405.00	300.00	500.00	522.00	705.00
13335.000	610.96	0.00	610.98	536.80	346.83	310.93	2.19	650.00	80.00	500.00	546.00	730.00
13335.000	612.03	0.00	612.05	650.00	596.18	353.11	45.72	650.00	80.00	500.00	546.00	730.00
13335.000	612.66	0.00	612.67	650.00	720.10	369.93	89.96	650.00	80.00	500.00	546.00	730.00
13335.000	614.73	0.00	614.74	650.00	1068.71	419.60	241.68	650.00	80.00	500.00	546.00	730.00
13434.000	610.97	0.00	611.00	564.92	288.18	336.09	35.73	0.00	0.00	400.00	430.00	0.00
13434.000	612.04	0.00	612.06	621.59	515.07	380.56	99.36	0.00	0.00	400.00	430.00	0.00
13434.000	612.66	0.00	612.68	646.50	636.75	396.20	147.05	0.00	0.00	400.00	430.00	0.00
13434.000	614.73	0.00	614.74	700.00	975.08	427.61	327.31	0.00	0.00	400.00	430.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
13476.000	610.99	0.00	611.01	565.67	289.04	334.92	36.03	0.00	0.00	400.00	430.00	0.00
13476.000	612.06	0.00	612.09	622.58	516.18	378.41	100.41	0.00	0.00	400.00	430.00	0.00
13476.000	612.69	0.00	612.71	648.07	637.97	393.28	148.75	0.00	0.00	400.00	430.00	0.00
13476.000	614.77	0.00	614.78	700.00	975.24	425.27	329.48	0.00	0.00	400.00	430.00	0.00
13575.000	611.01	0.00	611.03	623.49	356.91	300.83	2.27	0.00	0.00	500.00	546.00	0.00
13575.000	612.08	0.00	612.10	803.08	608.11	344.97	41.92	0.00	0.00	500.00	546.00	0.00
13575.000	612.71	0.00	612.72	829.20	729.76	360.81	89.43	0.00	0.00	500.00	546.00	0.00
13575.000	614.78	0.00	614.79	1000.00	1048.37	399.63	282.00	0.00	0.00	500.00	546.00	0.00
14475.000	611.22	0.00	611.33	384.39	242.92	399.56	17.52	0.00	0.00	500.00	520.00	0.00
14475.000	612.21	0.00	612.28	510.69	523.27	426.58	45.15	0.00	0.00	500.00	520.00	0.00
14475.000	612.80	0.00	612.85	770.05	662.00	417.75	100.25	0.00	0.00	500.00	520.00	0.00
14475.000	614.82	0.00	614.84	851.01	961.71	356.28	412.01	0.00	0.00	500.00	520.00	0.00
14524.000	611.17	0.00	611.45	186.83	45.31	614.69	0.00	0.00	0.00	400.00	429.00	0.00
14524.000	612.19	0.00	612.35	769.14	276.03	655.41	63.56	0.00	0.00	400.00	429.00	0.00
14524.000	612.81	0.00	612.88	800.00	429.61	565.99	184.40	0.00	0.00	400.00	429.00	0.00
14524.000	614.83	0.00	614.84	800.00	788.34	424.45	517.20	0.00	0.00	400.00	429.00	0.00
14652.000	611.32	0.00	611.56	227.45	62.04	597.95	0.00	0.00	0.00	400.00	429.00	0.00
14652.000	612.19	0.00	612.35	769.85	276.30	654.92	63.78	0.00	0.00	400.00	429.00	0.00
14652.000	612.80	0.00	612.88	800.00	428.95	567.49	183.56	0.00	0.00	400.00	429.00	0.00
14652.000	614.87	0.00	614.88	800.00	789.94	419.77	520.29	0.00	0.00	400.00	429.00	0.00
14701.000	611.53	0.00	611.61	397.72	283.75	351.95	24.30	0.00	0.00	500.00	520.00	0.00
14701.000	612.32	0.00	612.38	539.79	529.42	409.08	56.50	0.00	0.00	500.00	520.00	0.00
14701.000	612.85	0.00	612.90	771.27	653.40	404.98	121.62	0.00	0.00	500.00	520.00	0.00
14701.000	614.87	0.00	614.89	854.56	924.01	338.54	467.45	0.00	0.00	500.00	520.00	0.00
15601.000	611.91	0.00	612.27	246.80	0.40	599.49	60.11	0.00	0.00	500.00	524.00	0.00
15601.000	612.67	0.00	612.96	400.73	51.77	705.42	237.80	0.00	0.00	500.00	524.00	0.00
15601.000	613.13	0.00	613.34	462.25	104.89	707.72	367.39	0.00	0.00	500.00	524.00	0.00
15601.000	614.96	0.00	615.01	898.24	374.33	565.77	789.89	0.00	0.00	500.00	524.00	0.00
15750.000	612.31	0.00	612.45	188.10	33.64	572.43	53.93	0.00	0.00	400.00	440.00	0.00
15750.000	612.93	0.00	613.12	289.24	82.83	784.36	127.81	0.00	0.00	400.00	440.00	0.00
15750.000	613.27	0.00	613.46	371.87	121.02	873.04	185.93	0.00	0.00	400.00	440.00	0.00
15750.000	614.99	0.00	615.06	700.00	432.99	844.65	452.36	0.00	0.00	400.00	440.00	0.00
15800.000	611.53	0.00	613.37	119.14	0.00	660.00	0.00	0.00	0.00	400.00	440.00	0.00
15800.000	614.57	0.00	614.61	700.00	211.97	540.36	242.68	0.00	0.00	400.00	440.00	0.00
15800.000	614.69	0.00	614.74	700.00	264.65	620.98	294.37	0.00	0.00	400.00	440.00	0.00
15800.000	615.16	0.00	615.22	700.00	456.39	811.13	462.43	0.00	0.00	400.00	440.00	0.00
15849.000	613.54	0.00	613.58	503.96	82.27	359.25	218.47	800.00	50.00	500.00	524.00	850.00
15849.000	614.59	0.00	614.62	800.00	197.14	390.43	407.43	800.00	50.00	500.00	524.00	850.00
15849.000	614.71	0.00	614.75	800.00	245.96	446.25	487.79	800.00	50.00	500.00	524.00	850.00
15849.000	615.18	0.00	615.23	800.00	426.65	571.91	731.44	800.00	50.00	500.00	524.00	850.00

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	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
	17575.000	614.15	0.00	614.19	649.46	76.42	231.72	351.86	0.00	0.00	400.00	422.00	0.00
	17575.000	614.98	0.00	615.00	727.06	213.25	224.16	557.58	0.00	0.00	400.00	422.00	0.00
	17575.000	615.17	0.00	615.19	740.78	273.11	245.91	660.98	0.00	0.00	400.00	422.00	0.00
	17575.000	615.74	0.00	615.77	781.62	472.34	297.12	960.54	0.00	0.00	400.00	422.00	0.00
*	17710.000	614.37	0.00	614.89	264.07	0.00	532.13	127.87	0.00	0.00	450.00	472.00	0.00
	17710.000	615.05	0.00	615.30	634.26	64.10	528.39	402.51	0.00	0.00	450.00	472.00	0.00
	17710.000	615.25	0.00	615.46	694.45	113.12	545.05	521.83	0.00	0.00	450.00	472.00	0.00
	17710.000	615.83	0.00	615.96	748.03	299.59	555.96	874.45	0.00	0.00	450.00	472.00	0.00
	17850.000	615.03	0.00	615.47	311.29	12.16	583.19	64.66	0.00	0.00	500.00	525.00	0.00
	17850.000	615.47	0.00	615.91	487.49	72.95	715.74	206.32	0.00	0.00	500.00	525.00	0.00
	17850.000	615.65	0.00	616.07	552.01	120.59	766.45	292.96	0.00	0.00	500.00	525.00	0.00
	17850.000	616.13	0.00	616.46	663.32	296.61	847.01	586.38	0.00	0.00	500.00	525.00	0.00
	18100.000	615.85	0.00	616.01	509.80	56.59	454.50	148.91	585.00	220.00	500.00	525.00	805.00
	18100.000	616.32	0.00	616.46	556.80	157.74	525.79	311.47	585.00	220.00	500.00	525.00	805.00
	18100.000	616.50	0.00	616.64	574.55	215.13	568.76	396.10	585.00	220.00	500.00	525.00	805.00
	18100.000	616.89	0.00	617.05	585.00	395.69	693.49	640.81	585.00	220.00	500.00	525.00	805.00
	18575.000	616.65	0.00	616.99	212.27	0.00	582.44	77.56	0.00	0.00	500.00	524.00	0.00
	18575.000	617.16	0.00	617.57	313.95	4.41	755.95	234.64	0.00	0.00	500.00	524.00	0.00
	18575.000	617.38	0.00	617.80	348.64	12.80	830.09	337.11	0.00	0.00	500.00	524.00	0.00
	18575.000	617.89	0.00	618.33	561.85	67.57	1000.95	661.48	0.00	0.00	500.00	524.00	0.00
	18624.000	617.09	0.00	617.10	388.20	110.74	205.96	343.30	0.00	0.00	418.00	433.00	0.00
	18624.000	617.68	0.00	617.71	426.30	184.28	273.65	537.07	0.00	0.00	418.00	433.00	0.00
	18624.000	617.92	0.00	617.95	460.02	229.05	308.79	642.16	0.00	0.00	418.00	433.00	0.00
	18624.000	618.44	0.00	618.48	620.55	374.86	406.58	948.56	0.00	0.00	418.00	433.00	0.00
	18704.000	618.15	0.00	618.15	493.47	134.19	164.60	361.21	0.00	0.00	418.00	433.00	0.00
	18704.000	618.11	0.00	618.13	488.04	200.78	250.07	544.15	0.00	0.00	418.00	433.00	0.00
	18704.000	618.30	0.00	618.32	549.57	247.41	285.65	646.94	0.00	0.00	418.00	433.00	0.00
	18704.000	618.71	0.00	618.75	700.00	403.28	383.19	943.53	0.00	0.00	418.00	433.00	0.00
	18753.000	618.11	0.00	618.18	529.18	34.25	391.04	234.71	530.00	285.00	500.00	524.00	815.00
	18753.000	618.02	0.00	618.18	522.86	43.27	609.83	341.90	530.00	285.00	500.00	524.00	815.00
	18753.000	618.20	0.00	618.38	530.00	71.18	676.71	432.11	530.00	285.00	500.00	524.00	815.00
	18753.000	618.60	0.00	618.83	530.00	166.59	867.30	696.10	530.00	285.00	500.00	524.00	815.00
	19003.000	618.14	0.00	618.27	288.12	98.67	530.80	30.52	570.00	250.00	500.00	527.00	820.00
	19003.000	618.11	0.00	618.39	265.60	146.00	804.83	44.16	570.00	250.00	500.00	527.00	820.00
	19003.000	618.29	0.00	618.64	368.91	189.17	927.19	63.64	570.00	250.00	500.00	527.00	820.00
	19003.000	618.69	0.00	619.20	435.35	337.48	1249.07	143.45	570.00	250.00	500.00	527.00	820.00
	19077.000	618.30	0.00	618.31	465.00	261.40	199.35	199.25	465.00	150.00	400.00	432.00	615.00
	19077.000	618.47	0.00	618.49	465.00	399.19	293.11	302.70	465.00	150.00	400.00	432.00	615.00
	19077.000	618.74	0.00	618.75	465.00	481.48	335.69	362.82	465.00	150.00	400.00	432.00	615.00
	19077.000	619.35	0.00	619.37	465.00	728.29	458.35	543.36	465.00	150.00	400.00	432.00	615.00

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19235.000	618.37	0.00	618.37	532.46	262.44	197.34	200.22	0.00	0.00	400.00	432.00	0.00
19235.000	618.57	0.00	618.58	556.11	401.33	288.98	304.69	0.00	0.00	400.00	432.00	0.00
19235.000	618.83	0.00	618.84	590.57	483.90	330.25	365.85	0.00	0.00	400.00	432.00	0.00
19235.000	619.43	0.00	619.45	741.05	734.23	443.30	552.47	0.00	0.00	400.00	432.00	0.00
19384.000	618.28	0.00	618.48	414.92	31.90	571.15	56.95	0.00	0.00	500.00	529.00	0.00
19384.000	618.41	0.00	618.79	475.27	72.63	825.57	96.80	0.00	0.00	500.00	529.00	0.00
19384.000	618.69	0.00	619.04	526.97	165.33	873.66	141.01	0.00	0.00	500.00	529.00	0.00
19384.000	619.35	0.00	619.61	618.54	484.17	959.33	286.49	0.00	0.00	500.00	529.00	0.00
19433.000	618.27	0.00	618.66	284.61	25.31	624.35	10.34	465.00	190.00	400.00	425.00	655.00
19433.000	618.35	0.00	619.15	351.40	51.71	916.55	26.74	465.00	190.00	400.00	425.00	655.00
19433.000	618.71	0.00	619.29	461.43	147.24	910.32	122.44	465.00	190.00	400.00	425.00	655.00
19433.000	619.44	0.00	619.73	461.46	427.82	361.63	440.55	465.00	190.00	400.00	425.00	655.00
19677.000	619.17	0.00	619.20	713.23	127.73	305.61	226.66	0.00	0.00	400.00	425.00	0.00
19677.000	619.52	0.00	619.56	748.84	239.61	361.48	393.91	0.00	0.00	400.00	425.00	0.00
19677.000	619.72	0.00	619.76	768.63	309.17	380.07	490.76	0.00	0.00	400.00	425.00	0.00
19677.000	620.20	0.00	620.23	796.50	525.12	432.59	772.28	0.00	0.00	400.00	425.00	0.00
19776.000	619.16	0.00	619.25	478.09	105.02	485.84	69.14	0.00	0.00	500.00	529.00	0.00
19776.000	619.50	0.00	619.63	642.76	213.06	658.64	123.30	0.00	0.00	500.00	529.00	0.00
19776.000	619.69	0.00	619.84	675.67	287.61	732.46	159.94	0.00	0.00	500.00	529.00	0.00
19776.000	620.15	0.00	620.33	751.43	527.15	918.32	284.53	0.00	0.00	500.00	529.00	0.00
19876.000	619.14	0.00	619.31	364.55	69.22	582.25	8.53	650.00	150.00	500.00	526.00	800.00
19876.000	619.46	0.00	619.73	545.95	160.74	809.67	24.59	650.00	150.00	500.00	526.00	800.00
19876.000	619.64	0.00	619.95	574.47	227.49	906.80	45.71	650.00	150.00	500.00	526.00	800.00
19876.000	620.09	0.00	620.46	633.18	447.28	1141.14	141.57	650.00	150.00	500.00	526.00	800.00
19925.000	619.34	0.00	619.36	449.22	281.06	305.02	73.91	0.00	0.00	400.00	429.00	0.00
19925.000	619.78	0.00	619.81	487.53	447.18	428.15	119.66	0.00	0.00	400.00	429.00	0.00
19925.000	620.01	0.00	620.04	506.79	543.17	490.52	146.32	0.00	0.00	400.00	429.00	0.00
19925.000	620.52	0.00	620.58	550.03	836.35	665.72	227.93	0.00	0.00	400.00	429.00	0.00
20033.000	619.88	0.00	619.89	496.16	299.89	279.61	80.50	0.00	0.00	400.00	429.00	0.00
20033.000	620.19	0.00	620.21	522.85	466.57	402.15	126.28	0.00	0.00	400.00	429.00	0.00
20033.000	620.33	0.00	620.36	535.25	560.84	466.87	152.29	0.00	0.00	400.00	429.00	0.00
20033.000	620.73	0.00	620.78	554.29	851.72	645.66	232.62	0.00	0.00	400.00	429.00	0.00
20082.000	619.82	0.00	619.92	448.98	131.09	503.59	25.32	705.00	80.00	500.00	526.00	785.00
20082.000	620.10	0.00	620.26	479.95	230.82	704.36	59.82	705.00	80.00	500.00	526.00	785.00
20082.000	620.23	0.00	620.42	493.72	289.43	807.21	83.36	705.00	80.00	500.00	526.00	785.00
20082.000	620.58	0.00	620.87	533.14	481.78	1072.63	175.59	705.00	80.00	500.00	526.00	785.00
20232.000	619.83	0.00	619.99	384.22	90.10	563.24	16.65	610.00	100.00	500.00	533.00	710.00
20232.000	620.12	0.00	620.39	436.50	155.88	789.19	49.92	610.00	100.00	500.00	533.00	710.00
20232.000	620.26	0.00	620.57	449.94	203.73	900.99	75.23	610.00	100.00	500.00	533.00	710.00
20232.000	620.65	0.00	621.07	483.18	373.98	1181.22	174.80	610.00	100.00	500.00	533.00	710.00

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20281.000	620.02	0.00	620.05	526.77	329.87	194.69	135.44	0.00	0.00	409.50	420.50	0.00
20281.000	620.44	0.00	620.47	537.02	537.68	252.43	204.89	0.00	0.00	409.50	420.50	0.00
20281.000	620.64	0.00	620.67	541.90	656.63	280.12	243.25	0.00	0.00	409.50	420.50	0.00
20281.000	621.16	0.00	621.21	554.86	1021.91	349.92	358.17	0.00	0.00	409.50	420.50	0.00
20385.000	620.19	0.00	620.21	531.13	342.04	182.27	135.69	0.00	0.00	409.50	420.50	0.00
20385.000	620.55	0.00	620.58	539.83	547.13	242.85	205.02	0.00	0.00	409.50	420.50	0.00
20385.000	620.74	0.00	620.78	544.47	665.76	270.83	243.41	0.00	0.00	409.50	420.50	0.00
20385.000	621.26	0.00	621.30	557.08	1030.21	341.25	358.54	0.00	0.00	409.50	420.50	0.00
20434.000	620.14	0.00	620.24	421.35	118.97	499.90	41.13	0.00	0.00	500.00	533.00	0.00
20434.000	620.49	0.00	620.63	472.88	219.23	672.81	102.96	0.00	0.00	500.00	533.00	0.00
20434.000	620.67	0.00	620.83	500.39	283.73	750.19	146.08	0.00	0.00	500.00	533.00	0.00
20434.000	621.18	0.00	621.36	575.30	503.45	929.13	297.42	0.00	0.00	500.00	533.00	0.00
21554.000	620.71	0.00	620.78	493.62	31.32	367.64	261.04	0.00	0.00	500.00	526.00	0.00
21554.000	621.23	0.00	621.30	715.57	91.12	438.07	465.81	0.00	0.00	500.00	526.00	0.00
21554.000	621.47	0.00	621.53	731.20	131.61	467.12	581.26	0.00	0.00	500.00	526.00	0.00
21554.000	622.05	0.00	622.11	769.59	265.23	542.65	922.12	0.00	0.00	500.00	526.00	0.00
21653.000	620.81	0.00	620.81	808.48	220.56	171.05	268.39	0.00	0.00	400.00	431.00	0.00
21653.000	621.33	0.00	621.33	1000.00	351.00	227.19	416.81	0.00	0.00	400.00	431.00	0.00
21653.000	621.56	0.00	621.57	1000.00	422.96	254.38	502.66	0.00	0.00	400.00	431.00	0.00
21653.000	622.13	0.00	622.14	1000.00	637.28	327.25	765.46	0.00	0.00	400.00	431.00	0.00
21670.000	621.04	0.00	621.04	1000.00	227.05	161.73	271.22	0.00	0.00	400.00	431.00	0.00
21670.000	621.39	0.00	621.39	1000.00	352.76	223.41	418.84	0.00	0.00	400.00	431.00	0.00
21670.000	621.61	0.00	621.62	1000.00	424.46	250.76	504.78	0.00	0.00	400.00	431.00	0.00
21670.000	622.19	0.00	622.20	1000.00	638.78	322.76	768.46	0.00	0.00	400.00	431.00	0.00
21719.000	621.04	0.00	621.06	808.67	84.45	228.32	347.23	0.00	0.00	500.00	526.00	0.00
21719.000	621.39	0.00	621.41	878.32	160.88	293.45	540.67	0.00	0.00	500.00	526.00	0.00
21719.000	621.61	0.00	621.63	911.68	215.64	316.28	648.08	0.00	0.00	500.00	526.00	0.00
21719.000	622.19	0.00	622.21	969.38	400.02	373.43	956.55	0.00	0.00	500.00	526.00	0.00
22670.000	621.24	0.00	621.52	226.58	1.88	500.33	157.79	0.00	0.00	500.00	526.00	0.00
22670.000	621.68	0.00	622.01	330.42	20.73	650.32	323.95	0.00	0.00	500.00	526.00	0.00
22670.000	621.92	0.00	622.24	402.11	41.69	705.31	433.00	0.00	0.00	500.00	526.00	0.00
22670.000	622.54	0.00	622.79	730.23	146.01	791.28	792.72	0.00	0.00	500.00	526.00	0.00
24069.000	623.54	0.00	623.69	394.42	11.40	480.04	168.56	0.00	0.00	500.00	531.00	0.00
24069.000	624.11	0.00	624.24	521.52	43.47	570.26	381.28	0.00	0.00	500.00	531.00	0.00
24069.000	624.34	0.00	624.47	597.47	68.75	616.73	494.52	0.00	0.00	500.00	531.00	0.00
24069.000	624.82	0.00	624.95	556.67	179.97	744.20	805.83	0.00	0.00	500.00	531.00	0.00

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10-YEAR FREQU

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	588.60	660.00	598.00	0.00	598.13	6.16	2.98	263.81	265.83
0.000	0.00	0.00	0.00	588.60	995.00	598.50	0.00	598.73	9.83	3.99	317.89	317.34
0.000	0.00	0.00	0.00	588.60	1180.00	598.60	0.00	598.91	12.90	4.63	329.76	328.48
0.000	0.00	0.00	0.00	588.60	1730.00	598.80	0.00	599.40	24.21	6.48	354.54	351.61
49.000	49.00	0.00	0.00	589.70	660.00	598.02	0.00	598.16	3.75	3.06	216.00	340.72
49.000	49.00	0.00	0.00	589.70	995.00	598.52	0.00	598.78	6.32	4.14	290.08	395.93
49.000	49.00	0.00	0.00	589.70	1180.00	598.63	0.00	598.98	8.22	4.77	312.77	411.68
49.000	49.00	0.00	0.00	589.70	1730.00	598.88	0.00	599.51	14.64	6.54	366.24	452.15
145.000	96.00	598.40	595.50	589.70	660.00	599.64	0.00	599.70	1.37	2.16	433.15	564.80
145.000	96.00	598.40	595.50	589.70	995.00	600.79	0.00	600.87	1.55	2.55	622.86	800.10
145.000	96.00	598.40	595.50	589.70	1180.00	601.30	0.00	601.39	1.64	2.74	707.47	920.11
145.000	96.00	598.40	595.50	589.70	1730.00	602.66	0.00	602.79	1.83	3.19	932.82	1279.86
194.000	49.00	0.00	0.00	588.60	660.00	599.65	0.00	599.71	1.31	2.13	475.24	577.68
194.000	49.00	0.00	0.00	588.60	995.00	600.80	0.00	600.88	1.51	2.54	687.39	809.53
194.000	49.00	0.00	0.00	588.60	1180.00	601.31	0.00	601.40	1.60	2.72	805.05	932.94
194.000	49.00	0.00	0.00	588.60	1730.00	602.69	0.00	602.80	1.66	3.06	1209.50	1342.85
994.000	800.00	0.00	0.00	590.20	660.00	599.77	0.00	599.79	0.67	1.58	1297.46	804.79
994.000	800.00	0.00	0.00	590.20	995.00	600.94	0.00	600.96	0.60	1.65	1834.82	1279.55
994.000	800.00	0.00	0.00	590.20	1180.00	601.47	0.00	601.48	0.60	1.71	2073.86	1522.92
994.000	800.00	0.00	0.00	590.20	1730.00	602.86	0.00	602.88	0.59	1.86	2707.58	2255.15
1043.000	49.00	0.00	0.00	590.00	660.00	599.77	0.00	599.79	0.77	1.34	1111.01	752.62
1043.000	49.00	0.00	0.00	590.00	995.00	600.95	0.00	600.96	0.71	1.42	1615.35	1178.44
1043.000	49.00	0.00	0.00	590.00	1180.00	601.47	0.00	601.49	0.71	1.47	1841.35	1401.14
1043.000	49.00	0.00	0.00	590.00	1730.00	602.86	0.00	602.88	0.69	1.59	2440.30	2077.24
1062.000	19.00	596.80	595.40	590.00	660.00	599.79	0.00	599.81	0.76	1.34	1107.68	755.89
1062.000	19.00	596.80	595.40	590.00	995.00	600.97	0.00	600.98	0.71	1.42	1601.93	1179.30
1062.000	19.00	596.80	595.40	590.00	1180.00	601.50	0.00	601.51	0.71	1.47	1824.06	1400.97
1062.000	19.00	596.80	595.40	590.00	1730.00	602.90	0.00	602.92	0.70	1.60	2413.24	2073.92
1111.000	49.00	0.00	0.00	590.20	660.00	599.80	0.00	599.81	0.81	1.34	1257.68	734.00
1111.000	49.00	0.00	0.00	590.20	995.00	600.98	0.00	600.99	0.74	1.42	1722.57	1155.03
1111.000	49.00	0.00	0.00	590.20	1180.00	601.50	0.00	601.52	0.74	1.47	1931.42	1370.65
1111.000	49.00	0.00	0.00	590.20	1730.00	602.91	0.00	602.92	0.74	1.61	2485.29	2015.20
1112.000	1.00	0.00	0.00	589.70	660.00	599.80	0.00	599.81	1.09	1.37	1149.34	630.92
1112.000	1.00	0.00	0.00	589.70	995.00	600.98	0.00	600.99	0.93	1.40	1613.93	1033.85
1112.000	1.00	0.00	0.00	589.70	1180.00	601.50	0.00	601.52	0.90	1.45	1822.70	1242.08
1112.000	1.00	0.00	0.00	589.70	1730.00	602.91	0.00	602.92	0.86	1.56	2376.35	1868.68

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
1160.000	48.00	0.00	0.00	590.40	660.00	599.80	0.00	599.82	1.03	1.52	907.78	649.87
1160.000	48.00	0.00	0.00	590.40	995.00	600.97	0.00	601.00	0.96	1.62	1341.97	1017.11
1160.000	48.00	0.00	0.00	590.40	1180.00	601.50	0.00	601.53	0.95	1.68	1537.53	1211.34
1160.000	48.00	0.00	0.00	590.40	1730.00	602.90	0.00	602.93	0.92	1.82	2056.14	1802.62
1173.000	13.00	596.70	596.00	590.40	660.00	599.82	0.00	599.85	1.02	1.51	914.83	655.08
1173.000	13.00	596.70	596.00	590.40	995.00	601.00	0.00	601.02	0.94	1.61	1349.84	1024.60
1173.000	13.00	596.70	596.00	590.40	1180.00	601.53	0.00	601.55	0.94	1.67	1545.20	1219.29
1173.000	13.00	596.70	596.00	590.40	1730.00	602.93	0.00	602.96	0.91	1.81	2064.77	1813.34
1222.000	49.00	0.00	0.00	589.70	660.00	599.84	0.00	599.85	1.04	1.34	1225.36	647.52
1222.000	49.00	0.00	0.00	589.70	995.00	601.02	0.00	601.03	0.82	1.33	1778.95	1095.79
1222.000	49.00	0.00	0.00	589.70	1180.00	601.55	0.00	601.56	0.79	1.36	2027.19	1330.43
1222.000	49.00	0.00	0.00	589.70	1730.00	602.95	0.00	602.96	0.72	1.43	2687.33	2045.81
1282.000	60.00	0.00	0.00	590.00	660.00	599.85	0.00	599.86	1.04	1.47	1191.56	648.34
1282.000	60.00	0.00	0.00	590.00	995.00	601.02	0.00	601.04	0.85	1.47	1709.59	1060.89
1282.000	60.00	0.00	0.00	590.00	1180.00	601.55	0.00	601.56	0.85	1.50	1942.02	1276.84
1282.000	60.00	0.00	0.00	590.00	1730.00	602.96	0.00	602.97	0.80	1.58	2560.10	1934.75
1331.000	49.00	0.00	0.00	588.50	660.00	599.84	0.00	599.87	0.76	1.70	1059.86	757.41
1331.000	49.00	0.00	0.00	588.50	995.00	601.02	0.00	601.05	0.72	1.81	1546.84	1173.59
1331.000	49.00	0.00	0.00	588.50	1180.00	601.55	0.00	601.57	0.72	1.87	1765.46	1391.08
1331.000	49.00	0.00	0.00	588.50	1730.00	602.95	0.00	602.98	0.71	2.03	2346.88	2052.41
1373.000	42.00	596.90	596.50	588.50	660.00	599.85	0.00	599.88	0.78	1.73	1025.00	745.61
1373.000	42.00	596.90	596.50	588.50	995.00	601.03	0.00	601.06	0.75	1.85	1489.54	1149.09
1373.000	42.00	596.90	596.50	588.50	1180.00	601.56	0.00	601.59	0.75	1.92	1698.14	1359.55
1373.000	42.00	596.90	596.50	589.50	1730.00	602.97	0.00	603.00	0.75	2.09	2252.71	1998.26
1422.000	49.00	0.00	0.00	590.00	660.00	599.86	0.00	599.88	0.91	1.79	1107.81	691.77
1422.000	49.00	0.00	0.00	590.00	995.00	601.04	0.00	601.06	0.86	1.89	1542.74	1075.91
1422.000	49.00	0.00	0.00	590.00	1180.00	601.57	0.00	601.59	0.86	1.95	1738.07	1273.98
1422.000	49.00	0.00	0.00	590.00	1730.00	602.99	0.00	603.01	0.86	2.12	2257.36	1870.67
2022.000	600.00	0.00	0.00	591.20	660.00	599.88	0.00	600.01	3.35	2.93	235.43	360.50
2022.000	600.00	0.00	0.00	591.20	995.00	601.02	0.00	601.21	3.85	3.57	330.18	507.17
2022.000	600.00	0.00	0.00	591.20	1180.00	601.53	0.00	601.75	4.10	3.87	374.70	582.90
2022.000	600.00	0.00	0.00	591.20	1730.00	602.89	0.00	603.19	4.58	4.60	492.86	808.02
2071.000	49.00	0.00	0.00	591.80	660.00	599.99	0.00	600.04	1.24	1.93	341.19	592.51
2071.000	49.00	0.00	0.00	591.80	995.00	601.16	0.00	601.25	1.68	2.43	410.27	766.58
2071.000	49.00	0.00	0.00	591.80	1180.00	601.69	0.00	601.80	1.92	2.66	442.86	852.51
2071.000	49.00	0.00	0.00	591.80	1730.00	603.09	0.00	603.25	2.46	3.24	533.81	1103.76
2133.000	62.00	608.50	599.50	591.80	660.00	600.22	0.00	600.27	1.11	1.86	354.62	625.44
2133.000	62.00	608.50	599.50	591.80	995.00	601.74	0.00	601.82	1.34	2.23	446.06	861.06
2133.000	62.00	608.50	599.50	591.80	1180.00	602.52	0.00	602.61	1.40	2.38	496.40	998.46
2133.000	62.00	608.50	599.50	591.80	1730.00	604.97	0.00	605.07	1.32	2.60	665.65	1507.79

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	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
	2282.000	149.00	0.00	0.00	591.20	660.00	600.20	0.00	600.32	2.74	2.76	259.94	398.45
	2282.000	149.00	0.00	0.00	591.20	995.00	601.72	0.00	601.86	2.61	3.14	415.52	615.45
	2282.000	149.00	0.00	0.00	591.20	1180.00	602.51	0.00	602.66	2.39	3.22	559.16	763.78
	2282.000	149.00	0.00	0.00	591.20	1730.00	604.98	0.00	605.10	1.51	3.05	1069.69	1409.94
	2562.000	280.00	0.00	0.00	591.70	660.00	600.23	0.00	600.48	7.74	3.96	166.50	237.19
	2562.000	280.00	0.00	0.00	591.70	995.00	601.72	0.00	602.03	8.16	4.48	224.46	348.32
	2562.000	280.00	0.00	0.00	591.70	1180.00	602.49	0.00	602.82	7.75	4.64	264.88	423.81
	2562.000	280.00	0.00	0.00	591.70	1730.00	604.90	0.00	605.23	5.21	4.72	421.91	757.76
	2611.000	49.00	0.00	0.00	592.00	660.00	600.40	0.00	600.51	2.96	2.73	241.62	383.74
	2611.000	49.00	0.00	0.00	592.00	995.00	601.90	0.00	602.07	3.62	3.31	300.70	522.70
	2611.000	49.00	0.00	0.00	592.00	1180.00	602.67	0.00	602.86	3.86	3.55	332.15	600.90
	2611.000	49.00	0.00	0.00	592.00	1730.00	605.01	0.00	605.26	3.89	4.02	430.70	877.65
	2613.000	2.00	602.30	599.50	592.00	660.00	600.28	0.00	600.63	26.80	4.79	137.80	127.48
	2613.000	2.00	602.30	599.50	592.00	995.00	601.59	0.00	602.40	60.92	7.22	137.80	127.48
*	2613.000	2.00	602.30	599.50	592.00	1180.00	602.45	0.00	603.09	42.72	6.41	184.02	180.54
*	2613.000	2.00	602.30	599.50	592.00	1730.00	605.31	0.00	605.33	2.80	1.82	2138.02	1033.13
	2649.000	36.00	602.60	599.50	592.00	660.00	600.37	0.00	600.73	26.80	4.79	137.80	127.48
	2649.000	36.00	602.60	599.50	592.00	995.00	601.81	0.00	602.61	60.92	7.22	137.80	127.48
*	2649.000	36.00	602.60	599.50	592.00	1180.00	602.65	0.00	603.26	52.13	6.27	188.06	163.43
*	2649.000	36.00	602.60	599.50	592.00	1730.00	605.07	0.00	605.63	33.66	5.99	288.91	298.18
	2651.000	2.00	0.00	0.00	592.00	660.00	600.65	0.00	600.76	2.65	2.63	251.24	405.61
	2651.000	2.00	0.00	0.00	592.00	995.00	602.54	0.00	602.68	2.87	3.04	326.91	587.67
	2651.000	2.00	0.00	0.00	592.00	1180.00	603.13	0.00	603.31	3.26	3.35	351.82	653.85
	2651.000	2.00	0.00	0.00	592.00	1730.00	605.43	0.00	605.66	3.47	3.86	448.15	929.24
	2700.000	49.00	0.00	0.00	591.70	660.00	600.60	0.00	600.80	6.35	3.66	180.42	261.99
	2700.000	49.00	0.00	0.00	591.70	995.00	602.50	0.00	602.73	5.38	3.87	271.08	429.04
	2700.000	49.00	0.00	0.00	591.70	1180.00	603.09	0.00	603.36	5.45	4.14	312.77	505.54
	2700.000	49.00	0.00	0.00	591.70	1730.00	605.41	0.00	605.69	4.06	4.36	475.07	859.09
	3800.000	1100.00	0.00	0.00	593.00	660.00	601.07	0.00	601.15	1.76	2.39	337.29	497.92
	3800.000	1100.00	0.00	0.00	593.00	995.00	602.93	0.00	603.03	1.58	2.70	467.69	790.81
	3800.000	1100.00	0.00	0.00	593.00	1180.00	603.55	0.00	603.68	1.71	2.95	512.07	902.22
	3800.000	1100.00	0.00	0.00	593.00	1730.00	605.81	0.00	605.98	1.66	3.39	670.07	1342.86
	3849.000	49.00	0.00	0.00	593.90	660.00	601.07	0.00	601.16	2.40	2.50	264.22	425.77
	3849.000	49.00	0.00	0.00	593.90	995.00	602.92	0.00	603.05	2.36	2.85	349.18	647.72
	3849.000	49.00	0.00	0.00	593.90	1180.00	603.55	0.00	603.70	2.63	3.12	377.80	727.94
	3849.000	49.00	0.00	0.00	593.90	1730.00	605.80	0.00	606.00	2.78	3.59	481.43	1036.96
	3851.000	2.00	606.10	602.10	593.90	660.00	601.00	0.00	601.23	3.14	3.90	169.21	372.40
	3851.000	2.00	606.10	602.10	593.90	995.00	602.79	0.00	603.19	8.06	5.09	195.53	350.55
	3851.000	2.00	606.10	602.10	593.90	1180.00	603.34	0.00	603.90	11.33	6.04	195.53	350.55
	3851.000	2.00	606.10	602.10	593.90	1730.00	605.29	0.00	606.51	24.35	8.85	195.53	350.55

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
3893.000	42.00	606.10	602.10	593.90	660.00	601.01	0.00	601.25	3.13	3.89	169.50	373.24
3893.000	42.00	606.10	602.10	593.90	995.00	602.82	0.00	603.22	8.06	5.09	195.53	350.55
3893.000	42.00	606.10	602.10	593.90	1180.00	603.39	0.00	603.95	11.33	6.04	195.53	350.55
3893.000	42.00	606.10	602.10	593.90	1730.00	605.39	0.00	606.61	24.35	8.85	195.53	350.55
3895.000	2.00	0.00	0.00	593.90	660.00	601.17	0.00	601.26	0.71	2.46	268.43	785.04
3895.000	2.00	0.00	0.00	593.90	995.00	603.13	0.00	603.25	0.67	2.77	358.76	1213.72
3895.000	2.00	0.00	0.00	593.90	1180.00	603.85	0.00	604.00	0.73	3.01	392.07	1383.88
3895.000	2.00	0.00	0.00	593.90	1730.00	606.54	0.00	606.71	0.69	3.35	557.25	2084.16
3929.000	34.00	0.00	0.00	593.00	660.00	601.17	0.00	601.26	0.55	2.43	329.81	892.83
3929.000	34.00	0.00	0.00	593.00	995.00	603.14	0.00	603.25	0.49	2.76	457.97	1420.56
3929.000	34.00	0.00	0.00	593.00	1180.00	603.86	0.00	604.00	0.52	3.00	505.01	1637.72
3929.000	34.00	0.00	0.00	593.00	1730.00	606.55	0.00	606.72	0.46	3.37	679.11	2541.90
3978.000	49.00	0.00	0.00	593.70	660.00	601.15	0.00	601.30	4.26	3.13	210.66	319.71
3978.000	49.00	0.00	0.00	593.70	995.00	603.11	0.00	603.29	3.85	3.47	287.06	507.09
3978.000	49.00	0.00	0.00	593.70	1180.00	603.83	0.00	604.05	4.12	3.74	315.12	581.25
3978.000	49.00	0.00	0.00	593.70	1730.00	606.51	0.00	606.77	3.89	4.12	419.55	876.67
4200.000	222.00	612.30	602.20	593.70	660.00	601.16	0.00	601.31	4.24	3.13	210.95	320.38
4200.000	222.00	612.30	602.20	593.70	995.00	604.24	0.00	604.38	2.53	3.00	331.36	625.28
4200.000	222.00	612.30	602.20	593.70	1180.00	605.47	0.00	605.62	2.41	3.11	379.24	759.38
4200.000	222.00	612.30	602.20	593.70	1730.00	610.24	0.00	610.36	1.55	2.92	807.29	1389.75
4249.000	49.00	0.00	0.00	593.00	660.00	601.28	0.00	601.33	1.21	2.03	529.70	600.52
4249.000	49.00	0.00	0.00	593.00	995.00	604.36	0.00	604.40	0.58	1.82	952.37	1308.13
4249.000	49.00	0.00	0.00	593.00	1180.00	605.60	0.00	605.64	0.51	1.86	1121.97	1650.94
4249.000	49.00	0.00	0.00	593.00	1730.00	610.34	0.00	610.37	0.29	1.78	1771.53	3223.16
4749.000	500.00	0.00	0.00	593.70	660.00	601.31	0.00	601.47	4.83	3.27	286.97	300.22
4749.000	500.00	0.00	0.00	593.70	995.00	604.41	0.00	604.43	0.65	1.67	1618.25	1237.90
4749.000	500.00	0.00	0.00	593.70	1180.00	605.65	0.00	605.66	0.40	1.44	2244.25	1871.09
4749.000	500.00	0.00	0.00	593.70	1730.00	610.38	0.00	610.39	0.11	0.99	4637.34	5322.46
4798.000	49.00	0.00	0.00	494.50	660.00	601.48	0.00	601.52	5.74	1.75	376.89	275.41
4798.000	49.00	0.00	0.00	494.50	995.00	604.41	0.00	604.44	2.96	1.50	1050.69	578.67
4798.000	49.00	0.00	0.00	494.50	1180.00	605.65	0.00	605.67	1.55	1.17	1645.33	946.80
4798.000	49.00	0.00	0.00	494.50	1730.00	610.38	0.00	610.39	0.27	0.60	3916.34	3341.53
4855.000	57.00	603.00	600.70	494.50	660.00	601.95	0.00	601.99	4.90	1.67	396.11	298.12
4855.000	57.00	603.00	600.70	494.50	995.00	604.43	0.00	604.46	3.01	1.52	1021.23	573.18
4855.000	57.00	603.00	600.70	494.50	1180.00	605.68	0.00	605.69	1.62	1.19	1585.61	928.03
4855.000	57.00	603.00	600.70	494.50	1730.00	610.42	0.00	610.42	0.30	0.63	3715.36	3183.77
4904.000	49.00	0.00	0.00	593.70	660.00	601.93	0.00	602.02	2.63	2.62	498.43	407.02
4904.000	49.00	0.00	0.00	593.70	995.00	604.44	0.00	604.47	0.70	1.74	1477.06	1193.38
4904.000	49.00	0.00	0.00	593.70	1180.00	605.68	0.00	605.70	0.45	1.54	2004.15	1765.82
4904.000	49.00	0.00	0.00	593.70	1730.00	610.41	0.00	610.42	0.13	1.09	4014.31	4816.86

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
5604.000	700.00	0.00	0.00	594.90	660.00	602.12	0.00	602.37	8.12	4.21	218.76	231.65
5604.000	700.00	0.00	0.00	594.90	995.00	604.42	0.00	604.62	4.30	3.93	391.24	479.97
5604.000	700.00	0.00	0.00	594.90	1180.00	605.63	0.00	605.82	3.41	3.88	482.00	638.77
5604.000	700.00	0.00	0.00	594.90	1730.00	610.34	0.00	610.48	1.52	3.46	835.41	1404.73
5668.000	64.00	0.00	0.00	595.30	660.00	602.15	0.00	602.40	3.70	4.01	164.77	342.92
5668.000	64.00	0.00	0.00	595.30	995.00	604.42	0.00	604.65	2.11	3.82	260.23	685.18
5668.000	64.00	0.00	0.00	595.30	1180.00	605.63	0.00	605.85	1.75	3.80	310.83	892.76
5668.000	64.00	0.00	0.00	595.30	1730.00	610.34	0.00	610.50	0.85	3.30	810.93	1873.87
5684.000	16.00	610.60	607.60	595.30	660.00	602.18	0.00	602.42	3.64	3.98	165.80	346.13
5684.000	16.00	610.60	607.60	595.30	995.00	604.44	0.00	604.67	2.10	3.82	260.65	686.83
5684.000	16.00	610.60	607.60	595.30	1180.00	605.64	0.00	605.86	1.74	3.79	311.08	893.83
5684.000	16.00	610.60	607.60	595.30	1730.00	610.49	0.00	610.64	0.81	3.23	887.10	1920.55
5733.000	49.00	0.00	0.00	594.90	660.00	602.22	0.00	602.44	2.84	4.01	314.12	391.49
5733.000	49.00	0.00	0.00	594.90	995.00	604.54	0.00	604.68	1.35	3.54	642.47	854.99
5733.000	49.00	0.00	0.00	594.90	1180.00	605.75	0.00	605.88	1.03	3.42	814.90	1160.29
5733.000	49.00	0.00	0.00	594.90	1730.00	610.57	0.00	610.65	0.41	2.87	1499.58	2717.68
5833.000	100.00	0.00	0.00	595.50	660.00	602.20	0.00	602.50	4.31	4.39	153.74	317.99
5833.000	100.00	0.00	0.00	595.50	995.00	604.57	0.00	604.70	1.37	3.21	819.33	850.22
5833.000	100.00	0.00	0.00	595.50	1180.00	605.81	0.00	605.89	0.79	2.75	1243.49	1326.89
5833.000	100.00	0.00	0.00	595.50	1730.00	610.63	0.00	610.66	0.18	1.85	2892.08	4041.26
5882.000	49.00	0.00	0.00	596.50	660.00	602.50	0.00	602.58	2.38	2.28	315.90	427.79
5882.000	49.00	0.00	0.00	596.50	995.00	604.69	0.00	604.73	0.90	1.77	1085.29	1047.95
5882.000	49.00	0.00	0.00	596.50	1180.00	605.89	0.00	605.91	0.53	1.52	1590.70	1620.46
5882.000	49.00	0.00	0.00	596.50	1730.00	610.66	0.00	610.67	0.12	0.99	3604.13	5010.47
5984.000	102.00	602.90	600.20	596.50	660.00	603.29	0.00	603.31	0.59	1.22	992.30	862.10
5984.000	102.00	602.90	600.20	596.50	995.00	604.76	0.00	604.78	0.39	1.17	1869.04	1596.40
5984.000	102.00	602.90	600.20	596.50	1180.00	605.96	0.00	605.97	0.24	1.03	2604.02	2419.96
5984.000	102.00	602.90	600.20	596.50	1730.00	610.73	0.00	610.73	0.06	0.69	5535.03	7222.54
6033.000	49.00	0.00	0.00	595.50	660.00	603.21	0.00	603.35	4.55	3.13	384.93	309.27
6033.000	49.00	0.00	0.00	595.50	995.00	604.75	0.00	604.79	1.44	2.11	1279.46	830.59
6033.000	49.00	0.00	0.00	595.50	1180.00	605.95	0.00	605.97	0.64	1.58	1987.73	1469.86
6033.000	49.00	0.00	0.00	595.50	1730.00	610.73	0.00	610.73	0.10	0.86	4801.74	5482.10
6533.000	500.00	0.00	0.00	595.20	660.00	603.44	0.00	603.48	1.47	2.08	785.28	544.87
6533.000	500.00	0.00	0.00	595.20	995.00	604.82	0.00	604.85	0.99	1.95	1255.17	1000.46
6533.000	500.00	0.00	0.00	595.20	1180.00	605.98	0.00	606.00	0.64	1.72	1648.08	1475.14
6533.000	500.00	0.00	0.00	595.20	1730.00	610.73	0.00	610.74	0.17	1.20	3265.49	4165.01
6582.000	49.00	0.00	0.00	595.20	660.00	603.31	0.00	603.63	10.01	4.53	163.42	208.63
6582.000	49.00	0.00	0.00	595.20	995.00	604.74	0.00	604.95	6.33	4.15	475.86	380.73
6582.000	49.00	0.00	0.00	595.20	1180.00	605.95	0.00	606.05	2.99	3.12	858.31	682.29
6582.000	49.00	0.00	0.00	595.20	1730.00	610.73	0.00	610.75	0.40	1.62	2364.31	2723.45

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
6690.000	108.00	604.50	601.60	595.20	660.00	603.31	0.00	603.63	10.12	4.55	153.35	207.52
6690.000	108.00	604.50	601.60	595.20	995.00	604.66	0.00	604.95	8.58	4.61	368.89	339.61
6690.000	108.00	604.50	601.60	595.20	1180.00	605.91	0.00	606.05	3.91	3.56	692.61	596.51
6690.000	108.00	604.50	601.60	595.20	1730.00	610.75	0.00	610.78	0.55	1.89	1951.81	2339.19
6739.000	49.00	0.00	0.00	595.20	660.00	603.63	0.00	603.67	1.55	2.18	664.99	530.48
6739.000	49.00	0.00	0.00	595.20	995.00	604.94	0.00	604.99	1.29	2.25	976.03	875.44
6739.000	49.00	0.00	0.00	595.20	1180.00	606.03	0.00	606.06	0.94	2.10	1232.16	1215.35
6739.000	49.00	0.00	0.00	595.20	1730.00	610.76	0.00	610.78	0.30	1.57	2348.27	3184.66
7439.000	300.00	0.00	0.00	595.70	660.00	603.47	0.00	603.90	16.84	5.24	126.05	160.84
7439.000	300.00	0.00	0.00	595.70	995.00	604.69	0.00	605.23	17.48	5.95	184.71	237.99
7439.000	300.00	0.00	0.00	595.70	1180.00	605.81	0.00	606.26	11.97	5.52	258.69	341.06
7439.000	300.00	0.00	0.00	595.70	1730.00	610.66	0.00	610.85	2.60	3.83	646.91	1073.25
7488.000	49.00	0.00	0.00	597.30	660.00	603.92	0.00	604.02	2.59	2.57	257.02	410.22
7488.000	49.00	0.00	0.00	597.30	995.00	605.23	0.00	605.38	3.10	3.10	321.10	565.18
7488.000	49.00	0.00	0.00	597.30	1180.00	606.21	0.00	606.37	2.87	3.18	371.63	696.01
7488.000	49.00	0.00	0.00	597.30	1730.00	610.88	0.00	610.91	0.42	1.65	2383.96	2662.88
7580.000	92.00	607.50	602.20	597.30	660.00	604.85	0.00	604.93	1.62	2.18	302.17	518.05
7580.000	92.00	607.60	602.20	597.30	995.00	607.45	0.00	607.53	1.28	2.27	448.23	879.61
7580.000	92.00	607.50	602.20	597.30	1180.00	608.65	0.00	608.72	1.06	2.25	664.86	1148.39
7580.000	92.00	607.50	602.20	597.30	1730.00	611.78	0.00	611.83	0.57	2.02	1404.37	2286.13
7629.000	49.00	0.00	0.00	595.70	660.00	604.76	0.00	604.99	7.39	3.89	194.70	242.73
7629.000	49.00	0.00	0.00	595.70	995.00	607.44	0.00	607.54	2.31	2.86	673.30	654.59
7629.000	49.00	0.00	0.00	595.70	1180.00	608.67	0.00	608.73	1.45	2.50	966.13	980.05
7629.000	49.00	0.00	0.00	595.70	1730.00	611.80	0.00	611.84	0.67	2.07	1727.91	2120.62
8001.000	372.00	0.00	0.00	596.00	660.00	605.04	0.00	605.19	3.81	3.13	210.72	338.02
8001.000	372.00	0.00	0.00	596.00	995.00	607.50	0.00	607.65	2.85	3.21	323.85	589.54
8001.000	372.00	0.00	0.00	596.00	1180.00	608.67	0.00	608.82	2.41	3.19	460.24	759.52
8001.000	372.00	0.00	0.00	596.00	1730.00	611.82	0.00	611.86	0.63	2.02	2448.79	2172.79
8050.000	49.00	0.00	0.00	596.20	660.00	605.14	0.00	605.22	1.96	2.27	291.32	471.46
8050.000	49.00	0.00	0.00	596.20	995.00	607.60	0.00	607.69	1.63	2.39	416.18	778.38
8050.000	49.00	0.00	0.00	596.20	1180.00	608.76	0.00	608.85	1.50	2.44	526.84	962.98
8050.000	49.00	0.00	0.00	596.20	1730.00	611.81	0.00	611.88	0.85	2.25	1257.96	1871.33
8163.000	113.00	608.50	602.80	596.20	660.00	605.79	0.00	605.85	1.47	2.05	322.37	543.98
8163.000	113.00	608.50	602.80	596.20	995.00	608.57	0.00	608.64	1.15	2.11	497.19	927.37
8163.000	113.00	608.50	602.80	596.20	1180.00	609.08	0.00	609.16	1.32	2.33	590.79	1028.53
8163.000	113.00	608.50	602.80	596.20	1730.00	611.82	0.00	611.88	0.82	2.21	1335.92	1905.23
8212.000	49.00	0.00	0.00	596.00	660.00	605.76	0.00	605.88	2.74	2.77	238.13	398.82
8212.000	49.00	0.00	0.00	596.00	995.00	608.55	0.00	608.66	1.84	2.76	433.73	733.47
8212.000	49.00	0.00	0.00	596.00	1180.00	609.05	0.00	609.18	2.01	3.00	555.45	832.46
8212.000	49.00	0.00	0.00	596.00	1730.00	611.80	0.00	611.89	1.12	2.69	1259.64	1634.10

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
8537.000	325.00	0.00	0.00	597.60	660.00	605.79	0.00	606.09	10.87	4.41	149.50	200.19
8537.000	325.00	0.00	0.00	597.60	995.00	608.57	0.00	608.79	5.66	3.88	294.67	418.38
8537.000	325.00	0.00	0.00	597.60	1180.00	609.07	0.00	609.32	6.01	4.15	360.45	481.49
8537.000	325.00	0.00	0.00	597.60	1730.00	611.86	0.00	611.94	1.63	2.74	1817.12	1356.52
8586.000	49.00	0.00	0.00	598.20	660.00	606.08	0.00	606.18	2.37	2.43	271.67	428.48
8586.000	49.00	0.00	0.00	598.20	995.00	608.76	0.00	608.85	1.66	2.41	421.91	772.40
8586.000	49.00	0.00	0.00	598.20	1180.00	609.28	0.00	609.38	1.84	2.64	520.47	871.05
8586.000	49.00	0.00	0.00	598.20	1730.00	611.87	0.00	611.95	1.09	2.47	1194.11	1654.83
8683.000	97.00	608.60	604.60	598.20	660.00	606.76	0.00	606.83	1.71	2.17	304.83	504.12
8683.000	97.00	608.60	604.60	598.20	995.00	609.45	0.00	609.52	1.19	2.16	570.58	910.28
8683.000	97.00	608.60	604.60	598.20	1180.00	609.72	0.00	609.81	1.45	2.44	652.71	979.20
8683.000	97.00	608.60	604.60	598.20	1730.00	611.87	0.00	611.95	1.04	2.41	1297.39	1696.65
8732.000	49.00	0.00	0.00	597.60	660.00	606.67	0.00	606.88	6.72	3.68	179.36	254.57
8732.000	49.00	0.00	0.00	597.60	995.00	609.40	0.00	609.55	3.46	3.26	426.43	534.58
8732.000	49.00	0.00	0.00	597.60	1180.00	609.66	0.00	609.85	4.09	3.63	497.37	583.22
8732.000	49.00	0.00	0.00	597.60	1730.00	611.88	0.00	611.95	1.61	2.73	1828.40	1364.28
9057.000	325.00	0.00	0.00	597.80	660.00	606.92	0.00	606.97	1.06	1.91	420.73	640.84
9057.000	325.00	0.00	0.00	597.80	995.00	609.57	0.00	609.60	0.52	1.67	1207.91	1381.09
9057.000	325.00	0.00	0.00	597.80	1180.00	609.87	0.00	609.91	0.62	1.87	1326.67	1500.07
9057.000	325.00	0.00	0.00	597.80	1730.00	611.95	0.00	611.98	0.45	1.82	2368.71	2566.15
9106.000	49.00	0.00	0.00	598.50	660.00	606.93	0.00	606.98	1.44	1.96	580.83	549.81
9106.000	49.00	0.00	0.00	598.50	995.00	609.59	0.00	609.61	0.50	1.43	1597.27	1411.15
9106.000	49.00	0.00	0.00	598.50	1180.00	609.89	0.00	609.92	0.58	1.58	1744.22	1551.53
9106.000	49.00	0.00	0.00	598.50	1730.00	611.97	0.00	611.99	0.40	1.52	2761.17	2723.80
9201.000	95.00	607.40	604.60	598.50	660.00	606.96	0.00	607.01	1.45	1.96	560.32	548.90
9201.000	95.00	607.40	604.60	598.50	995.00	609.62	0.00	609.64	0.52	1.47	1520.31	1380.61
9201.000	95.00	607.40	604.60	598.50	1180.00	609.93	0.00	609.95	0.60	1.62	1655.80	1517.44
9201.000	95.00	607.40	604.60	598.50	1730.00	612.01	0.00	612.03	0.43	1.58	2572.00	2623.15
9250.000	49.00	0.00	0.00	597.80	660.00	606.96	0.00	607.02	1.04	1.90	424.45	647.30
9250.000	49.00	0.00	0.00	597.80	995.00	609.61	0.00	609.65	0.51	1.66	1226.40	1397.97
9250.000	49.00	0.00	0.00	597.80	1180.00	609.92	0.00	609.96	0.60	1.85	1347.49	1519.73
9250.000	49.00	0.00	0.00	597.80	1730.00	612.00	0.00	612.04	0.46	1.84	2202.96	2550.63
9607.000	357.00	0.00	0.00	598.70	660.00	607.00	0.00	607.08	2.79	2.59	546.03	395.02
9607.000	357.00	0.00	0.00	598.70	995.00	609.65	0.00	609.67	0.50	1.44	2076.31	1401.23
9607.000	357.00	0.00	0.00	598.70	1180.00	609.97	0.00	609.98	0.55	1.55	2315.10	1593.85
9607.000	357.00	0.00	0.00	598.70	1730.00	612.04	0.00	612.05	0.31	1.34	3840.54	3128.36
9676.000	69.00	0.00	0.00	599.00	660.00	607.08	0.00	607.11	0.89	1.64	919.58	698.10
9676.000	69.00	0.00	0.00	599.00	995.00	609.66	0.00	609.67	0.25	1.09	2564.91	2000.64
9676.000	69.00	0.00	0.00	599.00	1180.00	609.98	0.00	609.99	0.28	1.19	2785.68	2219.90
9676.000	69.00	0.00	0.00	599.00	1730.00	612.05	0.00	612.06	0.19	1.14	4237.56	3930.19

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
9676.000	98.00	605.30	603.70	599.00	660.00	607.10	0.00	607.13	0.87	1.63	931.82	706.18
9676.000	98.00	605.30	603.70	599.00	995.00	609.69	0.00	609.70	0.24	1.08	2597.87	2032.64
9676.000	98.00	605.30	603.70	599.00	1180.00	610.01	0.00	610.02	0.27	1.18	2818.91	2253.90
9676.000	98.00	605.30	603.70	599.00	1730.00	612.09	0.00	612.10	0.19	1.12	4277.54	3983.44
9823.000	49.00	0.00	0.00	598.70	660.00	607.08	0.00	607.15	2.49	2.47	606.02	417.85
9823.000	49.00	0.00	0.00	598.70	995.00	609.69	0.00	609.71	0.45	1.36	2227.83	1488.64
9823.000	49.00	0.00	0.00	598.70	1180.00	610.01	0.00	610.03	0.49	1.46	2481.25	1689.18
9823.000	49.00	0.00	0.00	598.70	1730.00	612.10	0.00	612.10	0.27	1.26	4145.74	3335.70
10293.000	470.00	0.00	0.00	599.40	660.00	607.21	0.00	607.30	3.58	2.67	491.65	348.72
10293.000	470.00	0.00	0.00	599.40	995.00	609.71	0.00	609.73	0.66	1.52	1812.90	1228.08
10293.000	470.00	0.00	0.00	599.40	1180.00	610.04	0.00	610.06	0.71	1.63	2019.84	1398.69
10293.000	470.00	0.00	0.00	599.40	1730.00	612.11	0.00	612.12	0.38	1.41	3479.87	2803.95
10342.000	49.00	0.00	0.00	598.80	660.00	607.28	0.00	607.32	1.28	1.91	818.85	583.72
10342.000	49.00	0.00	0.00	598.80	995.00	609.72	0.00	609.74	0.39	1.27	2058.45	1602.06
10342.000	49.00	0.00	0.00	598.80	1180.00	610.05	0.00	610.06	0.44	1.39	2252.07	1783.00
10342.000	49.00	0.00	0.00	598.80	1730.00	612.11	0.00	612.12	0.27	1.27	3862.28	3304.51
10400.000	58.00	607.30	605.30	598.80	660.00	607.28	0.00	607.33	1.27	1.91	822.05	585.47
10400.000	58.00	607.30	605.30	598.80	995.00	609.76	0.00	609.77	0.37	1.26	2085.10	1628.55
10400.000	58.00	607.30	605.30	598.80	1180.00	610.09	0.00	610.10	0.42	1.37	2286.42	1814.29
10400.000	58.00	607.30	605.30	598.80	1730.00	612.15	0.00	612.16	0.27	1.26	3908.62	3352.80
10449.000	49.00	0.00	0.00	599.40	660.00	607.26	0.00	607.35	3.47	2.65	489.19	354.56
10449.000	49.00	0.00	0.00	599.40	995.00	609.76	0.00	609.78	0.66	1.53	1789.97	1226.17
10449.000	49.00	0.00	0.00	599.40	1180.00	610.08	0.00	610.10	0.71	1.64	1993.57	1397.21
10449.000	49.00	0.00	0.00	599.40	1730.00	612.15	0.00	612.17	0.40	1.45	3285.89	2740.71
10754.000	305.00	0.00	0.00	599.20	660.00	607.36	0.00	607.43	1.94	2.31	502.24	473.46
10754.000	305.00	0.00	0.00	599.20	995.00	609.77	0.00	609.80	0.76	1.74	1302.21	1145.11
10754.000	305.00	0.00	0.00	599.20	1180.00	610.10	0.00	610.13	0.85	1.89	1456.13	1281.24
10754.000	305.00	0.00	0.00	599.20	1730.00	612.16	0.00	612.18	0.54	1.77	2425.45	2346.73
10803.000	49.00	0.00	0.00	599.40	660.00	607.34	0.00	607.47	3.53	2.98	221.37	351.41
10803.000	49.00	0.00	0.00	599.40	995.00	609.76	0.00	609.82	1.30	2.20	1052.54	871.28
10803.000	49.00	0.00	0.00	599.40	1180.00	610.09	0.00	610.15	1.42	2.37	1195.03	988.56
10803.000	49.00	0.00	0.00	599.40	1730.00	612.16	0.00	612.19	0.77	2.04	2283.94	1973.25
10871.000	68.00	608.10	605.80	599.40	660.00	607.74	0.00	607.86	2.88	2.77	258.18	388.62
10871.000	68.00	608.10	605.80	599.40	995.00	609.78	0.00	609.83	1.30	2.20	1055.84	873.94
10871.000	68.00	608.10	605.80	599.40	1180.00	610.10	0.00	610.16	1.41	2.36	1199.31	992.15
10871.000	68.00	608.10	605.80	599.40	1730.00	612.19	0.00	612.23	0.75	2.02	2303.96	1992.80
10920.000	49.00	0.00	0.00	599.40	660.00	607.83	0.00	607.87	1.27	1.93	694.77	585.18
10920.000	49.00	0.00	0.00	599.40	995.00	609.81	0.00	609.84	0.66	1.62	1486.17	1228.22
10920.000	49.00	0.00	0.00	599.40	1180.00	610.14	0.00	610.17	0.73	1.75	1666.60	1381.92
10920.000	49.00	0.00	0.00	599.40	1730.00	612.21	0.00	612.23	0.45	1.61	2789.34	2577.30

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
11098.000	178.00	0.00	0.00	599.50	660.00	607.82	0.00	607.92	2.95	2.62	347.67	384.23
11098.000	178.00	0.00	0.00	599.50	995.00	609.82	0.00	609.85	0.92	1.83	1470.06	1038.71
11098.000	178.00	0.00	0.00	599.50	1180.00	610.15	0.00	610.19	0.96	1.94	1694.68	1204.86
11098.000	178.00	0.00	0.00	599.50	1730.00	612.22	0.00	612.24	0.47	1.59	3084.51	2532.79
11147.000	49.00	0.00	0.00	599.90	660.00	607.83	0.00	607.95	3.00	2.82	234.17	381.30
11147.000	49.00	0.00	0.00	599.90	995.00	609.80	0.00	609.89	2.00	2.70	739.90	703.30
11147.000	49.00	0.00	0.00	599.90	1180.00	610.13	0.00	610.23	2.14	2.88	943.14	806.12
11147.000	49.00	0.00	0.00	599.90	1730.00	612.22	0.00	612.25	0.82	2.08	2562.47	1914.94
11205.000	58.00	608.60	605.90	599.90	660.00	608.51	0.00	608.60	2.14	2.50	299.92	451.02
11205.000	58.00	608.60	605.90	599.90	995.00	609.80	0.00	609.89	2.00	2.70	739.95	703.32
11205.000	58.00	608.60	605.90	599.90	1180.00	610.13	0.00	610.23	2.14	2.88	943.23	806.17
11205.000	58.00	608.60	605.90	599.90	1730.00	612.24	0.00	612.27	0.81	2.07	2573.98	1924.95
11254.000	49.00	0.00	0.00	599.50	660.00	608.56	0.00	608.62	1.40	1.98	705.78	557.07
11254.000	49.00	0.00	0.00	599.50	995.00	609.87	0.00	609.91	0.88	1.80	1509.75	1062.62
11254.000	49.00	0.00	0.00	599.50	1180.00	610.21	0.00	610.24	0.91	1.90	1742.59	1234.69
11254.000	49.00	0.00	0.00	599.50	1730.00	612.26	0.00	612.28	0.45	1.57	3150.42	2577.46
11404.000	150.00	0.00	0.00	600.60	660.00	608.51	0.00	608.70	7.69	3.72	380.62	237.93
11404.000	150.00	0.00	0.00	600.60	995.00	609.87	0.00	609.94	2.99	2.76	1022.04	575.35
11404.000	150.00	0.00	0.00	600.60	1180.00	610.21	0.00	610.28	2.87	2.80	1228.74	696.59
11404.000	150.00	0.00	0.00	600.60	1730.00	612.27	0.00	612.29	0.99	1.99	2553.21	1740.36
11453.000	49.00	0.00	0.00	600.20	660.00	608.64	0.00	608.74	3.30	2.87	502.64	363.14
11453.000	49.00	0.00	0.00	600.20	995.00	609.89	0.00	609.95	2.12	2.60	1095.84	684.12
11453.000	49.00	0.00	0.00	600.20	1180.00	610.23	0.00	610.29	2.12	2.69	1302.74	810.16
11453.000	49.00	0.00	0.00	600.20	1730.00	612.27	0.00	612.29	0.87	2.01	2582.00	1858.32
11643.000	190.00	607.00	606.00	600.20	660.00	608.64	0.00	608.74	3.30	2.87	502.56	363.10
11643.000	190.00	607.00	606.00	600.20	995.00	609.89	0.00	609.95	2.09	2.59	1102.68	688.05
11643.000	190.00	607.00	606.00	600.20	1180.00	610.24	0.00	610.29	2.10	2.67	1310.54	815.15
11643.000	190.00	607.00	606.00	600.20	1730.00	612.31	0.00	612.33	0.83	1.97	2719.07	1902.39
11692.000	49.00	0.00	0.00	600.60	660.00	608.63	0.00	608.78	6.55	3.49	430.28	257.86
11692.000	49.00	0.00	0.00	600.60	995.00	609.90	0.00	609.97	2.89	2.72	1040.52	585.68
11692.000	49.00	0.00	0.00	600.60	1180.00	610.25	0.00	610.31	2.77	2.77	1248.57	708.88
11692.000	49.00	0.00	0.00	600.60	1730.00	612.31	0.00	612.34	0.95	1.95	2685.41	1778.57
12692.000	1000.00	0.00	0.00	602.60	660.00	609.26	0.00	609.38	5.47	3.48	486.25	282.29
12692.000	1000.00	0.00	0.00	602.60	995.00	610.23	0.00	610.33	4.32	3.46	798.79	478.87
12692.000	1000.00	0.00	0.00	602.60	1180.00	610.57	0.00	610.66	4.41	3.62	910.76	562.19
12692.000	1000.00	0.00	0.00	602.60	1730.00	612.43	0.00	612.49	2.28	3.07	1535.48	1145.74
12741.000	49.00	0.00	0.00	601.80	660.00	609.24	0.00	609.47	6.25	3.86	171.17	264.06
12741.000	49.00	0.00	0.00	601.80	995.00	610.17	0.00	610.44	6.93	4.45	405.65	377.88
12741.000	49.00	0.00	0.00	601.80	1180.00	610.50	0.00	610.78	7.17	4.67	505.22	440.82
12741.000	49.00	0.00	0.00	601.80	1730.00	612.41	0.00	612.53	3.29	3.70	1075.50	953.38

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
12831.000	90.00	609.40	606.50	601.80	660.00	609.98	0.00	610.12	3.79	3.20	325.34	338.82
12831.000	90.00	609.40	606.50	601.80	995.00	610.15	0.00	610.44	7.43	4.54	371.83	365.09
12831.000	90.00	609.40	606.50	601.80	1180.00	610.47	0.00	610.78	7.98	4.82	454.80	417.80
12831.000	90.00	609.40	606.50	601.80	1730.00	612.39	0.00	612.53	4.06	3.90	949.87	858.17
12880.000	49.00	0.00	0.00	602.60	660.00	610.09	0.00	610.15	2.61	2.65	561.77	408.66
12880.000	49.00	0.00	0.00	602.60	995.00	610.38	0.00	610.49	4.56	3.61	624.24	466.14
12880.000	49.00	0.00	0.00	602.60	1180.00	610.71	0.00	610.83	4.84	3.84	695.73	536.53
12880.000	49.00	0.00	0.00	602.60	1730.00	612.47	0.00	612.56	3.11	3.59	1073.39	981.58
12880.000	0.00	0.00	0.00	602.60	660.00	610.09	0.00	610.15	2.61	2.65	561.75	408.63
12880.000	0.00	0.00	0.00	602.60	995.00	610.38	0.00	610.49	4.56	3.61	624.00	465.91
12880.000	0.00	0.00	0.00	602.60	1180.00	610.71	0.00	610.83	4.84	3.85	695.49	536.28
12880.000	0.00	0.00	0.00	602.60	1730.00	612.47	0.00	612.56	3.11	3.59	1073.38	981.57
12929.000	49.00	0.00	0.00	602.40	660.00	610.06	0.00	610.36	10.68	4.35	152.15	201.98
12929.000	49.00	0.00	0.00	602.40	995.00	610.32	0.00	610.91	20.67	6.17	171.10	218.86
12929.000	49.00	0.00	0.00	602.40	1180.00	610.64	608.61	611.32	23.28	6.70	218.33	244.55
12929.000	49.00	0.00	0.00	602.40	1730.00	612.48	0.00	612.59	4.65	3.63	1329.17	802.37
12986.000	57.00	611.20	609.50	602.40	660.00	610.69	0.00	610.92	7.39	3.79	174.23	242.75
12986.000	57.00	611.20	609.50	602.40	995.00	611.76	0.00	611.99	6.90	4.07	424.48	378.84
12986.000	57.00	611.20	609.50	602.40	1180.00	612.46	0.00	612.62	4.90	3.71	636.23	533.22
12986.000	57.00	611.20	609.50	602.40	1730.00	614.64	0.00	614.71	1.97	2.87	1300.83	1233.83
13035.000	49.00	0.00	0.00	602.60	660.00	610.93	0.00	610.95	0.77	1.57	1124.15	752.57
13035.000	49.00	0.00	0.00	602.60	995.00	612.00	0.00	612.02	0.71	1.66	1558.75	1177.07
13035.000	49.00	0.00	0.00	602.60	1180.00	612.63	0.00	612.65	0.65	1.66	1812.68	1465.24
13035.000	49.00	0.00	0.00	602.60	1730.00	614.71	0.00	614.72	0.44	1.58	2655.19	2610.39
13335.000	300.00	0.00	0.00	602.30	660.00	610.96	0.00	610.98	2.09	1.78	880.26	456.01
13335.000	300.00	0.00	0.00	602.30	995.00	612.03	0.00	612.05	1.18	1.58	1535.02	915.26
13335.000	300.00	0.00	0.00	602.30	1180.00	612.66	0.00	612.67	0.87	1.46	1941.29	1266.92
13335.000	300.00	0.00	0.00	602.30	1730.00	614.73	0.00	614.74	0.38	1.20	3294.89	2797.10
13434.000	99.00	0.00	0.00	601.80	660.00	610.97	0.00	611.00	1.32	1.90	1076.44	574.45
13434.000	99.00	0.00	0.00	601.80	995.00	612.04	0.00	612.06	0.97	1.82	1712.51	1009.27
13434.000	99.00	0.00	0.00	601.80	1180.00	612.66	0.00	612.68	0.79	1.74	2107.47	1326.43
13434.000	99.00	0.00	0.00	601.80	1730.00	614.73	0.00	614.74	0.41	1.48	3520.40	2694.83
13476.000	42.00	609.10	608.20	601.80	660.00	610.99	0.00	611.01	1.30	1.89	1082.75	578.28
13476.000	42.00	609.10	608.20	601.80	995.00	612.06	0.00	612.09	0.95	1.81	1727.94	1021.05
13476.000	42.00	609.10	608.20	601.80	1180.00	612.69	0.00	612.71	0.77	1.72	2132.76	1347.78
13476.000	42.00	609.10	608.20	601.80	1730.00	614.77	0.00	614.78	0.40	1.46	3553.80	2732.03
13575.000	99.00	0.00	0.00	602.30	660.00	611.01	0.00	611.03	1.89	1.70	1047.97	480.33
13575.000	99.00	0.00	0.00	602.30	995.00	612.08	0.00	612.10	1.09	1.53	1811.03	950.96
13575.000	99.00	0.00	0.00	602.30	1180.00	612.71	0.00	612.72	0.80	1.42	2322.54	1316.98
13575.000	99.00	0.00	0.00	602.30	1730.00	614.78	0.00	614.79	0.34	1.14	4165.57	2963.59

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	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
	14475.000	900.00	0.00	0.00	603.20	660.00	611.22	0.00	611.33	5.75	3.53	555.45	275.12
	14475.000	900.00	0.00	0.00	603.20	995.00	612.21	0.00	612.28	3.83	3.21	979.35	508.68
	14475.000	900.00	0.00	0.00	603.20	1180.00	612.80	0.00	612.85	2.76	2.88	1381.55	710.38
	14475.000	900.00	0.00	0.00	603.20	1730.00	614.82	0.00	614.84	0.89	1.92	2995.64	1837.98
	14524.000	49.00	0.00	0.00	602.70	660.00	611.17	0.00	611.45	9.36	4.43	217.81	215.70
	14524.000	49.00	0.00	0.00	602.70	995.00	612.19	0.00	612.35	6.50	3.92	674.05	390.25
	14524.000	49.00	0.00	0.00	602.70	1180.00	612.81	0.00	612.88	3.47	3.06	1170.23	633.36
	14524.000	49.00	0.00	0.00	602.70	1730.00	614.83	0.00	614.84	0.78	1.74	2782.67	1956.24
	14652.000	128.00	612.20	610.70	602.70	660.00	611.32	0.00	611.56	8.23	4.19	247.64	230.07
	14652.000	128.00	612.20	610.70	602.70	995.00	612.19	0.00	612.35	6.49	3.92	675.15	390.67
	14652.000	128.00	612.20	610.70	602.70	1180.00	612.80	0.00	612.88	3.50	3.07	1165.76	630.76
	14652.000	128.00	612.20	610.70	602.70	1730.00	614.87	0.00	614.88	0.75	1.71	2822.62	1997.70
	14701.000	49.00	0.00	0.00	603.20	660.00	611.53	0.00	611.61	3.72	2.94	679.97	342.19
	14701.000	49.00	0.00	0.00	603.20	995.00	612.32	0.00	612.38	3.33	3.03	1036.91	545.17
	14701.000	49.00	0.00	0.00	603.20	1180.00	612.85	0.00	612.90	2.54	2.78	1419.19	741.03
	14701.000	49.00	0.00	0.00	603.20	1730.00	614.87	0.00	614.89	0.78	1.82	3044.08	1954.09
	15601.000	900.00	0.00	0.00	604.30	660.00	611.91	0.00	612.27	13.80	5.03	213.62	177.66
	15601.000	900.00	0.00	0.00	604.30	995.00	612.67	0.00	612.96	12.02	5.13	471.89	287.01
	15601.000	900.00	0.00	0.00	604.30	1180.00	613.13	0.00	613.34	9.40	4.77	667.46	384.96
	15601.000	900.00	0.00	0.00	604.30	1730.00	614.96	0.00	615.01	2.52	2.94	1864.97	1090.81
	15750.000	149.00	0.00	0.00	605.30	660.00	612.31	0.00	612.45	5.18	3.26	315.24	289.86
	15750.000	149.00	0.00	0.00	605.30	995.00	612.93	0.00	613.12	6.26	3.91	463.80	397.71
	15750.000	149.00	0.00	0.00	605.30	1180.00	613.27	0.00	613.46	6.25	4.08	573.83	472.06
	15750.000	149.00	0.00	0.00	605.30	1730.00	614.99	0.00	615.06	2.31	2.99	1590.88	1138.20
	15800.000	50.00	614.70	612.70	605.30	660.00	611.53	610.35	613.37	109.19	10.90	60.53	63.16
	15800.000	50.00	614.70	612.70	605.30	995.00	614.57	0.00	614.61	1.16	2.03	1300.44	925.18
	15800.000	50.00	614.70	612.70	605.30	1180.00	614.69	0.00	614.74	1.44	2.29	1384.15	983.51
	15800.000	50.00	614.70	612.70	605.30	1730.00	615.16	0.00	615.22	1.97	2.80	1708.27	1232.46
	15849.000	49.00	0.00	0.00	604.30	660.00	613.54	0.00	613.58	1.95	2.27	868.97	472.98
	15849.000	49.00	0.00	0.00	604.30	995.00	614.59	0.00	614.62	1.40	2.13	1523.21	839.90
	15849.000	49.00	0.00	0.00	604.30	1180.00	614.71	0.00	614.75	1.74	2.39	1619.39	894.41
	15849.000	49.00	0.00	0.00	604.30	1730.00	615.18	0.00	615.23	2.36	2.90	1988.73	1126.54
	17575.000	1726.00	0.00	0.00	607.80	660.00	614.15	0.00	614.19	8.06	2.66	721.84	232.54
	17575.000	1726.00	0.00	0.00	607.80	995.00	614.98	0.00	615.00	3.99	2.13	1299.01	498.38
	17575.000	1726.00	0.00	0.00	607.80	1180.00	615.17	0.00	615.19	4.21	2.24	1440.02	575.28
	17575.000	1726.00	0.00	0.00	607.80	1730.00	615.74	0.00	615.77	4.28	2.43	1875.30	836.63
*	17710.000	135.00	0.00	0.00	608.20	660.00	614.37	614.37	614.89	50.64	6.38	204.57	92.75
	17710.000	135.00	0.00	0.00	608.20	995.00	615.05	0.00	615.30	29.55	5.38	526.37	183.05
	17710.000	135.00	0.00	0.00	608.20	1180.00	615.25	0.00	615.46	27.14	5.31	661.08	226.49
	17710.000	135.00	0.00	0.00	608.20	1730.00	615.83	0.00	615.96	19.13	4.82	1078.38	395.49

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
17850.000	140.00	0.00	0.00	608.10	660.00	615.03	613.22	615.47	33.83	5.61	209.57	113.48
17850.000	140.00	0.00	0.00	608.10	995.00	615.47	615.34	615.91	36.54	6.23	382.72	164.61
17850.000	140.00	0.00	0.00	608.10	1180.00	615.65	615.57	616.07	36.89	6.43	475.71	194.27
17850.000	140.00	0.00	0.00	608.10	1730.00	616.13	0.00	616.46	32.63	6.45	777.52	302.83
18100.000	250.00	0.00	0.00	608.40	660.00	615.85	0.00	616.01	13.93	3.89	421.85	176.85
18100.000	250.00	0.00	0.00	608.40	995.00	616.32	0.00	616.46	13.54	4.09	672.52	270.41
18100.000	250.00	0.00	0.00	608.40	1180.00	616.50	0.00	616.64	14.15	4.28	772.90	313.71
18100.000	250.00	0.00	0.00	608.40	1730.00	616.89	0.00	617.05	16.61	4.86	1000.52	424.44
18575.000	475.00	0.00	0.00	608.90	660.00	616.65	0.00	616.99	22.93	5.01	214.83	137.82
18575.000	475.00	0.00	0.00	608.90	995.00	617.16	0.00	617.57	27.90	5.89	351.68	188.37
18575.000	475.00	0.00	0.00	608.90	1180.00	617.38	0.00	617.80	29.44	6.21	424.06	217.47
18575.000	475.00	0.00	0.00	608.90	1730.00	617.89	0.00	618.33	31.83	6.85	638.51	306.63
18624.000	49.00	0.00	0.00	609.10	660.00	617.09	0.00	617.10	1.20	1.77	977.51	601.71
18624.000	49.00	0.00	0.00	609.10	995.00	617.68	0.00	617.71	1.66	2.18	1216.32	772.38
18624.000	49.00	0.00	0.00	609.10	1180.00	617.92	0.00	617.95	1.93	2.39	1320.95	850.28
18624.000	49.00	0.00	0.00	609.10	1730.00	618.44	0.00	618.48	2.74	2.97	1590.35	1044.20
18704.000	80.00	618.50	616.40	609.10	660.00	618.15	0.00	618.15	0.50	1.24	1432.56	933.01
18704.000	80.00	618.50	616.40	609.10	995.00	618.11	0.00	618.13	1.17	1.89	1413.92	919.20
18704.000	80.00	618.50	616.40	609.10	1180.00	618.30	0.00	618.32	1.43	2.12	1507.30	987.61
18704.000	80.00	618.50	616.40	609.10	1730.00	618.71	0.00	618.75	2.21	2.72	1775.42	1163.81
18753.000	49.00	0.00	0.00	608.90	660.00	618.11	0.00	618.18	2.57	2.58	748.82	411.66
18753.000	49.00	0.00	0.00	608.90	995.00	618.02	0.00	618.18	6.58	4.09	698.94	388.03
18753.000	49.00	0.00	0.00	608.90	1180.00	618.20	0.00	618.38	7.34	4.41	797.40	435.66
18753.000	49.00	0.00	0.00	608.90	1730.00	618.60	0.00	618.83	9.87	5.32	1006.47	550.63
19003.000	250.00	0.00	0.00	609.70	660.00	618.14	0.00	618.27	3.25	3.11	412.02	366.20
19003.000	250.00	0.00	0.00	609.70	995.00	618.11	0.00	618.39	7.61	4.74	401.79	360.57
19003.000	250.00	0.00	0.00	609.70	1180.00	618.29	0.00	618.64	9.22	5.32	457.52	388.61
19003.000	250.00	0.00	0.00	609.70	1730.00	618.69	0.00	619.20	13.72	6.75	620.99	467.08
19077.000	74.00	0.00	0.00	609.50	660.00	618.30	0.00	618.31	0.36	1.02	1544.88	1104.80
19077.000	74.00	0.00	0.00	609.50	995.00	618.47	0.00	618.49	0.70	1.46	1626.34	1187.66
19077.000	74.00	0.00	0.00	609.50	1180.00	618.74	0.00	618.75	0.80	1.61	1748.09	1316.76
19077.000	74.00	0.00	0.00	609.50	1730.00	619.35	0.00	619.37	1.11	2.01	2032.49	1641.74
19235.000	158.00	617.20	617.00	609.50	660.00	618.37	0.00	618.37	0.34	1.00	1602.15	1138.46
19235.000	158.00	617.20	617.00	609.50	995.00	618.57	0.00	618.58	0.65	1.42	1710.27	1235.77
19235.000	158.00	617.20	617.00	609.50	1180.00	618.83	0.00	618.84	0.74	1.56	1859.34	1371.25
19235.000	158.00	617.20	617.00	609.50	1730.00	619.43	0.00	619.45	0.99	1.92	2265.04	1735.20
19384.000	149.00	0.00	0.00	610.10	660.00	618.28	0.00	618.48	11.28	3.85	313.32	196.50
19384.000	149.00	0.00	0.00	610.10	995.00	618.41	616.20	618.79	21.73	5.44	369.73	213.46
19384.000	149.00	0.00	0.00	610.10	1180.00	618.69	0.00	619.04	20.43	5.46	511.05	261.07
19384.000	149.00	0.00	0.00	610.10	1730.00	619.35	0.00	619.61	16.88	5.35	895.44	421.02

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
19433.000	49.00	0.00	0.00	609.10	660.00	618.27	615.01	618.66	23.97	5.16	183.49	134.82
19433.000	49.00	0.00	0.00	609.10	995.00	618.35	616.33	619.15	49.30	7.46	211.61	141.71
19433.000	49.00	0.00	0.00	609.10	1180.00	618.71	616.93	619.29	40.69	6.98	365.97	184.98
19433.000	49.00	0.00	0.00	609.10	1730.00	619.44	0.00	619.73	26.00	5.90	704.03	339.27
19677.000	244.00	618.00	617.20	609.10	660.00	619.17	0.00	619.20	3.69	2.18	821.19	343.63
19677.000	244.00	618.00	617.20	609.10	995.00	619.52	0.00	619.56	4.41	2.44	1081.35	473.70
19677.000	244.00	618.00	617.20	609.10	1180.00	619.72	0.00	619.76	4.49	2.50	1231.44	557.06
19677.000	244.00	618.00	617.20	609.10	1730.00	620.20	0.00	620.23	4.81	2.67	1605.16	789.15
19776.000	99.00	0.00	0.00	610.10	660.00	619.16	0.00	619.25	2.86	2.80	591.18	390.05
19776.000	99.00	0.00	0.00	610.10	995.00	619.50	0.00	619.63	4.38	3.59	787.29	475.64
19776.000	99.00	0.00	0.00	610.10	1180.00	619.69	0.00	619.84	4.90	3.87	912.94	532.94
19776.000	99.00	0.00	0.00	610.10	1730.00	620.15	0.00	620.33	6.13	4.54	1242.99	698.48
19876.000	100.00	0.00	0.00	610.70	660.00	619.14	0.00	619.31	4.17	3.51	368.95	323.18
19876.000	100.00	0.00	0.00	610.70	995.00	619.46	0.00	619.73	6.87	4.65	518.36	379.69
19876.000	100.00	0.00	0.00	610.70	1180.00	619.64	0.00	619.95	7.87	5.07	621.22	420.59
19876.000	100.00	0.00	0.00	610.70	1730.00	620.09	0.00	620.46	10.07	5.98	897.83	545.12
19925.000	49.00	0.00	0.00	610.50	660.00	619.34	0.00	619.36	0.64	1.53	1178.95	825.13
19925.000	49.00	0.00	0.00	610.50	995.00	619.78	0.00	619.81	1.02	2.02	1385.59	983.13
19925.000	49.00	0.00	0.00	610.50	1180.00	620.01	0.00	620.04	1.22	2.25	1495.87	1069.70
19925.000	49.00	0.00	0.00	610.50	1730.00	620.52	0.00	620.58	1.80	2.85	1769.69	1290.90
20033.000	108.00	618.80	618.50	610.50	660.00	619.88	0.00	619.89	0.42	1.30	1434.50	1021.34
20033.000	108.00	618.80	618.50	610.50	995.00	620.19	0.00	620.21	0.75	1.80	1591.07	1145.59
20033.000	108.00	618.80	618.50	610.50	1180.00	620.33	0.00	620.36	0.96	2.05	1666.66	1206.60
20033.000	108.00	618.80	618.50	610.50	1730.00	620.73	0.00	620.78	1.55	2.70	1885.09	1389.11
20082.000	49.00	0.00	0.00	610.70	660.00	619.82	0.00	619.92	2.59	2.84	562.69	410.32
20082.000	49.00	0.00	0.00	610.70	995.00	620.10	0.00	620.26	4.43	3.81	691.81	472.71
20082.000	49.00	0.00	0.00	610.70	1180.00	620.23	0.00	620.42	5.49	4.30	751.95	503.43
20082.000	49.00	0.00	0.00	610.70	1730.00	620.58	0.00	620.87	8.27	5.44	933.59	601.50
20232.000	150.00	0.00	0.00	611.30	660.00	619.83	0.00	619.99	5.61	3.47	362.71	278.59
20232.000	150.00	0.00	0.00	611.30	995.00	620.12	0.00	620.39	9.09	4.59	484.27	330.05
20232.000	150.00	0.00	0.00	611.30	1180.00	620.26	0.00	620.57	10.89	5.11	543.41	357.61
20232.000	150.00	0.00	0.00	611.30	1730.00	620.65	0.00	621.07	14.84	6.25	723.30	449.03
20281.000	49.00	0.00	0.00	611.10	660.00	620.02	0.00	620.05	1.19	2.12	983.26	605.04
20281.000	49.00	0.00	0.00	611.10	995.00	620.44	0.00	620.47	1.70	2.61	1204.77	762.83
20281.000	49.00	0.00	0.00	611.10	1180.00	620.64	0.00	620.67	1.94	2.84	1311.72	846.15
20281.000	49.00	0.00	0.00	611.10	1730.00	621.16	0.00	621.21	2.51	3.35	1600.74	1092.09
20385.000	104.00	619.40	619.20	611.10	660.00	620.19	0.00	620.21	0.97	1.94	1077.02	669.27
20385.000	104.00	619.40	619.20	611.10	995.00	620.55	0.00	620.58	1.51	2.48	1266.25	810.19
20385.000	104.00	619.40	619.20	611.10	1180.00	620.74	0.00	620.78	1.75	2.71	1368.64	892.26
20385.000	104.00	619.40	619.20	611.10	1730.00	621.26	0.00	621.30	2.31	3.23	1650.82	1137.57

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
20434.000	49.00	0.00	0.00	611.30	660.00	620.14	0.00	620.24	3.63	2.90	467.02	346.64
20434.000	49.00	0.00	0.00	611.30	995.00	620.49	0.00	620.63	5.31	3.66	620.59	431.80
20434.000	49.00	0.00	0.00	611.30	1180.00	620.67	0.00	620.83	5.92	3.96	709.86	484.78
20434.000	49.00	0.00	0.00	611.30	1730.00	621.18	0.00	621.36	6.84	4.50	984.56	661.27
21554.000	1120.00	0.00	0.00	613.80	660.00	620.71	0.00	620.78	6.62	2.90	555.72	256.60
21554.000	1120.00	0.00	0.00	613.80	995.00	621.23	0.00	621.30	6.66	3.12	896.41	385.56
21554.000	1120.00	0.00	0.00	613.80	1180.00	621.47	0.00	621.53	6.57	3.18	1066.08	460.24
21554.000	1120.00	0.00	0.00	613.80	1730.00	622.05	0.00	622.11	6.42	3.36	1498.21	682.97
21653.000	99.00	0.00	0.00	611.40	660.00	620.81	0.00	620.81	0.38	0.86	1717.22	1070.70
21653.000	99.00	0.00	0.00	611.40	995.00	621.33	0.00	621.33	0.52	1.06	2217.50	1383.78
21653.000	99.00	0.00	0.00	611.40	1180.00	621.56	0.00	621.57	0.58	1.15	2451.00	1548.99
21653.000	99.00	0.00	0.00	611.40	1730.00	622.13	0.00	622.14	0.74	1.37	3023.61	2006.97
21670.000	17.00	620.80	619.70	611.40	660.00	621.04	0.00	621.04	0.30	0.79	1935.38	1202.97
21670.000	17.00	620.80	619.70	611.40	995.00	621.39	0.00	621.39	0.48	1.03	2284.93	1430.11
21670.000	17.00	620.80	619.70	611.40	1180.00	621.61	0.00	621.62	0.55	1.12	2510.58	1593.23
21670.000	17.00	620.80	619.70	611.40	1730.00	622.19	0.00	622.20	0.70	1.34	3088.89	2063.64
21719.000	49.00	0.00	0.00	613.30	660.00	621.04	0.00	621.06	1.50	1.54	1141.00	538.43
21719.000	49.00	0.00	0.00	613.30	995.00	621.39	0.00	621.41	2.04	1.86	1434.76	696.97
21719.000	49.00	0.00	0.00	613.30	1180.00	621.61	0.00	621.63	2.10	1.93	1636.93	814.92
21719.000	49.00	0.00	0.00	613.30	1730.00	622.19	0.00	622.21	2.18	2.09	2179.62	1171.26
22670.000	1000.00	0.00	0.00	615.20	660.00	621.24	0.00	621.52	23.38	4.79	268.94	136.50
22670.000	1000.00	0.00	0.00	615.20	995.00	621.68	0.00	622.01	27.94	5.61	388.53	188.26
22670.000	1000.00	0.00	0.00	615.20	1180.00	621.92	0.00	622.24	27.57	5.77	476.52	224.74
22670.000	1000.00	0.00	0.00	615.20	1730.00	622.54	0.00	622.79	22.87	5.71	839.22	361.76
24069.000	1350.00	0.00	0.00	617.10	660.00	623.54	0.00	623.69	11.63	3.62	407.88	193.53
24069.000	1350.00	0.00	0.00	617.10	995.00	624.11	0.00	624.24	10.80	3.79	665.70	302.74
24069.000	1350.00	0.00	0.00	617.10	1180.00	624.34	0.00	624.47	10.84	3.91	793.72	358.46
24069.000	1350.00	0.00	0.00	617.10	1730.00	624.82	0.00	624.95	11.71	4.32	1147.19	505.58

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10-YEAR FREQU

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	660.00	598.00	0.00	0.00	0.00	99.44	0.00
0.000	995.00	598.50	0.50	0.00	0.00	116.90	0.00
0.000	1180.00	598.60	0.10	0.00	0.00	120.40	0.00
0.000	1730.00	598.80	0.20	0.00	0.00	127.38	0.00
49.000	660.00	598.02	0.00	0.02	0.00	39.91	49.00
49.000	995.00	598.52	0.51	0.02	0.00	204.87	49.00
49.000	1180.00	598.63	0.11	0.03	0.00	220.00	49.00
49.000	1730.00	598.88	0.24	0.08	0.00	220.00	49.00
145.000	660.00	599.64	0.00	1.62	0.00	165.00	96.00
145.000	995.00	600.79	1.15	2.26	0.00	165.00	96.00
145.000	1180.00	601.30	0.51	2.67	0.00	165.00	96.00
145.000	1730.00	602.66	1.37	3.79	0.00	165.00	96.00
194.000	660.00	599.65	0.00	0.01	0.00	157.02	49.00
194.000	995.00	600.80	1.15	0.01	0.00	215.30	49.00
194.000	1180.00	601.31	0.51	0.01	0.00	244.54	49.00
194.000	1730.00	602.69	1.38	0.03	0.00	358.38	49.00
994.000	660.00	599.77	0.00	0.12	0.00	455.00	800.00
994.000	995.00	600.94	1.17	0.15	0.00	455.00	800.00
994.000	1180.00	601.47	0.53	0.16	0.00	455.00	800.00
994.000	1730.00	602.86	1.39	0.17	0.00	455.00	800.00
1043.000	660.00	599.77	0.00	0.00	0.00	430.00	49.00
1043.000	995.00	600.95	1.17	0.00	0.00	430.00	49.00
1043.000	1180.00	601.47	0.53	0.00	0.00	430.00	49.00
1043.000	1730.00	602.86	1.39	0.00	0.00	430.00	49.00
1062.000	660.00	599.79	0.00	0.02	0.00	420.00	19.00
1062.000	995.00	600.97	1.18	0.02	0.00	420.00	19.00
1062.000	1180.00	601.50	0.53	0.02	0.00	420.00	19.00
1062.000	1730.00	602.90	1.40	0.03	0.00	420.00	19.00
1111.000	660.00	599.80	0.00	0.01	0.00	395.00	49.00
1111.000	995.00	600.98	1.18	0.01	0.00	395.00	49.00
1111.000	1180.00	601.50	0.53	0.01	0.00	395.00	49.00
1111.000	1730.00	602.91	1.40	0.01	0.00	395.00	49.00
1112.000	660.00	599.80	0.00	0.00	0.00	395.00	1.00
1112.000	995.00	600.98	1.18	0.00	0.00	395.00	1.00
1112.000	1180.00	601.50	0.53	0.00	0.00	395.00	1.00
1112.000	1730.00	602.91	1.40	0.00	0.00	395.00	1.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1160.000	660.00	599.80	0.00	0.00	0.00	360.20	43.00
1160.000	995.00	600.97	1.18	0.00	0.00	370.00	48.00
1160.000	1180.00	601.50	0.53	0.00	0.00	370.00	48.00
1160.000	1730.00	602.90	1.40	0.00	0.00	370.00	48.00
1173.000	660.00	599.82	0.00	0.02	0.00	361.17	13.00
1173.000	995.00	601.00	1.18	0.03	0.00	370.00	13.00
1173.000	1180.00	601.53	0.53	0.03	0.00	370.00	13.00
1173.000	1730.00	602.93	1.40	0.03	0.00	370.00	13.00
1222.000	660.00	599.84	0.00	0.02	0.00	470.00	49.00
1222.000	995.00	601.02	1.18	0.02	0.00	470.00	49.00
1222.000	1180.00	601.55	0.53	0.02	0.00	470.00	49.00
1222.000	1730.00	602.95	1.41	0.02	0.00	470.00	49.00
1282.000	660.00	599.85	0.00	0.01	0.00	440.00	60.00
1282.000	995.00	601.02	1.18	0.00	0.00	440.00	60.00
1282.000	1180.00	601.55	0.53	0.00	0.00	440.00	60.00
1282.000	1730.00	602.96	1.40	0.00	0.00	440.00	60.00
1331.000	660.00	599.84	0.00	0.00	0.00	414.00	49.00
1331.000	995.00	601.02	1.18	0.00	0.00	414.00	49.00
1331.000	1180.00	601.55	0.53	0.00	0.00	414.00	49.00
1331.000	1730.00	602.95	1.40	0.00	0.00	414.00	49.00
1373.000	660.00	599.85	0.00	0.01	0.00	393.00	42.00
1373.000	995.00	601.03	1.18	0.01	0.00	393.00	42.00
1373.000	1180.00	601.56	0.53	0.01	0.00	393.00	42.00
1373.000	1730.00	602.97	1.41	0.02	0.00	393.00	42.00
1422.000	660.00	599.86	0.00	0.01	0.00	368.00	49.00
1422.000	995.00	601.04	1.18	0.01	0.00	368.00	49.00
1422.000	1180.00	601.57	0.53	0.01	0.00	368.00	49.00
1422.000	1730.00	602.99	1.41	0.01	0.00	368.00	49.00
2022.000	660.00	599.88	0.00	0.02	0.00	69.99	600.00
2022.000	995.00	601.02	1.14	-0.03	0.00	87.00	600.00
2022.000	1180.00	601.53	0.51	-0.04	0.00	87.00	600.00
2022.000	1730.00	602.89	1.36	-0.10	0.00	87.00	600.00
2071.000	660.00	599.99	0.00	0.11	0.00	56.70	49.00
2071.000	995.00	601.16	1.18	0.14	0.00	60.79	49.00
2071.000	1180.00	601.69	0.53	0.16	0.00	62.62	49.00
2071.000	1730.00	603.09	1.40	0.20	0.00	67.48	49.00
2133.000	660.00	600.22	0.00	0.24	0.00	57.52	62.00
2133.000	995.00	601.74	1.52	0.58	0.00	62.80	62.00
2133.000	1180.00	602.52	0.78	0.84	0.00	65.53	62.00
2133.000	1730.00	604.97	2.44	1.88	0.00	72.05	62.00

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	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	2282.000	660.00	600.20	0.00	-0.02	0.00	82.01	149.00
	2282.000	995.00	601.72	1.52	-0.02	0.00	136.62	149.00
	2282.000	1180.00	602.51	0.79	-0.01	0.00	206.00	149.00
	2282.000	1730.00	604.93	2.47	0.02	0.00	206.00	149.00
	2562.000	660.00	600.23	0.00	0.03	0.00	34.20	280.00
	2562.000	995.00	601.72	1.49	0.00	0.00	51.66	280.00
	2562.000	1180.00	602.49	0.77	-0.02	0.00	53.50	280.00
	2562.000	1730.00	604.90	2.41	-0.08	0.00	66.00	280.00
	2611.000	660.00	600.40	0.00	0.16	0.00	37.78	49.00
	2611.000	995.00	601.90	1.51	0.18	0.00	40.54	49.00
	2611.000	1180.00	602.67	0.76	0.18	0.00	41.94	49.00
	2611.000	1730.00	605.01	2.35	0.11	0.00	42.00	49.00
	2613.000	660.00	600.28	0.00	-0.12	0.00	37.57	2.00
	2613.000	995.00	601.59	1.31	-0.32	0.00	39.96	2.00
*	2613.000	1180.00	602.45	0.86	-0.22	0.00	41.54	2.00
*	2613.000	1730.00	605.31	2.87	0.30	0.00	800.00	2.00
	2649.000	660.00	600.37	0.00	0.10	0.00	37.74	36.00
	2649.000	995.00	601.81	1.43	0.22	0.00	40.36	36.00
*	2649.000	1180.00	602.65	0.85	0.20	0.00	41.92	36.00
*	2649.000	1730.00	605.07	2.42	-0.24	0.00	42.00	36.00
	2651.000	660.00	600.65	0.00	0.28	0.00	38.25	2.00
	2651.000	995.00	602.54	1.89	0.73	0.00	41.71	2.00
	2651.000	1180.00	603.13	0.59	0.48	0.00	42.00	2.00
	2651.000	1730.00	605.43	2.29	0.36	0.00	42.00	2.00
	2700.000	660.00	600.60	0.00	-0.05	0.00	36.18	49.00
	2700.000	995.00	602.50	1.90	-0.04	0.00	70.00	49.00
	2700.000	1180.00	603.09	0.60	-0.04	0.00	70.00	49.00
	2700.000	1730.00	605.41	2.32	-0.02	0.00	70.00	49.00
	3800.000	660.00	601.07	0.00	0.47	0.00	70.00	1100.00
	3800.000	995.00	602.93	1.86	0.43	0.00	70.00	1100.00
	3800.000	1180.00	603.55	0.63	0.46	0.00	70.00	1100.00
	3800.000	1730.00	605.81	2.26	0.40	0.00	70.00	1100.00
	3849.000	660.00	601.07	0.00	0.00	0.00	46.00	49.00
	3849.000	995.00	602.92	1.86	-0.01	0.00	46.00	49.00
	3849.000	1180.00	603.55	0.62	-0.01	0.00	46.00	49.00
	3849.000	1730.00	605.80	2.25	-0.02	0.00	46.00	49.00
	3851.000	660.00	601.00	0.00	-0.07	0.00	46.00	2.00
	3851.000	995.00	602.79	1.79	-0.14	0.00	46.00	2.00
	3851.000	1180.00	603.34	0.55	-0.21	0.00	46.00	2.00
	3851.000	1730.00	605.29	1.95	-0.51	0.00	46.00	2.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
3893.000	660.00	601.01	0.00	0.01	0.00	46.00	42.00
3893.000	995.00	602.82	1.81	0.03	0.00	46.00	42.00
3893.000	1180.00	603.39	0.57	0.05	0.00	46.00	42.00
3893.000	1730.00	605.39	2.01	0.10	0.00	46.00	42.00
3895.000	660.00	601.17	0.00	0.16	0.00	46.00	2.00
3895.000	995.00	603.13	1.96	0.31	0.00	46.00	2.00
3895.000	1180.00	603.85	0.72	0.47	0.00	46.00	2.00
3895.000	1730.00	606.54	2.69	1.15	0.00	200.33	2.00
3929.000	660.00	601.17	0.00	0.01	0.00	65.00	34.00
3929.000	995.00	603.14	1.96	0.01	0.00	65.00	34.00
3929.000	1180.00	603.86	0.72	0.01	0.00	65.00	34.00
3929.000	1730.00	606.55	2.68	0.01	0.00	65.00	34.00
3978.000	660.00	601.15	0.00	-0.03	0.00	39.00	49.00
3978.000	995.00	603.11	1.96	-0.03	0.00	39.00	49.00
3978.000	1180.00	603.83	0.72	-0.04	0.00	39.00	49.00
3978.000	1730.00	606.51	2.68	-0.04	0.00	39.00	49.00
4200.000	660.00	601.16	0.00	0.01	0.00	39.00	222.00
4200.000	995.00	604.24	3.09	1.14	0.00	39.00	222.00
4200.000	1180.00	605.47	1.23	1.64	0.00	39.00	222.00
4200.000	1730.00	610.24	4.76	3.73	0.00	240.88	222.00
4249.000	660.00	601.28	0.00	0.12	0.00	137.00	49.00
4249.000	995.00	604.36	3.09	0.12	0.00	137.00	49.00
4249.000	1180.00	605.60	1.24	0.13	0.00	137.00	49.00
4249.000	1730.00	610.34	4.74	0.10	0.00	137.00	49.00
4749.000	660.00	601.31	0.00	0.04	0.00	259.58	500.00
4749.000	995.00	604.41	3.10	0.05	0.00	505.00	500.00
4749.000	1180.00	605.65	1.24	0.05	0.00	505.00	500.00
4749.000	1730.00	610.38	4.73	0.04	0.00	505.00	500.00
4798.000	660.00	601.48	0.00	0.17	0.00	40.34	49.00
4798.000	995.00	604.41	2.93	0.00	0.00	480.00	49.00
4798.000	1180.00	605.65	1.24	0.01	0.00	480.00	49.00
4798.000	1730.00	610.38	4.73	0.00	0.00	480.00	49.00
4855.000	660.00	601.95	0.00	0.47	0.00	41.31	57.00
4855.000	995.00	604.43	2.48	0.02	0.00	450.00	57.00
4855.000	1180.00	605.68	1.25	0.03	0.00	450.00	57.00
4855.000	1730.00	610.42	4.74	0.03	0.00	450.00	57.00
4904.000	660.00	601.93	0.00	-0.02	0.00	359.34	49.00
4904.000	995.00	604.44	2.51	0.01	0.00	425.00	49.00
4904.000	1180.00	605.68	1.24	0.00	0.00	425.00	49.00
4904.000	1730.00	610.41	4.73	0.00	0.00	425.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5604.000	660.00	602.12	0.00	0.19	0.00	75.00	700.00
5604.000	995.00	604.42	2.30	-0.02	0.00	75.00	700.00
5604.000	1180.00	605.63	1.21	-0.05	0.00	75.00	700.00
5604.000	1730.00	610.34	4.71	-0.07	0.00	75.00	700.00
5668.000	660.00	602.15	0.00	0.04	0.00	41.36	64.00
5668.000	995.00	604.42	2.27	0.00	0.00	42.00	64.00
5668.000	1180.00	605.63	1.20	0.00	0.00	42.00	64.00
5668.000	1730.00	610.34	4.71	0.00	0.00	524.53	64.00
5684.000	660.00	602.18	0.00	0.02	0.00	41.41	16.00
5684.000	995.00	604.44	2.26	0.02	0.00	42.00	16.00
5684.000	1180.00	605.64	1.20	0.01	0.00	42.00	16.00
5684.000	1730.00	610.49	4.85	0.15	0.00	558.51	16.00
5733.000	660.00	602.22	0.00	0.04	0.00	142.00	49.00
5733.000	995.00	604.54	2.31	0.10	0.00	142.00	49.00
5733.000	1180.00	605.75	1.21	0.11	0.00	142.00	49.00
5733.000	1730.00	610.57	4.82	0.08	0.00	142.00	49.00
5833.000	660.00	602.20	0.00	-0.02	0.00	68.74	100.00
5833.000	995.00	604.57	2.37	0.04	0.00	342.00	100.00
5833.000	1180.00	605.81	1.24	0.06	0.00	342.00	100.00
5833.000	1730.00	610.63	4.82	0.06	0.00	342.00	100.00
5882.000	660.00	602.50	0.00	0.30	0.00	130.26	49.00
5882.000	995.00	604.69	2.19	0.12	0.00	422.00	49.00
5882.000	1180.00	605.89	1.20	0.08	0.00	422.00	49.00
5882.000	1730.00	610.66	4.77	0.03	0.00	422.00	49.00
5984.000	660.00	603.29	0.00	0.79	0.00	498.51	102.00
5984.000	995.00	604.76	1.47	0.07	0.00	615.00	102.00
5984.000	1180.00	605.96	1.19	0.07	0.00	615.00	102.00
5984.000	1730.00	610.73	4.77	0.07	0.00	615.00	102.00
6033.000	660.00	603.21	0.00	-0.08	0.00	483.91	49.00
6033.000	995.00	604.75	1.54	-0.01	0.00	590.00	49.00
6033.000	1180.00	605.95	1.20	0.00	0.00	590.00	49.00
6033.000	1730.00	610.73	4.78	0.00	0.00	590.00	49.00
6533.000	660.00	603.44	0.00	0.23	0.00	340.00	500.00
6533.000	995.00	604.82	1.38	0.07	0.00	340.00	500.00
6533.000	1180.00	605.98	1.16	0.03	0.00	340.00	500.00
6533.000	1730.00	610.73	4.75	0.00	0.00	340.00	500.00
6582.000	660.00	603.31	0.00	-0.12	0.00	125.75	49.00
6582.000	995.00	604.74	1.42	-0.08	0.00	315.00	49.00
6582.000	1180.00	605.95	1.21	-0.03	0.00	315.00	49.00
6582.000	1730.00	610.73	4.78	0.00	0.00	315.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6690.000	660.00	603.31	0.00	0.00	0.00	78.09	108.00
6690.000	995.00	604.66	1.35	-0.07	0.00	260.00	108.00
6690.000	1180.00	605.91	1.25	-0.04	0.00	260.00	108.00
6690.000	1730.00	610.75	4.84	0.02	0.00	260.00	108.00
6739.000	660.00	603.63	0.00	0.32	0.00	236.00	49.00
6739.000	995.00	604.94	1.32	0.28	0.00	236.00	49.00
6739.000	1180.00	606.03	1.09	0.12	0.00	236.00	49.00
6739.000	1730.00	610.76	4.73	0.01	0.00	236.00	49.00
7439.000	660.00	603.47	0.00	-0.16	0.00	29.21	300.00
7439.000	995.00	604.69	1.22	-0.25	0.00	58.71	300.00
7439.000	1180.00	605.81	1.12	-0.22	0.00	80.00	300.00
7439.000	1730.00	610.66	4.85	-0.10	0.00	80.00	300.00
7488.000	660.00	603.92	0.00	0.45	0.00	47.17	49.00
7488.000	995.00	605.23	1.31	0.54	0.00	50.28	49.00
7488.000	1180.00	606.21	0.98	0.40	0.00	52.60	49.00
7488.000	1730.00	610.88	4.67	0.22	0.00	600.00	49.00
7580.000	660.00	604.85	0.00	0.94	0.00	49.38	92.00
7580.000	995.00	607.45	2.59	2.22	0.00	100.23	92.00
7580.000	1180.00	608.65	1.20	2.43	0.00	236.00	92.00
7580.000	1730.00	611.78	3.13	0.90	0.00	236.00	92.00
7629.000	660.00	604.76	0.00	-0.09	0.00	82.15	49.00
7629.000	995.00	607.44	2.69	0.00	0.00	243.00	49.00
7629.000	1180.00	608.67	1.22	0.02	0.00	243.00	49.00
7629.000	1730.00	611.80	3.13	0.02	0.00	243.00	49.00
8001.000	660.00	605.04	0.00	0.28	0.00	36.83	372.00
8001.000	995.00	607.50	2.46	0.05	0.00	58.79	372.00
8001.000	1180.00	608.67	1.18	0.01	0.00	230.18	372.00
8001.000	1730.00	611.82	3.15	0.02	0.00	900.00	372.00
8050.000	660.00	605.14	0.00	0.11	0.00	47.33	49.00
8050.000	995.00	607.60	2.45	0.10	0.00	54.47	49.00
8050.000	1180.00	608.76	1.16	0.09	0.00	167.49	49.00
8050.000	1730.00	611.91	3.05	-0.01	0.00	255.00	49.00
8163.000	660.00	605.79	0.00	0.64	0.00	49.20	113.00
8163.000	995.00	608.57	2.79	0.98	0.00	177.21	113.00
8163.000	1180.00	609.08	0.50	0.32	0.00	199.89	113.00
8163.000	1730.00	611.82	2.74	0.00	0.00	280.00	113.00
8212.000	660.00	605.76	0.00	-0.03	0.00	39.47	49.00
8212.000	995.00	608.55	2.79	-0.03	0.00	196.94	49.00
8212.000	1180.00	609.05	0.50	-0.03	0.00	255.00	49.00
8212.000	1730.00	611.80	2.75	-0.01	0.00	255.00	49.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8537.000	660.00	605.79	0.00	0.03	0.00	31.95	325.00
8537.000	995.00	608.57	2.78	0.02	0.00	113.80	325.00
8537.000	1180.00	609.07	0.50	0.02	0.00	158.58	325.00
8537.000	1730.00	611.86	2.79	0.06	0.00	800.00	325.00
8586.000	660.00	606.08	0.00	0.30	0.00	48.32	49.00
8586.000	995.00	608.76	2.68	0.19	0.00	126.52	49.00
8586.000	1180.00	609.28	0.52	0.21	0.00	260.00	49.00
8586.000	1730.00	611.87	2.59	0.00	0.00	260.00	49.00
8683.000	660.00	606.76	0.00	0.67	0.00	50.46	97.00
8683.000	995.00	609.45	2.69	0.69	0.00	300.00	97.00
8683.000	1180.00	609.72	0.27	0.44	0.00	300.00	97.00
8683.000	1730.00	611.87	2.15	0.01	0.00	300.00	97.00
8732.000	660.00	606.67	0.00	-0.08	0.00	35.42	49.00
8732.000	995.00	609.40	2.72	-0.05	0.00	239.87	49.00
8732.000	1180.00	609.66	0.26	-0.06	0.00	290.33	49.00
8732.000	1730.00	611.88	2.22	0.01	0.00	800.00	49.00
9057.000	660.00	606.92	0.00	0.24	0.00	116.90	325.00
9057.000	995.00	609.57	2.65	0.17	0.00	387.06	325.00
9057.000	1180.00	609.87	0.30	0.20	0.00	405.60	325.00
9057.000	1730.00	611.95	2.08	0.07	0.00	600.00	325.00
9106.000	660.00	606.93	0.00	0.01	0.00	283.47	49.00
9106.000	995.00	609.59	2.66	0.02	0.00	475.42	49.00
9106.000	1180.00	609.89	0.31	0.03	0.00	490.00	49.00
9106.000	1730.00	611.97	2.08	0.02	0.00	490.00	49.00
9201.000	660.00	606.96	0.00	0.03	0.00	259.26	95.00
9201.000	995.00	609.62	2.66	0.03	0.00	440.00	95.00
9201.000	1180.00	609.93	0.31	0.03	0.00	440.00	95.00
9201.000	1730.00	612.01	2.08	0.04	0.00	440.00	95.00
9250.000	660.00	606.96	0.00	0.01	0.00	116.10	49.00
9250.000	995.00	609.61	2.65	-0.01	0.00	390.14	49.00
9250.000	1180.00	609.92	0.31	-0.01	0.00	410.00	49.00
9250.000	1730.00	612.00	2.08	-0.01	0.00	410.00	49.00
9607.000	660.00	607.00	0.00	0.04	0.00	371.03	357.00
9607.000	995.00	609.65	2.65	0.04	0.00	735.00	357.00
9607.000	1180.00	609.97	0.31	0.05	0.00	735.00	357.00
9607.000	1730.00	612.04	2.08	0.04	0.00	735.00	357.00
9676.000	660.00	607.08	0.00	0.08	0.00	507.73	69.00
9676.000	995.00	609.66	2.59	0.01	0.00	700.00	69.00
9676.000	1180.00	609.93	0.32	0.01	0.00	700.00	69.00
9676.000	1730.00	612.05	2.07	0.00	0.00	700.00	69.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
9676.000	660.00	607.10	0.00	0.02	0.00	510.14	98.00
9676.000	995.00	609.69	2.59	0.03	0.00	700.00	98.00
9676.000	1180.00	610.01	0.32	0.04	0.00	700.00	98.00
9676.000	1730.00	612.09	2.08	0.05	0.00	700.00	98.00
9823.000	660.00	607.08	0.00	-0.02	0.00	409.85	49.00
9823.000	995.00	609.69	2.61	0.00	0.00	777.28	49.00
9823.000	1180.00	610.01	0.32	0.00	0.00	800.00	49.00
9823.000	1730.00	612.10	2.08	0.00	0.00	800.00	49.00
10293.000	660.00	607.21	0.00	0.13	0.00	299.79	470.00
10293.000	995.00	609.71	2.51	0.02	0.00	635.46	470.00
10293.000	1180.00	610.04	0.32	0.02	0.00	651.54	470.00
10293.000	1730.00	612.11	2.07	0.01	0.00	755.32	470.00
10342.000	660.00	607.28	0.00	0.07	0.00	495.87	49.00
10342.000	995.00	609.72	2.45	0.01	0.00	545.87	49.00
10342.000	1180.00	610.05	0.32	0.01	0.00	639.89	49.00
10342.000	1730.00	612.11	2.07	0.00	0.00	855.49	49.00
10400.000	660.00	607.28	0.00	0.01	0.00	496.31	58.00
10400.000	995.00	609.76	2.48	0.04	0.00	548.31	58.00
10400.000	1180.00	610.09	0.33	0.04	0.00	648.77	58.00
10400.000	1730.00	612.15	2.07	0.04	0.00	858.19	58.00
10449.000	660.00	607.26	0.00	-0.02	0.00	284.91	49.00
10449.000	995.00	609.76	2.50	0.00	0.00	623.09	49.00
10449.000	1180.00	610.08	0.33	0.00	0.00	625.00	49.00
10449.000	1730.00	612.15	2.07	0.00	0.00	625.00	49.00
10754.000	660.00	607.36	0.00	0.09	0.00	275.83	305.00
10754.000	995.00	609.77	2.42	0.01	0.00	470.00	305.00
10754.000	1180.00	610.10	0.33	0.01	0.00	470.00	305.00
10754.000	1730.00	612.16	2.06	0.00	0.00	470.00	305.00
10803.000	660.00	607.34	0.00	-0.02	0.00	40.26	49.00
10803.000	995.00	609.76	2.43	-0.01	0.00	428.45	49.00
10803.000	1180.00	610.09	0.33	-0.01	0.00	444.77	49.00
10803.000	1730.00	612.16	2.07	0.00	0.00	603.04	49.00
10871.000	660.00	607.74	0.00	0.40	0.00	211.57	68.00
10871.000	995.00	609.78	2.04	0.01	0.00	428.83	68.00
10871.000	1180.00	610.10	0.33	0.02	0.00	445.25	68.00
10871.000	1730.00	612.19	2.09	0.04	0.00	609.68	68.00
10920.000	660.00	607.83	0.00	0.09	0.00	315.79	49.00
10920.000	995.00	609.81	1.99	0.04	0.00	545.00	49.00
10920.000	1180.00	610.14	0.33	0.04	0.00	545.00	49.00
10920.000	1730.00	612.21	2.07	0.02	0.00	545.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11098.000	660.00	607.82	0.00	-0.01	0.00	302.89	178.00
11098.000	995.00	609.82	2.00	0.01	0.00	675.00	178.00
11098.000	1180.00	610.15	0.33	0.01	0.00	675.00	178.00
11098.000	1730.00	612.22	2.07	0.01	0.00	675.00	178.00
11147.000	660.00	607.83	0.00	0.00	0.00	40.99	49.00
11147.000	995.00	609.80	1.97	-0.03	0.00	528.37	49.00
11147.000	1180.00	610.13	0.33	-0.03	0.00	665.66	49.00
11147.000	1730.00	612.22	2.09	-0.01	0.00	800.00	49.00
11205.000	660.00	608.51	0.00	0.68	0.00	191.28	58.00
11205.000	995.00	609.80	1.29	0.00	0.00	528.42	58.00
11205.000	1180.00	610.13	0.33	0.00	0.00	665.68	58.00
11205.000	1730.00	612.24	2.11	0.02	0.00	800.00	58.00
11254.000	660.00	608.56	0.00	0.06	0.00	536.35	49.00
11254.000	995.00	609.87	1.31	0.08	0.00	690.00	49.00
11254.000	1180.00	610.21	0.34	0.08	0.00	690.00	49.00
11254.000	1730.00	612.26	2.05	0.02	0.00	690.00	49.00
11404.000	660.00	608.51	0.00	-0.05	0.00	435.69	150.00
11404.000	995.00	609.37	1.36	0.00	0.00	586.12	150.00
11404.000	1180.00	610.21	0.34	0.00	0.00	614.91	150.00
11404.000	1730.00	612.27	2.05	0.01	0.00	650.00	150.00
11453.000	660.00	608.64	0.00	0.13	0.00	350.50	49.00
11453.000	995.00	609.89	1.25	0.02	0.00	597.97	49.00
11453.000	1180.00	610.23	0.34	0.02	0.00	615.35	49.00
11453.000	1730.00	612.27	2.04	0.00	0.00	625.00	49.00
11643.000	660.00	608.64	0.00	0.00	0.00	350.47	190.00
11643.000	995.00	609.89	1.25	0.00	0.00	599.24	190.00
11643.000	1180.00	610.24	0.34	0.01	0.00	615.96	190.00
11643.000	1730.00	612.31	2.07	0.04	0.00	800.00	190.00
11692.000	660.00	608.63	0.00	-0.01	0.00	439.03	49.00
11692.000	995.00	609.90	1.28	0.01	0.00	600.16	49.00
11692.000	1180.00	610.25	0.34	0.01	0.00	616.45	49.00
11692.000	1730.00	612.31	2.07	0.01	0.00	900.00	49.00
12692.000	660.00	609.26	0.00	0.64	0.00	275.49	1000.00
12692.000	995.00	610.23	0.97	0.33	0.00	335.00	1000.00
12692.000	1180.00	610.57	0.33	0.32	0.00	335.00	1000.00
12692.000	1730.00	612.43	1.86	0.12	0.00	335.00	1000.00
12741.000	660.00	609.24	0.00	-0.03	0.00	28.82	49.00
12741.000	995.00	610.17	0.93	-0.06	0.00	299.00	49.00
12741.000	1180.00	610.50	0.33	-0.06	0.00	299.00	49.00
12741.000	1730.00	612.41	1.91	-0.02	0.00	299.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
12831.000	660.00	609.98	0.00	0.74	0.00	259.00	90.00
12831.000	995.00	610.15	0.18	-0.02	0.00	259.00	90.00
12831.000	1180.00	610.47	0.32	-0.03	0.00	259.00	90.00
12831.000	1730.00	612.39	1.91	-0.02	0.00	259.00	90.00
12880.000	660.00	610.09	0.00	0.11	0.00	215.00	49.00
12880.000	995.00	610.38	0.29	0.22	0.00	215.00	49.00
12880.000	1180.00	610.71	0.33	0.23	0.00	215.00	49.00
12880.000	1730.00	612.47	1.76	0.08	0.00	215.00	49.00
12880.000	660.00	610.09	0.00	0.00	0.00	215.00	0.00
12880.000	995.00	610.38	0.29	0.00	0.00	215.00	0.00
12880.000	1180.00	610.71	0.33	0.00	0.00	215.00	0.00
12880.000	1730.00	612.47	1.76	0.00	0.00	215.00	0.00
12929.000	660.00	610.06	0.00	-0.02	0.00	46.83	49.00
12929.000	995.00	610.32	0.26	-0.05	0.00	99.65	49.00
12929.000	1180.00	610.64	0.32	-0.07	0.00	265.19	49.00
12929.000	1730.00	612.48	1.84	0.02	0.00	660.00	49.00
12986.000	660.00	610.69	0.00	0.63	0.00	36.91	57.00
12986.000	995.00	611.76	1.07	1.44	0.00	305.00	57.00
12986.000	1180.00	612.46	0.70	1.82	0.00	305.00	57.00
12986.000	1730.00	614.64	2.18	2.16	0.00	305.00	57.00
13035.000	660.00	610.93	0.00	0.24	0.00	405.00	49.00
13035.000	995.00	612.00	1.07	0.24	0.00	405.00	49.00
13035.000	1180.00	612.63	0.63	0.17	0.00	405.00	49.00
13035.000	1730.00	614.71	2.08	0.07	0.00	405.00	49.00
13335.000	660.00	610.96	0.00	0.03	0.00	536.80	300.00
13335.000	995.00	612.03	1.07	0.03	0.00	650.00	300.00
13335.000	1180.00	612.66	0.62	0.02	0.00	650.00	300.00
13335.000	1730.00	614.73	2.07	0.02	0.00	650.00	300.00
13434.000	660.00	610.97	0.00	0.01	0.00	564.92	99.00
13434.000	995.00	612.04	1.06	0.01	0.00	621.59	99.00
13434.000	1180.00	612.66	0.62	0.01	0.00	646.50	99.00
13434.000	1730.00	614.73	2.07	0.00	0.00	700.00	99.00
13476.000	660.00	610.99	0.00	0.01	0.00	565.67	42.00
13476.000	995.00	612.06	1.08	0.03	0.00	622.58	42.00
13476.000	1180.00	612.69	0.63	0.03	0.00	648.07	42.00
13476.000	1730.00	614.77	2.08	0.04	0.00	700.00	42.00
13575.000	660.00	611.01	0.00	0.02	0.00	623.49	99.00
13575.000	995.00	612.08	1.07	0.02	0.00	803.08	99.00
13575.000	1180.00	612.71	0.63	0.01	0.00	829.20	99.00
13575.000	1730.00	614.78	2.08	0.01	0.00	1000.00	99.00

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	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	14475.000	660.00	611.22	0.00	0.21	0.00	384.39	900.00
	14475.000	995.00	612.21	0.99	0.13	0.00	510.69	900.00
	14475.000	1180.00	612.80	0.59	0.09	0.00	770.05	900.00
	14475.000	1730.00	614.82	2.02	0.04	0.00	851.01	900.00
	14524.000	660.00	611.17	0.00	-0.05	0.00	186.83	49.00
	14524.000	995.00	612.19	1.02	-0.02	0.00	769.14	49.00
	14524.000	1180.00	612.81	0.62	0.00	0.00	800.00	49.00
	14524.000	1730.00	614.83	2.02	0.00	0.00	800.00	49.00
	14652.000	660.00	611.32	0.00	0.15	0.00	227.45	128.00
	14652.000	995.00	612.19	0.87	0.00	0.00	769.85	128.00
	14652.000	1180.00	612.80	0.62	0.00	0.00	800.00	128.00
	14652.000	1730.00	614.87	2.06	0.04	0.00	800.00	128.00
	14701.000	660.00	611.53	0.00	0.22	0.00	397.72	49.00
	14701.000	995.00	612.32	0.79	0.13	0.00	539.79	49.00
	14701.000	1180.00	612.85	0.53	0.05	0.00	771.27	49.00
	14701.000	1730.00	614.87	2.02	0.01	0.00	854.56	49.00
	15601.000	660.00	611.91	0.00	0.38	0.00	246.80	900.00
	15601.000	995.00	612.67	0.76	0.35	0.00	400.73	900.00
	15601.000	1180.00	613.13	0.45	0.27	0.00	462.25	900.00
	15601.000	1730.00	614.96	1.84	0.09	0.00	898.24	900.00
	15750.000	660.00	612.31	0.00	0.40	0.00	188.10	149.00
	15750.000	995.00	612.93	0.62	0.26	0.00	289.24	149.00
	15750.000	1180.00	613.27	0.34	0.14	0.00	371.87	149.00
	15750.000	1730.00	614.99	1.72	0.03	0.00	700.00	149.00
	15800.000	660.00	611.53	0.00	-0.79	0.00	119.14	50.00
	15800.000	995.00	614.57	3.05	1.64	0.00	700.00	50.00
	15800.000	1180.00	614.69	0.12	1.42	0.00	700.00	50.00
	15800.000	1730.00	615.16	0.46	0.17	0.00	700.00	50.00
	15849.000	660.00	613.54	0.00	2.01	0.00	503.96	49.00
	15849.000	995.00	614.59	1.05	0.01	0.00	800.00	49.00
	15849.000	1180.00	614.71	0.12	0.02	0.00	800.00	49.00
	15849.000	1730.00	615.19	0.47	0.02	0.00	800.00	49.00
	17575.000	660.00	614.15	0.00	0.61	0.00	649.46	1726.00
	17575.000	995.00	614.98	0.83	0.39	0.00	727.06	1726.00
	17575.000	1180.00	615.17	0.19	0.46	0.00	740.78	1726.00
	17575.000	1730.00	615.74	0.57	0.56	0.00	781.62	1726.00
*	17710.000	660.00	614.37	0.00	0.23	0.00	264.07	135.00
	17710.000	995.00	615.05	0.68	0.37	0.00	634.26	135.00
	17710.000	1180.00	615.25	0.20	0.08	0.00	694.45	135.00
	17710.000	1730.00	615.83	0.58	0.09	0.00	748.03	135.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
17850.000	660.00	615.03	0.00	0.66	0.00	311.29	140.00
17850.000	995.00	615.47	0.44	0.42	0.00	487.49	140.00
17850.000	1180.00	615.65	0.18	0.40	0.00	552.01	140.00
17850.000	1730.00	616.13	0.48	0.30	0.00	663.32	140.00
18100.000	660.00	615.85	0.00	0.81	0.00	509.80	250.00
18100.000	995.00	616.32	0.47	0.85	0.00	556.80	250.00
18100.000	1180.00	616.50	0.18	0.85	0.00	574.55	250.00
18100.000	1730.00	616.89	0.39	0.75	0.00	585.00	250.00
18575.000	660.00	616.65	0.00	0.80	0.00	212.27	475.00
18575.000	995.00	617.16	0.51	0.84	0.00	313.95	475.00
18575.000	1180.00	617.38	0.22	0.88	0.00	348.64	475.00
18575.000	1730.00	617.89	0.52	1.01	0.00	561.85	475.00
18624.000	660.00	617.09	0.00	0.44	0.00	388.20	49.00
18624.000	995.00	617.68	0.60	0.53	0.00	426.30	49.00
18624.000	1180.00	617.92	0.24	0.54	0.00	460.02	49.00
18624.000	1730.00	618.44	0.52	0.55	0.00	620.55	49.00
18704.000	660.00	618.15	0.00	1.06	0.00	493.47	80.00
18704.000	995.00	618.11	-0.04	0.42	0.00	488.04	80.00
18704.000	1180.00	618.30	0.19	0.38	0.00	549.57	80.00
18704.000	1730.00	618.71	0.42	0.27	0.00	700.00	80.00
18753.000	660.00	618.11	0.00	-0.03	0.00	529.18	49.00
18753.000	995.00	618.02	-0.10	-0.09	0.00	522.86	49.00
18753.000	1180.00	618.20	0.19	-0.10	0.00	530.00	49.00
18753.000	1730.00	618.60	0.39	-0.12	0.00	530.00	49.00
19003.000	660.00	618.14	0.00	0.03	0.00	288.12	250.00
19003.000	995.00	618.11	-0.03	0.09	0.00	266.60	250.00
19003.000	1180.00	618.29	0.18	0.09	0.00	368.91	250.00
19003.000	1730.00	618.69	0.40	0.09	0.00	436.35	250.00
19077.000	660.00	618.30	0.00	0.16	0.00	465.00	74.00
19077.000	995.00	618.47	0.17	0.37	0.00	465.00	74.00
19077.000	1180.00	618.74	0.26	0.45	0.00	465.00	74.00
19077.000	1730.00	619.35	0.61	0.66	0.00	465.00	74.00
19235.000	660.00	618.37	0.00	0.07	0.00	532.46	158.00
19235.000	995.00	618.57	0.20	0.09	0.00	556.11	158.00
19235.000	1180.00	618.83	0.26	0.09	0.00	590.57	158.00
19235.000	1730.00	619.43	0.61	0.09	0.00	741.05	158.00
19384.000	660.00	618.28	0.00	-0.08	0.00	414.92	149.00
19384.000	995.00	618.41	0.12	-0.16	0.00	475.27	149.00
19384.000	1180.00	618.69	0.28	-0.14	0.00	526.97	149.00
19384.000	1730.00	619.35	0.66	-0.08	0.00	618.54	149.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
19433.000	660.00	618.27	0.00	-0.02	0.00	284.61	49.00
19433.000	995.00	618.35	0.09	-0.05	0.00	351.40	49.00
19433.000	1180.00	618.71	0.35	0.02	0.00	461.43	49.00
19433.000	1730.00	619.44	0.73	0.08	0.00	461.46	49.00
19677.000	660.00	619.17	0.00	0.90	0.00	713.23	244.00
19677.000	995.00	619.52	0.36	1.17	0.00	748.84	244.00
19677.000	1180.00	619.72	0.20	1.02	0.00	768.63	244.00
19677.000	1730.00	620.20	0.47	0.76	0.00	796.50	244.00
19776.000	660.00	619.16	0.00	-0.01	0.00	478.09	99.00
19776.000	995.00	619.50	0.34	-0.02	0.00	642.76	99.00
19776.000	1180.00	619.69	0.19	-0.03	0.00	675.67	99.00
19776.000	1730.00	620.15	0.46	-0.04	0.00	751.48	99.00
19876.000	660.00	619.14	0.00	-0.02	0.00	364.55	100.00
19876.000	995.00	619.46	0.32	-0.04	0.00	545.95	100.00
19876.000	1180.00	619.64	0.18	-0.05	0.00	574.47	100.00
19876.000	1730.00	620.09	0.45	-0.06	0.00	633.18	100.00
19925.000	660.00	619.34	0.00	0.20	0.00	449.22	49.00
19925.000	995.00	619.78	0.44	0.33	0.00	487.53	49.00
19925.000	1180.00	620.01	0.22	0.37	0.00	506.79	49.00
19925.000	1730.00	620.52	0.52	0.43	0.00	550.08	49.00
20033.000	660.00	619.88	0.00	0.53	0.00	496.16	108.00
20033.000	995.00	620.19	0.31	0.41	0.00	522.85	108.00
20033.000	1180.00	620.33	0.14	0.33	0.00	535.25	108.00
20033.000	1730.00	620.73	0.40	0.21	0.00	554.29	108.00
20032.000	660.00	619.32	0.00	-0.05	0.00	448.98	49.00
20082.000	995.00	620.10	0.28	-0.09	0.00	479.95	49.00
20082.000	1180.00	620.23	0.12	-0.11	0.00	493.72	49.00
20082.000	1730.00	620.58	0.35	-0.16	0.00	533.14	49.00
20232.000	660.00	619.33	0.00	0.01	0.00	384.22	150.00
20232.000	995.00	620.12	0.29	0.02	0.00	436.50	150.00
20232.000	1180.00	620.26	0.13	0.03	0.00	449.94	150.00
20232.000	1730.00	620.65	0.39	0.07	0.00	483.18	150.00
20281.000	660.00	620.02	0.00	0.19	0.00	526.77	49.00
20281.000	995.00	620.44	0.42	0.31	0.00	537.02	49.00
20281.000	1180.00	620.64	0.20	0.35	0.00	541.90	49.00
20281.000	1730.00	621.16	0.52	0.51	0.00	554.86	49.00
20385.000	660.00	620.19	0.00	0.17	0.00	531.13	104.00
20385.000	995.00	620.55	0.36	0.12	0.00	539.83	104.00
20385.000	1180.00	620.74	0.19	0.11	0.00	544.47	104.00
20385.000	1730.00	621.26	0.51	0.09	0.00	557.08	104.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
20434.000	660.00	620.14	0.00	-0.05	0.00	421.35	49.00
20434.000	995.00	620.49	0.34	-0.07	0.00	472.88	49.00
20434.000	1180.00	620.67	0.18	-0.07	0.00	500.39	49.00
20434.000	1730.00	621.18	0.51	-0.08	0.00	575.30	49.00
21554.000	660.00	620.71	0.00	0.56	0.00	493.62	1120.00
21554.000	995.00	621.23	0.52	0.74	0.00	715.57	1120.00
21554.000	1180.00	621.47	0.24	0.80	0.00	731.20	1120.00
21554.000	1730.00	622.05	0.58	0.87	0.00	769.59	1120.00
21653.000	660.00	620.91	0.00	0.10	0.00	808.48	99.00
21653.000	995.00	621.33	0.52	0.10	0.00	1000.00	99.00
21653.000	1180.00	621.56	0.23	0.09	0.00	1000.00	99.00
21653.000	1730.00	622.13	0.57	0.09	0.00	1000.00	99.00
21670.000	660.00	621.04	0.00	0.23	0.00	1000.00	17.00
21670.000	995.00	621.39	0.35	0.06	0.00	1000.00	17.00
21670.000	1180.00	621.61	0.22	0.05	0.00	1000.00	17.00
21670.000	1730.00	622.19	0.58	0.06	0.00	1000.00	17.00
21719.000	660.00	621.04	0.00	0.00	0.00	808.67	49.00
21719.000	995.00	621.39	0.35	0.00	0.00	878.32	49.00
21719.000	1180.00	621.61	0.23	0.00	0.00	911.68	49.00
21719.000	1730.00	622.19	0.58	0.00	0.00	969.38	49.00
22670.000	660.00	621.24	0.00	0.20	0.00	226.58	1000.00
22670.000	995.00	621.68	0.44	0.29	0.00	330.42	1000.00
22670.000	1180.00	621.92	0.24	0.30	0.00	402.11	1000.00
22670.000	1730.00	622.54	0.62	0.35	0.00	730.23	1000.00
24069.000	660.00	623.54	0.00	2.30	0.00	394.42	1350.00
24069.000	995.00	624.11	0.57	2.43	0.00	521.52	1350.00
24069.000	1180.00	624.34	0.23	2.42	0.00	597.47	1350.00
24069.000	1730.00	624.82	0.48	2.27	0.00	856.67	1350.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO= 2613.000 PROFILE= 3 BRIDGE DECK DEFINITION ERROR
CAUTION SECNO= 2613.000 PROFILE= 4 BRIDGE DECK DEFINITION ERROR

CAUTION SECNO= 2649.000 PROFILE= 3 BRIDGE DECK DEFINITION ERROR
CAUTION SECNO= 2649.000 PROFILE= 4 BRIDGE DECK DEFINITION ERROR

CAUTION SECNO= 17710.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 17710.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY

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FLOOD INSURANCE ZONE DATA FOR 10-YEAR FREQU

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
0.000	0.	-0.60	-0.10	0.20
49.000	49.	-0.62	-0.11	0.24
145.000	145.	-1.66	-0.51	1.37
194.000	194.	-1.66	-0.51	1.38
994.000	994.	-1.70	-0.53	1.39
1043.000	1043.	-1.70	-0.53	1.39
1062.000	1062.	-1.71	-0.53	1.40
1111.000	1111.	-1.70	-0.53	1.40
1112.000	1112.	-1.71	-0.53	1.40
1160.000	1160.	-1.70	-0.53	1.40
1173.000	1173.	-1.71	-0.53	1.40
1222.000	1222.	-1.71	-0.53	1.41
1282.000	1282.	-1.71	-0.53	1.40
1331.000	1331.	-1.70	-0.53	1.40
1373.000	1373.	-1.71	-0.53	1.41
1422.000	1422.	-1.71	-0.53	1.41
2022.000	2022.	-1.65	-0.51	1.36
2071.000	2071.	-1.70	-0.53	1.40
2133.000	2133.	-2.30	-0.78	2.44
2282.000	2282.	-2.31	-0.79	2.47
2562.000	2562.	-2.26	-0.77	2.41
2611.000	2611.	-2.27	-0.76	2.35
2613.000	2613.	-2.17	-0.86	2.37
2649.000	2649.	-2.28	-0.85	2.42
2651.000	2651.	-2.49	-0.59	2.29
2700.000	2700.	-2.50	-0.60	2.32
3800.000	3800.	-2.49	-0.63	2.26
3849.000	3849.	-2.48	-0.62	2.25
3851.000	3851.	-2.34	-0.55	1.95
3893.000	3893.	-2.38	-0.57	2.01
3895.000	3895.	-2.69	-0.72	2.69
3929.000	3929.	-2.69	-0.72	2.68
3978.000	3978.	-2.68	-0.72	2.68
4200.000	4200.	-4.32	-1.23	4.76
4249.000	4249.	-4.32	-1.24	4.74
4749.000	4749.	-4.34	-1.24	4.73
4798.000	4798.	-4.18	-1.24	4.73
4855.000	4855.	-3.73	-1.25	4.74
4904.000	4904.	-3.75	-1.24	4.73
5604.000	5604.	-3.51	-1.21	4.71
5668.000	5668.	-3.47	-1.20	4.71
5684.000	5684.	-3.46	-1.20	4.85
5733.000	5733.	-3.53	-1.21	4.82
5833.000	5833.	-3.61	-1.24	4.82

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5882.000	5882.	-3.39	-1.20	4.77
5984.000	5984.	-2.67	-1.19	4.77
6033.000	6033.	-2.74	-1.20	4.78
6533.000	6533.	-2.55	-1.16	4.75
6582.000	6582.	-2.64	-1.21	4.78
6690.000	6690.	-2.60	-1.25	4.84
6739.000	6739.	-2.40	-1.09	4.73
7439.000	7039.	-2.34	-1.12	4.85
7488.000	7088.	-2.30	-0.98	4.67
7580.000	7180.	-3.79	-1.20	3.13
7629.000	7229.	-3.91	-1.22	3.13
8001.000	7601.	-3.64	-1.18	3.15
8050.000	7650.	-3.62	-1.16	3.05
8163.000	7763.	-3.29	-0.50	2.74
8212.000	7812.	-3.29	-0.50	2.75
8537.000	8137.	-3.28	-0.50	2.79
8586.000	8186.	-3.19	-0.52	2.59
8683.000	8283.	-2.97	-0.27	2.15
8732.000	8332.	-2.99	-0.26	2.22
9057.000	8657.	-2.95	-0.30	2.08
9106.000	8706.	-2.97	-0.31	2.08
9201.000	8801.	-2.97	-0.31	2.08
9250.000	8850.	-2.96	-0.31	2.08
9607.000	9207.	-2.97	-0.31	2.08
9676.000	9276.	-2.90	-0.32	2.07
9676.000	9374.	-2.91	-0.32	2.08
9823.000	9423.	-2.93	-0.32	2.08
10293.000	9893.	-2.83	-0.32	2.07
10342.000	9942.	-2.77	-0.32	2.07
10400.000	10000.	-2.80	-0.33	2.07
10449.000	10049.	-2.32	-0.33	2.07
10754.000	10354.	-2.74	-0.33	2.06
10803.000	10403.	-2.75	-0.33	2.07
10871.000	10471.	-2.37	-0.33	2.09
10920.000	10520.	-2.32	-0.33	2.07
11098.000	10698.	-2.33	-0.33	2.07
11147.000	10747.	-2.30	-0.33	2.09
11205.000	10805.	-1.62	-0.33	2.11
11254.000	10854.	-1.65	-0.34	2.05
11404.000	11004.	-1.70	-0.34	2.05
11453.000	11053.	-1.59	-0.34	2.04
11643.000	11243.	-1.59	-0.34	2.07
11692.000	11292.	-1.62	-0.34	2.07
12692.000	12292.	-1.30	-0.33	1.86
12741.000	12341.	-1.26	-0.33	1.91
12831.000	12431.	-0.50	-0.32	1.91
12880.000	12480.	-0.62	-0.33	1.76
12880.000	12480.	-0.62	-0.33	1.76
12929.000	12529.	-0.58	-0.32	1.84
12986.000	12586.	-1.76	-0.70	2.13
13035.000	12635.	-1.70	-0.63	2.08
13335.000	12935.	-1.70	-0.62	2.07
13434.000	13034.	-1.69	-0.62	2.07
13476.000	13076.	-1.71	-0.63	2.08

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13575.000	13175.	-1.70	-0.63	2.08
14475.000	14075.	-1.59	-0.59	2.02
14524.000	14124.	-1.64	-0.62	2.02
14652.000	14252.	-1.49	-0.62	2.06
14701.000	14301.	-1.32	-0.53	2.02
15601.000	15201.	-1.21	-0.45	1.84
15750.000	15350.	-0.96	-0.34	1.72
15800.000	15400.	-3.17	-0.12	0.46
15849.000	15449.	-1.17	-0.12	0.47
17575.000	17175.	-1.03	-0.19	0.57
17710.000	17310.	-0.88	-0.20	0.58
17850.000	17450.	-0.61	-0.18	0.48
18100.000	17700.	-0.65	-0.18	0.39
18575.000	18175.	-0.73	-0.22	0.52
18624.000	18224.	-0.83	-0.24	0.52
18704.000	18304.	-0.15	-0.19	0.42
18753.000	18353.	-0.09	-0.19	0.39
19003.000	18603.	-0.15	-0.18	0.40
19077.000	18677.	-0.44	-0.26	0.61
19235.000	18835.	-0.46	-0.26	0.61
19384.000	18984.	-0.41	-0.28	0.66
19433.000	19033.	-0.44	-0.35	0.73
19677.000	19277.	-0.55	-0.20	0.47
19776.000	19376.	-0.53	-0.19	0.46
19876.000	19476.	-0.50	-0.18	0.45
19925.000	19525.	-0.66	-0.22	0.52
20033.000	19633.	-0.46	-0.14	0.40
20082.000	19682.	-0.40	-0.12	0.35
20232.000	19832.	-0.42	-0.13	0.39
20281.000	19881.	-0.61	-0.20	0.52
20385.000	19985.	-0.55	-0.19	0.51
20434.000	20034.	-0.53	-0.18	0.51
21554.000	21154.	-0.76	-0.24	0.58
21653.000	21253.	-0.75	-0.23	0.57
21670.000	21270.	-0.57	-0.22	0.58
21719.000	21319.	-0.57	-0.23	0.58
22670.000	22319.	-0.68	-0.24	0.62
24069.000	23669.	-0.30	-0.23	0.48
WEIGHTED AVG FOR REACH		-1.79	-0.49	1.86

FHF FOR THE REACH = 020 WITH 24.1 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 4

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CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA 10	1	DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
	0.					SEC.	0.000
	49.					SEC.	49.000
1	100.	598.44	599.32	-0.88	-0.88	C10	100.
	145.					SEC.	145.000
	194.					SEC.	194.000
2	200.	599.26	600.68	-1.42	-1.15	C10	100.
3	300.	599.66	601.32	-1.66	-1.32	C15	100.
4	400.	599.67	601.34	-1.67	-1.41	C15	75.
5	500.	599.69	601.36	-1.67	-1.46	C15	80.
6	600.	599.70	601.38	-1.68	-1.50	C15	83.
7	700.	599.72	601.40	-1.68	-1.52	C15	86.
8	800.	599.73	601.42	-1.69	-1.54	C15	88.
9	900.	599.75	601.44	-1.69	-1.56	C15	89.
	994.					SEC.	994.000
10	1000.	599.76	601.46	-1.70	-1.57	C15	90.
	1043.					SEC.	1043.000
	1062.					SEC.	1062.000
11	1100.	599.78	601.49	-1.71	-1.59	C15	91.
	1111.					SEC.	1111.000
	1112.					SEC.	1112.000
	1160.					SEC.	1160.000
	1173.					SEC.	1173.000
12	1200.	599.82	601.52	-1.70	-1.60	C15	92.
	1222.					SEC.	1222.000
	1282.					SEC.	1282.000
13	1300.	599.84	601.55	-1.71	-1.60	C15	92.
	1331.					SEC.	1331.000
	1373.					SEC.	1373.000
14	1400.	599.85	601.56	-1.71	-1.61	C15	93.
	1422.					SEC.	1422.000
15	1500.	599.86	601.57	-1.71	-1.62	C15	93.
16	1600.	599.87	601.57	-1.70	-1.62	C15	94.
17	1700.	599.87	601.56	-1.69	-1.63	C15	94.
18	1800.	599.87	601.55	-1.68	-1.63	C15	94.
19	1900.	599.87	601.54	-1.67	-1.63	C15	95.
20	2000.	599.88	601.54	-1.66	-1.63	C15	95.
	2022.					SEC.	2022.000
	2071.					SEC.	2071.000
21	2100.	599.99	601.81	-1.82	-1.64	C15	95.
	2133.					SEC.	2133.000
22	2200.	600.15	602.30	-2.15	-1.67	C15	95.
	2282.					SEC.	2282.000
23	2300.	600.21	602.51	-2.30	-1.69	C15	91.
24	2400.	600.21	602.51	-2.30	-1.72	C15	88.
25	2500.	600.22	602.50	-2.28	-1.74	C15	84.
	2562.					SEC.	2562.000
26	2600.	600.29	602.56	-2.27	-1.76	C20	81.

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	2611.				SEC.	2611.000	
	2613.				SEC.	2613.000	
	2649.				SEC.	2649.000	
	2651.				SEC.	2651.000	
27	2700.	600.48	602.86	-2.38	-1.78	C20	85.
	2700.				SEC.	2700.000	
28	2800.	600.62	603.11	-2.49	-1.81	C20	89.
29	2900.	600.66	603.16	-2.50	-1.83	C20	86.
30	3000.	600.70	603.20	-2.50	-1.86	C20	83.
31	3100.	600.75	603.24	-2.49	-1.88	C20	84.
32	3200.	600.79	603.28	-2.49	-1.90	C20	81.
33	3300.	600.83	603.32	-2.49	-1.91	C20	79.
34	3400.	600.87	603.37	-2.50	-1.93	C20	74.
35	3500.	600.92	603.41	-2.49	-1.95	C20	71.
36	3600.	600.96	603.45	-2.49	-1.96	C20	69.
37	3700.	601.00	603.49	-2.49	-1.98	C20	68.
	3800.				SEC.	3800.000	
38	3800.	601.04	603.53	-2.49	-1.99	C20	87.
	3849.				SEC.	3849.000	
	3851.				SEC.	3851.000	
	3893.				SEC.	3893.000	
	3895.				SEC.	3895.000	
39	3900.	601.12	603.70	-2.58	-2.00	C20	97.
	3929.				SEC.	3929.000	
	3978.				SEC.	3978.000	
40	4000.	601.16	603.92	-2.76	-2.02	C20	98.
41	4100.	601.15	604.36	-3.21	-2.05	C20	95.
	4200.				SEC.	4200.000	
42	4200.	601.15	605.10	-3.95	-2.10	C20	93.
	4249.				SEC.	4249.000	
43	4300.	601.22	605.54	-4.32	-2.15	C20	91.
44	4400.	601.28	605.61	-4.33	-2.20	C20	89.
45	4500.	601.29	605.62	-4.33	-2.25	C25	89.
46	4600.	601.30	605.63	-4.33	-2.29	C25	87.
47	4700.	601.30	605.64	-4.34	-2.34	C25	85.
	4749.				SEC.	4749.000	
	4798.				SEC.	4798.000	
48	4800.	601.40	605.65	-4.25	-2.38	C25	83.
	4855.				SEC.	4855.000	
49	4900.	601.71	605.67	-3.96	-2.41	C25	82.
	4904.				SEC.	4904.000	
50	5000.	601.95	605.68	-3.73	-2.43	C25	78.
51	5100.	601.97	605.67	-3.70	-2.46	C25	76.
52	5200.	602.00	605.66	-3.66	-2.48	C25	75.
53	5300.	602.02	605.66	-3.64	-2.50	C25	74.
54	5400.	602.05	605.65	-3.60	-2.52	C25	72.
55	5500.	602.08	605.64	-3.56	-2.54	C25	71.
56	5600.	602.10	605.63	-3.53	-2.56	C25	73.
	5604.				SEC.	5604.000	
	5668.				SEC.	5668.000	
	5684.				SEC.	5684.000	
57	5700.	602.16	605.65	-3.49	-2.58	C25	74.
	5733.				SEC.	5733.000	
58	5800.	602.20	605.73	-3.53	-2.59	C25	74.

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	5833.				SEC.	5833.000	
	5882.				SEC.	5882.000	
59	5900.	602.43	605.85	-3.42	-2.61	025	76.
	5984.				SEC.	5984.000	
60	6000.	602.95	605.93	-2.98	-2.61	025	77.
	6033.				SEC.	6033.000	
61	6100.	603.25	605.96	-2.71	-2.61	025	77.
62	6200.	603.26	605.96	-2.70	-2.62	025	77.
63	6300.	603.31	605.97	-2.66	-2.62	025	78.
64	6400.	603.35	605.97	-2.62	-2.62	025	78.
65	6500.	603.40	605.98	-2.58	-2.62	025	78.
	6533.				SEC.	6533.000	
	6582.				SEC.	6582.000	
66	6600.	603.37	605.96	-2.59	-2.62	025	79.
	6690.				SEC.	6690.000	
67	6700.	603.34	605.94	-2.60	-2.62	025	79.
	6739.				SEC.	6739.000	
68	6800.	603.48	605.96	-2.48	-2.61	025	79.
69	6900.	603.57	605.95	-2.38	-2.61	025	80.
70	7000.	603.52	605.87	-2.35	-2.61	025	80.
	7039.				SEC.	7439.000	
	7088.				SEC.	7488.000	
71	7100.	603.76	606.18	-2.42	-2.60	025	80.
	7180.				SEC.	7580.000	
72	7200.	604.43	607.59	-3.16	-2.61	025	81.
	7229.				SEC.	7629.000	
73	7300.	604.81	608.66	-3.85	-2.63	025	79.
74	7400.	604.85	608.67	-3.82	-2.64	025	80.
75	7500.	604.92	608.67	-3.75	-2.66	025	80.
76	7600.	605.00	608.67	-3.67	-2.67	025	78.
	7601.				SEC.	8001.000	
	7650.				SEC.	8050.000	
77	7700.	605.23	608.79	-3.56	-2.68	025	74.
	7763.				SEC.	8163.000	
78	7800.	605.60	608.98	-3.38	-2.69	025	71.
	7812.				SEC.	8212.000	
79	7900.	605.77	609.06	-3.29	-2.70	025	68.
80	8000.	605.77	609.06	-3.29	-2.71	025	65.
81	8100.	605.78	609.06	-3.28	-2.72	025	60.
	8137.				SEC.	8537.000	
	8186.				SEC.	8586.000	
82	8200.	605.98	609.20	-3.22	-2.72	025	61.
	8283.				SEC.	8683.000	
83	8300.	606.45	609.52	-3.07	-2.73	025	63.
	8332.				SEC.	8732.000	
84	8400.	606.73	609.70	-2.97	-2.73	025	63.
85	8500.	606.76	609.74	-2.98	-2.73	025	64.
86	8600.	606.84	609.80	-2.96	-2.73	025	64.
	8657.				SEC.	9057.000	
87	8700.	606.90	609.86	-2.96	-2.74	025	64.
	8706.				SEC.	9106.000	
88	8800.	606.94	609.91	-2.97	-2.74	025	65.
	8801.				SEC.	9201.000	
	8850.				SEC.	9250.000	

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89	8900.	606.96	609.93	-2.97	-2.74	025	65.
90	9000.	606.97	609.93	-2.96	-2.74	025	66.
91	9100.	606.98	609.95	-2.97	-2.75	030	67.
92	9200.	606.99	609.96	-2.97	-2.75	030	67.
	9207.				SEC.	9607.000	
	9276.				SEC.	9676.000	
93	9300.	607.04	609.98	-2.94	-2.75	030	68.
	9374.				SEC.	9676.000	
94	9400.	607.09	610.00	-2.91	-2.75	030	68.
	9423.				SEC.	9823.000	
95	9500.	607.09	610.02	-2.93	-2.75	030	68.
96	9600.	607.11	610.02	-2.91	-2.76	030	69.
97	9700.	607.14	610.02	-2.88	-2.76	030	69.
98	9800.	607.17	610.03	-2.86	-2.76	030	69.
	9893.				SEC.	10293.000	
99	9900.	607.20	610.03	-2.83	-2.76	030	70.
	9942.				SEC.	10342.000	
100	10000.	607.25	610.06	-2.81	-2.76	030	70.
	10000.				SEC.	10400.000	
	10049.				SEC.	10449.000	
101	10100.	607.28	610.09	-2.81	-2.76	030	70.
102	10200.	607.29	610.09	-2.80	-2.76	030	71.
103	10300.	607.32	610.09	-2.77	-2.76	030	71.
	10354.				SEC.	10754.000	
104	10400.	607.34	610.09	-2.75	-2.76	030	71.
	10403.				SEC.	10803.000	
	10471.				SEC.	10871.000	
105	10500.	607.56	610.11	-2.55	-2.76	030	71.
	10520.				SEC.	10920.000	
106	10600.	607.81	610.14	-2.33	-2.75	030	72.
	10698.				SEC.	11098.000	
107	10700.	607.82	610.15	-2.33	-2.75	030	72.
	10747.				SEC.	11147.000	
108	10800.	608.13	610.14	-2.01	-2.74	025	71.
	10805.				SEC.	11205.000	
	10854.				SEC.	11254.000	
109	10900.	608.50	610.17	-1.67	-2.73	025	71.
110	11000.	608.53	610.21	-1.68	-2.72	025	69.
	11004.				SEC.	11404.000	
	11053.				SEC.	11453.000	
111	11100.	608.58	610.22	-1.64	-2.71	025	72.
112	11200.	608.64	610.23	-1.59	-2.70	025	74.
	11243.				SEC.	11643.000	
	11292.				SEC.	11692.000	
113	11300.	608.64	610.24	-1.60	-2.70	025	73.
114	11400.	608.66	610.26	-1.60	-2.69	025	75.
115	11500.	608.73	610.30	-1.57	-2.68	025	77.
116	11600.	608.79	610.33	-1.54	-2.67	025	80.
117	11700.	608.86	610.36	-1.50	-2.66	025	80.
118	11800.	608.92	610.39	-1.47	-2.65	025	79.
119	11900.	608.98	610.42	-1.44	-2.64	025	79.
120	12000.	609.05	610.46	-1.41	-2.63	025	78.
121	12100.	609.11	610.49	-1.38	-2.62	025	77.
122	12200.	609.17	610.52	-1.35	-2.60	025	78.

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	12292.				SEC.	12692.000	
123	12300.	609.23	610.55	-1.32	-2.59	C25	77.
	12341.				SEC.	12741.000	
124	12400.	609.49	610.52	-1.03	-2.58	C25	77.
	12431.				SEC.	12831.000	
	12480.				SEC.	12880.000	
	12480.				SEC.	12880.000	
125	12500.	609.90	610.58	-0.68	-2.57	C25	77.
	12529.				SEC.	12929.000	
	12586.				SEC.	12986.000	
126	12600.	610.42	611.59	-1.17	-2.56	025	76.
	12635.				SEC.	13035.000	
127	12700.	610.85	612.57	-1.72	-2.55	025	75.
128	12800.	610.94	612.64	-1.70	-2.54	025	76.
129	12900.	610.95	612.65	-1.70	-2.54	C25	76.
	12935.				SEC.	13335.000	
130	13000.	610.96	612.66	-1.70	-2.53	025	76.
	13034.				SEC.	13434.000	
	13076.				SEC.	13476.000	
131	13100.	610.98	612.68	-1.70	-2.52	025	75.
	13175.				SEC.	13575.000	
132	13200.	611.00	612.70	-1.70	-2.52	025	75.
133	13300.	611.03	612.72	-1.69	-2.51	C25	75.
134	13400.	611.05	612.73	-1.68	-2.50	025	76.
135	13500.	611.07	612.74	-1.67	-2.50	025	76.
136	13600.	611.09	612.75	-1.66	-2.49	025	76.
137	13700.	611.12	612.76	-1.64	-2.49	C25	77.
138	13800.	611.14	612.77	-1.63	-2.48	025	75.
139	13900.	611.16	612.78	-1.62	-2.47	C25	77.
140	14000.	611.19	612.79	-1.60	-2.47	C25	77.
	14075.				SEC.	14475.000	
141	14100.	611.19	612.80	-1.61	-2.46	C25	77.
	14124.				SEC.	14524.000	
142	14200.	611.22	612.80	-1.58	-2.45	C25	77.
	14252.				SEC.	14652.000	
143	14300.	611.39	612.83	-1.44	-2.45	C25	77.
	14301.				SEC.	14701.000	
144	14400.	611.55	612.87	-1.32	-2.44	C25	78.
145	14500.	611.60	612.90	-1.30	-2.43	C25	77.
146	14600.	611.64	612.93	-1.29	-2.42	025	77.
147	14700.	611.68	612.96	-1.28	-2.42	C25	77.
148	14800.	611.72	612.99	-1.27	-2.41	025	76.
149	14900.	611.77	613.02	-1.25	-2.40	C25	76.
150	15000.	611.81	613.05	-1.24	-2.39	025	75.
151	15100.	611.85	613.08	-1.23	-2.39	C25	75.
152	15200.	611.89	613.11	-1.22	-2.38	025	75.
	15201.				SEC.	15601.000	
153	15300.	612.05	613.17	-1.12	-2.37	C25	74.
	15350.				SEC.	15750.000	
154	15400.	611.85	613.96	-2.11	-2.37	C25	74.
	15400.				SEC.	15800.000	
	15449.				SEC.	15849.000	
155	15500.	612.54	614.71	-2.17	-2.37	C25	74.
156	15600.	613.58	614.74	-1.16	-2.36	C25	74.

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157	15700.	613.61	614.76	-1.15	-2.35	C25	74.
158	15800.	613.65	614.79	-1.14	-2.34	025	73.
159	15900.	613.68	614.82	-1.14	-2.34	025	73.
160	16000.	613.72	614.84	-1.12	-2.33	025	73.
161	16100.	613.75	614.87	-1.12	-2.32	025	73.
162	16200.	613.79	614.90	-1.11	-2.31	C25	73.
163	16300.	613.82	614.92	-1.10	-2.31	025	72.
164	16400.	613.86	614.95	-1.09	-2.30	C25	73.
165	16500.	613.89	614.98	-1.09	-2.29	025	73.
166	16600.	613.93	615.00	-1.07	-2.28	C25	72.
167	16700.	613.96	615.03	-1.07	-2.28	025	71.
168	16800.	614.00	615.06	-1.06	-2.27	C25	71.
169	16900.	614.03	615.08	-1.05	-2.26	025	70.
170	17000.	614.07	615.11	-1.04	-2.26	025	70.
171	17100.	614.10	615.14	-1.04	-2.25	025	70.
	17175.				SEC. 17575.000		
172	17200.	614.15	615.17	-1.02	-2.24	C20	70.
173	17300.	614.27	615.21	-0.94	-2.23	C20	71.
	17310.				SEC. 17710.000		
174	17400.	614.58	615.38	-0.80	-2.23	C20	70.
	17450.				SEC. 17850.000		
175	17500.	615.00	615.66	-0.66	-2.22	C20	70.
176	17600.	615.36	615.99	-0.63	-2.21	C20	69.
	17700.				SEC. 18100.000		
177	17700.	615.68	616.33	-0.65	-2.20	020	68.
178	17800.	615.93	616.59	-0.66	-2.19	020	68.
179	17900.	616.10	616.77	-0.67	-2.18	020	68.
180	18000.	616.27	616.96	-0.69	-2.17	C20	68.
181	18100.	616.44	617.14	-0.70	-2.16	020	68.
	18175.				SEC. 18575.000		
182	18200.	616.70	617.45	-0.75	-2.16	020	68.
	18224.				SEC. 18624.000		
183	18300.	617.48	617.97	-0.49	-2.15	C20	67.
	18304.				SEC. 18704.000		
	18353.				SEC. 18753.000		
184	18400.	618.11	618.25	-0.14	-2.14	020	68.
185	18500.	618.12	618.24	-0.12	-2.13	020	68.
186	18600.	618.14	618.27	-0.13	-2.12	C20	69.
	18603.				SEC. 19003.000		
	18677.				SEC. 19077.000		
187	18700.	618.23	618.52	-0.29	-2.11	C20	69.
188	18800.	618.33	618.78	-0.45	-2.10	C20	69.
	18835.				SEC. 19235.000		
189	18900.	618.34	618.79	-0.45	-2.09	020	70.
	18984.				SEC. 19384.000		
190	19000.	618.30	618.73	-0.43	-2.08	020	69.
	19033.				SEC. 19433.000		
191	19100.	618.40	618.84	-0.44	-2.07	020	70.
192	19200.	618.70	619.19	-0.49	-2.06	C20	70.
	19277.				SEC. 19677.000		
193	19300.	619.02	619.56	-0.54	-2.05	020	70.
	19376.				SEC. 19776.000		
194	19400.	619.16	619.70	-0.54	-2.05	C20	70.
	19476.				SEC. 19876.000		

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195	19500.	619.20	619.75	-0.55	-2.04	020	70.
	19525.					SEC. 19925.000	
196	19600.	619.48	620.03	-0.55	-2.03	020	70.
	19633.					SEC. 20033.000	
	19682.					SEC. 20082.000	
197	19700.	619.77	620.23	-0.46	-2.02	020	71.
198	19800.	619.83	620.24	-0.41	-2.02	020	70.
	19832.					SEC. 20232.000	
	19881.					SEC. 20281.000	
199	19900.	619.94	620.45	-0.51	-2.01	020	70.
	19985.					SEC. 20385.000	
200	20000.	620.11	620.69	-0.58	-2.00	020	70.
	20034.					SEC. 20434.000	
201	20100.	620.18	620.72	-0.54	-1.99	020	33.
202	20200.	620.20	620.75	-0.55	-1.99	020	33.
203	20300.	620.25	620.82	-0.57	-1.98	020	29.
204	20400.	620.30	620.89	-0.59	-1.97	020	29.
205	20500.	620.35	620.97	-0.62	-1.97	020	29.
206	20600.	620.40	621.04	-0.64	-1.96	020	29.
207	20700.	620.45	621.11	-0.66	-1.95	020	29.
208	20800.	620.50	621.18	-0.68	-1.95	020	28.
209	20900.	620.55	621.25	-0.70	-1.94	020	29.
210	21000.	620.60	621.32	-0.72	-1.94	020	29.
211	21100.	620.65	621.39	-0.74	-1.93	020	29.
	21154.					SEC. 21554.000	
212	21200.	620.72	621.47	-0.75	-1.92	020	29.
	21253.					SEC. 21653.000	
	21270.					SEC. 21670.000	
213	21300.	620.90	621.56	-0.66	-1.92	020	29.
	21319.					SEC. 21719.000	
214	21400.	621.05	621.63	-0.58	-1.91	020	29.
215	21500.	621.07	621.65	-0.58	-1.91	020	29.
216	21600.	621.09	621.68	-0.59	-1.90	020	29.
217	21700.	621.11	621.72	-0.61	-1.89	020	29.
218	21800.	621.13	621.75	-0.62	-1.89	020	28.
219	21900.	621.15	621.78	-0.63	-1.88	020	29.
220	22000.	621.17	621.81	-0.64	-1.88	020	29.
221	22100.	621.19	621.84	-0.65	-1.87	020	28.
222	22200.	621.21	621.87	-0.66	-1.87	020	27.
223	22300.	621.23	621.90	-0.67	-1.86	020	27.
	22319.					SEC. 22670.000	
224	22400.	621.31	621.99	-0.68	-1.85	020	28.
225	22500.	621.47	622.15	-0.68	-1.85	020	28.
226	22600.	621.64	622.33	-0.69	-1.84	020	27.
227	22700.	621.81	622.51	-0.70	-1.84	020	27.
228	22800.	621.98	622.69	-0.71	-1.83	020	27.
229	22900.	622.15	622.87	-0.72	-1.83	020	27.
230	23000.	622.32	623.05	-0.73	-1.82	020	27.
231	23100.	622.49	623.23	-0.74	-1.82	020	26.
232	23200.	622.66	623.41	-0.75	-1.82	020	26.
233	23300.	622.83	623.59	-0.76	-1.81	020	26.
234	23400.	623.00	623.77	-0.77	-1.81	020	26.
235	23500.	623.17	623.95	-0.78	-1.80	020	26.
236	23600.	623.34	624.13	-0.79	-1.80	020	26.

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23669. SEC. 24069.000

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT ZON WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE 202 117 236
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	WEIGHTED AVG DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
117	11700.	-2.66	-0.69	2.77

FHF FOR REACH 1 = 025 WITH 80. PERCENT OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 5

184	18400.	-1.23	-0.36	1.31

FHF FOR REACH 2 = 010 WITH 82. PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

236	23600.	-0.60	-0.22	0.55

FHF FOR REACH 3 = 005 WITH 100. PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 1

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THIS RUN EXECUTED 24 AUG 84 11:12:31

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

T1                  CITY OF TAYLOR FLOOD INSURANCE STUDY
T2                  SEXTON KILFOIL DRAIN
T3                  100-YEAR FREQUENCY FLOOD WITH ENCROACHMENT

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
        0.       3.         0.         0.   0.000000       0.00       0.0         0.    602.000      0.000

J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE
     15.000      0.000     -1.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 200.000

2800 NAT Q1= 445.97 WSEL= 602.00 ENC Q1= 445.97 WSEL= 602.10 RATIO= 0.0000

NAT Q1= 462. RATIOS LOB,CH,ROB= 0.0801 0.8499 0.0700 WSEL= 602.10

3470 ENCROACHMENT STATIONS= 566.3 680.1 TYPE= 4 TARGET= 0.035

UPSTREAM OF ALLEN RD.

200.00	10.60	602.00	0.00	602.00	602.28	0.28	0.00	0.00	599.00
1312.	82.	1163.	67.	76.	260.	75.	0.	0.	599.90
0.00	1.07	4.48	0.90	0.070	0.035	0.070	0.000	591.40	566.34
0.000918	0.	0.	0.	0	0	0	0.00	113.75	680.09

*SECNO 650.000

2800 NAT Q1= 481.98 WSEL= 602.44 ENC Q1= 481.98 WSEL= 602.54 RATIO= 0.0000

NAT Q1= 503. RATIOS LOB,CH,ROB= 0.2026 0.7939 0.0036 WSEL= 602.54

3470 ENCROACHMENT STATIONS= 395.5 544.0 TYPE= 4 TARGET= 0.041

DOWNSTREAM OF PRIVATE BRIDGE

650.00	10.48	602.48	0.00	602.44	602.67	0.19	0.38	0.01	599.70
1312.	221.	1091.	0.	222.	284.	0.	5.	1.	601.60
0.04	1.00	3.84	0.00	0.070	0.035	0.000	0.000	592.00	395.47
0.000792	450.	450.	450.	2	0	0	0.00	148.53	544.00

CCHV= 0.300 CEHV= 0.500

*SECNO 699.000

3470 ENCROACHMENT STATIONS= 338.5 567.3 TYPE= 1 TARGET= 228.780

699.00	10.25	602.45	0.00	602.41	602.79	0.34	0.05	0.07	601.40
1312.	49.	1255.	8.	76.	263.	15.	5.	2.	601.60
0.04	0.65	4.77	0.53	0.060	0.035	0.060	0.000	592.20	338.52
0.001333	49.	49.	49.	2	0	0	0.00	228.78	567.30

SPECIAL BRIDGE

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	84.00	0.00	592.20	592.20

*SECNO 714.000
3700. BRIDGE STENCL= 270.00 STENCR= 550.00
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.36	602.79	0.00	885.	434.	84.	94.	600.00	601.10

3470 ENCROACHMENT STATIONS=			270.0	550.0	TYPE=	1	TARGET=	280.000		
714.00	10.65	602.85	0.00	602.71	603.10	0.26	0.31	0.00	601.40	
1312.	107.	1192.	13.	155.	280.	17.	5.	2.	601.60	
0.04	0.69	4.25	0.77	0.060	0.035	0.060	0.000	592.20	270.00	
0.000971	15.	15.	15.	2	0	4	0.00	280.00	550.00	

CCHV= 0.100 CEHV= 0.300
*SECNO 763.000

3470 ENCROACHMENT STATIONS=			287.0	567.0	TYPE=	1	TARGET=	280.000		
UPSTREAM OF PRIVATE BRIDGE										
763.00	11.05	603.05	0.00	602.94	603.15	0.10	0.03	0.02	599.70	
1312.	371.	928.	13.	427.	309.	25.	6.	2.	601.60	
0.05	0.87	3.00	0.52	0.060	0.035	0.060	0.000	592.00	287.00	
0.000423	49.	49.	49.	2	0	0	0.00	280.00	567.00	

*SECNO 1313.000
3280 CROSS SECTION 1313.00 EXTENDED 0.30 FEET

3470 ENCROACHMENT STATIONS=			392.0	642.0	TYPE=	1	TARGET=	250.000		
DOWNSTREAM OF D.T.I.RR.										
1313.00	9.90	603.30	0.00	603.21	603.45	0.15	0.29	0.01	600.10	
1312.	243.	872.	197.	231.	232.	203.	15.	5.	601.20	
0.10	1.05	3.76	0.97	0.060	0.035	0.060	0.000	593.40	392.00	
0.000668	550.	550.	550.	2	0	0	0.00	250.00	642.00	

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1362.000

3470 ENCROACHMENT STATIONS= 200.0 230.0 TYPE= 1 TARGET= 30.000

1362.00	9.12	603.12	0.00	602.97	603.75	0.63	0.06	0.24	606.20
1312.	0.	1312.	0.	0.	206.	0.	16.	5.	100000.00
0.10	0.00	6.38	0.00	0.000	0.035	0.000	0.000	594.00	202.20
0.002449	49.	49.	49.	2	0	0	0.00	27.80	230.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	21.00	1.50	127.00	0.00	594.40	594.40

*SECNO 1399.000
3700. BRIDGE STENCL= 200.71 STENCR= 261.50
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.70	603.82	0.09	0.	1312.	127.	123.	600.70	606.80

3470 ENCROACHMENT STATIONS= 200.7 261.5 TYPE= 1 TARGET= 60.790

1399.00	11.37	605.37	0.00	605.21	605.70	0.33	1.95	0.00	100000.00
1312.	0.	1263.	49.	0.	270.	48.	16.	6.	602.50
0.11	0.00	4.67	1.02	0.000	0.035	0.060	0.000	594.00	200.71
0.000980	37.	37.	37.	2	0	0	0.00	60.79	261.50

*SECNO 1448.000
3280 CROSS SECTION 1448.00 EXTENDED 2.78 FEET

3470 ENCROACHMENT STATIONS= 341.0 691.0 TYPE= 1 TARGET= 350.000
UPSTREAM OF D.T.I.RR.

1448.00	12.38	605.78	0.00	605.65	605.80	0.02	0.01	0.09	600.10
1312.	450.	501.	361.	735.	311.	638.	17.	6.	601.20
0.12	0.61	1.61	0.56	0.060	0.035	0.060	0.000	593.40	341.00
0.000082	49.	49.	49.	2	0	0	0.00	350.00	691.00

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

CCHV=   0.100 CEHV=   0.300
*SECNO 1998.000
3280 CROSS SECTION    1998.00 EXTENDED       2.33 FEET

3470 ENCROACHMENT STATIONS=       1.0      600.0  TYPE=      1  TARGET=      599.000
          DOWNSTREAM OF RET. POND SERVICE RD.
  1998.00     11.83    605.83      0.00    605.68    605.84      0.01      0.04      0.00    600.20
   1312.       637.      377.       298.     1293.      307.      792.       43.       12.    601.40
    0.34      0.49      1.23      0.38     0.060     0.035     0.060     0.000    594.00      1.00
0.000053      550.      550.      550.         2         0         0      0.00    599.00    600.00

*SECNO 2047.000
3280 CROSS SECTION    2047.00 EXTENDED       3.33 FEET

3470 ENCROACHMENT STATIONS=       1.0      600.0  TYPE=      1  TARGET=      599.000
  2047.00     12.02    605.82      0.00    605.67    605.85      0.02      0.00      0.00    603.60
   1312.       195.      577.       539.      514.      333.      912.       45.       12.    603.50
    0.36      0.38      1.73      0.59     0.060     0.035     0.060     0.000    593.80      1.00
0.000111        49.       49.       49.         0         0         0      0.00    599.00    600.00

CCHV=   0.300 CEHV=   0.500
*SECNO 2049.000
      3700.  BRIDGE STENCL=       1.00    STENCR=     600.00
3280 CROSS SECTION    2049.00 EXTENDED       3.33 FEET

3370 NORMAL BRIDGE, NRD=  6 MIN ELTRD=  602.90 MAX ELLC=  602.50

3470 ENCROACHMENT STATIONS=       1.0      600.0  TYPE=      1  TARGET=      599.000
  2049.00     12.04    605.84      0.00    605.69    605.85      0.01      0.00      0.00    603.60
   1312.       286.      234.       792.      514.      233.      912.       45.       12.    603.50
    0.36      0.56      1.00      0.87     0.070     0.045     0.070     0.000    593.80      1.00
0.000327         2.        2.         2.         1         0         0   -100.45    599.00    600.00

*SECNO 2076.000
3280 CROSS SECTION    2076.00 EXTENDED       3.35 FEET
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   SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS   BANK ELEV
   Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN      SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID     ENDST

3370 NORMAL BRIDGE,NRD=  6 MIN ELTRD=  603.50 MAX ELLC=  600.60

3470 ENCROACHMENT STATIONS=       1.0      600.0  TYPE=     1  TARGET=     599.000
  2076.00     12.05    605.85      0.00    605.70    605.86      0.01      0.01      0.00    603.60
     1312.      288.      233.      791.      518.      233.      916.      46.       13.     603.50
     0.37      0.56      1.00      0.86     0.070     0.045     0.070     0.000    593.80      1.00
 0.000322       27.       27.       27.         0         0         0   -100.45    599.00    600.00

CCHV=   0.100 CEHV=   0.300
*SECNO 2078.000
3280 CROSS SECTION    2078.00 EXTENDED       3.34 FEET

3470 ENCROACHMENT STATIONS=       1.0      600.0  TYPE=     1  TARGET=     599.000
  2078.00     12.04    605.84      0.00    605.69    605.87      0.03      0.00      0.01    603.60
     1312.      183.      626.      503.      517.      334.      915.      46.       13.     603.50
     0.37      0.35      1.88      0.55     0.070     0.035     0.070     0.000    593.80      1.00
 0.000130         2.        2.        2.         1         0         0      0.00    599.00    600.00

*SECNO 2127.000
3280 CROSS SECTION    2127.00 EXTENDED       2.37 FEET

3470 ENCROACHMENT STATIONS=       1.0      600.0  TYPE=     1  TARGET=     599.000
            UPSTREAM OF RET. POND SERVICE RD.
  2127.00     11.87    605.87      0.00    605.72    605.87      0.00      0.01      0.00    600.20
     1312.        0.        0.     1312.        0.        0.     2414.      48.       14.  100000.00
     0.39      0.00      0.00      0.54     0.000     0.000     0.070     0.000    594.00      1.00
 0.000089       49.       49.       49.         2         0         0      0.00    599.00    600.00

*SECNO 2477.000
3280 CROSS SECTION    2477.00 EXTENDED       1.88 FEET

3470 ENCROACHMENT STATIONS=     265.0      665.0  TYPE=     1  TARGET=     400.000
            DOWNSTREAM OF WALK BRIDGE
  2477.00     14.18    605.88      0.00    605.73    605.92      0.05      0.03      0.01    602.10
     1231.      102.      390.      239.      248.      444.      558.      63.       18.     601.60
     0.45      0.41      2.00      0.43     0.070     0.035     0.070     0.000    591.70    265.00
 0.000113       350.      350.      350.         2         0         0      0.00    400.00    665.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 2526.000
3280 CROSS SECTION 2526.00 EXTENDED 0.83 FEET

3470 ENCROACHMENT STATIONS= 17.0 483.0 TYPE= 1 TARGET= 466.000

2526.00	10.73	605.83	0.00	605.66	605.96	0.13	0.01	0.03	603.60
1231.	146.	716.	369.	191.	191.	423.	64.	18.	603.80
0.46	0.76	3.74	0.87	0.070	0.035	0.070	0.000	595.10	17.26
0.000838	49.	49.	49.	2	0	0	0.00	465.74	483.00

CCHV= 0.300 CEHV= 0.500
*SECNO 2528.000
3700. BRIDGE STENCL= 21.83 STENCR= 500.00
3280 CROSS SECTION 2528.00 EXTENDED 0.93 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.80

3470 ENCROACHMENT STATIONS= 21.8 500.0 TYPE= 1 TARGET= 478.170

2528.00	10.82	605.92	0.00	605.78	605.98	0.06	0.00	0.02	603.60
1231.	208.	498.	525.	209.	182.	465.	64.	18.	603.80
0.46	1.00	2.73	1.13	0.070	0.035	0.070	0.000	595.10	21.83
0.001340	2.	2.	2.	2	0	0	-11.97	478.17	500.00

*SECNO 2532.000
3280 CROSS SECTION 2532.00 EXTENDED 0.93 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.30

3470 ENCROACHMENT STATIONS= 21.4 500.0 TYPE= 1 TARGET= 478.580

2532.00	10.83	605.93	0.00	605.79	605.99	0.06	0.01	0.00	603.60
1231.	208.	497.	525.	209.	182.	466.	64.	18.	603.80
0.46	0.99	2.73	1.13	0.070	0.035	0.070	0.000	595.10	21.42
0.001333	4.	4.	4.	0	0	0	-11.97	478.58	500.00

CCHV= 0.100 CEHV= 0.300

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 2534.000
3280 CROSS SECTION 2534.00 EXTENDED 0.89 FEET

3470 ENCROACHMENT STATIONS= 14.0 487.0 TYPE= 1 TARGET= 473.000

2534.00	10.79	605.89	0.00	605.74	606.01	0.12	0.00	0.02	603.60
1231.	151.	700.	380.	203.	193.	443.	65.	18.	603.80
0.46	0.75	3.63	0.86	0.070	0.035	0.070	0.000	595.10	14.00
0.000778	2.	2.	2.	2	0	0	0.00	473.00	487.00

*SECNO 2583.000
2800 NAT Q1= 1194.62 WSEL= 605.86 ENC Q1= 1194.62 WSEL= 605.96 RATIO= 0.0000
NAT Q1= 1236. RATIOS LOB,CH,ROB= 0.1036 0.6858 0.2106 WSEL= 605.96

3265 DIVIDED FLOW

3280 CROSS SECTION 2583.00 EXTENDED 1.99 FEET

3470 ENCROACHMENT STATIONS= 105.5 668.0 TYPE= 4 TARGET= 0.033
UPSTREAM OF WALK BRIDGE

2583.00	14.29	605.99	0.00	605.86	606.03	0.04	0.01	0.01	602.10
1231.	112.	870.	249.	318.	449.	588.	66.	19.	601.60
0.47	0.35	1.94	0.42	0.070	0.035	0.070	0.000	591.70	105.52
0.000105	49.	49.	49.	2	0	0	0.00	558.71	668.03

*SECNO 2633.000

3470 ENCROACHMENT STATIONS= 348.0 579.0 TYPE= 1 TARGET= 231.000

2633.00	10.47	605.87	0.00	605.73	606.09	0.23	0.01	0.06	603.70
1231.	40.	1051.	140.	61.	254.	172.	67.	19.	602.40
0.47	0.66	4.13	0.81	0.070	0.035	0.070	0.000	595.40	348.00
0.000741	50.	50.	50.	2	0	0	0.00	231.00	579.00

*SECNO 2682.000
3280 CROSS SECTION 2682.00 EXTENDED 0.97 FEET

3470 ENCROACHMENT STATIONS= 275.0 600.0 TYPE= 1 TARGET= 325.000

2682.00	10.37	605.97	0.00	605.85	606.13	0.16	0.03	0.01	605.60
1231.	1.	1180.	50.	6.	366.	154.	67.	19.	605.40
0.48	0.18	3.23	0.32	0.070	0.035	0.070	0.000	595.60	275.00
0.000446	49.	49.	49.	2	0	0	0.00	325.00	600.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 2684.000
3700. BRIDGE STENCL= 280.04 STENCR= 600.00
3280 CROSS SECTION 2684.00 EXTENDED 0.94 FEET

3370 NORMAL BRIDGE, NRD= 8 MIN ELTRD= 605.50 MAX ELLC= 602.10

3470 ENCROACHMENT STATIONS= 280.0 600.0 TYPE= 1 TARGET= 319.960

2684.00	10.34	605.94	0.00	605.80	606.17	0.24	0.00	0.04	605.60
1231.	2.	1107.	122.	5.	270.	144.	67.	19.	605.40
0.48	0.47	4.10	0.85	0.070	0.035	0.070	0.000	595.60	280.04
0.003330	2.	2.	2.	2	0	0	-93.90	319.96	600.00

*SECNO 2725.000
3280 CROSS SECTION 2725.00 EXTENDED 1.09 FEET

3370 NORMAL BRIDGE, NRD= 0 MIN ELTRD= 605.40 MAX ELLC= 602.10

3470 ENCROACHMENT STATIONS= 262.5 600.0 TYPE= 1 TARGET= 337.470

2725.00	10.49	606.09	0.00	605.97	606.35	0.26	0.16	0.01	605.60
1231.	8.	1037.	186.	11.	234.	167.	68.	20.	605.40
0.48	0.67	4.43	1.12	0.070	0.035	0.070	0.000	595.60	262.53
0.004900	41.	41.	41.	2	0	0	-152.77	337.47	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2727.000
3280 CROSS SECTION 2727.00 EXTENDED 1.23 FEET

3470 ENCROACHMENT STATIONS= 240.0 600.0 TYPE= 1 TARGET= 360.000

2727.00	10.63	606.23	0.00	606.16	606.36	0.13	0.00	0.01	605.60
1231.	4.	1145.	82.	20.	377.	219.	68.	20.	605.40
0.48	0.21	3.04	0.37	0.070	0.035	0.070	0.000	595.60	240.00
0.000378	2.	2.	2.	2	0	0	0.00	360.00	600.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 2826.000									
3470 ENCROACHMENT STATIONS=		338.0	648.0	TYPE=	1	TARGET=	310.000		
2826.00	10.84	606.24	0.00	606.18	606.42	0.18	0.05	0.01	603.70
1231.	56.	995.	181.	83.	267.	247.	69.	21.	602.40
0.49	0.67	3.73	0.73	0.070	0.035	0.070	0.000	595.40	338.87
0.000566	99.	99.	99.	2	0	0	0.00	309.13	648.00
*SECNO 3551.000									
3280 CROSS SECTION	3551.00	EXTENDED	0.67	FEET					
3551.00	9.87	606.67	0.00	606.62	606.72	0.06	0.29	0.01	604.20
1231.	330.	697.	204.	612.	281.	392.	85.	29.	603.80
0.61	0.54	2.48	0.52	0.070	0.035	0.070	0.000	596.80	0.00
0.000300	725.	725.	725.	2	0	0	0.00	700.00	700.00
*SECNO 3600.000									
3280 CROSS SECTION	3600.00	EXTENDED	0.69	FEET					
3600.00	10.19	606.69	0.00	606.64	606.74	0.05	0.02	0.00	603.60
1231.	392.	586.	252.	589.	231.	480.	86.	30.	603.60
0.62	0.67	2.54	0.53	0.070	0.035	0.070	0.000	596.50	0.00
0.000375	49.	49.	49.	0	0	0	0.00	700.00	700.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3602.000									
3700. BRIDGE STENCL=		88.00	STENCR=	613.00					
3280 CROSS SECTION	3602.00	EXTENDED	0.65	FEET					
3370 NORMAL BRIDGE, NRD= 29 MIN ELTRD= 604.40 MAX ELLC= 605.00									
3470 ENCROACHMENT STATIONS=		88.0	613.0	TYPE=	1	TARGET=	525.000		
3602.00	10.15	606.65	0.00	606.62	606.78	0.13	0.00	0.04	603.60
1231.	423.	541.	267.	448.	128.	375.	86.	30.	603.60
0.62	0.94	4.22	0.71	0.070	0.013	0.070	0.000	596.50	88.00
0.000733	2.	2.	2.	2	0	0	-149.51	525.00	613.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 3634.000
3280 CROSS SECTION 3634.00 EXTENDED 0.67 FEET

3370 NORMAL BRIDGE,NRD= 29 MIN ELTRD= 604.50 MAX ELLC= 602.50

3470 ENCROACHMENT STATIONS= 90.0 620.0 TYPE= 1 TARGET= 530.000

3634.00	10.18	606.68	0.00	606.64	606.80	0.13	0.02	0.00	603.60
1231.	420.	538.	273.	448.	129.	386.	87.	30.	603.60
0.63	0.94	4.18	0.71	0.070	0.013	0.070	0.000	596.50	90.00
0.000715	32.	32.	32.	0	0	0	-149.51	530.00	620.00

CCHV= 0.100 CEHV= 0.300
*SECNO 3636.000
2800 NAT Q1= 641.08 WSEL= 606.70 ENC Q1= 641.08 WSEL= 606.80 RATIO= 0.0000
NAT Q1= 680. RATIOS LOB,CH,ROB= 0.3260 0.4563 0.2177 WSEL= 606.80
3280 CROSS SECTION 3636.00 EXTENDED 0.76 FEET

3470 ENCROACHMENT STATIONS= 66.8 594.9 TYPE= 4 TARGET= 0.058

3636.00	10.26	606.76	0.00	606.70	606.81	0.05	0.00	0.01	603.60
1231.	385.	604.	242.	530.	233.	412.	87.	30.	603.60
0.63	0.73	2.59	0.59	0.070	0.035	0.070	0.000	596.50	66.76
0.000387	2.	2.	2.	2	0	0	0.00	528.18	594.95

*SECNO 3685.000
3280 CROSS SECTION 3685.00 EXTENDED 0.78 FEET

3470 ENCROACHMENT STATIONS= 120.0 620.0 TYPE= 1 TARGET= 500.000

3685.00	9.97	606.77	0.00	606.72	606.83	0.06	0.02	0.00	604.20
1231.	335.	701.	195.	572.	236.	342.	88.	31.	603.80
0.64	0.58	2.45	0.57	0.070	0.035	0.070	0.000	596.80	120.00
0.000288	49.	49.	49.	1	0	0	0.00	500.00	620.00

*SECNO 4480.000

3470 ENCROACHMENT STATIONS= 260.0 640.0 TYPE= 1 TARGET= 380.000

4480.00	9.42	607.02	0.00	606.96	607.10	0.08	0.26	0.01	604.10
1231.	121.	784.	326.	202.	276.	423.	108.	39.	603.40
0.74	0.60	2.85	0.77	0.070	0.035	0.072	0.000	597.60	260.00
0.000385	795.	795.	795.	2	0	0	0.00	380.00	640.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 4529.000

3470 ENCROACHMENT STATIONS= 200.0 540.0 TYPE= 1 TARGET= 340.000

4529.00	9.38	606.88	0.00	606.81	607.28	0.40	0.02	0.16	605.80
1231.	28.	1152.	52.	80.	219.	154.	108.	39.	605.80
0.74	0.34	5.27	0.34	0.070	0.013	0.070	0.000	597.50	200.00
0.000346	49.	49.	49.	2	0	0	0.00	340.00	540.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	85.00	0.00	597.50	597.50

*SECNO 4567.000
3700. BRIDGE STENCL= 175.00 STENCR= 565.00
6870 D.S. ENERGY OF 607.28 HIGHER THAN COMPUTED ENERGY OF 607.15
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.96	607.28	0.00	945.	288.	85.	110.	603.60	605.40

3470 ENCROACHMENT STATIONS= 175.0 565.0 TYPE= 1 TARGET= 390.000

4567.00	9.38	606.88	0.00	606.81	607.28	0.40	0.00	0.00	605.80
1231.	29.	1151.	51.	89.	219.	158.	109.	39.	605.80
0.75	0.33	5.26	0.32	0.070	0.013	0.072	0.000	597.50	175.00
0.000344	38.	38.	38.	2	0	5	0.00	390.00	565.00

*SECNO 4616.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 5.0 653.0 TYPE= 1 TARGET= 648.000

4616.00	9.79	607.39	0.00	607.35	607.41	0.02	0.02	0.11	604.10
1231.	0.	0.	1231.	0.	0.	1056.	110.	40.	100000.00
0.76	0.00	0.00	1.17	0.000	0.000	0.070	0.000	597.60	5.00
0.000545	49.	49.	49.	2	0	0	0.00	439.00	653.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

CCHV= 0.100 CEHV= 0.300
*SECNO 5486.000
2800 NAT Q1= 454.27 WSEL= 607.85 ENC Q1= 454.27 WSEL= 607.95 RATIO= 0.0000
NAT Q1= 485. RATIOS LOB,CH,ROB= 0.4454 0.5350 0.0195 WSEL= 607.95
3280 CROSS SECTION 5486.00 EXTENDED 0.20 FEET

3470 ENCROACHMENT STATIONS= 131.3 528.0 TYPE= 4 TARGET= 0.062

5486.00	9.79	607.89	0.00	607.85	608.01	0.12	0.57	0.03	605.20
1231.	525.	706.	0.	614.	194.	0.	128.	48.	606.70
0.86	0.86	3.64	0.00	0.070	0.035	0.000	0.000	598.10	131.33
0.000794	870.	870.	870.	1	0	0	0.00	396.67	528.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5535.000

3470 ENCROACHMENT STATIONS= 1.0 499.0 TYPE= 1 TARGET= 498.040

5535.00	9.85	607.85	0.00	607.80	608.08	0.24	0.02	0.06	606.60
1231.	165.	1058.	8.	451.	252.	52.	129.	49.	607.00
0.86	0.37	4.20	0.15	0.070	0.013	0.070	0.000	598.00	1.00
0.000172	49.	49.	49.	2	0	0	0.00	498.04	499.04

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	84.00	0.00	598.30	598.30

*SECNO 5570.000
3700. BRIDGE STENCL= 1.00 SIENCR= 499.22
6870 D.S. ENERGY OF 608.08 HIGHER THAN COMPUTED ENERGY OF 607.97
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.05	608.38	0.00	1046.	186.	84.	110.	604.40	606.60

3470 ENCROACHMENT STATIONS= 1.0 499.2 TYPE= 1 TARGET= 498.220

5570.00	9.85	607.85	0.00	607.80	608.08	0.24	0.00	0.00	606.60
1231.	165.	1058.	8.	451.	252.	52.	130.	49.	607.00
0.86	0.37	4.20	0.15	0.070	0.013	0.070	0.000	598.00	1.00
0.000172	35.	35.	35.	2	0	7	0.00	498.22	499.22

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 5619.000

3470 ENCROACHMENT STATIONS= 1.0 611.0 TYPE= 1 TARGET= 610.000

5619.00	9.93	608.03	0.00	607.98	608.11	0.09	0.01	0.01	605.20
1231.	566.	638.	27.	778.	198.	62.	131.	50.	606.70
0.87	0.73	3.23	0.44	0.070	0.035	0.070	0.000	598.10	1.00
0.000583	49.	49.	49.	2	0	0	0.00	610.00	611.00

*SECNO 6944.000

3470 ENCROACHMENT STATIONS= 450.0 530.0 TYPE= 1 TARGET= 80.000

6944.00	9.55	608.95	0.00	608.86	609.30	0.35	1.11	0.08	606.30
1231.	139.	1092.	0.	110.	219.	0.	152.	60.	100000.00
0.95	1.26	4.99	0.00	0.070	0.035	0.000	0.000	599.40	450.00
0.001294	1325.	1325.	1325.	2	0	0	0.00	80.00	530.00

CCHV= 0.300 CEHV= 0.500
*SECNO 6993.000

3470 ENCROACHMENT STATIONS= 402.0 440.0 TYPE= 1 TARGET= 38.000

6993.00	9.31	609.01	0.00	608.83	609.36	0.35	0.06	0.00	100000.00
1231.	0.	1231.	0.	0.	260.	0.	152.	60.	100000.00
0.95	0.00	4.73	0.00	0.000	0.035	0.000	0.000	599.70	402.00
0.001295	49.	49.	49.	1	0	0	0.00	38.00	440.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.09	2.63	0.00	25.00	0.00	128.00	0.00	600.00	600.00

*SECNO 7107.000
3700. BRIDGE STENCL= 320.00 STENCR= 590.00
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.01	609.66	0.00	478.	754.	128.	180.	607.20	609.30

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		320.0	590.0	TYPE=	1	TARGET=	270.000		
7107.00	10.20	609.90	0.00	609.80	610.14	0.23	0.78	0.00	609.40
1231.	7.	1181.	44.	24.	298.	97.	153.	61.	609.30
0.96	0.28	3.96	0.45	0.070	0.035	0.070	0.000	599.70	320.00
0.000801	114.	114.	114.	2	0	4	0.00	270.00	590.00

CCHV= 0.100 CEHV= 0.300
*SECNO 7156.000
2800 NAT Q1= 691.14 WSEL= 610.01 ENC Q1= 691.14 WSEL= 610.11 RATIO= 0.0000
NAT Q1= 721. RATIOS LOB,CH,ROB= 0.2466 0.5864 0.1670 WSEL= 610.11

3470 ENCROACHMENT STATIONS=		372.4	636.0	TYPE=	4	TARGET=	0.042		
7156.00	10.70	610.10	0.00	610.01	610.18	0.08	0.02	0.02	606.30
1231.	289.	755.	187.	372.	266.	262.	153.	61.	606.70
0.97	0.78	2.84	0.71	0.070	0.035	0.070	0.000	599.40	372.39
0.000320	49.	49.	49.	2	0	0	0.00	263.63	636.02

*SECNO 8835.000
2800 NAT Q1= 577.58 WSEL= 610.63 ENC Q1= 577.58 WSEL= 610.73 RATIO= 0.0000
NAT Q1= 605. RATIOS LOB,CH,ROB= 0.1391 0.6007 0.2602 WSEL= 610.73

3470 ENCROACHMENT STATIONS=		392.9	660.7	TYPE=	4	TARGET=	0.046		
8835.00	9.22	610.72	0.00	610.63	610.82	0.10	0.64	0.01	608.20
1231.	148.	778.	305.	209.	246.	345.	186.	71.	607.90
1.17	0.71	3.17	0.88	0.070	0.035	0.070	0.000	601.50	392.90
0.000461	1679.	1679.	1679.	0	0	0	0.00	267.81	660.70

*SECNO 8884.000
2800 NAT Q1= 368.48 WSEL= 610.63 ENC Q1= 368.48 WSEL= 610.73 RATIO= 0.0000
NAT Q1= 389. RATIOS LOB,CH,ROB= 0.2363 0.5884 0.1753 WSEL= 610.73

3470 ENCROACHMENT STATIONS=		259.2	537.7	TYPE=	4	TARGET=	0.053		
8884.00	9.12	610.72	0.00	610.63	610.87	0.15	0.03	0.01	609.50
1231.	272.	767.	192.	255.	200.	187.	187.	72.	609.50
1.18	1.07	3.83	1.03	0.070	0.035	0.070	0.000	601.60	259.24
0.001128	49.	49.	49.	2	0	0	0.00	278.49	537.73

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

CCHV=   0.300 CEHV=   0.500
*SECNO 8886.000
     3700.   BRIDGE STENCL=     250.00    STENCR=     530.00

3370 NORMAL BRIDGE,NRD= 26 MIN ELTRD=  608.70 MAX ELLC=  615.00

3470 ENCROACHMENT STATIONS=      250.0      530.0  TYPE=      1  TARGET=      280.000
  8886.00      9.17   610.77      0.00   610.71   610.89      0.11      0.00      0.01   609.50
    1231.       381.      451.      400.      274.      121.      180.      187.       72.    609.50
     1.18      1.39      3.72      2.22     0.070     0.035     0.070     0.000   601.60   250.00
0.005019         2.        2.        2.         9         0         0    -80.83   280.00   530.00

*SECNO 8916.000

3370 NORMAL BRIDGE,NRD= 26 MIN ELTRD=  609.50 MAX ELLC=  608.60

3470 ENCROACHMENT STATIONS=      240.0      540.0  TYPE=      1  TARGET=      300.000
  8916.00      9.34   610.94      0.00   610.84   611.02      0.09      0.13      0.01   609.50
    1231.       388.      414.      429.      311.      126.      214.      187.       72.    609.50
     1.18      1.25      3.28      2.00     0.070     0.035     0.070     0.000   601.60   240.00
0.003704        30.       30.       30.         2         0         0    -30.83   300.00   540.00

CCHV=   0.100 CEHV=   0.300
*SECNO 8918.000
 2800 NAT Q1=     408.91  WSEL=     610.82  ENC Q1=     408.91  WSEL=     610.92  RATIO=  0.0000
 NAT Q1=     433.  RATIOS LOB,CH,ROB=  0.2555  0.5529  0.1916  WSEL=     610.92

3470 ENCROACHMENT STATIONS=      251.3      542.9  TYPE=      4  TARGET=        0.056
  8918.00      9.32   610.92      0.00   610.82   611.04      0.12      0.00      0.01   609.50
    1231.       297.      721.      213.      293.      206.      217.      188.       72.    609.50
     1.18      1.01      3.50      0.98     0.070     0.035     0.070     0.000   601.60   251.30
0.000906         2.        2.        2.         2         0         0      0.00   291.63   542.93

*SECNO 8967.000
 2800 NAT Q1=     649.09  WSEL=     610.88  ENC Q1=     649.09  WSEL=     610.98  RATIO=  0.0000
 NAT Q1=     679.  RATIOS LOB,CH,ROB=  0.1591  0.5672  0.2736  WSEL=     610.98

3470 ENCROACHMENT STATIONS=      378.9      667.0  TYPE=      4  TARGET=        0.044
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
8967.00	9.49	610.99	0.00	610.88	611.07	0.08	0.03	0.00	608.20
1231.	177.	730.	324.	263.	255.	393.	188.	72.	607.90
1.19	0.67	2.86	0.82	0.070	0.035	0.070	0.000	601.50	378.94
0.000359	49.	49.	49.	2	0	0	0.00	288.09	667.04

*SECNO 9535.000

3470 ENCROACHMENT STATIONS= 330.0 615.0 TYPE= 1 TARGET= 285.000

9535.00	9.08	611.18	0.00	611.07	611.43	0.25	0.31	0.05	607.80
1231.	192.	1010.	29.	215.	230.	49.	198.	76.	609.40
1.23	0.89	4.39	0.59	0.070	0.035	0.070	0.000	602.10	330.00
0.000946	568.	568.	568.	2	0	0	0.00	285.00	615.00

CCHV= 0.300 CEHV= 0.500

*SECNO 9584.000

3470 ENCROACHMENT STATIONS= 229.0 615.4 TYPE= 1 TARGET= 386.350

9584.00	9.47	611.27	0.00	611.15	611.49	0.22	0.06	0.01	610.00
1231.	113.	983.	135.	146.	232.	167.	198.	76.	610.00
1.23	0.77	4.23	0.81	0.070	0.035	0.070	0.000	601.80	229.05
0.001364	49.	49.	49.	2	0	0	0.00	386.35	615.40

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	21.00	0.00	84.00	0.00	601.80	601.80

*SECNO 9616.000

3700. BRIDGE STENCL= 228.24 STENCR= 616.20

6870 D.S. ENERGY OF 611.49 HIGHER THAN COMPUTED ENERGY OF 611.47

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.47	611.49	0.00	986.	245.	84.	155.	609.20	610.00

3470 ENCROACHMENT STATIONS= 228.2 616.2 TYPE= 1 TARGET= 387.960

9616.00	9.47	611.27	0.00	611.15	611.49	0.22	0.00	0.00	610.00
1231.	114.	982.	135.	147.	233.	168.	199.	77.	610.00
1.24	0.77	4.22	0.81	0.070	0.035	0.070	0.000	601.80	228.24
0.001357	32.	32.	32.	2	0	5	0.00	387.96	616.20

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	SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
	Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
	TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
	SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV=	0.100	CEHV=	0.300							
*SECNO	9665.000									
3470 ENCROACHMENT STATIONS=			274.4		617.0	TYPE=	1	TARGET=	342.600	
	9665.00	9.23	611.33	0.00	611.23	611.54	0.22	0.05	0.00	607.80
	1231.	216.	979.	36.	260.	235.	62.	199.	77.	609.40
	1.24	0.83	4.16	0.59	0.070	0.035	0.070	0.000	602.10	274.44
	0.000825	49.	49.	49.	0	0	0	0.00	342.60	617.04
*SECNO	10320.000									
3470 ENCROACHMENT STATIONS=			466.2		581.2	TYPE=	1	TARGET=	114.980	
	10320.00	8.82	611.92	0.00	611.88	612.27	0.34	0.68	0.04	611.60
	1231.	1.	1227.	3.	5.	260.	8.	205.	80.	611.40
	1.28	0.24	4.71	0.33	0.070	0.035	0.070	0.000	603.10	466.23
	0.001368	655.	655.	655.	2	0	0	0.00	114.98	581.21
CCHV=	0.300	CEHV=	0.500							
*SECNO	10369.000									
3265 DIVIDED FLOW										
3280 CROSS SECTION		10369.00	EXTENDED		0.38	FEET				
3470 ENCROACHMENT STATIONS=			402.0		596.0	TYPE=	1	TARGET=	194.000	
	10369.00	2.68	611.88	0.00	611.84	612.36	0.49	0.03	0.07	100000.00
	1231.	0.	1227.	4.	0.	218.	29.	206.	81.	612.80
	1.28	0.00	5.62	0.15	0.000	0.013	0.070	0.000	604.20	402.00
	0.000282	49.	49.	49.	2	0	0	0.00	150.80	596.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.63	0.00	20.00	0.00	28.00	0.00	604.20	604.20

*SECNO 10431.000
3700. BRIDGE STENCL= 362.54 STENCR= 600.00

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 10431.00 EXTENDED 1.26 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
619.38	612.36	0.00	738.	494.	78.	128.	610.60	612.20

3470 ENCROACHMENT STATIONS= 362.5 600.0 TYPE= 1 TARGET= 237.460

10431.00	8.56	612.76	0.00	612.74	613.08	0.32	0.72	0.00	612.20
1231.	3.	1185.	43.	16.	255.	152.	206.	81.	612.80
1.28	0.16	4.65	0.28	0.070	0.013	0.070	0.000	604.20	362.54
0.000171	62.	62.	62.	2	0	5	0.00	235.66	600.00

CCHV= 0.100 CEHV= 0.300

*SECNO 10480.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10480.00 EXTENDED 0.92 FEET

3470 ENCROACHMENT STATIONS= 320.0 655.0 TYPE= 1 TARGET= 335.000

10480.00	9.82	612.92	0.00	612.92	613.11	0.19	0.01	0.01	611.60
1231.	39.	1129.	63.	88.	306.	112.	207.	81.	611.40
1.29	0.44	3.69	0.56	0.070	0.035	0.070	0.000	603.10	320.00
0.000675	49.	49.	49.	2	0	0	0.00	325.96	655.00

*SECNO 11370.000

3470 ENCROACHMENT STATIONS= 486.0 556.0 TYPE= 1 TARGET= 70.000

11370.00	9.07	613.57	0.00	613.55	613.97	0.40	0.80	0.06	608.80
1231.	57.	1162.	12.	37.	223.	15.	215.	85.	611.90
1.34	1.52	5.22	0.30	0.070	0.035	0.070	0.000	604.50	486.00
0.001251	890.	890.	890.	2	0	0	0.00	70.00	556.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 11419.000

3470 ENCROACHMENT STATIONS= 402.0 446.0 TYPE= 1 TARGET= 44.000

11419.00	8.71	613.71	0.00	613.69	614.04	0.33	0.04	0.02	100000.00
1231.	0.	1231.	0.	0.	267.	0.	215.	85.	100000.00
1.34	0.00	4.61	0.00	0.000	0.026	0.000	0.000	605.00	402.00
0.000689	49.	49.	49.	2	0	0	0.00	44.00	446.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.91	2.63	0.00	25.00	0.00	130.00	0.00	605.00	605.00

*SECNO 11480.000
3700. BRIDGE STENCL= 340.00 STENCR= 510.00
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.37	614.04	0.00	212.	1015.	130.	152.	611.10	614.60

3470 ENCROACHMENT STATIONS= 340.0 510.0 TYPE= 1 TARGET= 170.000

11480.00	10.32	615.32	0.00	615.15	615.51	0.20	1.48	0.00	614.80
1231.	4.	1220.	7.	21.	341.	30.	215.	85.	614.60
1.35	0.19	3.57	0.24	0.070	0.026	0.070	0.000	605.00	340.00
0.000327	61.	61.	61.	2	0	2	0.00	170.00	510.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11510.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 397.0 549.0 TYPE= 1 TARGET= 152.000

11510.00	10.18	615.38	0.00	615.28	615.53	0.15	0.01	0.00	613.60
1231.	28.	1203.	0.	74.	387.	0.	216.	86.	100000.00
1.35	0.38	3.11	0.00	0.070	0.035	0.000	0.000	605.20	397.00
0.000434	30.	30.	30.	2	0	0	0.00	139.85	549.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11510.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 397.0 549.0 TYPE= 1 TARGET= 152.000

11510.00	10.18	615.38	0.00	615.28	615.53	0.15	0.00	0.00	613.60
1231.	28.	1203.	0.	74.	387.	0.	216.	86.	100000.00
1.35	0.38	3.11	0.00	0.070	0.035	0.000	0.000	605.20	397.00
0.000434	0.	0.	0.	0	0	0	0.00	139.85	549.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11559.000

3470 ENCROACHMENT STATIONS= 503.0 588.0 TYPE= 1 TARGET= 85.000

11559.00	9.99	615.39	0.00	615.26	615.55	0.16	0.02	0.01	100000.00
1231.	0.	1229.	2.	0.	383.	11.	216.	86.	614.90
1.35	0.00	3.21	0.16	0.000	0.026	0.070	0.000	605.40	503.00
0.000253	49.	49.	49.	1	0	0	0.00	85.00	588.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	26.00	0.00	205.00	0.00	605.40	605.40

*SECNO 11622.000
3700. BRIDGE STENCL= 501.00 STENCR= 671.00
ERROR ELTRD.LT.MIN ROAD ELEV, ELTRD SET EQUAL TO MIN ROAD ELEV
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.38	615.55	0.00	2.	1232.	205.	218.	613.80	616.30

3470 ENCROACHMENT STATIONS= 501.0 671.0 TYPE= 1 TARGET= 170.000

11622.00	10.86	616.26	0.00	616.13	616.39	0.12	0.83	0.00	100000.00
1231.	0.	1210.	21.	0.	429.	89.	217.	86.	614.90
1.36	0.00	2.82	0.24	0.000	0.026	0.070	0.000	605.40	501.00
0.000176	63.	63.	63.	2	0	2	0.00	170.00	671.00

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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN      SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID     ENDST

CCHV=   0.100 CEHV=   0.300
*SECNO 11671.000
3280 CROSS SECTION  11671.00 EXTENDED      0.39 FEET

3470 ENCROACHMENT STATIONS=     320.0     650.0  TYPE=     1  TARGET=     330.000
 11671.00     11.19    616.39      0.00    616.26    616.41      0.02      0.01      0.01    613.60
    1231.        0.        0.    1231.        0.        0.    1033.       218.       86. 100000.00
     1.37      0.00      0.00      1.19     0.000     0.000     0.070     0.000    605.20    320.00
0.000392       49.       49.       49.         2         0         0      0.00    330.00    650.00

*SECNO 12346.000
3280 CROSS SECTION  12346.00 EXTENDED      1.55 FEET

3470 ENCROACHMENT STATIONS=     133.0     673.0  TYPE=     1  TARGET=     540.000
 12346.00      9.85    616.55      0.00    616.41    616.57      0.02      0.16      0.00    612.80
    1231.       797.       396.       38.      1276.       222.       138.       238.       93.    614.90
     1.56      0.62      1.78      0.28     0.070     0.035     0.070     0.000    606.70    133.00
0.000157       675.       675.       675.         2         0         0      0.00    540.00    673.00

*SECNO 12395.000
3280 CROSS SECTION  12395.00 EXTENDED      0.56 FEET

3470 ENCROACHMENT STATIONS=       1.0     489.4  TYPE=     1  TARGET=     488.390
 12395.00     10.95    616.55      0.00    616.41    616.57      0.02      0.01      0.00    614.20
    1231.       754.       436.       41.      1340.       252.       109.       240.       93.    614.00
     1.57      0.56      1.73      0.37     0.070     0.035     0.070     0.000    605.60      1.00
0.000132       49.       49.       49.         0         0         0      0.00    488.39    489.39

CCHV=   0.300 CEHV=   0.500
*SECNO 12397.000
     3700.   BRIDGE STENCL=       1.00    STENCR=     491.56
3280 CROSS SECTION  12397.00 EXTENDED      0.56 FEET

3370 NORMAL BRIDGE,NRD=  4 MIN ELTRD=  614.00 MAX ELLC=  614.20
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=			1.0	491.6	TYPE=	1	TARGET=	490.560	
12397.00	10.97	616.57	0.00	616.43	616.58	0.01	0.00	0.00	614.20
1231.	959.	220.	53.	1340.	217.	112.	240.	93.	614.00
1.57	0.72	1.01	0.47	0.070	0.035	0.070	0.000	605.60	1.00
0.000214	2.	2.	2.	1	0	0	-35.30	490.56	491.56
*SECNO 12403.000									
3280 CROSS SECTION 12403.00 EXTENDED 0.57 FEET									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 612.80									
3470 ENCROACHMENT STATIONS=			1.0	491.7	TYPE=	1	TARGET=	490.730	
12403.00	10.97	616.57	0.00	616.43	616.58	0.01	0.00	0.00	614.20
1231.	959.	219.	53.	1343.	217.	112.	241.	94.	614.00
1.58	0.71	1.01	0.47	0.070	0.035	0.070	0.000	605.60	1.00
0.000212	6.	6.	6.	0	0	0	-35.30	490.73	491.73
CCHV= 0.100 CEHV= 0.300									
*SECNO 12405.000									
3280 CROSS SECTION 12405.00 EXTENDED 0.57 FEET									
3470 ENCROACHMENT STATIONS=			15.0	505.0	TYPE=	1	TARGET=	490.000	
12405.00	10.96	616.56	0.00	616.42	616.58	0.02	0.00	0.00	614.20
1231.	746.	439.	46.	1310.	253.	127.	241.	94.	614.00
1.58	0.57	1.74	0.36	0.070	0.035	0.070	0.000	605.60	15.00
0.000134	2.	2.	2.	0	0	0	0.00	490.00	505.00
*SECNO 12454.000									
3280 CROSS SECTION 12454.00 EXTENDED 1.57 FEET									
3470 ENCROACHMENT STATIONS=			62.0	702.0	TYPE=	1	TARGET=	640.000	
12454.00	9.87	616.57	0.00	616.43	616.59	0.02	0.01	0.00	612.80
1231.	819.	389.	44.	1451.	223.	170.	243.	94.	614.90
1.59	0.56	1.65	0.26	0.070	0.035	0.070	0.000	606.70	62.00
0.000134	49.	49.	49.	0	0	0	0.00	640.00	702.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14585.000

3470 ENCROACHMENT STATIONS= 457.0 561.0 TYPE= 1 TARGET= 104.000

14585.00	10.09	616.99	0.00	616.84	617.44	0.45	0.72	0.13	615.80
1231.	21.	1203.	6.	29.	220.	11.	294.	112.	616.20
1.70	0.73	5.46	0.58	0.070	0.035	0.070	0.000	606.90	457.00
0.002016	2131.	2131.	2131.	2	0	0	0.00	104.00	561.00

CCHV= 0.300 CEHV= 0.500

*SECNO 14634.000

3470 ENCROACHMENT STATIONS= 346.0 526.0 TYPE= 1 TARGET= 180.000

14634.00	11.32	617.22	0.00	617.15	617.51	0.29	0.02	0.05	616.00
1231.	15.	1188.	28.	57.	269.	97.	295.	113.	616.00
1.71	0.27	4.41	0.29	0.070	0.013	0.070	0.000	605.90	346.00
0.000152	49.	49.	49.	2	0	0	0.00	180.00	526.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	76.00	0.00	605.90	605.90

*SECNO 14672.000

3700. BRIDGE STENCL= 351.00 STENCR= 521.00

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.57	617.51	0.00	924.	306.	76.	94.	613.70	616.00

3470 ENCROACHMENT STATIONS= 351.0 521.0 TYPE= 1 TARGET= 170.000

14672.00	11.43	617.33	0.00	617.15	617.61	0.28	0.10	0.00	616.00
1231.	16.	1185.	29.	58.	274.	100.	295.	113.	616.00
1.71	0.28	4.33	0.29	0.070	0.013	0.070	0.000	605.90	351.00
0.000142	38.	38.	38.	2	0	4	0.00	170.00	521.00

CCHV= 0.100 CEHV= 0.300

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14721.000

3470 ENCROACHMENT STATIONS= 442.0 572.0 TYPE= 1 TARGET= 130.000

14721.00	10.50	617.40	0.00	617.15	617.64	0.24	0.02	0.00	615.80
1231.	0.	0.	1231.	0.	0.	313.	295.	113.	100000.00
1.71	0.00	0.00	3.93	0.000	0.000	0.070	0.000	606.90	442.00
0.004116	49.	49.	49.	2	0	0	0.00	130.00	572.00

*SECNO 17010.000

2800 NAT Q1= 484.46 WSEL= 620.44 ENC Q1= 484.46 WSEL= 620.54 RATIO= 0.0000

NAT Q1= 503. RATIOS LOB,CH,ROB= 0.0534 0.8328 0.1138 WSEL= 620.54

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 205.4 593.4 TYPE= 4 TARGET= 0.037

17010.00	11.21	620.51	0.00	620.44	620.72	0.20	3.08	0.00	617.90
1231.	43.	1068.	120.	74.	275.	129.	316.	121.	617.10
1.90	0.59	3.88	0.93	0.070	0.035	0.070	0.000	609.30	205.40
0.000659	2289.	2289.	2289.	3	0	0	0.00	187.53	593.41

CCHV= 0.300 CEHV= 0.500

*SECNO 17059.000

3470 ENCROACHMENT STATIONS= 160.0 445.0 TYPE= 1 TARGET= 285.000

17059.00	10.91	620.51	0.00	620.46	620.78	0.27	0.03	0.03	610.80
1231.	337.	815.	79.	328.	162.	58.	317.	122.	610.80
1.90	1.03	5.04	1.35	0.060	0.035	0.070	0.000	609.60	160.00
0.000666	49.	49.	49.	2	0	0	0.00	285.00	445.00

SPECIAL BRIDGE

SB	XK	XKQR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.20	2.63	0.00	15.00	0.00	80.00	0.00	609.60	609.60

*SECNO 17239.000

3700. BRIDGE STENCL= 110.00 STENCR= 455.00

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
632.28	620.78	0.00	1015.	219.	80.	107.	616.70	619.90

3470 ENCROACHMENT STATIONS=		110.0	455.0	TYPE=	1	TARGET=	345.000		
17239.00	11.09	620.69	0.00	620.61	620.88	0.19	0.10	0.00	610.80
1231.	355.	732.	144.	404.	165.	107.	319.	123.	610.80
1.92	0.88	4.44	1.34	0.060	0.035	0.070	0.000	609.60	110.00
0.000507	180.	180.	180.	2	0	5	0.00	345.00	455.00

CCHV= 0.100 CEHV= 0.300
*SECNO 17288.000
2800 NAT Q1= 527.71 WSEL= 620.67 ENC Q1= 527.71 WSEL= 620.77 RATIO= 0.0000
NAT Q1= 550. RATIOS LOB,CH,ROB= 0.0765 0.7992 0.1243 WSEL= 620.77

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=		156.5	595.8	TYPE=	4	TARGET=	0.040		
17288.00	11.44	620.74	0.00	620.67	620.91	0.17	0.03	0.00	617.90
1231.	68.	1030.	132.	140.	283.	146.	320.	123.	617.10
1.92	0.49	3.64	0.90	0.070	0.035	0.070	0.000	609.30	156.46
0.000559	49.	49.	49.	1	0	0	0.00	343.87	595.80

*SECNO 18250.000
2800 NAT Q1= 775.91 WSEL= 621.14 ENC Q1= 775.91 WSEL= 621.24 RATIO= 0.0000
NAT Q1= 816. RATIOS LOB,CH,ROB= 0.4214 0.4372 0.1414 WSEL= 621.24

3470 ENCROACHMENT STATIONS=		136.6	590.6	TYPE=	4	TARGET=	0.049		
18250.00	9.23	621.23	0.00	621.14	621.27	0.04	0.35	0.01	617.60
1231.	512.	568.	151.	833.	236.	200.	340.	132.	617.80
2.10	0.62	2.40	0.75	0.070	0.035	0.070	0.000	612.00	136.59
0.000255	962.	962.	962.	2	0	0	0.00	454.04	590.63

*SECNO 18299.000
2800 NAT Q1= 984.71 WSEL= 621.16 ENC Q1= 984.71 WSEL= 621.26 RATIO= 0.0000
NAT Q1= 1033. RATIOS LOB,CH,ROB= 0.3347 0.6076 0.0577 WSEL= 621.26

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

3280 CROSS SECTION 18299.00 EXTENDED 1.44 FEET

3470 ENCROACHMENT STATIONS= 60.3 515.7 TYPE= 4 TARGET= 0.047

18299.00	10.65	621.25	0.00	621.16	621.28	0.03	0.01	0.00	619.20
1231.	400.	787.	44.	798.	437.	101.	342.	133.	618.40
2.11	0.50	1.80	0.43	0.070	0.035	0.070	0.000	610.60	60.31
0.000159	49.	49.	49.	1	0	0	0.00	455.35	515.66

CCHV= 0.300 CEHV= 0.500
*SECNO 18301.000
3700. BRIDGE STENCL= 140.00 STENCR= 590.00
3280 CROSS SECTION 18301.00 EXTENDED 1.46 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 619.20

3470 ENCROACHMENT STATIONS= 140.0 590.0 TYPE= 1 TARGET= 450.000

18301.00	10.67	621.27	0.00	621.19	621.29	0.02	0.00	0.00	619.20
1231.	590.	536.	105.	677.	395.	175.	342.	133.	618.40
2.11	0.87	1.36	0.60	0.070	0.035	0.070	0.000	610.60	140.00
0.000431	2.	2.	2.	1	0	0	-42.75	450.00	590.00

*SECNO 18307.000

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 616.60

3470 ENCROACHMENT STATIONS= 140.0 593.0 TYPE= 1 TARGET= 453.000

18307.00	10.67	621.27	0.00	621.19	621.29	0.02	0.00	0.00	619.20
1231.	590.	534.	107.	680.	396.	179.	342.	133.	618.40
2.12	0.87	1.35	0.60	0.070	0.035	0.070	0.000	610.60	140.00
0.000425	6.	6.	6.	0	0	0	-42.75	453.00	593.00

CCHV= 0.100 CEHV= 0.300
*SECNO 18309.000

3470 ENCROACHMENT STATIONS= 140.0 594.0 TYPE= 1 TARGET= 454.000

18309.00	10.66	621.26	0.00	621.18	621.30	0.04	0.00	0.01	619.20
1231.	364.	801.	66.	679.	438.	180.	342.	133.	618.40
2.12	0.54	1.83	0.37	0.070	0.035	0.070	0.000	610.60	140.00
0.000163	2.	2.	2.	1	0	0	0.00	454.00	594.00

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	SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
	Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
	TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
	SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 18358.000										
3470 ENCROACHMENT STATIONS=			20.0		670.0	TYPE=	1	TARGET=	650.000	
	18358.00	9.27	621.27	0.00	621.18	621.31	0.04	0.01	0.00	617.60
	1231.	523.	533.	175.	952.	238.	287.	344.	133.	617.80
	2.13	0.55	2.24	0.61	0.070	0.035	0.070	0.000	612.00	20.00
	0.000220	49.	49.	49.	0	0	0	0.00	650.00	670.00
*SECNO 18630.000										
3470 ENCROACHMENT STATIONS=			430.0		643.0	TYPE=	1	TARGET=	213.000	
	18630.00	10.69	621.29	0.00	621.21	621.42	0.13	0.09	0.03	621.10
	1231.	0.	1228.	3.	0.	426.	7.	350.	136.	620.00
	2.15	0.10	2.88	0.36	0.070	0.035	0.070	0.000	610.60	496.79
	0.000508	272.	272.	272.	2	0	0	0.00	92.29	589.08
*SECNO 18679.000										
3265 DIVIDED FLOW										
3470 ENCROACHMENT STATIONS=			65.0		570.0	TYPE=	1	TARGET=	505.000	
	18679.00	10.49	621.29	0.00	621.20	621.47	0.18	0.03	0.01	621.30
	1231.	111.	1107.	13.	226.	312.	43.	350.	136.	621.10
	2.16	0.49	3.55	0.30	0.070	0.035	0.070	0.000	610.80	65.00
	0.000752	49.	49.	49.	2	0	0	0.00	504.35	570.00
CCHV= 0.300 CEHV= 0.500										
*SECNO 18681.000										
3700. BRIDGE STENCL= 250.00 STENCR= 450.00										
3265 DIVIDED FLOW										
3320 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 621.30										
3470 ENCROACHMENT STATIONS=			250.0		450.0	TYPE=	1	TARGET=	200.000	
	18681.00	10.42	621.22	0.00	621.16	621.54	0.31	0.00	0.07	621.30
	1231.	177.	1124.	0.	113.	241.	0.	350.	136.	100000.00
	2.16	0.95	4.67	0.00	0.070	0.026	0.000	0.000	610.80	250.00
	0.002533	2.	2.	2.	9	0	0	-63.23	195.59	450.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 18717.000

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 619.60

3470 ENCROACHMENT STATIONS=			214.0	486.0	TYPE=	1	TARGET=	272.000	
18717.00	10.64	621.44	0.00	621.37	621.66	0.22	0.10	0.03	621.30
1231.	206.	1017.	8.	182.	250.	13.	350.	136.	621.10
2.16	1.13	4.07	0.60	0.070	0.026	0.070	0.000	610.80	214.00
0.002781	36.	36.	36.	3	0	0	-69.73	272.00	486.00

CCHV= 0.100 CEHV= 0.300
*SECNO 18719.000

3470 ENCROACHMENT STATIONS=			210.0	486.0	TYPE=	1	TARGET=	276.000	
18719.00	10.70	621.50	0.00	621.39	621.67	0.17	0.00	0.00	621.30
1231.	114.	1112.	5.	197.	323.	15.	351.	136.	621.10
2.16	0.58	3.45	0.33	0.070	0.035	0.070	0.000	610.80	210.00
0.000675	2.	2.	2.	2	0	0	0.00	276.00	486.00

*SECNO 18768.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=			190.0	667.0	TYPE=	1	TARGET=	477.000	
18768.00	11.04	621.64	0.00	621.52	621.72	0.08	0.05	0.01	621.10
1231.	0.	0.	1231.	0.	0.	551.	351.	136.	100000.00
2.17	0.00	0.00	2.23	0.000	0.000	0.070	0.000	610.60	190.00
0.001325	49.	49.	49.	2	0	0	0.00	270.00	667.00

*SECNO 19845.000

3470 ENCROACHMENT STATIONS=			375.0	655.0	TYPE=	1	TARGET=	280.000	
19845.00	10.15	622.65	0.00	622.54	622.77	0.12	1.03	0.01	621.50
1231.	278.	775.	178.	282.	225.	207.	367.	143.	619.80
2.29	0.99	3.45	0.86	0.070	0.035	0.070	0.000	612.50	375.00
0.000727	1077.	1077.	1077.	2	0	0	0.00	280.00	655.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 19894.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS=			219.0	535.6	TYPE=	1	TARGET=	316.640	
19894.00	9.62	622.62	0.00	622.49	622.89	0.27	0.05	0.07	623.50
1231.	281.	950.	0.	269.	201.	0.	367.	144.	100000.00
2.29	1.04	4.72	0.00	0.070	0.035	0.000	0.000	613.00	218.99
0.001519	49.	49.	49.	2	0	0	0.00	256.57	535.63

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.58	2.63	0.00	14.00	0.00	99.00	0.00	613.00	613.00

*SECNO 20007.000
3700. BRIDGE STENCL= 218.07 STENCR= 535.64

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

All in LOB

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
628.82	622.89	0.00	829.	404.	99.	126.	622.00	623.50

make less efficient

3470 ENCROACHMENT STATIONS=			218.1	535.6	TYPE=	1	TARGET=	317.570	
20007.00	10.12	623.12	0.00	623.01	623.29	0.17	0.40	0.00	623.50
1231.	375.	856.	0.	382.	218.	0.	369.	144.	100000.00
2.30	0.98	3.92	0.00	0.070	0.035	0.000	0.000	613.00	218.07
0.000975	113.	113.	113.	2	0	5	0.00	265.86	535.64

Stage may be ~ 5 ft low

CCHV= 0.100 CEHV= 0.300
*SECNO 20056.000

3470 ENCROACHMENT STATIONS=			389.0	754.0	TYPE=	1	TARGET=	365.000	
20056.00	10.76	623.26	0.00	623.18	623.33	0.07	0.03	0.01	621.50
1231.	272.	678.	282.	318.	248.	410.	370.	145.	619.80
2.31	0.85	2.74	0.69	0.070	0.035	0.070	0.000	612.50	389.00
0.000404	49.	49.	49.	2	0	0	0.00	365.00	754.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 21606.000

3470 ENCROACHMENT STATIONS=			35.0	550.0	TYPE=	1	TARGET=	515.000		
21606.00	9.06	623.86	0.00	623.73	623.91	0.05	0.58	0.00	621.80	
998.	442.	544.	12.	770.	222.	23.	405.	160.	621.80	
2.58	0.57	2.45	0.54	0.070	0.035	0.070	0.000	614.80	35.00	
0.000348	1550.	1550.	1550.	2	0	0	0.00	515.00	550.00	

*SECNO 21655.000

3470 ENCROACHMENT STATIONS=			1.0	491.4	TYPE=	1	TARGET=	490.410		
21655.00	8.12	623.92	0.00	623.79	623.93	0.01	0.01	0.00	622.60	
580.	344.	228.	8.	847.	186.	41.	406.	161.	622.50	
2.59	0.41	1.23	0.20	0.070	0.035	0.070	0.000	615.80	1.00	
0.000120	49.	49.	49.	2	0	0	0.00	490.41	491.41	

CCHV= 0.300 CEHV= 0.500
*SECNO 21657.000
3700. BRIDGE STENCL= 1.00 STENCR= 491.44

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 621.10 MAX ELLC= 621.80

3470 ENCROACHMENT STATIONS=			1.0	491.4	TYPE=	1	TARGET=	490.440		
21657.00	8.12	623.92	0.00	623.79	623.93	0.02	0.00	0.00	622.60	
580.	424.	146.	10.	850.	77.	42.	406.	161.	622.50	
2.60	0.50	1.88	0.24	0.070	0.013	0.070	0.000	615.80	1.00	
0.000180	2.	2.	2.	8	0	0	-109.00	490.44	491.44	

*SECNO 21680.000

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 622.60 MAX ELLC= 621.80

3470 ENCROACHMENT STATIONS=			10.0	490.0	TYPE=	1	TARGET=	480.000		
21680.00	8.12	623.92	0.00	623.79	623.94	0.02	0.00	0.00	622.60	
580.	423.	146.	10.	843.	77.	41.	407.	161.	622.50	
2.60	0.50	1.90	0.24	0.070	0.013	0.070	0.000	615.80	10.00	
0.000182	23.	23.	23.	0	0	0	-109.00	480.00	490.00	

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 21682.000

3470 ENCROACHMENT STATIONS= 10.0 490.0 TYPE= 1 TARGET= 480.000

21682.00	8.13	623.93	0.00	623.80	623.94	0.01	0.00	0.00	622.60
580.	344.	228.	8.	843.	186.	41.	407.	161.	622.50
2.60	0.41	1.23	0.20	0.070	0.035	0.070	0.000	615.80	10.00
0.000120	2.	2.	2.	0	0	0	0.00	480.00	490.00

*SECNO 21731.000

3470 ENCROACHMENT STATIONS= 85.0 550.0 TYPE= 1 TARGET= 465.000

21731.00	9.13	623.93	0.00	623.80	623.95	0.02	0.01	0.00	621.80
580.	257.	315.	7.	753.	224.	24.	408.	162.	621.80
2.62	0.34	1.40	0.31	0.070	0.035	0.070	0.000	614.80	85.00
0.000112	49.	49.	49.	0	0	0	0.00	465.00	550.00

*SECNO 23500.000
2800 NAT Q1= 261.19 WSEL= 624.14 ENC Q1= 261.19 WSEL= 624.24 RATIO= 0.0000
NAT Q1= 279. RATIOS LOB,CH,ROB= 0.0751 0.7608 0.1641 WSEL= 624.24

3470 ENCROACHMENT STATIONS= 470.9 641.8 TYPE= 4 TARGET= 0.064

23500.00	7.04	624.24	0.00	624.14	624.33	0.09	0.36	0.02	622.50
580.	27.	472.	82.	44.	180.	142.	436.	175.	622.50
2.84	0.61	2.62	0.57	0.070	0.035	0.070	0.000	617.20	470.89
0.000492	1769.	1769.	1769.	2	0	0	0.00	170.86	641.76

PRINTED IN U.S.A.

THIS RUN EXECUTED 24 AUG 84 11:13:27

****
HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-YEAR FREQU

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
200.000	602.00	0.00	602.25	236.54	97.74	1129.73	84.54	0.00	0.00	600.00	636.00	0.00
200.000	602.00	0.00	602.28	113.75	81.74	1163.45	66.81	0.04	566.34	600.00	636.00	680.09
650.000	602.44	0.00	602.62	351.91	249.76	1058.62	3.62	0.00	0.00	500.00	544.00	0.00
650.000	602.48	0.03	602.67	148.53	221.28	1090.72	0.00	0.04	395.47	500.00	544.00	544.00
699.000	602.41	0.00	602.76	228.78	43.70	1261.54	6.76	0.00	0.00	490.00	534.00	0.00
699.000	602.45	0.05	602.79	228.78	49.19	1254.84	7.97	228.78	338.52	490.00	534.00	567.30
714.000	602.71	0.00	602.99	336.83	84.44	1213.45	14.11	0.00	0.00	490.00	534.00	0.00
714.000	602.85	0.13	603.10	280.00	107.45	1191.51	13.04	280.00	270.00	490.00	534.00	550.00
763.000	602.94	0.00	603.04	585.93	378.34	922.48	11.18	0.00	0.00	500.00	544.00	0.00
763.000	603.05	0.10	603.15	280.00	370.83	928.17	12.99	280.00	287.00	500.00	544.00	567.00
1313.000	603.21	0.00	603.29	700.00	439.28	712.41	160.31	0.00	0.00	500.00	532.00	0.00
1313.000	603.30	0.09	603.45	250.00	243.28	871.88	196.85	250.00	392.00	500.00	532.00	642.00
1362.000	602.97	0.00	603.62	33.14	0.00	1311.40	0.60	0.00	0.00	200.00	230.00	0.00
1362.000	603.12	0.15	603.75	27.80	0.00	1312.00	0.00	30.00	200.00	200.00	230.00	230.00
1399.000	605.21	0.00	605.55	60.80	0.00	1270.23	41.77	0.00	0.00	200.00	230.00	0.00
1399.000	605.37	0.17	605.70	60.79	0.00	1263.19	48.81	60.79	200.71	200.00	230.00	261.50
1448.000	605.65	0.00	605.66	700.00	708.69	351.02	252.29	0.00	0.00	500.00	532.00	0.00
1448.000	605.78	0.13	605.80	350.00	450.47	500.88	360.65	350.00	341.00	500.00	532.00	691.00
1998.000	605.68	0.00	605.69	600.00	636.38	386.67	288.96	0.00	0.00	300.00	335.00	0.00
1998.000	605.83	0.15	605.84	599.00	637.34	373.76	297.91	599.00	1.00	300.00	335.00	600.00
2047.000	605.67	0.00	605.70	600.00	178.77	600.03	533.20	0.00	0.00	300.00	333.00	0.00
2047.000	605.82	0.15	605.85	599.00	195.09	577.45	539.45	599.00	1.00	300.00	333.00	600.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
2049.000	605.69	0.00	605.70	600.00	267.81	245.21	798.98	0.00	0.00	300.00	333.00	0.00
2049.000	605.84	0.15	605.85	599.00	286.22	233.83	791.95	599.00	1.00	300.00	333.00	600.00
2076.000	605.70	0.00	605.71	600.00	269.88	243.93	798.19	0.00	0.00	300.00	333.00	0.00
2076.000	605.85	0.15	605.86	599.00	287.86	232.84	791.30	599.00	1.00	300.00	333.00	600.00
2078.000	605.69	0.00	605.72	600.00	167.49	648.44	496.07	0.00	0.00	300.00	333.00	0.00
2078.000	605.84	0.15	605.87	599.00	182.78	626.20	503.02	599.00	1.00	300.00	333.00	600.00
2127.000	605.72	0.00	605.73	600.00	0.00	0.00	1312.00	0.00	0.00	300.00	0.00	0.00
2127.000	605.87	0.15	605.87	599.00	0.00	0.00	1312.00	599.00	1.00	300.00	0.00	600.00
2477.000	605.73	0.00	605.78	628.34	109.48	881.29	240.24	0.00	0.00	400.00	441.00	0.00
2477.000	605.88	0.14	605.92	400.00	101.78	889.82	239.40	400.00	265.00	400.00	441.00	665.00
2526.000	605.66	0.00	605.82	466.49	130.10	753.17	347.73	0.00	0.00	200.00	228.00	0.00
2526.000	605.83	0.16	605.96	465.74	145.61	716.13	369.27	466.00	17.00	200.00	228.00	483.00
2528.000	605.78	0.00	605.85	478.17	193.24	532.47	505.29	0.00	0.00	200.00	228.00	0.00
2528.000	605.92	0.14	605.98	478.17	208.04	497.96	525.01	478.17	21.83	200.00	228.00	500.00
2532.000	605.79	0.00	605.86	478.58	193.64	531.44	505.92	0.00	0.00	200.00	228.00	0.00
2532.000	605.93	0.14	605.99	478.58	208.39	497.12	525.49	478.58	21.42	200.00	228.00	500.00
2534.000	605.74	0.00	605.88	473.92	136.78	733.66	360.57	0.00	0.00	200.00	228.00	0.00
2534.000	605.89	0.15	606.01	473.00	151.08	700.28	379.65	473.00	14.00	200.00	228.00	487.00
2583.000	605.86	0.00	605.91	663.66	119.55	860.10	251.35	0.00	0.00	400.00	441.00	0.00
2583.000	605.99	0.12	606.03	558.71	111.89	870.39	248.73	0.03	105.52	400.00	441.00	668.03
2633.000	605.73	0.00	605.98	231.86	34.47	1070.26	126.27	0.00	0.00	400.00	433.00	0.00
2633.000	605.87	0.14	606.09	231.00	40.15	1051.13	139.72	231.00	348.00	400.00	433.00	579.00
2682.000	605.85	0.00	606.02	325.12	0.37	1195.06	35.57	0.00	0.00	300.00	345.00	0.00
2682.000	605.97	0.12	606.13	325.00	1.10	1180.20	49.70	325.00	275.00	300.00	345.00	600.00
2684.000	605.80	0.00	606.07	319.96	0.56	1146.60	83.83	0.00	0.00	300.00	345.00	0.00
2684.000	605.94	0.14	606.17	319.96	2.20	1106.77	122.03	319.96	280.04	300.00	345.00	600.00
2725.000	605.97	0.00	606.28	337.47	3.69	1080.67	146.64	0.00	0.00	300.00	345.00	0.00
2725.000	606.09	0.11	606.35	337.47	7.51	1037.02	186.47	337.47	262.53	300.00	345.00	600.00
2727.000	606.16	0.00	606.30	364.95	3.01	1155.20	72.79	0.00	0.00	300.00	345.00	0.00
2727.000	606.23	0.07	606.36	360.00	4.20	1145.01	81.78	360.00	240.00	300.00	345.00	600.00
2826.000	606.18	0.00	606.36	450.57	54.91	1004.06	172.03	0.00	0.00	400.00	433.00	0.00
2826.000	606.24	0.07	606.42	309.13	55.82	994.65	180.53	310.00	338.00	400.00	433.00	648.00
3551.000	606.62	0.00	606.68	700.00	323.92	707.50	199.59	0.00	0.00	400.00	441.00	0.00
3551.000	606.67	0.05	606.72	700.00	330.35	696.62	204.03	0.00	0.00	400.00	441.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3600.000	606.64	0.00	606.70	700.00	388.51	597.35	245.15	0.00	0.00	300.00	330.00	0.00
3600.000	606.69	0.05	606.74	700.00	392.48	586.46	252.06	0.00	0.00	300.00	330.00	0.00
3602.000	606.62	0.00	606.72	700.00	454.46	506.50	270.04	0.00	0.00	300.00	330.00	0.00
3602.000	606.65	0.04	606.78	525.00	422.74	540.95	267.31	525.00	88.00	300.00	330.00	613.00
3634.000	606.64	0.00	606.75	700.00	455.21	503.16	272.63	0.00	0.00	300.00	330.00	0.00
3634.000	606.68	0.04	606.80	530.00	420.21	537.94	272.86	530.00	90.00	300.00	330.00	620.00
3636.000	606.70	0.00	606.75	700.00	393.59	583.41	254.00	0.00	0.00	300.00	330.00	0.00
3636.000	606.76	0.06	606.81	528.18	384.90	604.47	241.62	0.06	66.76	300.00	330.00	594.95
3685.000	606.72	0.00	606.77	700.00	337.37	684.77	208.86	0.00	0.00	400.00	441.00	0.00
3685.000	606.77	0.06	606.83	500.00	334.57	701.31	195.11	500.00	120.00	400.00	441.00	620.00
4480.000	606.96	0.00	607.05	382.31	117.15	792.03	321.82	0.00	0.00	400.00	441.00	0.00
4480.000	607.02	0.06	607.10	380.00	120.76	784.32	325.92	380.00	260.00	400.00	441.00	640.00
4529.000	606.81	0.00	607.23	391.39	25.67	1161.30	44.03	0.00	0.00	300.00	335.00	0.00
4529.000	606.88	0.07	607.28	340.00	27.55	1151.86	51.59	340.00	200.00	300.00	335.00	540.00
4567.000	606.81	0.00	607.23	391.51	25.70	1161.23	44.07	0.00	0.00	300.00	335.00	0.00
4567.000	606.88	0.07	607.28	390.00	29.41	1150.69	50.89	390.00	175.00	300.00	335.00	565.00
4616.000	607.35	0.00	607.37	442.55	0.00	0.00	1231.00	0.00	0.00	400.00	0.00	0.00
4616.000	607.39	0.04	607.41	439.00	0.00	0.00	1231.00	648.00	5.00	400.00	0.00	653.00
5486.000	607.85	0.00	607.96	605.88	525.09	685.82	20.09	0.00	0.00	500.00	528.00	0.00
5486.000	607.89	0.04	608.01	396.67	524.25	706.25	0.00	0.06	131.33	500.00	528.00	528.00
5535.000	607.80	0.00	608.04	499.04	159.19	1065.31	6.50	0.00	0.00	300.00	340.00	0.00
5535.000	607.85	0.05	608.08	498.04	164.74	1058.28	7.99	498.04	1.00	300.00	340.00	499.04
5570.000	607.80	0.00	608.04	499.22	159.25	1065.24	6.51	0.00	0.00	300.00	340.00	0.00
5570.000	607.85	0.05	608.08	498.22	164.79	1058.21	8.00	498.22	1.00	300.00	340.00	499.22
5619.000	607.98	0.00	608.07	611.21	555.75	649.89	25.36	0.00	0.00	500.00	528.00	0.00
5619.000	608.03	0.05	608.11	610.00	565.82	637.92	27.26	610.00	1.00	500.00	528.00	611.00
6944.000	608.86	0.00	609.06	314.85	193.09	933.51	104.40	0.00	0.00	500.00	533.00	0.00
6944.000	608.95	0.09	609.30	80.00	139.08	1091.92	0.00	80.00	450.00	500.00	533.00	530.00
6993.000	608.83	0.00	609.19	39.84	0.00	1231.00	0.00	0.00	0.00	400.00	441.00	0.00
6993.000	609.01	0.18	609.36	38.00	0.00	1231.00	0.00	38.00	402.00	400.00	441.00	440.00
7107.000	609.80	0.00	610.05	344.73	3.81	1192.03	35.16	0.00	0.00	400.00	441.00	0.00
7107.000	609.90	0.11	610.14	270.00	6.64	1180.58	43.79	270.00	320.00	400.00	441.00	590.00
7156.000	610.01	0.00	610.09	527.88	294.93	738.10	197.97	0.00	0.00	500.00	533.00	0.00
7156.000	610.10	0.08	610.18	263.63	289.11	755.01	186.87	0.04	372.39	500.00	533.00	636.02

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
8535.000	610.63	0.00	610.73	410.35	161.59	756.79	312.62	0.00	0.00	500.00	534.00	0.00
8835.000	610.72	0.09	610.82	267.81	148.40	777.58	305.02	0.05	392.90	500.00	534.00	660.71
8884.000	610.63	0.00	610.77	429.16	278.34	747.56	205.10	0.00	0.00	400.00	430.00	0.00
8884.000	610.72	0.09	610.87	278.49	271.80	767.06	192.13	0.05	259.24	400.00	430.00	537.73
8886.000	610.71	0.00	610.79	435.68	385.87	408.19	436.93	0.00	0.00	400.00	430.00	0.00
8886.000	610.77	0.07	610.89	280.00	380.56	450.89	399.55	280.00	250.00	400.00	430.00	530.00
8916.000	610.84	0.00	610.91	449.26	391.11	386.29	453.60	0.00	0.00	400.00	430.00	0.00
8916.000	610.94	0.09	611.02	300.00	388.45	413.56	428.99	300.00	240.00	400.00	430.00	540.00
8918.000	610.82	0.00	610.93	446.74	302.02	703.81	225.16	0.00	0.00	400.00	430.00	0.00
8918.000	610.92	0.10	611.04	291.63	296.76	721.27	212.97	0.06	251.30	400.00	430.00	542.93
8967.000	610.88	0.00	610.96	427.17	186.35	714.07	330.58	0.00	0.00	500.00	534.00	0.00
8967.000	610.99	0.10	611.07	288.09	176.90	729.82	324.28	0.04	378.94	500.00	534.00	667.04
9535.000	611.07	0.00	611.34	314.90	178.05	1029.10	23.84	0.00	0.00	500.00	534.00	0.00
9535.000	611.18	0.11	611.43	285.00	192.41	1009.79	28.80	285.00	330.00	500.00	534.00	615.00
9584.000	611.15	0.00	611.41	389.09	97.44	1015.41	118.15	0.00	0.00	400.00	440.00	0.00
9584.000	611.27	0.12	611.49	386.35	113.08	983.07	134.85	386.35	229.05	400.00	440.00	615.40
9616.000	611.15	0.00	611.41	390.41	98.19	1013.81	119.01	0.00	0.00	400.00	440.00	0.00
9616.000	611.27	0.12	611.49	387.96	113.61	981.93	135.46	387.96	228.24	400.00	440.00	616.20
9665.000	611.23	0.00	611.47	347.57	200.49	999.54	30.97	0.00	0.00	500.00	534.00	0.00
9665.000	611.33	0.10	611.54	342.60	215.97	978.75	36.29	342.60	274.44	500.00	534.00	617.04
10320.000	611.88	0.00	612.23	116.76	0.72	1228.32	1.97	0.00	0.00	500.00	546.00	0.00
10320.000	611.92	0.04	612.27	114.98	1.14	1227.29	2.57	114.98	466.23	500.00	546.00	581.21
10369.000	611.84	0.00	612.33	154.39	0.00	1227.44	3.56	0.00	0.00	400.00	441.00	0.00
10369.000	611.88	0.04	612.36	150.80	0.00	1226.69	4.31	194.00	402.00	400.00	441.00	596.00
10431.000	612.74	0.00	613.07	235.83	2.47	1186.21	42.31	0.00	0.00	400.00	441.00	0.00
10431.000	612.76	0.02	613.08	235.66	2.62	1185.25	43.14	237.46	362.54	400.00	441.00	600.00
10480.000	612.92	0.00	613.10	407.53	40.00	1107.93	83.07	0.00	0.00	500.00	546.00	0.00
10480.000	612.92	0.00	613.11	325.96	38.69	1129.06	63.26	335.00	320.00	500.00	546.00	655.00
11370.000	613.55	0.00	613.95	77.85	56.07	1163.39	11.54	0.00	0.00	512.00	543.00	0.00
11370.000	613.57	0.02	613.97	70.00	56.51	1162.35	12.15	70.00	486.00	512.00	543.00	556.00
11419.000	613.69	0.00	614.02	44.18	0.00	1231.00	0.00	0.00	0.00	400.00	447.00	0.00
11419.000	613.71	0.02	614.04	44.00	0.00	1231.00	0.00	44.00	402.00	400.00	447.00	446.00
11480.000	615.15	0.00	615.36	205.29	1.40	1225.74	3.87	0.00	0.00	400.00	447.00	0.00
11480.000	615.32	0.17	615.51	170.00	3.91	1219.79	7.30	170.00	340.00	400.00	447.00	510.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
11510.000	615.28	0.00	615.38	362.07	42.38	1154.76	33.86	0.00	0.00	500.00	562.00	0.00
11510.000	615.38	0.10	615.53	139.85	28.39	1202.61	0.00	152.00	397.00	500.00	562.00	549.00
11510.000	615.28	0.00	615.38	362.06	42.37	1154.77	33.86	0.00	0.00	500.00	562.00	0.00
11510.000	615.38	0.10	615.53	139.85	28.39	1202.61	0.00	152.00	397.00	500.00	562.00	549.00
11559.000	615.26	0.00	615.43	87.29	0.00	1230.29	0.71	0.00	0.00	500.00	554.00	0.00
11559.000	615.39	0.13	615.55	85.00	0.00	1229.24	1.76	85.00	503.00	500.00	554.00	588.00
11622.000	616.13	0.00	616.25	172.96	0.00	1215.61	15.39	0.00	0.00	500.00	554.00	0.00
11622.000	616.26	0.14	616.39	170.00	0.00	1210.00	21.00	170.00	501.00	500.00	554.00	671.00
11671.000	616.26	0.00	616.28	663.04	0.00	0.00	1231.00	0.00	0.00	500.00	0.00	0.00
11671.000	616.39	0.13	616.41	330.00	0.00	0.00	1231.00	330.00	320.00	500.00	0.00	650.00
12346.000	616.41	0.00	616.42	800.00	810.14	356.69	64.17	0.00	0.00	500.00	533.00	0.00
12346.000	616.55	0.14	616.57	540.00	797.12	395.85	38.02	540.00	133.00	500.00	533.00	673.00
12395.000	616.41	0.00	616.43	760.00	734.48	440.41	56.11	0.00	0.00	400.00	433.00	0.00
12395.000	616.55	0.14	616.57	488.39	754.29	436.14	40.57	488.39	1.00	400.00	433.00	489.39
12397.000	616.43	0.00	616.43	760.00	937.66	221.92	71.42	0.00	0.00	400.00	433.00	0.00
12397.000	616.57	0.14	616.58	490.56	958.73	219.76	52.51	490.56	1.00	400.00	433.00	491.56
12403.000	616.43	0.00	616.44	760.00	937.40	221.41	72.19	0.00	0.00	400.00	433.00	0.00
12403.000	616.57	0.14	616.58	490.73	958.85	219.40	52.74	490.73	1.00	400.00	433.00	491.73
12405.000	616.42	0.00	616.44	760.00	734.68	439.68	56.64	0.00	0.00	400.00	433.00	0.00
12405.000	616.56	0.14	616.58	490.00	746.34	438.89	45.78	490.00	15.00	400.00	433.00	505.00
12454.000	616.43	0.00	616.45	800.00	810.48	354.80	65.73	0.00	0.00	500.00	533.00	0.00
12454.000	616.57	0.14	616.59	640.00	818.82	368.62	43.56	640.00	62.00	500.00	533.00	702.00
14585.000	616.84	0.00	617.33	104.73	14.47	1213.03	3.51	0.00	0.00	500.00	538.00	0.00
14585.000	616.99	0.16	617.44	104.00	21.23	1203.32	6.45	104.00	457.00	500.00	538.00	561.00
14634.000	617.15	0.00	617.41	634.56	30.98	1133.75	66.27	0.00	0.00	400.00	442.00	0.00
14634.000	617.22	0.07	617.51	180.00	15.41	1187.88	27.71	180.00	346.00	400.00	442.00	526.00
14672.000	617.15	0.00	617.41	633.69	30.90	1133.95	66.15	0.00	0.00	400.00	442.00	0.00
14672.000	617.33	0.18	617.51	170.00	15.26	1185.24	29.49	170.00	351.00	400.00	442.00	521.00
14721.000	617.15	0.00	617.44	131.20	0.00	0.00	1231.00	0.00	0.00	500.00	0.00	0.00
14721.000	617.40	0.25	617.64	130.00	0.00	0.00	1231.00	130.00	442.00	500.00	0.00	572.00
17010.000	620.44	0.00	620.64	372.09	55.78	1041.59	133.62	0.00	0.00	500.00	536.00	0.00
17010.000	620.51	0.07	620.72	187.53	43.19	1067.65	120.16	0.04	205.40	500.00	536.00	593.41
17059.000	620.46	0.00	620.68	466.30	312.15	765.35	153.50	0.00	0.00	422.00	437.00	0.00
17059.000	620.51	0.05	620.78	285.00	336.92	815.29	78.80	285.00	160.00	422.00	437.00	445.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
17239.000	620.61	0.00	620.80	469.55	343.17	735.18	152.65	0.00	0.00	422.00	437.00	0.00
17239.000	620.69	0.09	620.88	345.00	355.47	731.77	143.76	345.00	110.00	422.00	437.00	455.00
17288.000	620.67	0.00	620.83	491.41	80.19	1003.38	147.44	0.00	0.00	500.00	536.00	0.00
17288.000	620.74	0.07	620.91	343.87	68.48	1030.26	132.26	0.04	156.46	500.00	536.00	595.80
18250.000	621.14	0.00	621.18	646.28	505.77	553.25	171.98	0.00	0.00	500.00	532.00	0.00
18250.000	621.23	0.09	621.27	454.04	512.03	567.76	151.21	0.05	136.59	500.00	532.00	590.63
18299.000	621.16	0.00	621.20	716.20	402.44	764.08	64.48	0.00	0.00	400.00	468.00	0.00
18299.000	621.25	0.09	621.28	455.35	400.05	786.90	44.05	0.05	60.31	400.00	468.00	515.66
18301.000	621.19	0.00	621.20	718.63	636.21	491.03	103.76	0.00	0.00	400.00	468.00	0.00
18301.000	621.27	0.08	621.29	450.00	589.85	535.94	105.20	450.00	140.00	400.00	468.00	590.00
18307.000	621.19	0.00	621.20	718.79	636.31	490.79	103.90	0.00	0.00	400.00	468.00	0.00
18307.000	621.27	0.08	621.29	453.00	590.08	534.20	106.72	453.00	140.00	400.00	468.00	593.00
18309.000	621.18	0.00	621.21	718.35	404.52	760.64	65.84	0.00	0.00	400.00	468.00	0.00
18309.000	621.26	0.08	621.30	454.00	364.04	801.06	65.90	454.00	140.00	400.00	468.00	594.00
18358.000	621.18	0.00	621.22	651.10	511.41	546.70	172.89	0.00	0.00	500.00	532.00	0.00
18358.000	621.27	0.09	621.31	650.00	522.85	532.73	175.41	650.00	20.00	500.00	532.00	670.00
18630.000	621.21	0.00	621.34	215.69	3.93	1224.89	2.19	0.00	0.00	500.00	578.00	0.00
18630.000	621.29	0.08	621.42	92.29	0.03	1228.42	2.55	213.00	430.00	500.00	578.00	643.00
18679.000	621.20	0.00	621.39	573.95	93.83	1126.40	10.77	0.00	0.00	400.00	453.00	0.00
18679.000	621.29	0.09	621.47	504.35	110.62	1107.35	13.03	505.00	65.00	400.00	453.00	570.00
18681.000	621.16	0.00	621.43	557.24	141.48	1075.70	13.82	0.00	0.00	400.00	453.00	0.00
18681.000	621.22	0.06	621.54	195.59	106.60	1124.40	0.00	200.00	250.00	400.00	453.00	450.00
18717.000	621.37	0.00	621.55	643.58	239.53	947.53	43.94	0.00	0.00	400.00	453.00	0.00
18717.000	621.44	0.08	621.66	272.00	206.07	1016.96	7.97	272.00	214.00	400.00	453.00	486.00
18719.000	621.39	0.00	621.55	657.82	130.21	1075.11	25.68	0.00	0.00	400.00	453.00	0.00
18719.000	621.50	0.10	621.67	276.00	114.25	1111.77	4.98	276.00	210.00	400.00	453.00	486.00
18768.000	621.52	0.00	621.60	271.44	0.00	0.00	1231.00	0.00	0.00	500.00	0.00	0.00
18768.000	621.64	0.12	621.72	270.00	0.00	0.00	1231.00	477.00	190.00	500.00	0.00	667.00
19845.000	622.54	0.00	622.65	569.90	313.63	731.43	185.94	0.00	0.00	500.00	537.00	0.00
19845.000	622.65	0.10	622.77	280.00	278.07	775.26	177.67	280.00	375.00	500.00	537.00	655.00
19894.000	622.49	0.00	622.80	272.57	255.28	975.72	0.00	0.00	0.00	500.00	538.00	0.00
19894.000	622.62	0.13	622.89	256.57	281.45	949.54	0.00	316.64	218.99	500.00	538.00	535.63
20007.000	623.01	0.00	623.19	356.21	364.43	866.57	0.00	0.00	0.00	500.00	538.00	0.00
20007.000	623.12	0.11	623.29	265.86	374.80	856.20	0.00	317.57	218.07	500.00	538.00	535.64

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
20056.000	623.18	0.00	623.23	667.39	360.65	598.47	271.89	0.00	0.00	500.00	537.00	0.00
20056.000	623.26	0.08	623.33	365.00	271.51	677.85	281.63	365.00	389.00	500.00	537.00	754.00
21606.000	623.73	0.00	623.79	578.73	421.22	560.26	16.52	0.00	0.00	500.00	537.00	0.00
21606.000	623.86	0.13	623.91	515.00	441.83	543.88	12.28	515.00	35.00	500.00	537.00	550.00
21655.000	623.79	0.00	623.80	491.40	337.39	236.14	6.47	0.00	0.00	400.00	438.00	0.00
21655.000	623.92	0.13	623.93	490.41	343.60	228.34	8.06	490.41	1.00	400.00	438.00	491.41
21657.000	623.79	0.00	623.81	491.42	426.24	145.58	8.18	0.00	0.00	400.00	438.00	0.00
21657.000	623.92	0.13	623.93	490.44	423.51	146.47	10.02	490.44	1.00	400.00	438.00	491.44
21680.000	623.79	0.00	623.81	491.45	426.23	145.58	8.19	0.00	0.00	400.00	438.00	0.00
21680.000	623.92	0.13	623.94	480.00	423.48	146.48	10.04	480.00	10.00	400.00	438.00	490.00
21682.000	623.80	0.00	623.81	491.50	337.53	235.98	6.50	0.00	0.00	400.00	438.00	0.00
21682.000	623.93	0.13	623.94	480.00	343.55	228.29	8.16	480.00	10.00	400.00	438.00	490.00
21731.000	623.80	0.00	623.82	580.71	254.19	315.55	10.26	0.00	0.00	500.00	537.00	0.00
21731.000	623.93	0.12	623.95	465.00	257.28	315.26	7.46	465.00	85.00	500.00	537.00	550.00
23500.000	624.14	0.00	624.22	395.23	38.92	455.59	85.49	0.00	0.00	500.00	537.00	0.00
23500.000	624.24	0.10	624.33	170.86	26.88	471.54	81.58	0.06	470.89	500.00	537.00	641.76

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SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
200.000	0.00	0.00	0.00	591.40	1312.00	602.00	0.00	602.25	8.65	4.35	486.50	445.97
200.000	0.00	0.00	0.00	591.40	1312.00	602.00	0.00	602.28	9.18	4.48	410.14	433.04
650.000	450.00	0.00	0.00	592.00	1312.00	602.44	0.00	602.62	7.41	3.75	600.08	481.98
650.000	450.00	0.00	0.00	592.00	1312.00	602.48	0.00	602.67	7.92	3.84	505.82	466.18
699.000	49.00	0.00	0.00	592.20	1312.00	602.41	0.00	602.76	13.83	4.83	343.08	352.75
699.000	49.00	0.00	0.00	592.20	1312.00	602.45	0.00	602.79	13.33	4.77	353.81	359.31
714.000	15.00	601.10	600.00	592.20	1312.00	602.71	0.00	602.99	10.82	4.42	426.44	398.83
714.000	15.00	601.10	600.00	592.20	1312.00	602.85	0.00	603.10	9.71	4.25	452.82	421.00
763.000	49.00	0.00	0.00	592.00	1312.00	602.94	0.00	603.04	4.39	3.03	841.03	626.33
763.000	49.00	0.00	0.00	592.00	1312.00	603.05	0.00	603.15	4.23	3.00	761.11	638.10
1313.000	550.00	0.00	0.00	593.40	1312.00	603.21	0.00	603.29	4.65	3.11	1057.37	608.27
1313.000	550.00	0.00	0.00	593.40	1312.00	603.30	0.00	603.45	6.68	3.76	665.85	507.50
1362.000	49.00	0.00	0.00	594.00	1312.00	602.97	0.00	603.62	25.45	6.50	202.88	260.09
1362.000	49.00	0.00	0.00	594.00	1312.00	603.12	0.00	603.75	24.49	6.38	205.70	265.14
1399.000	37.00	606.80	600.70	594.00	1312.00	605.21	0.00	605.55	10.47	4.79	308.13	405.42
1399.000	37.00	606.80	600.70	594.00	1312.00	605.37	0.00	605.70	9.80	4.67	318.19	419.05
1448.000	49.00	0.00	0.00	593.40	1312.00	605.65	0.00	605.66	0.42	1.14	2767.96	2015.08
1448.000	49.00	0.00	0.00	593.40	1312.00	605.78	0.00	605.80	0.82	1.61	1684.11	1444.64
1998.000	550.00	0.00	0.00	594.00	1312.00	605.68	0.00	605.69	0.59	1.28	2301.48	1708.01
1998.000	550.00	0.00	0.00	594.00	1312.00	605.83	0.00	605.84	0.53	1.23	2391.40	1805.05
2047.000	49.00	0.00	0.00	593.80	1312.00	605.67	0.00	605.70	1.26	1.83	1668.71	1166.85
2047.000	49.00	0.00	0.00	593.80	1312.00	605.82	0.00	605.85	1.11	1.73	1759.65	1243.81
2049.000	2.00	602.90	602.50	593.80	1312.00	605.69	0.00	605.70	3.87	1.08	1567.95	667.28
2049.000	2.00	602.90	602.50	593.80	1312.00	605.84	0.00	605.85	3.27	1.00	1658.38	725.74
2076.000	27.00	603.50	600.60	593.80	1312.00	605.70	0.00	605.71	3.80	1.07	1577.69	673.41
2076.000	27.00	603.50	600.60	593.80	1312.00	605.85	0.00	605.86	3.22	1.00	1666.74	731.22
2078.000	2.00	0.00	0.00	593.80	1312.00	605.69	0.00	605.72	1.47	1.97	1676.56	1082.11
2078.000	2.00	0.00	0.00	593.80	1312.00	605.84	0.00	605.87	1.30	1.88	1765.68	1148.89
2127.000	49.00	0.00	0.00	594.00	1312.00	605.72	0.00	605.73	0.99	0.00	2327.90	1318.17
2127.000	49.00	0.00	0.00	594.00	1312.00	605.87	0.00	605.87	0.89	0.00	2414.35	1393.59
2477.000	350.00	0.00	0.00	591.70	1231.00	605.73	0.00	605.78	1.16	2.01	1353.52	1142.22
2477.000	350.00	0.00	0.00	591.70	1231.00	605.88	0.00	605.92	1.13	2.00	1250.01	1156.75

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
2526.000	49.00	0.00	0.00	595.10	1231.00	605.66	0.00	605.82	10.05	4.03	744.31	388.31
2526.000	49.00	0.00	0.00	595.10	1231.00	605.83	0.00	605.96	8.38	3.74	806.22	425.12
2528.000	2.00	603.60	603.80	595.10	1231.00	605.78	0.00	605.85	16.51	2.99	787.51	302.99
2528.000	2.00	603.60	603.30	595.10	1231.00	605.92	0.00	605.98	13.40	2.73	856.06	336.26
2532.000	4.00	603.60	603.30	595.10	1231.00	605.79	0.00	605.86	16.41	2.98	789.48	303.91
2532.000	4.00	603.60	603.30	595.10	1231.00	605.93	0.00	605.99	13.33	2.73	857.91	337.15
2534.000	2.00	0.00	0.00	595.10	1231.00	605.74	0.00	605.88	9.19	3.88	779.26	406.08
2534.000	2.00	0.00	0.00	595.10	1231.00	605.89	0.00	606.01	7.78	3.63	838.66	441.20
2583.000	49.00	0.00	0.00	591.70	1231.00	605.86	0.00	605.91	1.06	1.94	1439.07	1194.62
2583.000	49.00	0.00	0.00	591.70	1231.00	605.99	0.00	606.03	1.05	1.94	1355.21	1202.76
2633.000	50.00	0.00	0.00	595.40	1231.00	605.73	0.00	605.98	8.16	4.28	455.77	431.03
2633.000	50.00	0.00	0.00	595.40	1231.00	605.87	0.00	606.09	7.41	4.13	487.39	452.19
2682.000	49.00	0.00	0.00	595.60	1231.00	605.85	0.00	606.02	4.81	3.32	485.57	561.42
2682.000	49.00	0.00	0.00	595.60	1231.00	605.97	0.00	606.13	4.46	3.23	525.60	583.15
2684.000	2.00	605.50	602.10	595.60	1231.00	605.80	0.00	606.07	38.60	4.35	375.01	198.15
2684.000	2.00	605.50	602.10	595.60	1231.00	605.94	0.00	606.17	33.30	4.10	418.68	213.31
2725.000	41.00	605.40	602.10	595.60	1231.00	605.97	0.00	606.28	57.21	4.72	373.70	162.75
2725.000	41.00	605.40	602.10	595.60	1231.00	606.09	0.00	606.35	49.00	4.43	412.08	175.86
2727.000	2.00	0.00	0.00	595.60	1231.00	606.16	0.00	606.30	3.96	3.09	590.92	618.60
2727.000	2.00	0.00	0.00	595.60	1231.00	606.23	0.00	606.36	3.78	3.04	615.86	632.82
2826.000	99.00	0.00	0.00	595.40	1231.00	606.18	0.00	606.36	5.93	3.79	591.79	505.48
2826.000	99.00	0.00	0.00	595.40	1231.00	606.24	0.00	606.42	5.66	3.73	597.14	517.60
3551.000	725.00	0.00	0.00	596.80	1231.00	606.62	0.00	606.68	3.17	2.53	1251.15	691.41
3551.000	725.00	0.00	0.00	596.80	1231.00	606.67	0.00	606.72	3.00	2.48	1284.95	710.52
3600.000	49.00	0.00	0.00	596.50	1231.00	606.64	0.00	606.70	3.97	2.60	1267.39	617.93
3600.000	49.00	0.00	0.00	596.50	1231.00	606.69	0.00	606.74	3.75	2.54	1300.43	635.89
3602.000	2.00	604.40	605.00	596.50	1231.00	606.62	0.00	606.72	6.61	3.99	1100.58	478.91
3602.000	2.00	604.40	605.00	596.50	1231.00	606.65	0.00	606.78	7.33	4.22	951.16	454.62
3634.000	32.00	604.50	602.50	596.50	1231.00	606.64	0.00	606.75	6.43	3.95	1112.40	485.30
3634.000	32.00	604.50	602.50	596.50	1231.00	606.68	0.00	606.80	7.15	4.18	962.93	460.32
3636.000	2.00	0.00	0.00	596.50	1231.00	606.70	0.00	606.75	3.69	2.52	1309.87	641.08
3636.000	2.00	0.00	0.00	596.50	1231.00	606.76	0.00	606.81	3.87	2.59	1175.60	626.15
3685.000	49.00	0.00	0.00	596.80	1231.00	606.72	0.00	606.77	2.83	2.42	1322.78	732.33
3685.000	49.00	0.00	0.00	596.80	1231.00	606.77	0.00	606.83	2.88	2.45	1199.82	724.97

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
4480.000	795.00	0.00	0.00	597.60	1231.00	606.96	0.00	607.05	4.03	2.90	881.04	613.54
4480.000	795.00	0.00	0.00	597.60	1231.00	607.02	0.00	607.10	3.85	2.85	900.41	627.50
4529.000	49.00	0.00	0.00	597.50	1231.00	606.81	0.00	607.23	3.64	5.37	438.03	645.27
4529.000	49.00	0.00	0.00	597.50	1231.00	606.88	0.00	607.28	3.46	5.27	452.16	662.21
4567.000	38.00	605.40	603.60	597.50	1231.00	606.81	0.00	607.23	3.64	5.37	438.22	645.39
4567.000	38.00	605.40	603.60	597.50	1231.00	606.88	0.00	607.28	3.44	5.26	465.87	663.81
4616.000	49.00	0.00	0.00	597.60	1231.00	607.35	0.00	607.37	5.67	0.00	1040.40	517.13
4616.000	49.00	0.00	0.00	597.60	1231.00	607.39	0.00	607.41	5.45	0.00	1056.34	527.48
5486.000	870.00	0.00	0.00	598.10	1231.00	607.85	0.00	607.96	7.34	3.56	928.06	454.27
5486.000	870.00	0.00	0.00	598.10	1231.00	607.89	0.00	608.01	7.94	3.64	807.62	436.86
5535.000	49.00	0.00	0.00	598.00	1231.00	607.80	0.00	608.04	1.79	4.26	730.32	919.27
5535.000	49.00	0.00	0.00	598.00	1231.00	607.85	0.00	608.08	1.72	4.20	754.40	937.99
5570.000	35.00	606.60	604.40	598.00	1231.00	607.80	0.00	608.04	1.79	4.26	730.57	919.45
5570.000	35.00	606.60	604.40	598.00	1231.00	607.85	0.00	608.08	1.72	4.20	754.65	938.17
5619.000	49.00	0.00	0.00	598.10	1231.00	607.98	0.00	608.07	6.19	3.31	1009.20	494.97
5619.000	49.00	0.00	0.00	598.10	1231.00	608.03	0.00	608.11	5.83	3.23	1037.62	509.92
6944.000	1325.00	0.00	0.00	599.40	1231.00	608.86	0.00	609.06	8.55	4.15	587.86	420.98
6944.000	1325.00	0.00	0.00	599.40	1231.00	608.95	0.00	609.30	12.94	4.99	329.14	342.20
6993.000	49.00	0.00	0.00	599.70	1231.00	608.83	0.00	609.19	14.16	4.84	254.27	327.11
6993.000	49.00	0.00	0.00	599.70	1231.00	609.01	0.00	609.36	12.95	4.73	260.11	342.04
7107.000	114.00	609.30	607.20	599.70	1231.00	609.80	0.00	610.05	8.58	4.06	400.13	420.35
7107.000	114.00	609.30	607.20	599.70	1231.00	609.90	0.00	610.14	8.01	3.96	418.96	434.98
7156.000	49.00	0.00	0.00	599.40	1231.00	610.01	0.00	610.09	3.17	2.81	1015.92	691.14
7156.000	49.00	0.00	0.00	599.40	1231.00	610.10	0.00	610.18	3.20	2.84	899.43	687.68
8835.000	1679.00	0.00	0.00	601.50	1231.00	610.63	0.00	610.73	4.54	3.12	897.43	577.58
8835.000	1679.00	0.00	0.00	601.50	1231.00	610.72	0.00	610.82	4.61	3.17	799.69	573.39
8884.000	49.00	0.00	0.00	601.60	1231.00	610.63	0.00	610.77	11.16	3.78	721.35	368.48
8884.000	49.00	0.00	0.00	601.60	1231.00	610.72	0.00	610.87	11.28	3.83	642.81	366.53
8886.000	2.00	608.70	615.00	601.60	1231.00	610.71	0.00	610.79	43.55	3.43	668.70	186.54
8886.000	2.00	608.70	615.00	601.60	1231.00	610.77	0.00	610.89	50.19	3.72	575.28	173.77
8916.000	30.00	609.50	608.60	601.60	1231.00	610.84	0.00	610.91	34.87	3.13	728.81	208.48
8916.000	30.00	609.50	608.60	601.60	1231.00	610.94	0.00	611.02	37.04	3.28	651.13	202.28
8918.000	2.00	0.00	0.00	601.60	1231.00	610.82	0.00	610.93	9.06	3.46	798.35	408.91
8918.000	2.00	0.00	0.00	601.60	1231.00	610.92	0.00	611.04	9.06	3.50	716.59	408.93

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
8967.000	49.00	0.00	0.00	601.50	1231.00	610.88	0.00	610.96	3.60	2.84	1004.10	649.09
8967.000	49.00	0.00	0.00	601.50	1231.00	610.99	0.00	611.07	3.59	2.86	910.86	649.97
9535.000	568.00	0.00	0.00	602.10	1231.00	611.07	0.00	611.34	10.38	4.55	469.08	382.15
9535.000	568.00	0.00	0.00	602.10	1231.00	611.18	0.00	611.43	9.46	4.39	494.36	400.26
9584.000	49.00	0.00	0.00	601.80	1231.00	611.15	0.00	611.41	15.56	4.46	500.22	312.03
9584.000	49.00	0.00	0.00	601.80	1231.00	611.27	0.00	611.49	13.64	4.23	545.19	333.36
9616.000	32.00	610.00	609.20	601.80	1231.00	611.15	0.00	611.41	15.46	4.45	502.53	313.07
9616.000	32.00	610.00	609.20	601.80	1231.00	611.27	0.00	611.49	13.57	4.22	547.01	334.15
9665.000	49.00	0.00	0.00	602.10	1231.00	611.23	0.00	611.47	9.06	4.32	521.03	409.03
9665.000	49.00	0.00	0.00	602.10	1231.00	611.33	0.00	611.54	8.25	4.16	557.40	428.65
10320.000	655.00	0.00	0.00	603.10	1231.00	611.88	0.00	612.23	14.05	4.75	268.11	328.42
10320.000	655.00	0.00	0.00	603.10	1231.00	611.92	0.00	612.27	13.68	4.71	272.95	332.81
10369.000	49.00	0.00	0.00	604.20	1231.00	611.84	0.00	612.33	2.91	5.64	243.58	721.65
10369.000	49.00	0.00	0.00	604.20	1231.00	611.88	0.00	612.36	2.82	5.62	247.54	733.68
10431.000	62.00	612.20	610.60	604.20	1231.00	612.74	0.00	613.07	1.72	4.67	419.62	938.34
10431.000	62.00	612.20	610.60	604.20	1231.00	612.76	0.00	613.08	1.71	4.65	423.21	942.65
10480.000	49.00	0.00	0.00	603.10	1231.00	612.92	0.00	613.10	6.50	3.62	556.72	482.78
10480.000	49.00	0.00	0.00	603.10	1231.00	612.92	0.00	613.11	6.75	3.69	506.56	473.83
11370.000	890.00	0.00	0.00	604.50	1231.00	613.55	0.00	613.95	12.67	5.24	275.70	345.85
11370.000	890.00	0.00	0.00	604.50	1231.00	613.57	0.00	613.97	12.51	5.22	274.77	348.08
11419.000	49.00	0.00	0.00	605.00	1231.00	613.69	0.00	614.02	6.98	4.62	266.20	465.95
11419.000	49.00	0.00	0.00	605.00	1231.00	613.71	0.00	614.04	6.89	4.61	267.13	469.01
11480.000	61.00	614.60	611.10	605.00	1231.00	615.15	0.00	615.36	3.57	3.68	365.01	651.21
11480.000	61.00	614.60	611.10	605.00	1231.00	615.32	0.00	615.51	3.27	3.57	392.33	680.41
11510.000	30.00	0.00	0.00	605.20	1231.00	615.28	0.00	615.38	2.89	2.60	683.26	724.26
11510.000	30.00	0.00	0.00	605.20	1231.00	615.38	0.00	615.53	4.34	3.11	460.40	590.89
11510.000	0.00	0.00	0.00	605.20	1231.00	615.28	0.00	615.38	2.89	2.60	683.24	724.24
11510.000	0.00	0.00	0.00	605.20	1231.00	615.38	0.00	615.53	4.34	3.11	460.40	590.89
11559.000	49.00	0.00	0.00	605.40	1231.00	615.26	0.00	615.43	2.72	3.27	382.55	745.78
11559.000	49.00	0.00	0.00	605.40	1231.00	615.39	0.00	615.55	2.53	3.21	393.93	773.21
11622.000	63.00	616.30	613.80	605.40	1231.00	616.13	0.00	616.25	1.89	2.88	494.95	895.15
11622.000	63.00	616.30	613.80	605.40	1231.00	616.26	0.00	616.39	1.76	2.82	518.44	927.92
11671.000	49.00	0.00	0.00	605.20	1231.00	616.26	0.00	616.28	3.89	0.00	1206.34	624.19
11671.000	49.00	0.00	0.00	605.20	1231.00	616.39	0.00	616.41	3.92	0.00	1032.96	621.43

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
12346.000	675.00	0.00	0.00	606.70	1231.00	616.41	0.00	616.42	1.36	1.64	1977.37	1053.71
12346.000	675.00	0.00	0.00	606.70	1231.00	616.55	0.00	616.57	1.57	1.78	1635.73	983.40
12395.000	49.00	0.00	0.00	605.60	1231.00	616.41	0.00	616.43	1.44	1.78	1753.29	1027.15
12395.000	49.00	0.00	0.00	605.60	1231.00	616.55	0.00	616.57	1.32	1.73	1700.70	1069.87
12397.000	2.00	614.00	614.20	605.60	1231.00	616.43	0.00	616.43	2.35	1.05	1716.22	803.65
12397.000	2.00	614.00	614.20	605.60	1231.00	616.57	0.00	616.58	2.14	1.01	1668.62	842.09
12403.000	6.00	614.00	612.80	605.60	1231.00	616.43	0.00	616.44	2.33	1.04	1722.66	807.27
12403.000	6.00	614.00	612.80	605.60	1231.00	616.57	0.00	616.58	2.12	1.01	1672.66	845.13
12405.000	2.00	0.00	0.00	605.60	1231.00	616.42	0.00	616.44	1.43	1.77	1758.59	1030.44
12405.000	2.00	0.00	0.00	605.60	1231.00	616.56	0.00	616.58	1.34	1.74	1689.91	1065.36
12454.000	49.00	0.00	0.00	606.70	1231.00	616.43	0.00	616.45	1.34	1.63	1994.31	1065.00
12454.000	49.00	0.00	0.00	606.70	1231.00	616.57	0.00	616.59	1.34	1.65	1844.58	1062.28
14585.000	2131.00	0.00	0.00	606.90	1231.00	616.84	0.00	617.33	22.43	5.66	244.11	259.90
14585.000	2131.00	0.00	0.00	606.90	1231.00	616.99	0.00	617.44	20.16	5.46	260.30	274.17
14634.000	49.00	0.00	0.00	605.90	1231.00	617.15	0.00	617.41	1.43	4.25	684.19	1030.10
14634.000	49.00	0.00	0.00	605.90	1231.00	617.22	0.00	617.51	1.52	4.41	423.43	999.85
14672.000	38.00	616.00	613.70	605.90	1231.00	617.15	0.00	617.41	1.43	4.26	683.31	1029.54
14672.000	38.00	616.00	613.70	605.90	1231.00	617.33	0.00	617.61	1.42	4.33	432.36	1031.79
14721.000	49.00	0.00	0.00	606.90	1231.00	617.15	0.00	617.44	49.04	0.00	281.69	175.79
14721.000	49.00	0.00	0.00	606.90	1231.00	617.40	0.00	617.64	41.16	0.00	312.98	191.88
17010.000	2289.00	0.00	0.00	609.30	1231.00	620.44	0.00	620.64	6.46	3.82	558.52	484.46
17010.000	2289.00	0.00	0.00	609.30	1231.00	620.51	0.00	620.72	6.59	3.88	477.79	479.66
17059.000	49.00	0.00	0.00	609.60	1231.00	620.46	0.00	620.68	5.97	4.75	628.24	503.99
17059.000	49.00	0.00	0.00	609.60	1231.00	620.51	0.00	620.78	6.66	5.04	547.83	477.04
17239.000	180.00	619.90	616.70	609.60	1231.00	620.61	0.00	620.80	5.26	4.50	697.73	536.82
17239.000	180.00	619.90	616.70	609.60	1231.00	620.69	0.00	620.88	5.07	4.44	675.56	546.56
17238.000	49.00	0.00	0.00	609.30	1231.00	620.67	0.00	620.83	5.44	3.58	650.85	527.71
17288.000	49.00	0.00	0.00	609.30	1231.00	620.74	0.00	620.91	5.59	3.64	569.34	520.67
18250.000	962.00	0.00	0.00	612.00	1231.00	621.14	0.00	621.18	2.52	2.37	1390.22	775.91
18250.000	962.00	0.00	0.00	612.00	1231.00	621.23	0.00	621.27	2.55	2.40	1269.33	770.94
18299.000	49.00	0.00	0.00	610.60	1231.00	621.16	0.00	621.20	1.56	1.77	1496.26	984.71
18299.000	49.00	0.00	0.00	610.60	1231.00	621.25	0.00	621.28	1.59	1.80	1336.42	976.91
18301.000	2.00	617.60	619.20	610.60	1231.00	621.19	0.00	621.20	3.77	1.26	1470.95	633.76
18301.000	2.00	617.60	619.20	610.60	1231.00	621.27	0.00	621.29	4.31	1.36	1247.46	593.24

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
18307.000	6.00	617.60	616.60	610.60	1231.00	621.19	0.00	621.20	3.77	1.26	1472.10	634.37
18307.000	6.00	617.60	616.60	610.60	1231.00	621.27	0.00	621.29	4.25	1.35	1255.13	597.17
18309.000	2.00	0.00	0.00	610.60	1231.00	621.18	0.00	621.21	1.53	1.76	1511.70	994.77
18309.000	2.00	0.00	0.00	610.60	1231.00	621.26	0.00	621.30	1.63	1.83	1296.82	965.61
18358.000	49.00	0.00	0.00	612.00	1231.00	621.18	0.00	621.22	2.41	2.33	1418.13	792.93
18358.000	49.00	0.00	0.00	612.00	1231.00	621.27	0.00	621.31	2.20	2.24	1477.19	830.58
18630.000	272.00	0.00	0.00	610.60	1231.00	621.21	0.00	621.34	5.31	2.92	449.94	534.24
18630.000	272.00	0.00	0.00	610.60	1231.00	621.29	0.00	621.42	5.08	2.88	433.81	546.42
18679.000	49.00	0.00	0.00	610.80	1231.00	621.20	0.00	621.39	8.13	3.67	547.54	431.76
18679.000	49.00	0.00	0.00	610.80	1231.00	621.29	0.00	621.47	7.52	3.55	581.03	448.93
18681.000	2.00	621.10	621.30	610.80	1231.00	621.16	0.00	621.43	22.05	4.45	463.95	262.13
18681.000	2.00	621.10	621.30	610.80	1231.00	621.22	0.00	621.54	25.33	4.67	353.38	244.61
18717.000	36.00	621.10	619.60	610.80	1231.00	621.37	0.00	621.55	26.17	3.83	576.70	240.65
18717.000	36.00	621.10	619.60	610.80	1231.00	621.44	0.00	621.66	27.81	4.07	444.59	233.43
18719.000	2.00	0.00	0.00	610.80	1231.00	621.39	0.00	621.55	6.68	3.39	667.94	476.12
18719.000	2.00	0.00	0.00	610.80	1231.00	621.50	0.00	621.67	6.75	3.45	535.20	473.95
18768.000	49.00	0.00	0.00	610.60	1231.00	621.52	0.00	621.60	14.50	0.00	523.69	323.25
18768.000	49.00	0.00	0.00	610.60	1231.00	621.64	0.00	621.72	13.25	0.00	551.30	338.14
19845.000	1077.00	0.00	0.00	612.50	1231.00	622.54	0.00	622.65	6.86	3.31	874.07	470.04
19845.000	1077.00	0.00	0.00	612.50	1231.00	622.65	0.00	622.77	7.27	3.45	713.74	456.40
19894.000	49.00	0.00	0.00	613.00	1231.00	622.49	0.00	622.80	17.17	4.96	438.64	297.06
19894.000	49.00	0.00	0.00	613.00	1231.00	622.62	0.00	622.89	15.19	4.72	470.44	315.89
20007.000	113.00	623.50	622.00	613.00	1231.00	623.01	0.00	623.19	10.68	4.03	601.39	376.66
20007.000	113.00	623.50	622.00	613.00	1231.00	623.12	0.00	623.29	9.75	3.92	600.89	394.26
20056.000	49.00	0.00	0.00	612.50	1231.00	623.18	0.00	623.23	3.27	2.45	1273.25	680.66
20056.000	49.00	0.00	0.00	612.50	1231.00	623.26	0.00	623.33	4.04	2.74	976.09	612.81
21606.000	1550.00	0.00	0.00	614.80	998.00	623.73	0.00	623.79	3.99	2.59	988.83	499.42
21606.000	1550.00	0.00	0.00	614.80	998.00	623.86	0.00	623.91	3.48	2.45	1014.60	534.87
21655.000	49.00	0.00	0.00	615.80	580.00	623.79	0.00	623.80	1.40	1.30	1012.54	490.30
21655.000	49.00	0.00	0.00	615.80	580.00	623.92	0.00	623.93	1.20	1.23	1074.48	529.72
21657.000	2.00	621.10	621.80	615.80	580.00	623.79	0.00	623.81	2.23	2.01	903.80	388.25
21657.000	2.00	621.10	621.80	615.80	580.00	623.92	0.00	623.93	1.80	1.89	968.49	431.71
21680.000	23.00	622.60	621.80	615.80	580.00	623.79	0.00	623.81	2.23	2.01	904.10	388.45
21680.000	23.00	622.60	621.80	615.80	580.00	623.92	0.00	623.94	1.82	1.90	961.18	429.74

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
21682.000	2.00	0.00	0.00	615.80	580.00	623.80	0.00	623.81	1.39	1.30	1013.80	491.07
21682.000	2.00	0.00	0.00	615.80	580.00	623.93	0.00	623.94	1.20	1.23	1070.66	530.12
21731.000	49.00	0.00	0.00	614.80	580.00	623.80	0.00	623.82	1.20	1.44	1041.56	528.75
21731.000	49.00	0.00	0.00	614.80	580.00	623.93	0.00	623.95	1.12	1.40	1001.43	547.79
23500.000	1769.00	0.00	0.00	617.20	580.00	624.14	0.00	624.22	4.93	2.59	454.86	261.19
23500.000	1769.00	0.00	0.00	617.20	580.00	624.24	0.00	624.33	4.92	2.62	366.48	261.43

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100-YEAR FREQU

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
200.000	1312.00	602.00	0.00	0.00	0.00	236.54	0.00
200.000	1312.00	602.00	0.00	0.00	0.00	113.75	0.00
650.000	1312.00	602.44	0.00	0.44	0.00	351.91	450.00
650.000	1312.00	602.48	0.03	0.48	0.03	148.53	450.00
699.000	1312.00	602.41	0.00	-0.04	0.00	228.78	49.00
699.000	1312.00	602.45	0.05	-0.02	0.05	228.78	49.00
714.000	1312.00	602.71	0.00	0.31	0.00	336.83	15.00
714.000	1312.00	602.85	0.13	0.39	0.13	280.00	15.00
763.000	1312.00	602.94	0.00	0.23	0.00	585.93	49.00
763.000	1312.00	603.05	0.10	0.20	0.10	280.00	49.00
1313.000	1312.00	603.21	0.00	0.27	0.00	700.00	550.00
1313.000	1312.00	603.30	0.09	0.25	0.09	250.00	550.00
1362.000	1312.00	602.97	0.00	-0.24	0.00	33.14	49.00
1362.000	1312.00	603.12	0.15	-0.18	0.15	27.80	49.00
1399.000	1312.00	605.21	0.00	2.24	0.00	60.80	37.00
1399.000	1312.00	605.37	0.17	2.26	0.17	60.79	37.00
1448.000	1312.00	605.65	0.00	0.44	0.00	700.00	49.00
1448.000	1312.00	605.78	0.13	0.41	0.13	350.00	49.00
1998.000	1312.00	605.68	0.00	0.03	0.00	600.00	550.00
1998.000	1312.00	605.83	0.15	0.05	0.15	599.00	550.00
2047.000	1312.00	605.67	0.00	-0.01	0.00	600.00	49.00
2047.000	1312.00	605.82	0.15	-0.01	0.15	599.00	49.00
2049.000	1312.00	605.69	0.00	0.02	0.00	600.00	2.00
2049.000	1312.00	605.84	0.15	0.02	0.15	599.00	2.00
2076.000	1312.00	605.70	0.00	0.01	0.00	600.00	27.00
2076.000	1312.00	605.85	0.15	0.01	0.15	599.00	27.00
2078.000	1312.00	605.69	0.00	-0.01	0.00	600.00	2.00
2078.000	1312.00	605.84	0.15	-0.01	0.15	599.00	2.00
2127.000	1312.00	605.72	0.00	0.04	0.00	600.00	49.00
2127.000	1312.00	605.87	0.15	0.03	0.15	599.00	49.00
2477.000	1231.00	605.73	0.00	0.01	0.00	628.34	350.00
2477.000	1231.00	605.88	0.14	0.01	0.14	400.00	350.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2526.000	1231.00	605.66	0.00	-0.07	0.00	466.49	49.00
2526.000	1231.00	605.83	0.16	-0.05	0.16	465.74	49.00
2528.000	1231.00	605.78	0.00	0.12	0.00	478.17	2.00
2528.000	1231.00	605.92	0.14	0.10	0.14	478.17	2.00
2532.000	1231.00	605.79	0.00	0.01	0.00	478.58	4.00
2532.000	1231.00	605.93	0.14	0.01	0.14	478.58	4.00
2534.000	1231.00	605.74	0.00	-0.05	0.00	473.92	2.00
2534.000	1231.00	605.89	0.15	-0.04	0.15	473.00	2.00
2583.000	1231.00	605.86	0.00	0.12	0.00	663.66	49.00
2583.000	1231.00	605.99	0.12	0.10	0.12	558.71	49.00
2633.000	1231.00	605.73	0.00	-0.13	0.00	231.86	50.00
2633.000	1231.00	605.87	0.14	-0.12	0.14	231.00	50.00
2682.000	1231.00	605.85	0.00	0.12	0.00	325.12	49.00
2682.000	1231.00	605.97	0.12	0.11	0.12	325.00	49.00
2684.000	1231.00	605.80	0.00	-0.05	0.00	319.96	2.00
2684.000	1231.00	605.94	0.14	-0.04	0.14	319.96	2.00
2725.000	1231.00	605.92	0.00	0.17	0.00	337.47	41.00
2725.000	1231.00	606.09	0.11	0.15	0.11	337.47	41.00
2727.000	1231.00	606.16	0.00	0.19	0.00	364.95	2.00
2727.000	1231.00	606.23	0.07	0.14	0.07	360.00	2.00
2826.000	1231.00	606.18	0.00	0.02	0.00	450.57	99.00
2826.000	1231.00	606.24	0.07	0.02	0.07	309.13	99.00
3551.000	1231.00	606.62	0.00	0.44	0.00	700.00	725.00
3551.000	1231.00	606.67	0.05	0.42	0.05	700.00	725.00
3600.000	1231.00	606.64	0.00	0.02	0.00	700.00	49.00
3600.000	1231.00	606.69	0.05	0.02	0.05	700.00	49.00
3602.000	1231.00	606.62	0.00	-0.03	0.00	700.00	2.00
3602.000	1231.00	606.65	0.04	-0.04	0.04	525.00	2.00
3634.000	1231.00	606.64	0.00	0.02	0.00	700.00	32.00
3634.000	1231.00	606.68	0.04	0.03	0.04	530.00	32.00
3636.000	1231.00	606.70	0.00	0.06	0.00	700.00	2.00
3636.000	1231.00	606.76	0.06	0.08	0.06	528.18	2.00
3685.000	1231.00	606.72	0.00	0.01	0.00	700.00	49.00
3685.000	1231.00	606.77	0.06	0.02	0.06	500.00	49.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4480.000	1231.00	606.96	0.00	0.24	0.00	382.31	795.00
4480.000	1231.00	607.02	0.06	0.24	0.06	380.00	795.00
4529.000	1231.00	606.81	0.00	-0.15	0.00	391.39	49.00
4529.000	1231.00	606.88	0.07	-0.14	0.07	340.00	49.00
4567.000	1231.00	606.81	0.00	0.00	0.00	391.51	38.00
4567.000	1231.00	606.88	0.07	0.00	0.07	390.00	38.00
4616.000	1231.00	607.35	0.00	0.54	0.00	442.55	49.00
4616.000	1231.00	607.39	0.04	0.52	0.04	439.00	49.00
5486.000	1231.00	607.85	0.00	0.49	0.00	605.88	870.00
5486.000	1231.00	607.89	0.04	0.50	0.04	396.67	870.00
5535.000	1231.00	607.80	0.00	-0.05	0.00	499.04	49.00
5535.000	1231.00	607.85	0.05	-0.04	0.05	498.04	49.00
5570.000	1231.00	607.80	0.00	0.00	0.00	499.22	35.00
5570.000	1231.00	607.85	0.05	0.00	0.05	498.22	35.00
5619.000	1231.00	607.98	0.00	0.18	0.00	611.21	49.00
5619.000	1231.00	608.03	0.05	0.18	0.05	610.00	49.00
6944.000	1231.00	608.86	0.00	0.88	0.00	314.85	1325.00
6944.000	1231.00	608.95	0.09	0.93	0.09	80.00	1325.00
6993.000	1231.00	608.83	0.00	-0.03	0.00	39.84	49.00
6993.000	1231.00	609.01	0.18	0.06	0.18	38.00	49.00
7107.000	1231.00	609.80	0.00	0.97	0.00	344.73	114.00
7107.000	1231.00	609.90	0.11	0.89	0.11	270.00	114.00
7156.000	1231.00	610.01	0.00	0.21	0.00	527.88	49.00
7156.000	1231.00	610.10	0.08	0.19	0.08	263.63	49.00
8835.000	1231.00	610.63	0.00	0.62	0.00	410.35	1679.00
8835.000	1231.00	610.72	0.09	0.62	0.09	267.81	1679.00
8884.000	1231.00	610.63	0.00	0.00	0.00	429.16	49.00
8884.000	1231.00	610.72	0.09	0.00	0.09	278.49	49.00
8886.000	1231.00	610.71	0.00	0.07	0.00	435.68	2.00
8886.000	1231.00	610.77	0.07	0.05	0.07	280.90	2.00
8916.000	1231.00	610.84	0.00	0.14	0.00	449.26	30.00
8916.000	1231.00	610.94	0.09	0.13	0.09	300.00	30.00
8918.000	1231.00	610.82	0.00	-0.03	0.00	446.74	2.00
8918.000	1231.00	610.92	0.10	-0.02	0.10	291.63	2.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8967.000	1231.00	610.88	0.00	0.07	0.00	427.17	49.00
8967.000	1231.00	610.99	0.10	0.07	0.10	288.09	49.00
9535.000	1231.00	611.07	0.00	0.19	0.00	314.90	568.00
9535.000	1231.00	611.18	0.11	0.19	0.11	285.00	568.00
9584.000	1231.00	611.15	0.00	0.08	0.00	389.09	49.00
9584.000	1231.00	611.27	0.12	0.09	0.12	386.35	49.00
9616.000	1231.00	611.15	0.00	0.00	0.00	390.41	32.00
9616.000	1231.00	611.27	0.12	0.00	0.12	387.96	32.00
9665.000	1231.00	611.23	0.00	0.08	0.00	347.57	49.00
9665.000	1231.00	611.33	0.10	0.06	0.10	342.60	49.00
10320.000	1231.00	611.88	0.00	0.65	0.00	116.76	655.00
10320.000	1231.00	611.92	0.04	0.60	0.04	114.98	655.00
10369.000	1231.00	611.84	0.00	-0.04	0.00	154.39	49.00
10369.000	1231.00	611.88	0.04	-0.05	0.04	150.80	49.00
10431.000	1231.00	612.74	0.00	0.91	0.00	235.83	62.00
10431.000	1231.00	612.76	0.02	0.88	0.02	235.66	62.00
10480.000	1231.00	612.92	0.00	0.17	0.00	407.53	49.00
10480.000	1231.00	612.92	0.00	0.16	0.00	325.96	49.00
11370.000	1231.00	613.55	0.00	0.63	0.00	77.85	890.00
11370.000	1231.00	613.57	0.02	0.65	0.02	70.00	890.00
11419.000	1231.00	613.69	0.00	0.14	0.00	44.18	49.00
11419.000	1231.00	613.71	0.02	0.14	0.02	44.00	49.00
11480.000	1231.00	615.15	0.00	1.46	0.00	205.29	61.00
11480.000	1231.00	615.32	0.17	1.61	0.17	170.00	61.00
11510.000	1231.00	615.28	0.00	0.13	0.00	362.07	30.00
11510.000	1231.00	615.38	0.10	0.07	0.10	139.85	30.00
11510.000	1231.00	615.28	0.00	0.00	0.00	362.06	0.00
11510.000	1231.00	615.38	0.10	0.00	0.10	139.85	0.00
11559.000	1231.00	615.26	0.00	-0.02	0.00	87.29	49.00
11559.000	1231.00	615.39	0.13	0.01	0.13	85.00	49.00
11622.000	1231.00	616.13	0.00	0.86	0.00	172.96	63.00
11622.000	1231.00	616.26	0.14	0.87	0.14	170.00	63.00
11671.000	1231.00	616.26	0.00	0.14	0.00	663.04	49.00
11671.000	1231.00	616.39	0.13	0.12	0.13	330.00	49.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
12346.000	1231.00	616.41	0.00	0.15	0.00	800.00	675.00
12346.000	1231.00	616.55	0.14	0.16	0.14	540.00	675.00
12395.000	1231.00	616.41	0.00	0.00	0.00	760.00	49.00
12395.000	1231.00	616.55	0.14	0.01	0.14	488.39	49.00
12397.000	1231.00	616.43	0.00	0.01	0.00	760.00	2.00
12397.000	1231.00	616.57	0.14	0.01	0.14	490.56	2.00
12403.000	1231.00	616.43	0.00	0.00	0.00	760.00	6.00
12403.000	1231.00	616.57	0.14	0.00	0.14	490.73	6.00
12405.000	1231.00	616.42	0.00	-0.01	0.00	760.00	2.00
12405.000	1231.00	616.56	0.14	-0.01	0.14	490.00	2.00
12454.000	1231.00	616.43	0.00	0.01	0.00	800.00	49.00
12454.000	1231.00	616.57	0.14	0.01	0.14	640.00	49.00
14585.000	1231.00	616.84	0.00	0.40	0.00	104.73	2131.00
14585.000	1231.00	616.99	0.16	0.42	0.16	104.00	2131.00
14634.000	1231.00	617.15	0.00	0.32	0.00	634.56	49.00
14634.000	1231.00	617.22	0.07	0.23	0.07	180.00	49.00
14672.000	1231.00	617.15	0.00	0.00	0.00	633.69	38.00
14672.000	1231.00	617.33	0.18	0.11	0.18	170.00	38.00
14721.000	1231.00	617.15	0.00	-0.01	0.00	131.20	49.00
14721.000	1231.00	617.40	0.25	0.06	0.25	130.00	49.00
17010.000	1231.00	620.44	0.00	3.30	0.00	372.09	2289.00
17010.000	1231.00	620.51	0.07	3.12	0.07	187.53	2289.00
17059.000	1231.00	620.46	0.00	0.01	0.00	466.30	49.00
17059.000	1231.00	620.51	0.05	0.00	0.05	285.00	49.00
17239.000	1231.00	620.61	0.00	0.15	0.00	469.55	180.00
17239.000	1231.00	620.69	0.09	0.18	0.09	345.00	180.00
17288.000	1231.00	620.67	0.00	0.06	0.00	491.41	49.00
17288.000	1231.00	620.74	0.07	0.04	0.07	343.87	49.00
18250.000	1231.00	621.14	0.00	0.48	0.00	646.28	962.00
18250.000	1231.00	621.23	0.09	0.49	0.09	454.04	962.00
18299.000	1231.00	621.16	0.00	0.02	0.00	716.20	49.00
18299.000	1231.00	621.25	0.09	0.02	0.09	455.35	49.00
18301.000	1231.00	621.19	0.00	0.02	0.00	718.63	2.00
18301.000	1231.00	621.27	0.08	0.02	0.08	450.00	2.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
18307.000	1231.00	621.19	0.00	0.00	0.00	718.79	6.00
18307.000	1231.00	621.27	0.08	0.00	0.08	453.00	6.00
18309.000	1231.00	621.18	0.00	-0.01	0.00	718.35	2.00
18309.000	1231.00	621.26	0.08	-0.01	0.08	454.00	2.00
18358.000	1231.00	621.18	0.00	0.00	0.00	651.10	49.00
18358.000	1231.00	621.27	0.09	0.01	0.09	650.00	49.00
18630.000	1231.00	621.21	0.00	0.03	0.00	215.69	272.00
18630.000	1231.00	621.29	0.08	0.02	0.08	92.29	272.00
18679.000	1231.00	621.20	0.00	-0.01	0.00	573.95	49.00
18679.000	1231.00	621.29	0.09	0.00	0.09	504.35	49.00
18681.000	1231.00	621.16	0.00	-0.04	0.00	557.24	2.00
18681.000	1231.00	621.22	0.06	-0.06	0.06	195.59	2.00
18717.000	1231.00	621.37	0.00	0.20	0.00	643.58	36.00
18717.000	1231.00	621.44	0.08	0.22	0.08	272.00	36.00
18719.000	1231.00	621.39	0.00	0.03	0.00	657.87	2.00
18719.000	1231.00	621.50	0.10	0.06	0.10	276.00	2.00
18768.000	1231.00	621.52	0.00	0.12	0.00	271.44	49.00
18768.000	1231.00	621.64	0.12	0.14	0.12	270.00	49.00
19845.000	1231.00	622.54	0.00	1.02	0.00	569.90	1077.00
19845.000	1231.00	622.65	0.10	1.00	0.10	280.00	1077.00
19894.000	1231.00	622.49	0.00	-0.05	0.00	272.57	49.00
19894.000	1231.00	622.62	0.13	-0.03	0.13	256.57	49.00
20007.000	1231.00	623.01	0.00	0.52	0.00	356.21	113.00
20007.000	1231.00	623.12	0.11	0.50	0.11	265.86	113.00
20056.000	1231.00	623.18	0.00	0.17	0.00	667.39	49.00
20056.000	1231.00	623.26	0.08	0.14	0.08	365.00	49.00
21606.000	998.00	623.73	0.00	0.54	0.00	578.73	1550.00
21606.000	998.00	623.86	0.13	0.60	0.13	515.00	1550.00
21655.000	580.00	623.79	0.00	0.07	0.00	491.40	49.00
21655.000	580.00	623.92	0.13	0.06	0.13	490.41	49.00
21657.000	580.00	623.79	0.00	0.00	0.00	491.42	2.00
21657.000	580.00	623.92	0.13	0.00	0.13	490.44	2.00
21680.000	580.00	623.79	0.00	0.01	0.00	491.45	23.00
21680.000	580.00	623.92	0.13	0.00	0.13	480.00	23.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
21682.000	580.00	623.80	0.00	0.01	0.00	491.50	2.00
21682.000	580.00	623.93	0.13	0.01	0.13	480.00	2.00
21731.000	580.00	623.80	0.00	0.00	0.00	580.71	49.00
21731.000	580.00	623.93	0.12	0.00	0.12	465.00	49.00
23500.000	580.00	624.14	0.00	0.34	0.00	395.23	1769.00
23500.000	580.00	624.24	0.10	0.31	0.10	170.86	1769.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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FLOODWAY DATA, 100-YEAR FREQU
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
200.000	114.	410.	3.2	602.0	602.0	0.0
650.000	149.	506.	2.6	602.4	602.4	0.0
699.000	229.	354.	3.7	602.4	602.4	0.0
714.000	280.	453.	2.9	602.8	602.7	0.1
763.000	280.	761.	1.7	603.0	602.9	0.1
1313.000	250.	666.	2.0	603.3	603.2	0.1
1362.000	28.	206.	6.4	603.1	603.0	0.1
1399.000	61.	318.	4.1	605.4	605.2	0.2
1448.000	350.	1684.	0.8	605.8	605.7	0.1
1998.000	599.	2391.	0.5	605.9	605.7	0.2
2047.000	599.	1760.	0.7	605.9	605.7	0.2
2049.000	599.	1658.	0.8	605.9	605.7	0.2
2076.000	599.	1667.	0.8	605.8	605.7	0.1
2078.000	599.	1766.	0.7	605.9	605.7	0.2
2127.000	599.	2414.	0.5	605.8	605.7	0.1
2477.000	400.	1250.	1.0	605.8	605.7	0.1
2526.000	466.	806.	1.5	605.9	605.7	0.2
2528.000	478.	856.	1.4	605.9	605.8	0.1
2532.000	479.	858.	1.4	605.9	605.8	0.1
2534.000	473.	839.	1.5	605.8	605.7	0.1
2583.000	563.	1355.	0.9	606.0	605.9	0.1
2633.000	231.	487.	2.5	605.8	605.7	0.1
2682.000	325.	526.	2.3	606.0	605.9	0.1
2684.000	320.	419.	2.9	605.9	605.8	0.1
2725.000	337.	412.	3.0	606.1	606.0	0.1
2727.000	360.	616.	2.0	606.3	606.2	0.1
2826.000	309.	597.	2.1	606.3	606.2	0.1
3551.000	700.	1285.	1.0	606.6	606.6	0.0
3600.000	700.	1300.	0.9	606.6	606.6	0.0
3602.000	525.	951.	1.3	606.6	606.6	0.0
3634.000	530.	963.	1.3	606.6	606.6	0.0
3636.000	528.	1176.	1.0	606.8	606.7	0.1
3685.000	500.	1200.	1.0	606.8	606.7	0.1
4480.000	380.	900.	1.4	607.1	607.0	0.1
4529.000	340.	452.	2.7	606.9	606.8	0.1
4567.000	390.	466.	2.6	606.9	606.8	0.1
4616.000	648.	1056.	1.2	607.4	607.4	0.0
5486.000	397.	808.	1.5	607.8	607.8	0.0
5535.000	498.	754.	1.6	607.9	607.8	0.1
5570.000	498.	755.	1.6	607.9	607.8	0.1
5619.000	610.	1038.	1.2	608.0	608.0	0.0
6944.000	80.	329.	3.7	609.0	608.9	0.1

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FLOODWAY DATA; 100-YEAR FREQU
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
6993.000	38.	260.	4.7	609.0	608.8	0.2
7107.000	270.	419.	2.9	609.9	609.8	0.1
7156.000	264.	899.	1.4	610.1	610.0	0.1
8835.000	268.	800.	1.5	610.7	610.6	0.1
8884.000	278.	643.	1.9	610.7	610.6	0.1
8886.000	280.	575.	2.1	610.8	610.7	0.1
8916.000	300.	651.	1.9	610.9	610.8	0.1
8918.000	292.	717.	1.7	610.9	610.8	0.1
8967.000	288.	911.	1.4	611.0	610.9	0.1
9535.000	285.	494.	2.5	611.2	611.1	0.1
9584.000	386.	545.	2.3	611.3	611.2	0.1
9616.000	388.	547.	2.3	611.3	611.2	0.1
9665.000	343.	557.	2.2	611.3	611.2	0.1
10320.000	115.	273.	4.5	611.9	611.9	0.0
10369.000	194.	248.	5.0	611.8	611.8	0.0
10431.000	237.	423.	2.9	612.7	612.7	0.0
10480.000	335.	507.	2.4	612.9	612.9	0.0
11370.000	70.	275.	4.5	613.5	613.5	0.0
11419.000	44.	267.	4.6	613.7	613.7	0.0
11480.000	170.	392.	3.1	615.4	615.2	0.2
11510.000	152.	460.	2.7	615.4	615.3	0.1
11510.000	152.	460.	2.7	615.4	615.3	0.1
11559.000	85.	394.	3.1	615.4	615.3	0.1
11622.000	170.	518.	2.4	616.2	616.1	0.1
11671.000	330.	1033.	1.2	616.4	616.3	0.1
12346.000	540.	1636.	0.8	616.5	616.4	0.1
12395.000	488.	1701.	0.7	616.5	616.4	0.1
12397.000	491.	1669.	0.7	616.5	616.4	0.1
12403.000	491.	1673.	0.7	616.5	616.4	0.1
12405.000	490.	1690.	0.7	616.5	616.4	0.1
12454.000	640.	1845.	0.7	616.5	616.4	0.1
14585.000	104.	260.	4.2	617.0	616.8	0.2
14634.000	180.	423.	2.9	617.3	617.2	0.1
14672.000	170.	432.	2.8	617.4	617.2	0.2
14721.000	130.	313.	3.9	617.3	617.1	0.2
17010.000	388.	478.	2.6	620.5	620.4	0.1
17059.000	285.	548.	2.2	620.6	620.5	0.1
17239.000	345.	676.	1.8	620.7	620.6	0.1
17288.000	439.	569.	2.2	620.8	620.7	0.1
18250.000	454.	1269.	1.0	621.2	621.1	0.1
18299.000	455.	1336.	0.9	621.3	621.2	0.1
18301.000	450.	1247.	1.0	621.3	621.2	0.1

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FLOODWAY DATA, 100-YEAR FREQU
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
18307.000	453.	1255.	1.0	621.3	621.2	0.1
18309.000	454.	1297.	0.9	621.3	621.2	0.1
18358.000	650.	1477.	0.8	621.3	621.2	0.1
18630.000	92.	434.	2.8	621.3	621.2	0.1
18679.000	505.	581.	2.1	621.3	621.2	0.1
18681.000	200.	353.	3.5	621.3	621.2	0.1
18717.000	272.	445.	2.8	621.5	621.4	0.1
18719.000	276.	535.	2.3	621.5	621.4	0.1
18768.000	477.	551.	2.2	621.6	621.5	0.1
19845.000	280.	714.	1.7	622.6	622.5	0.1
19894.000	317.	470.	2.6	622.6	622.5	0.1
20007.000	318.	601.	2.0	623.1	623.0	0.1
20056.000	365.	976.	1.3	623.3	623.2	0.1
21606.000	515.	1015.	1.0	623.8	623.7	0.1
21655.000	490.	1074.	0.5	623.9	623.8	0.1
21657.000	490.	968.	0.6	623.9	623.8	0.1
21680.000	480.	961.	0.6	623.9	623.8	0.1
21682.000	480.	1071.	0.5	623.9	623.8	0.1
21731.000	465.	1001.	0.6	623.9	623.8	0.1
23500.000	171.	366.	1.6	624.2	624.1	0.1

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THIS RUN EXECUTED 24 AUG 84 11:14:10

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

EJ


===> SP,SEXENO,:6
===> FREE ALL
```

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THIS RUN EXECUTED 24 AUG 84 11:10:56

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

C
T1                  CITY OF TAYLOR FLOOD INSURANCE STUDY
T2                  SEXTON-KILFOIL DRAIN
T3                 100-YEAR FREQUENCY FLOOD
```

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	602.000	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

110.000	150.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
GT	2.000	1312.000	1312.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF ALLEN RD.									
X1	200.000	15.000	600.000	636.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	602.900	0.000	602.800	100.000	602.800	200.000	602.600	300.000	602.500	400.000
GR	602.000	500.000	601.200	550.000	599.000	600.000	591.900	615.000	591.400	619.000
GR	592.000	623.000	599.900	636.000	600.900	690.000	603.500	800.000	604.000	900.000
	DOWNSTREAM OF PRIVATE BRIDGE									
X1	650.000	15.000	500.000	544.000	450.000	450.000	450.000	0.000	0.000	0.000
GR	602.800	0.000	602.700	100.000	602.500	200.000	602.200	300.000	601.000	400.000
GR	600.300	450.000	599.700	500.000	597.300	511.000	593.000	517.000	592.000	524.000
GR	593.300	531.000	596.400	534.000	601.600	544.000	603.200	594.000	607.800	1000.000
NC	0.060	0.060	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	338.520	567.300	0.000	0.000	0.000	0.000	0.000
X1	699.000	17.000	490.000	534.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	603.100	0.000	603.000	100.000	602.800	200.000	602.600	300.000	602.100	400.000
GR	601.400	490.000	598.500	496.000	594.000	500.000	593.600	501.000	592.800	503.000
GR	592.200	507.000	592.600	511.000	594.000	513.000	601.600	534.000	603.200	600.000
GR	605.500	800.000	607.800	1000.000	0.000	0.000	0.000	0.000	0.000	0.000

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SB	0.000	1.560	2.630	0.000	12.000	0.000	84.000	0.000	592.200	592.200
ET	0.000	0.000	4.110	270.000	550.000	0.000	0.000	0.000	0.000	0.000
X1	714.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.000	601.100	0.000	1.000	0.000	0.000	0.000
BT	10.000	0.000	603.100	0.000	100.000	603.000	0.000	200.000	602.800	0.000
BT	300.000	602.600	0.000	400.000	602.100	0.000	501.000	601.300	600.000	507.000
BT	601.100	600.000	513.000	601.200	600.000	534.000	601.600	0.000	1000.000	607.800
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	287.000	567.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PRIVATE BRIDGE									
X1	763.000	15.000	500.000	544.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	602.800	0.000	602.700	100.000	602.500	200.000	602.200	300.000	601.000	400.000
GR	600.300	450.000	599.700	500.000	597.300	511.000	593.000	517.000	592.000	524.000
GR	593.300	531.000	596.400	534.000	601.600	544.000	603.200	594.000	607.800	1000.000
ET	0.000	0.000	4.100	392.000	642.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF D.T.I.RR.									
X1	1313.000	15.000	500.000	532.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	603.000	0.000	603.000	100.000	602.400	200.000	601.500	300.000	601.000	400.000
GR	601.800	450.000	600.100	500.000	593.900	509.000	593.500	514.000	593.400	519.000
GR	593.600	521.000	596.900	524.000	601.200	532.000	601.200	582.000	603.000	700.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	200.000	230.000	0.000	0.000	0.000	0.000	0.000
X1	1362.000	15.000	200.000	230.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	605.700	0.000	605.700	100.000	606.800	150.000	606.200	200.000	596.400	207.000
GR	594.700	208.000	594.600	213.000	594.400	217.000	594.000	218.500	594.800	228.000
GR	596.600	228.500	602.500	230.000	606.800	280.000	607.000	300.000	607.300	500.000
SB	0.950	1.560	2.630	0.000	21.000	1.500	127.000	0.000	594.400	594.400
ET	0.000	0.000	4.110	200.710	261.500	0.000	0.000	0.000	0.000	0.000
X1	1399.000	0.000	0.000	0.000	37.000	37.000	37.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.700	606.800	0.000	0.000	0.000	0.000	0.000
BT	13.000	0.000	605.700	0.000	100.000	605.700	0.000	150.000	606.800	0.000
BT	200.000	606.200	0.000	207.000	606.300	600.700	217.000	606.500	600.700	217.000
BT	606.500	594.400	218.500	606.500	594.400	218.500	606.500	600.700	228.000	606.800
BT	600.700	230.000	606.800	0.000	300.000	607.000	0.000	500.000	607.300	0.000
ET	0.000	0.000	4.100	341.000	691.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF D.T.I.RR.									
X1	1448.000	15.000	500.000	532.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	603.000	0.000	603.000	100.000	602.400	200.000	601.500	300.000	601.000	400.000
GR	601.800	450.000	600.100	500.000	593.900	509.000	593.500	514.000	593.400	519.000
GR	593.600	521.000	596.900	524.000	601.200	532.000	601.200	582.000	603.000	700.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	1.000	600.000	0.000	0.000	0.000	0.000	0.000

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	DOWNSTREAM OF RET. POND SERVICE RD.									
X1	1998.000	15.000	300.000	335.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	604.200	0.000	601.800	100.000	600.200	200.000	600.900	250.000	600.200	300.000
GR	598.400	306.000	594.400	312.000	594.000	317.000	594.300	322.000	597.400	325.000
GR	601.400	335.000	602.700	385.000	602.700	400.000	603.000	500.000	603.500	600.000
ET	0.000	0.000	4.100	1.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	2047.000	19.000	300.000	333.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.700	0.000	604.200	100.000	604.000	200.000	603.800	250.000	603.600	300.000
GR	600.100	300.000	598.000	304.000	594.300	308.000	594.000	313.000	593.800	315.000
GR	593.900	320.000	594.400	324.000	595.500	325.000	598.400	332.000	602.500	333.000
GR	603.500	333.000	602.900	382.000	601.800	482.000	602.500	600.000	0.000	0.000
NC	0.070	0.070	0.045	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	1.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	2049.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	6.000	250.000	603.800	0.000	300.000	603.600	600.100	304.000	603.600	600.600
BT	332.000	603.500	600.400	333.000	603.500	602.500	382.000	602.900	0.000	0.000
ET	0.000	0.000	4.110	1.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	2076.000	0.000	0.000	0.000	27.000	27.000	27.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	600.600	603.500	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	1.000	600.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF RET. POND SERVICE RD.									
X1	2127.000	15.000	300.000	338.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.200	0.000	601.800	100.000	600.200	200.000	600.900	250.000	600.200	300.000
GR	598.400	306.000	594.400	312.000	594.000	317.000	594.300	322.000	597.400	325.000
GR	601.400	335.000	602.700	385.000	602.700	400.000	603.000	500.000	603.500	600.000
QT	2.000	1231.000	1231.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	265.000	665.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF WALK BRIDGE									
X1	2477.000	13.000	400.000	441.000	350.000	350.000	350.000	0.000	0.000	0.000
GR	605.000	0.000	605.000	100.000	606.000	200.000	605.400	300.000	603.300	350.000
GR	602.100	400.000	592.600	412.000	591.700	420.000	591.800	428.000	601.600	441.000
GR	602.900	491.000	604.100	600.000	604.000	700.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	17.000	483.000	0.000	0.000	0.000	0.000	0.000
X1	2526.000	13.000	200.000	228.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.000	0.000	605.000	100.000	604.000	165.000	603.600	200.000	603.000	207.000
GR	596.100	212.000	595.200	215.000	595.100	218.000	595.400	222.000	603.800	228.000
GR	603.800	236.000	604.200	400.000	605.000	500.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	21.830	500.000	0.000	0.000	0.000	0.000	0.000

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X1	2528.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	200.000	603.600	603.600	207.000	603.600	603.000	224.000	603.800	603.300
BT	228.000	603.800	603.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	21.420	500.000	0.000	0.000	0.000	0.000	0.000
X1	2532.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	603.300	603.600	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	14.000	487.000	0.000	0.000	0.000	0.000	0.000
X1	2534.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF WALK BRIDGE

X1	2583.000	13.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	605.000	0.000	605.000	100.000	606.000	200.000	605.400	300.000	603.300	350.000
GR	602.100	400.000	592.600	412.000	591.700	420.000	591.800	428.000	601.600	441.000
GR	602.900	491.000	604.100	600.000	604.000	700.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	348.000	579.000	0.000	0.000	0.000	0.000	0.000
X1	2633.000	15.000	400.000	433.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	606.100	0.000	606.000	100.000	606.500	200.000	608.500	300.000	605.600	350.000
GR	603.700	400.000	596.900	412.000	595.500	414.000	595.400	419.000	595.600	424.000
GR	595.800	425.000	602.400	433.000	605.000	492.000	605.900	600.000	606.400	700.000
ET	0.000	0.000	4.100	275.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	2682.000	17.000	300.000	345.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.500	0.000	606.500	100.000	606.300	200.000	606.100	250.000	605.600	300.000
GR	596.800	305.000	595.900	308.000	595.600	313.000	595.600	317.000	595.600	318.000
GR	595.800	328.000	596.800	330.000	599.500	339.000	603.700	342.000	605.400	345.000
GR	605.500	500.000	605.000	600.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	280.040	600.000	0.000	0.000	0.000	0.000	0.000
X1	2684.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	8.000	305.000	605.600	596.800	305.000	605.600	602.000	317.000	605.500	602.000
BT	317.000	605.500	595.600	318.000	605.500	595.600	318.000	605.500	602.000	330.000
BT	605.500	602.100	330.000	605.500	596.800	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	262.530	600.000	0.000	0.000	0.000	0.000	0.000
X1	2725.000	0.000	0.000	0.000	41.000	41.000	41.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	602.100	605.400	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	240.000	600.000	0.000	0.000	0.000	0.000	0.000
X1	2727.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	338.000	648.000	0.000	0.000	0.000	0.000	0.000
X1	2826.000	15.000	400.000	433.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	606.100	0.000	606.000	100.000	606.500	200.000	608.500	300.000	605.600	350.000
GR	603.700	400.000	596.900	412.000	595.500	414.000	595.400	419.000	595.600	424.000
GR	595.800	425.000	602.400	433.000	605.000	492.000	605.900	600.000	606.400	700.000

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X1	3551.000	14.000	400.000	441.000	725.000	725.000	725.000	0.000	0.000	0.000
GR	606.500	0.000	605.800	100.000	604.700	200.000	604.600	300.000	604.600	350.000
GR	604.200	400.000	596.800	410.000	596.900	417.000	597.000	424.000	602.200	430.000
GR	603.800	441.000	604.600	491.000	605.500	600.000	606.000	700.000	0.000	0.000
X1	3600.000	34.000	300.000	330.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.000	0.000	604.700	100.000	604.500	200.000	604.400	250.000	603.600	300.000
GR	599.800	308.200	598.600	308.500	597.900	309.000	597.300	310.000	597.000	311.000
GR	597.500	312.500	598.800	313.500	599.800	313.700	598.700	315.300	597.000	316.000
GR	596.600	316.500	596.600	317.000	596.600	318.000	596.500	319.000	597.000	320.000
GR	597.800	320.500	598.700	320.800	599.300	322.200	598.300	322.500	597.100	323.500
GR	596.600	325.000	596.800	326.000	597.500	327.000	599.300	327.700	599.300	328.300
GR	603.600	330.000	605.000	380.000	605.500	500.000	606.000	700.000	0.000	0.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	88.000	613.000	0.000	0.000	0.000	0.000	0.000
X1	3602.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	29.000	250.000	604.400	604.400	300.000	604.500	603.600	308.200	604.500	599.800
BT	308.500	604.500	601.000	309.000	604.500	601.700	310.000	604.500	602.400	311.000
BT	604.500	602.500	312.500	604.500	602.100	313.500	604.600	600.800	313.700	604.600
BT	599.800	315.300	604.600	598.700	316.000	604.600	600.500	316.500	604.600	601.000
BT	317.000	604.600	601.200	318.000	604.600	601.400	319.000	604.600	601.200	320.000
BT	604.600	600.500	320.500	604.600	599.700	320.800	604.600	598.700	322.200	604.600
BT	599.300	322.500	604.600	600.400	323.500	604.600	601.600	325.000	604.600	602.000
BT	326.000	604.600	601.800	327.000	604.600	601.100	327.700	604.600	599.300	328.300
BT	604.600	599.300	330.000	604.600	603.600	380.000	605.000	605.000	0.000	0.000
ET	0.000	0.000	4.110	90.000	620.000	0.000	0.000	0.000	0.000	0.000
X1	3634.000	0.000	0.000	0.000	32.000	32.000	32.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	602.500	604.500	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	3636.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	120.000	620.000	0.000	0.000	0.000	0.000	0.000
X1	3685.000	14.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.500	0.000	605.800	100.000	604.700	200.000	604.600	300.000	604.600	350.000
GR	604.200	400.000	596.800	410.000	596.900	417.000	597.000	424.000	602.200	430.000
GR	603.800	441.000	604.600	491.000	605.500	600.000	606.000	700.000	0.000	0.000
ET	0.000	0.000	4.100	260.000	640.000	0.000	0.000	0.000	0.000	0.000
X1	4480.000	15.000	400.000	441.000	795.000	795.000	795.000	0.000	0.000	0.000
GR	607.000	0.000	608.300	100.000	608.300	200.000	606.000	300.000	605.400	350.000
GR	604.100	400.000	601.600	411.000	598.200	415.000	597.600	420.000	597.700	425.000
GR	598.100	428.000	603.400	441.000	603.800	491.000	606.000	600.000	608.400	700.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	200.000	540.000	0.000	0.000	0.000	0.000	0.000

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X1	4529.000	32.000	300.000	335.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	608.300	0.000	608.300	100.000	606.300	200.000	606.100	250.000	605.800	300.000
GR	600.500	306.000	599.000	306.500	598.100	307.500	597.700	308.500	597.500	309.000
GR	597.800	310.000	598.400	311.000	598.800	311.500	600.500	312.000	605.000	313.000
GR	599.100	313.500	598.100	314.500	597.700	316.000	597.800	317.000	598.600	318.000
GR	599.000	318.500	600.600	319.000	600.500	320.000	598.800	320.500	597.900	321.500
GR	597.500	323.000	597.700	324.000	598.400	325.000	600.500	326.000	605.800	335.000
GR	605.800	385.000	607.000	600.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	18.000	0.000	85.000	0.000	597.500	597.500
ET	0.000	0.000	4.110	175.000	565.000	0.000	0.000	0.000	0.000	0.000
X1	4567.000	0.000	0.000	0.000	38.000	38.000	38.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	603.600	605.400	0.000	0.000	0.000	0.000	0.000
BT	32.000	0.000	608.300	0.000	100.000	608.300	0.000	200.000	606.300	0.000
BT	250.000	606.100	0.000	300.000	605.800	0.000	306.000	605.800	600.500	306.500
BT	605.800	602.100	307.500	605.800	603.100	308.500	605.800	603.400	309.000	605.800
BT	603.500	310.000	605.800	603.300	311.000	605.800	602.700	311.500	605.800	602.200
BT	312.000	605.800	600.500	313.000	605.800	600.600	313.500	605.800	602.200	314.500
BT	605.800	603.200	316.000	605.800	603.600	317.000	605.800	603.400	318.000	605.800
BT	602.800	318.500	605.800	602.100	319.000	605.800	600.600	320.000	605.800	600.500
BT	320.500	605.800	602.100	321.500	605.800	603.100	323.000	605.800	603.500	324.000
BT	605.800	603.300	325.000	605.800	602.700	326.000	605.800	600.500	335.000	605.800
BT	0.000	385.000	605.800	0.000	600.000	607.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	5.000	653.000	0.000	0.000	0.000	0.000	0.000
X1	4616.000	15.000	400.000	437.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	607.000	0.000	608.300	100.000	608.300	200.000	606.000	300.000	605.400	350.000
GR	604.100	400.000	601.600	411.000	598.200	415.000	597.600	420.000	597.700	425.000
GR	598.100	428.000	603.400	441.000	603.800	491.000	606.000	600.000	608.400	700.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	5486.000	16.000	500.000	528.000	870.000	870.000	870.000	0.000	0.000	0.000
GR	607.700	0.000	606.800	100.000	606.500	200.000	606.300	300.000	606.300	400.000
GR	605.200	500.000	601.700	507.000	598.400	507.000	598.100	512.000	598.100	517.000
GR	598.500	519.000	600.600	521.000	606.700	528.000	607.700	600.000	608.200	620.000
GR	612.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	1.000	499.040	0.000	0.000	0.000	0.000	0.000
X1	5535.000	32.000	300.000	340.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.500	0.000	606.300	100.000	606.300	200.000	606.200	250.000	606.600	300.000
GR	601.400	305.000	599.500	305.500	599.100	306.500	598.800	308.000	598.600	309.500
GR	599.500	310.500	601.400	311.000	600.900	312.000	598.600	312.500	598.400	313.500
GR	598.300	315.000	598.200	316.500	598.700	317.500	600.900	318.000	601.000	319.000
GR	599.400	319.500	598.400	320.500	598.000	322.000	598.500	323.500	599.600	324.500
GR	601.000	325.000	607.000	340.000	607.500	390.000	607.800	500.000	609.400	600.000
GR	610.500	700.000	611.200	800.000	0.000	0.000	0.000	0.000	0.000	0.000

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SB	0.000	1.560	2.630	0.000	18.000	0.000	84.000	0.000	598.300	598.300
ET	0.000	0.000	4.110	1.000	499.220	0.000	0.000	0.000	0.000	0.000
X1	5570.000	0.000	0.000	0.000	35.000	35.000	35.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	604.400	606.600	0.000	0.000	0.000	0.000	0.000
BT	32.000	0.000	606.500	0.000	100.000	606.300	0.000	200.000	606.300	0.000
BT	250.000	606.200	0.000	300.000	606.600	0.000	305.000	606.600	601.400	305.500
BT	606.600	603.100	306.500	606.600	604.000	308.000	606.700	604.400	309.500	606.700
BT	604.000	310.500	606.700	603.100	311.000	606.700	601.400	312.000	606.700	600.900
BT	312.500	606.700	602.700	313.500	606.800	603.500	315.000	606.800	603.900	316.500
BT	606.800	603.500	317.500	606.800	602.700	318.000	606.800	600.900	319.000	606.800
BT	601.000	319.500	606.800	602.800	320.500	606.800	603.700	322.000	606.800	604.000
BT	323.500	606.800	603.600	324.500	606.800	602.500	325.000	606.800	601.000	340.000
BT	607.000	0.000	390.000	607.500	0.000	500.000	607.800	0.000	600.000	609.400
BT	0.000	700.000	610.500	0.000	800.000	611.200	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	1.000	611.000	0.000	0.000	0.000	0.000	0.000
X1	5619.000	16.000	500.000	528.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	607.700	0.000	606.800	100.000	606.500	200.000	606.300	300.000	606.300	400.000
GR	605.200	500.000	601.200	507.000	598.400	507.000	598.100	512.000	598.100	517.000
GR	598.500	519.000	600.600	521.000	606.700	528.000	607.700	600.000	608.200	620.000
GR	612.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	450.000	530.000	0.000	0.000	0.000	0.000	0.000
X1	6944.000	18.000	500.000	533.000	1325.000	1325.000	1325.000	0.000	0.000	0.000
GR	610.800	0.000	610.600	100.000	610.000	200.000	610.000	300.000	607.400	400.000
GR	607.200	450.000	606.300	500.000	600.100	509.000	599.400	514.000	599.700	519.000
GR	600.400	522.000	603.800	527.000	606.700	533.000	607.800	600.000	609.600	700.000
GR	611.200	800.000	613.400	900.000	616.400	1000.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	402.000	440.000	0.000	0.000	0.000	0.000	0.000
X1	6993.000	29.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.000	0.000	610.400	100.000	610.200	200.000	609.700	300.000	609.700	350.000
GR	609.400	400.000	602.000	410.500	600.700	411.500	600.400	413.000	600.000	415.000
GR	599.900	416.000	600.000	417.000	600.400	419.000	600.500	420.500	602.000	421.500
GR	602.000	424.500	601.000	425.500	600.400	427.000	600.000	429.000	599.700	430.000
GR	600.000	430.500	600.700	433.000	601.000	434.500	602.000	435.500	609.300	441.000
GR	609.100	491.000	609.500	600.000	610.700	700.000	612.800	800.000	0.000	0.000
SB	0.000	2.090	2.630	0.000	25.000	0.000	128.000	0.000	600.000	600.000
ET	0.000	0.000	4.110	320.000	590.000	0.000	0.000	0.000	0.000	0.000
X1	7107.000	0.000	0.000	0.000	114.000	114.000	114.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	607.200	609.300	0.000	0.000	0.000	0.000	0.000
BT	29.000	0.000	611.000	0.000	100.000	610.400	0.000	200.000	610.200	0.000
BT	300.000	609.700	0.000	350.000	609.700	0.000	400.000	609.400	0.000	410.500
BT	609.400	602.000	411.500	609.400	604.800	413.000	609.400	606.000	415.000	609.400
BT	607.000	416.000	609.400	607.200	417.000	609.400	607.000	419.000	609.400	606.000
BT	420.500	609.400	604.800	421.500	609.400	602.000	424.500	609.400	602.000	425.500
BT	609.400	604.800	427.000	609.400	606.000	429.000	609.400	607.000	430.000	609.400
BT	607.100	430.500	609.400	607.000	433.000	609.400	606.000	434.500	609.400	604.800
BT	435.500	609.400	602.000	441.000	609.300	0.000	491.000	609.100	0.000	600.000
BT	609.500	0.000	700.000	610.700	0.000	800.000	612.800	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	7156.000	18.000	500.000	533.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	610.800	0.000	610.600	100.000	610.000	200.000	610.000	300.000	607.400	400.000
GR	607.200	450.000	606.300	500.000	600.100	509.000	599.400	514.000	599.700	519.000
GR	600.400	522.000	603.800	527.000	606.700	533.000	607.800	600.000	609.600	700.000
GR	611.200	800.000	613.400	900.000	616.400	1000.000	0.000	0.000	0.000	0.000
X1	8835.000	16.000	500.000	534.000	1679.000	1679.000	1679.000	0.000	0.000	0.000
GR	617.000	0.000	615.700	100.000	613.000	200.000	610.700	300.000	609.000	400.000
GR	608.600	485.000	608.200	500.000	601.900	512.000	601.500	517.000	601.600	522.000
GR	601.700	527.000	607.900	534.000	607.900	634.000	610.000	700.000	614.300	800.000
GR	616.200	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	8884.000	35.000	400.000	430.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	615.000	0.000	612.200	100.000	610.200	200.000	609.000	300.000	608.300	350.000
GR	609.500	400.000	604.600	402.500	604.600	404.000	602.900	404.500	602.100	405.500
GR	601.600	407.000	602.100	408.500	602.900	409.500	604.600	410.000	604.700	411.000
GR	602.500	412.000	601.900	413.000	601.700	414.000	601.900	415.000	602.500	416.000
GR	604.700	417.000	605.600	418.000	603.800	418.500	603.000	419.500	602.600	421.000
GR	603.000	422.500	603.800	423.500	605.600	424.000	605.600	428.000	609.500	430.000
GR	608.700	477.000	609.000	527.000	610.500	600.000	612.500	700.000	614.000	800.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	250.000	530.000	0.000	0.000	0.000	0.000	0.000
X1	8886.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	26.000	0.000	615.000	615.000	400.000	609.500	609.500	402.500	609.500	604.600
BT	404.000	609.500	604.600	404.500	609.500	606.200	405.500	609.500	607.200	407.000
BT	609.500	607.600	408.500	609.500	607.200	409.500	609.500	606.200	410.000	609.500
BT	604.600	411.000	609.500	606.900	412.000	609.500	607.100	413.000	609.500	607.300
BT	414.000	609.500	607.700	415.000	609.500	607.300	416.000	609.500	607.100	417.000
BT	609.500	604.700	418.000	609.500	605.600	418.500	609.500	607.500	419.500	609.500
BT	608.400	421.000	609.500	608.600	422.500	609.500	608.400	423.500	609.500	607.500
BT	424.000	609.500	605.600	430.000	609.500	0.000	477.000	608.700	608.700	0.000
ET	0.000	0.000	4.110	240.000	540.000	0.000	0.000	0.000	0.000	0.000
X1	8916.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	608.600	609.500	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	8918.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X1	8967.000	16.000	500.000	534.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	617.000	0.000	615.700	100.000	613.000	200.000	610.700	300.000	609.000	400.000
GR	608.600	485.000	608.200	500.000	601.900	512.000	601.500	517.000	601.600	522.000
GR	601.700	527.000	607.900	534.000	607.900	634.000	610.000	700.000	614.600	800.000
GR	616.200	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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ET	0.000	0.000	4.100	330.000	615.000	0.000	0.000	0.000	0.000	0.000
X1	9535.000	16.000	500.000	534.000	568.000	568.000	568.000	0.000	0.000	0.000
GR	614.400	0.000	613.300	100.000	611.800	200.000	611.000	300.000	610.300	400.000
GR	609.900	450.000	607.800	500.000	602.100	511.000	602.100	512.000	602.100	517.000
GR	602.100	521.000	609.400	534.000	610.400	554.000	611.000	600.000	612.200	700.000
GR	614.100	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	229.050	615.400	0.000	0.000	0.000	0.000	0.000
X1	9584.000	31.000	400.000	440.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.500	0.000	611.600	100.000	611.400	200.000	610.500	300.000	610.000	350.000
GR	610.000	400.000	606.200	409.000	604.500	409.500	603.600	410.500	603.200	412.000
GR	603.600	413.500	604.500	414.500	606.200	415.000	605.000	417.000	603.300	417.500
GR	602.400	418.500	602.000	420.000	602.400	421.500	603.300	422.500	605.000	423.000
GR	604.800	424.000	603.100	424.500	602.200	425.500	601.800	427.000	602.200	428.500
GR	603.100	429.500	604.800	430.000	610.000	440.000	609.800	490.000	611.000	600.000
GR	611.900	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	21.000	0.000	84.000	0.000	601.800	601.800
ET	0.000	0.000	4.110	228.240	616.200	0.000	0.000	0.000	0.000	0.000
X1	9616.000	0.000	0.000	0.000	32.000	32.000	32.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	609.200	610.000	0.000	0.000	0.000	0.000	0.000
BT	31.000	0.000	612.500	0.000	100.000	611.600	0.000	200.000	611.400	0.000
BT	300.000	610.500	0.000	350.000	610.000	0.000	400.000	610.000	0.000	409.000
BT	610.000	606.200	409.500	610.000	607.800	410.500	610.000	608.800	412.000	610.000
BT	609.200	413.500	610.000	608.800	414.500	610.000	607.800	415.000	610.000	606.200
BT	417.000	610.000	605.000	417.500	610.100	606.700	418.500	610.100	607.600	420.000
BT	610.100	608.000	421.500	610.100	607.600	422.500	610.000	606.700	423.000	610.000
BT	605.000	424.000	610.000	604.800	424.500	610.000	606.500	425.500	610.000	607.500
BT	427.000	610.000	607.800	428.500	610.000	607.500	429.500	610.000	606.500	430.000
BT	610.000	604.800	440.000	610.000	0.000	490.000	609.800	0.000	600.000	611.000
BT	0.000	700.000	611.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	274.440	617.040	0.000	0.000	0.000	0.000	0.000
X1	9665.000	16.000	500.000	534.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.400	0.000	613.300	100.000	611.800	200.000	611.000	300.000	610.300	400.000
GR	609.900	450.000	607.800	500.000	602.100	511.000	602.100	512.000	602.100	517.000
GR	602.100	521.000	609.400	534.000	610.400	554.000	611.000	600.000	612.200	700.000
GR	614.100	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	466.230	581.210	0.000	0.000	0.000	0.000	0.000
X1	10320.000	17.000	500.000	546.000	655.000	655.000	655.000	0.000	0.000	0.000
GR	616.000	0.000	615.000	100.000	614.500	200.000	612.600	300.000	612.500	400.000
GR	613.000	450.000	611.900	460.000	611.800	486.000	611.600	500.000	607.000	508.000
GR	603.900	511.000	603.100	520.000	603.900	528.000	611.400	546.000	611.800	566.000
GR	612.000	606.000	612.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	402.000	596.000	0.000	0.000	0.000	0.000	0.000
X1	10369.000	31.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.200	0.000	614.200	100.000	612.800	200.000	614.000	300.000	613.500	350.000
GR	612.400	367.000	612.200	400.000	605.200	410.000	605.000	410.500	604.800	411.500
GR	604.200	413.000	604.300	414.500	604.400	415.500	604.500	416.000	604.500	417.000
GR	604.500	417.500	604.500	418.500	604.500	420.000	604.400	421.500	604.400	422.500
GR	604.300	423.000	604.300	424.000	604.200	424.500	604.200	425.500	604.200	427.000
GR	604.200	428.500	604.200	429.500	604.200	430.000	612.800	441.000	611.700	491.000
GR	611.500	600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.940	2.630	0.000	20.000	0.000	78.000	0.000	604.200	604.200
ET	0.000	0.000	4.110	362.540	600.000	0.000	0.000	0.000	0.000	0.000
X1	10431.000	0.000	0.000	0.000	62.000	62.000	62.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	610.600	612.200	0.000	0.000	0.000	0.000	0.000
BT	31.000	0.000	614.200	0.000	100.000	614.200	0.000	200.000	612.800	0.000
BT	300.000	614.000	0.000	350.000	613.500	0.000	367.000	612.400	0.000	400.000
BT	612.200	0.000	410.000	612.200	605.200	410.500	612.200	608.200	411.500	612.200
BT	610.000	413.000	612.300	610.500	414.500	612.300	610.000	415.500	612.300	608.200
BT	416.000	612.300	604.500	417.000	612.300	604.500	417.500	612.300	607.800	418.500
BT	612.400	610.000	420.000	612.400	610.600	421.500	612.400	610.000	422.500	612.500
BT	607.800	423.000	612.500	604.300	424.000	612.500	604.300	424.500	612.500	607.800
BT	425.500	612.600	610.000	427.000	612.600	610.600	428.500	612.600	610.000	429.500
BT	612.600	607.800	430.000	612.700	604.200	441.000	612.800	0.000	491.000	611.700
BT	0.000	600.000	611.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	320.000	655.000	0.000	0.000	0.000	0.000	0.000
X1	10480.000	17.000	500.000	546.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	616.000	0.000	615.000	100.000	614.500	200.000	612.600	300.000	612.500	400.000
GR	613.000	450.000	611.900	460.000	611.800	486.000	611.600	500.000	607.000	508.000
GR	603.900	511.000	603.100	520.000	603.900	528.000	611.400	546.000	611.800	566.000
GR	612.000	606.000	612.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	486.000	556.000	0.000	0.000	0.000	0.000	0.000
X1	11370.000	17.000	512.000	543.000	890.000	890.000	890.000	0.000	0.000	0.000
GR	617.300	0.000	617.100	100.000	616.700	200.000	616.300	300.000	614.600	400.000
GR	614.200	450.000	613.300	500.000	611.000	504.000	608.800	512.000	605.400	516.000
GR	604.500	524.000	605.300	533.000	611.900	543.000	615.400	588.000	614.200	618.000
GR	616.500	700.000	618.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.026	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	402.000	446.000	0.000	0.000	0.000	0.000	0.000
X1	11419.000	16.000	400.000	447.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.100	0.000	617.100	100.000	616.000	200.000	615.200	300.000	615.100	350.000
GR	614.800	400.000	606.500	414.000	605.600	415.000	606.000	420.000	605.800	425.000
GR	605.500	430.000	605.000	435.000	607.800	440.000	614.600	447.000	615.000	500.000
GR	616.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SB	0.000	1.910	2.630	0.000	25.000	0.000	130.000	0.000	605.000	605.000
ET	0.000	0.000	4.110	340.000	510.000	0.000	0.000	0.000	0.000	0.000
X1	11480.000	0.000	0.000	0.000	61.000	61.000	61.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	611.100	614.600	0.000	0.000	0.000	0.000	0.000
BT	10.000	0.000	618.100	0.000	100.000	617.100	0.000	200.000	616.000	0.000
BT	300.000	615.200	0.000	350.000	615.100	0.000	400.000	614.800	0.000	415.000
BT	614.800	611.100	440.000	614.800	611.000	500.000	615.000	0.000	700.000	615.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	397.000	549.000	0.000	0.000	0.000	0.000	0.000
X1	11510.000	17.000	500.000	562.000	30.000	30.000	30.000	0.000	0.000	0.000
GR	618.000	0.000	618.000	100.000	617.000	200.000	615.000	300.000	614.000	400.000
GR	615.600	450.000	613.600	500.000	605.700	523.000	605.500	528.000	605.300	533.000
GR	605.200	538.000	605.400	543.000	605.700	545.000	613.400	562.000	615.900	700.000
GR	615.500	800.000	616.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	397.000	549.000	0.000	0.000	0.000	0.000	0.000
X1	11510.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.026	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	503.000	588.000	0.000	0.000	0.000	0.000	0.000
X1	11559.000	15.000	500.000	554.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.200	0.000	617.600	100.000	617.300	200.000	617.000	300.000	616.800	400.000
GR	616.600	450.000	616.300	500.000	607.100	517.000	605.500	524.000	605.400	530.000
GR	605.800	540.000	606.200	543.000	607.100	548.000	614.900	554.000	616.400	700.000
SB	0.000	1.770	2.630	0.000	26.000	0.000	205.000	0.000	605.400	605.400
ET	0.000	0.000	4.110	501.000	671.000	0.000	0.000	0.000	0.000	0.000
X1	11622.000	0.000	0.000	0.000	63.000	63.000	63.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	613.800	616.200	0.000	0.000	0.000	0.000	0.000
BT	4.000	517.000	616.300	607.100	517.000	616.300	613.800	543.000	616.300	613.600
BT	543.000	616.300	606.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	320.000	650.000	0.000	0.000	0.000	0.000	0.000
X1	11671.000	17.000	500.000	564.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.000	0.000	618.000	100.000	617.000	200.000	615.000	300.000	614.000	400.000
GR	615.600	450.000	613.600	500.000	605.700	523.000	605.500	528.000	605.300	533.000
GR	605.200	538.000	605.400	543.000	605.700	545.000	613.400	562.000	615.900	700.000
GR	615.500	800.000	616.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	133.000	673.000	0.000	0.000	0.000	0.000	0.000
X1	12346.000	15.000	500.000	533.000	675.000	675.000	675.000	0.000	0.000	0.000
GR	614.500	0.000	614.200	100.000	614.100	200.000	613.000	300.000	611.200	400.000
GR	613.700	450.000	612.800	500.000	608.100	510.000	606.700	515.000	608.100	521.000
GR	614.900	533.000	615.400	583.000	616.000	600.000	615.500	700.000	615.000	800.000

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ET	0.000	0.000	4.100	1.000	489.390	0.000	0.000	0.000	0.000	0.000
X1	12395.000	15.000	400.000	433.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.200	0.000	614.100	100.000	613.000	200.000	611.500	300.000	612.900	350.000
GR	614.200	400.000	609.500	408.000	605.600	415.000	605.600	419.000	606.100	422.000
GR	610.400	429.000	614.000	433.000	615.500	500.000	616.200	600.000	616.000	760.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	1.000	491.560	0.000	0.000	0.000	0.000	0.000
X1	12397.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	400.000	614.200	614.200	408.000	614.200	612.800	429.000	614.000	612.800
BT	433.000	614.000	614.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	1.000	491.730	0.000	0.000	0.000	0.000	0.000
X1	12403.000	0.000	0.000	0.000	6.000	6.000	6.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	612.800	614.000	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	15.000	505.000	0.000	0.000	0.000	0.000	0.000
X1	12405.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	62.000	702.000	0.000	0.000	0.000	0.000	0.000
X1	12454.000	15.000	500.000	533.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.500	0.000	614.200	100.000	614.100	200.000	613.000	300.000	611.200	400.000
GR	613.700	450.000	612.800	500.000	608.100	510.000	606.700	515.000	608.100	521.000
GR	614.900	533.000	615.400	583.000	616.000	600.000	615.500	700.000	615.000	800.000
ET	0.000	0.000	4.100	457.000	561.000	0.000	0.000	0.000	0.000	0.000
X1	14585.000	19.000	500.000	538.000	2131.000	2131.000	2131.000	0.000	0.000	0.000
GR	620.200	0.000	619.700	100.000	619.000	200.000	618.500	300.000	618.000	400.000
GR	617.000	450.000	615.800	500.000	610.200	512.000	607.200	513.000	606.900	518.000
GR	607.400	524.000	611.200	525.000	612.000	529.000	616.200	538.000	617.600	590.000
GR	618.300	700.000	618.300	800.000	620.000	900.000	620.300	1000.000	0.000	0.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	346.000	526.000	0.000	0.000	0.000	0.000	0.000
X1	14634.000	21.000	400.000	442.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	617.800	0.000	617.200	100.000	617.000	200.000	616.300	300.000	616.300	350.000
GR	616.000	400.000	610.700	415.000	608.000	416.000	606.700	417.000	606.500	418.000
GR	606.100	420.000	605.900	422.000	606.100	424.000	606.200	426.000	606.500	427.000
GR	608.000	428.000	616.000	442.000	616.100	492.000	616.000	600.000	616.700	700.000
GR	617.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	12.000	0.000	76.000	0.000	605.900	605.900
ET	0.000	0.000	4.110	351.000	521.000	0.000	0.000	0.000	0.000	0.000
X1	14672.000	0.000	0.000	0.000	38.000	38.000	38.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	613.700	616.000	0.000	0.000	0.000	0.000	0.000
BT	21.000	0.000	617.800	0.000	100.000	617.200	0.000	200.000	617.000	0.000
BT	300.000	616.300	0.000	350.000	616.300	0.000	400.000	616.000	0.000	415.000
BT	610.700	0.000	416.000	616.000	608.000	417.000	616.000	611.000	418.000	616.000
BT	612.200	420.000	616.000	613.500	422.000	616.000	613.700	424.000	616.000	613.500
BT	426.000	616.000	612.200	427.000	616.000	611.000	428.000	616.000	608.000	442.000
BT	616.000	0.000	492.000	616.100	0.000	600.000	616.100	0.000	700.000	616.700
BT	0.000	800.000	617.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	442.000	572.000	0.000	0.000	0.000	0.000	0.000
X1	14721.000	17.000	500.000	541.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.200	0.000	619.700	100.000	619.000	200.000	618.500	300.000	618.000	400.000
GR	617.000	450.000	615.800	500.000	610.200	512.000	607.200	513.000	606.900	518.000
GR	607.400	524.000	611.200	525.000	612.000	529.000	616.200	538.000	617.600	590.000
GR	618.300	700.000	618.300	800.000	620.000	900.000	620.300	1000.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	17010.000	19.000	500.000	536.000	2289.000	2289.000	2289.000	0.000	0.000	0.000
GR	621.000	0.000	620.000	100.000	620.000	200.000	621.000	300.000	620.600	400.000
GR	620.600	450.000	617.900	500.000	613.000	510.000	609.700	512.000	609.300	517.000
GR	609.700	522.000	611.800	525.000	617.100	536.000	618.400	550.000	618.400	586.000
GR	619.000	600.000	623.000	700.000	624.400	800.000	625.000	900.000	0.000	0.000
NC	0.060	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	160.000	445.000	0.000	0.000	0.000	0.000	0.000
X1	17059.000	24.000	422.000	437.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.400	0.000	620.200	100.000	620.000	200.000	619.200	300.000	619.400	350.000
GR	619.900	400.000	610.800	422.000	609.800	422.000	609.800	423.000	609.700	424.000
GR	609.600	426.000	609.600	428.000	609.600	429.000	609.600	430.000	609.700	432.000
GR	609.700	434.000	609.800	435.000	609.800	436.000	610.800	437.000	612.400	438.000
GR	620.400	465.000	622.000	500.000	623.000	600.000	624.000	700.000	0.000	0.000
SB	0.000	3.200	2.630	0.000	15.000	0.000	80.000	0.000	609.600	609.600
ET	0.000	0.000	4.110	110.000	455.000	0.000	0.000	0.000	0.000	0.000
X1	17239.000	0.000	0.000	0.000	180.000	180.000	180.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	616.700	619.900	0.000	0.000	0.000	0.000	0.000
BT	21.000	0.000	620.400	0.000	100.000	620.200	0.000	200.000	620.000	0.000
BT	300.000	619.200	0.000	350.000	619.400	0.000	400.000	619.900	0.000	422.000
BT	620.000	610.800	423.000	620.000	612.900	424.000	620.000	614.300	426.000	620.100
BT	615.800	428.000	620.100	616.500	429.000	620.100	616.700	430.000	620.100	616.500
BT	432.000	620.100	616.200	434.000	620.200	615.100	435.000	620.200	614.300	436.000
BT	620.200	613.000	437.000	620.200	610.800	438.000	620.200	0.000	465.000	620.400
BT	0.000	700.000	624.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	17288.000	19.000	500.000	536.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	621.000	0.000	620.000	100.000	620.000	200.000	621.000	300.000	620.600	400.000
GR	620.600	450.000	617.900	500.000	613.000	510.000	609.700	512.000	609.300	517.000
GR	609.700	522.000	611.800	525.000	617.100	536.000	618.400	550.000	618.400	586.000
GR	619.000	600.000	623.000	700.000	624.400	800.000	625.000	900.000	0.000	0.000
X1	18250.000	15.000	500.000	532.000	962.000	962.000	962.000	0.000	0.000	0.000
GR	621.500	0.000	620.000	100.000	619.800	200.000	618.900	300.000	618.700	400.000
GR	618.000	450.000	617.600	500.000	612.400	514.000	612.000	520.000	612.200	527.000
GR	617.800	532.000	617.200	582.000	619.600	600.000	621.800	700.000	621.400	800.000

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X1	18299.000	20.000	400.000	468.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	619.800	0.000	619.800	100.000	618.500	200.000	617.100	300.000	620.600	350.000
GR	619.200	400.000	613.700	425.000	612.400	430.000	610.600	434.000	610.700	437.000
GR	611.000	442.000	613.200	445.000	613.900	447.500	614.100	450.000	618.400	468.000
GR	620.200	528.000	620.500	600.000	621.000	700.000	622.000	800.000	622.000	900.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	140.000	590.000	0.000	0.000	0.000	0.000	0.000
X1	18301.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	400.000	619.200	619.200	430.000	617.600	616.600	447.500	617.600	616.600
BT	468.000	618.400	618.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	140.000	593.000	0.000	0.000	0.000	0.000	0.000
X1	18307.000	0.000	0.000	0.000	6.000	6.000	6.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	616.600	617.600	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	140.000	594.000	0.000	0.000	0.000	0.000	0.000
X1	18309.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	20.000	670.000	0.000	0.000	0.000	0.000	0.000
X1	18358.000	15.000	500.000	532.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	621.500	0.000	620.000	100.000	619.800	200.000	618.900	300.000	618.700	400.000
GR	618.000	450.000	617.600	500.000	612.400	514.000	612.000	520.000	612.200	527.000
GR	617.800	532.000	617.700	582.000	619.600	600.000	621.800	700.000	621.400	800.000
ET	0.000	0.000	4.100	430.000	643.000	0.000	0.000	0.000	0.000	0.000
X1	18630.000	19.000	500.000	578.000	272.000	272.000	272.000	0.000	0.000	0.000
GR	623.000	0.000	622.700	100.000	621.000	200.000	621.000	300.000	622.600	400.000
GR	622.000	485.000	621.100	500.000	613.100	535.000	610.800	537.000	610.600	541.000
GR	610.800	546.000	613.100	549.000	620.000	578.000	621.400	590.000	621.800	600.000
GR	621.500	700.000	622.300	800.000	622.500	900.000	622.700	1000.000	0.000	0.000
ET	0.000	0.000	4.100	65.000	570.000	0.000	0.000	0.000	0.000	0.000
X1	18679.000	18.000	400.000	453.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	621.500	0.000	621.000	100.000	620.500	200.000	620.200	300.000	620.400	350.000
GR	621.300	400.000	615.200	420.000	614.300	423.000	611.000	426.000	610.800	431.000
GR	611.100	436.000	616.000	447.000	621.100	453.000	620.800	532.000	621.000	600.000
GR	621.500	700.000	621.800	800.000	623.000	900.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.026	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	250.000	450.000	0.000	0.000	0.000	0.000	0.000
X1	18681.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	400.000	621.300	621.300	420.000	621.300	619.600	447.000	621.200	619.500
BT	453.000	621.100	621.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	214.000	486.000	0.000	0.000	0.000	0.000	0.000
X1	18717.000	0.000	0.000	0.000	36.000	36.000	36.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	619.600	621.100	0.000	1.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	210.000	486.000	0.000	0.000	0.000	0.000	0.000
X1	18719.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	190.000	667.000	0.000	0.000	0.000	0.000	0.000
X1	18768.000	19.000	500.000	558.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.000	0.000	622.700	100.000	621.000	200.000	621.000	300.000	622.600	400.000
GR	622.000	485.000	621.100	500.000	613.100	535.000	610.800	537.000	610.600	541.000
GR	610.800	546.000	613.100	549.000	620.000	578.000	621.400	590.000	621.800	600.000
GR	621.500	700.000	622.300	800.000	622.500	900.000	622.700	1000.000	0.000	0.000
ET	0.000	0.000	4.100	375.000	655.000	0.000	0.000	0.000	0.000	0.000
X1	19845.000	18.000	500.000	537.000	1077.000	1077.000	1077.000	0.000	0.000	0.000
GR	629.000	0.000	626.000	100.000	624.000	200.000	622.000	300.000	620.000	400.000
GR	620.100	450.000	621.500	500.000	616.700	512.000	612.800	515.000	612.500	520.000
GR	612.800	525.000	616.300	526.000	619.800	537.000	621.000	590.000	622.000	700.000
GR	622.200	800.000	623.000	900.000	625.200	1000.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	218.990	535.630	0.000	0.000	0.000	0.000	0.000
X1	19894.000	21.000	500.000	538.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.700	0.000	623.200	100.000	622.500	200.000	621.800	300.000	620.000	400.000
GR	623.200	450.000	623.500	500.000	615.800	509.000	613.800	510.000	613.000	512.000
GR	613.000	514.000	613.000	516.000	613.000	518.000	613.100	520.000	613.900	522.000
GR	615.800	523.000	623.600	538.000	624.000	588.000	624.000	700.000	626.000	800.000
GR	626.200	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.580	2.630	0.000	14.000	0.000	99.000	0.000	613.000	613.000
ET	0.000	0.000	4.110	218.070	535.640	0.000	0.000	0.000	0.000	0.000
X1	20007.000	0.000	0.000	0.000	113.000	113.000	113.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	622.000	623.500	0.000	0.000	0.000	0.000	0.000
BT	21.000	0.000	623.700	0.000	100.000	623.200	0.000	200.000	622.500	0.000
BT	300.000	621.800	0.000	400.000	621.800	0.000	450.000	623.200	0.000	500.000
BT	623.500	0.000	509.000	623.500	615.800	510.000	623.500	618.200	512.000	623.500
BT	620.500	514.000	623.500	621.700	516.000	623.500	622.000	518.000	623.500	621.700
BT	520.000	623.500	620.600	522.000	623.500	618.200	523.000	623.500	615.800	538.000
BT	623.600	0.000	588.000	624.000	0.000	700.000	624.000	0.000	800.000	626.000
BT	0.000	900.000	626.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	389.000	754.000	0.000	0.000	0.000	0.000	0.000
X1	20056.000	18.000	500.000	537.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	629.000	0.000	626.000	100.000	624.000	200.000	622.000	300.000	620.000	400.000
GR	620.100	450.000	621.500	500.000	616.700	512.000	612.800	515.000	612.500	520.000
GR	612.800	525.000	616.300	526.000	619.800	537.000	621.000	590.000	622.000	700.000
GR	622.200	800.000	623.000	900.000	625.200	1000.000	0.000	0.000	0.000	0.000
QT	2.000	998.000	998.000	2.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	35.000	550.000	0.000	0.000	0.000	0.000	0.000

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X1	21606.000	18.000	500.000	537.000	1550.000	1550.000	1550.000	0.000	0.000	0.000
GR	623.000	0.000	622.800	100.000	622.400	200.000	622.000	300.000	621.700	400.000
GR	621.700	450.000	621.800	500.000	617.300	513.000	615.300	514.000	614.800	519.000
GR	615.200	524.000	621.800	537.000	624.100	587.000	625.000	600.000	625.600	700.000
GR	626.200	800.000	627.200	900.000	628.300	1000.000	0.000	0.000	0.000	0.000
QT	2.000	580.000	580.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	1.000	491.410	0.000	0.000	0.000	0.000	0.000
X1	21655.000	20.000	400.000	439.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.500	0.000	622.200	100.000	621.300	200.000	621.000	300.000	621.100	350.000
GR	622.600	400.000	618.300	406.000	618.800	416.000	616.600	417.000	616.000	418.000
GR	615.800	419.000	616.000	420.000	616.600	421.000	618.800	422.000	618.200	430.000
GR	622.500	438.000	624.000	500.000	625.000	600.000	626.000	700.000	627.500	800.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	1.000	491.440	0.000	0.000	0.000	0.000	0.000
X1	21657.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	11.000	350.000	621.100	0.000	400.000	622.600	0.000	416.000	622.600	618.800
BT	417.000	622.600	621.000	418.000	622.600	621.700	419.000	622.600	621.800	420.000
BT	622.600	621.700	421.000	622.600	621.000	422.000	622.600	618.800	438.000	622.500
BT	0.000	500.000	624.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	10.000	490.000	0.000	0.000	0.000	0.000	0.000
X1	21680.000	0.000	0.000	0.000	23.000	23.000	23.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	621.800	622.600	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	10.000	490.000	0.000	0.000	0.000	0.000	0.000
X1	21682.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	85.000	550.000	0.000	0.000	0.000	0.000	0.000
X1	21731.000	18.000	500.000	537.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.000	0.000	622.800	100.000	622.400	200.000	622.000	300.000	621.700	400.000
GR	621.700	450.000	621.800	500.000	617.300	513.000	615.300	514.000	614.800	519.000
GR	615.200	524.000	621.800	537.000	624.100	587.000	625.000	600.000	625.600	700.000
GR	626.200	800.000	627.700	900.000	628.300	1000.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	23500.000	13.000	500.000	537.000	1769.000	1769.000	1769.000	0.000	0.000	0.000
GR	629.300	0.000	628.500	100.000	628.000	200.000	626.000	300.000	624.000	400.000
GR	622.500	500.000	618.000	514.000	617.500	519.000	617.200	524.000	622.500	537.000
GR	623.700	700.000	624.200	800.000	626.000	900.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 200.000

UPSTREAM OF ALLEN RD.

200.00	10.60	602.00	0.00	602.00	602.25	0.25	0.00	0.00	599.00
1312.	98.	1130.	85.	115.	260.	112.	0.	0.	599.90
0.00	0.85	4.35	0.75	0.070	0.035	0.070	0.000	591.40	500.00
0.000865	0.	0.	0.	0	0	0	0.00	236.54	736.54

Question on the starting WSEL Quad shows top of Allen Rd @ 602. For over 1 mile. Wouldn't expect to get much above that. Soo, year start of 602.2 may be high.

*SECNO 650.000

DOWNSTREAM OF PRIVATE BRIDGE

650.00	10.44	602.44	0.00	0.00	602.62	0.18	0.36	0.01	599.70
1312.	250.	1059.	4.	306.	283.	11.	6.	3.	601.60
0.04	0.82	3.75	0.33	0.070	0.035	0.070	0.000	592.00	218.48
0.000741	450.	450.	450.	2	0	0	0.00	351.91	570.39

CCHV= 0.300 CEHV= 0.500

*SECNO 699.000

699.00	10.21	602.41	0.00	0.00	602.76	0.35	0.05	0.09	601.40
1312.	44.	1262.	7.	69.	261.	13.	6.	3.	601.60
0.04	0.64	4.83	0.50	0.060	0.035	0.060	0.000	592.20	338.52
0.001383	49.	49.	49.	2	0	0	0.00	228.78	567.30

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	84.00	0.00	592.20	592.20

*SECNO 714.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.32	602.76	0.00	899.	413.	84.	94.	600.00	601.10

714.00	10.51	602.71	0.00	0.00	602.99	0.28	0.24	0.00	601.40
1312.	84.	1213.	14.	126.	275.	26.	6.	3.	601.60
0.04	0.67	4.42	0.55	0.060	0.035	0.060	0.000	592.20	243.12
0.001082	15.	15.	15.	2	0	6	0.00	336.83	579.94

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 763.000
3280 CROSS SECTION 763.00 EXTENDED 0.14 FEET

UPSTREAM OF PRIVATE BRIDGE

763.00	10.94	602.94	0.00	0.00	603.04	0.10	0.03	0.02	599.70
1312.	378.	922.	11.	508.	304.	28.	7.	4.	601.60
0.05	0.74	3.03	0.40	0.060	0.035	0.060	0.000	592.00	0.00
0.000439	49.	49.	49.	2	0	0	0.00	585.93	585.93

*SECNO 1313.000
3280 CROSS SECTION 1313.00 EXTENDED 0.21 FEET

DOWNSTREAM OF D.T.I.RR.

1313.00	9.81	603.21	0.00	0.00	603.29	0.09	0.25	0.00	600.10
1312.	439.	712.	160.	597.	229.	231.	19.	12.	601.20
0.12	0.74	3.11	0.69	0.060	0.035	0.060	0.000	593.40	0.00
0.000465	550.	550.	550.	2	0	0	0.00	700.00	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1362.000

3301 HV CHANGED MORE THAN HVINS

1362.00	8.97	602.97	0.00	0.00	603.62	0.66	0.04	0.29	606.20
1312.	0.	1311.	1.	0.	202.	1.	20.	13.	602.50
0.13	0.00	6.50	0.47	0.000	0.035	0.060	0.000	594.00	202.31
0.002545	49.	49.	49.	2	0	0	0.00	33.14	235.45

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	21.00	1.50	127.00	0.00	594.40	594.40

*SECNO 1399.000
PRESSURE FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
605.55	603.71	0.10	0.	1312.	127.	123.	600.70	606.80

1399.00	11.21	605.21	0.00	0.00	605.55	0.34	1.93	0.00	606.20
1312.	0.	1270.	42.	0.	265.	43.	20.	13.	602.50
0.13	0.00	4.79	0.98	0.000	0.035	0.060	0.000	594.00	200.71
0.001047	37.	37.	37.	2	0	0	0.00	60.80	261.50

*SECNO 1448.000
3280 CROSS SECTION 1448.00 EXTENDED 2.65 FEET

UPSTREAM OF D.T.I.RR.

1448.00	12.25	605.65	0.00	0.00	605.66	0.01	0.01	0.10	600.10
1312.	709.	351.	252.	1819.	307.	642.	22.	13.	601.20
0.15	0.39	1.14	0.39	0.060	0.035	0.060	0.000	593.40	0.00
0.000042	49.	49.	49.	2	0	0	0.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1998.000
3280 CROSS SECTION 1998.00 EXTENDED 2.13 FEET

DOWNSTREAM OF RET. POND SERVICE RD.

1998.00	11.68	605.68	0.00	0.00	605.69	0.01	0.03	0.00	600.20
1312.	636.	387.	289.	1248.	301.	752.	54.	21.	601.40
0.37	0.51	1.28	0.38	0.060	0.035	0.060	0.000	594.00	0.00
0.000059	550.	550.	550.	2	0	0	0.00	600.00	600.00

*SECNO 2047.000
3280 CROSS SECTION 2047.00 EXTENDED 3.18 FEET

2047.00	11.87	605.67	0.00	0.00	605.70	0.03	0.00	0.00	603.60
1312.	179.	600.	533.	469.	328.	871.	56.	22.	603.50
0.38	0.38	1.83	0.61	0.060	0.035	0.060	0.000	593.80	0.00
0.000126	49.	49.	49.	0	0	0	0.00	600.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 2049.000
3280 CROSS SECTION 2049.00 EXTENDED 3.18 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 602.90 MAX ELLC= 602.50

2049.00	11.89	605.69	0.00	0.00	605.70	0.01	0.00	0.00	603.60
1312.	268.	245.	799.	469.	228.	871.	56.	22.	603.50
0.38	0.57	1.08	0.92	0.070	0.045	0.070	0.000	593.80	0.00
0.000387	2.	2.	2.	1	0	0	-100.45	600.00	600.00

*SECNO 2076.000
3280 CROSS SECTION 2076.00 EXTENDED 3.20 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 603.50 MAX ELLC= 600.60

2076.00	11.90	605.70	0.00	0.00	605.71	0.01	0.01	0.00	603.60
1312.	270.	244.	798.	474.	228.	875.	57.	22.	603.50
0.39	0.57	1.07	0.91	0.070	0.045	0.070	0.000	593.80	0.00
0.000380	27.	27.	27.	0	0	0	-100.45	600.00	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2078.000
3280 CROSS SECTION 2078.00 EXTENDED 3.19 FEET

2078.00	11.89	605.69	0.00	0.00	605.72	0.03	0.00	0.01	603.60
1312.	167.	648.	496.	473.	329.	875.	57.	22.	603.50
0.39	0.35	1.97	0.57	0.070	0.035	0.070	0.000	593.80	0.00
0.000147	2.	2.	2.	1	0	0	0.00	600.00	600.00

*SECNO 2127.000
3280 CROSS SECTION 2127.00 EXTENDED 2.22 FEET

UPSTREAM OF RET. POND SERVICE RD.

2127.00	11.72	605.72	0.00	0.00	605.73	0.00	0.01	0.00	600.20
1312.	0.	0.	1312.	0.	0.	2328.	59.	23.	654.20
0.41	0.00	0.00	0.56	0.000	0.000	0.070	0.000	594.00	0.00
0.000099	49.	49.	49.	2	0	0	0.00	600.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2477.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2477.00 EXTENDED 1.73 FEET

DOWNSTREAM OF WALK BRIDGE

2477.00	14.03	605.73	0.00	0.00	605.78	0.05	0.04	0.01	602.10
1231.	109.	881.	240.	330.	438.	585.	74.	28.	601.60
0.48	0.33	2.01	0.41	0.070	0.035	0.070	0.000	591.70	0.00
0.000116	350.	350.	350.	2	0	0	0.00	628.34	700.00

*SECNO 2526.000

3280 CROSS SECTION 2526.00 EXTENDED 0.66 FEET

2526.00	10.56	605.66	0.00	0.00	605.82	0.16	0.01	0.03	603.60
1231.	130.	753.	348.	163.	187.	394.	75.	29.	603.80
0.48	0.80	4.03	0.88	0.070	0.035	0.070	0.000	595.10	33.51
0.001005	49.	49.	49.	2	0	0	0.00	466.49	500.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2528.000

3280 CROSS SECTION 2528.00 EXTENDED 0.78 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.80

2528.00	10.68	605.78	0.00	0.00	605.85	0.07	0.00	0.03	603.60
1231.	193.	532.	505.	183.	178.	426.	75.	29.	603.80
0.48	1.05	2.99	1.19	0.070	0.035	0.070	0.000	595.10	21.83
0.001651	2.	2.	2.	2	0	0	-11.97	478.17	500.00

*SECNO 2532.000

3280 CROSS SECTION 2532.00 EXTENDED 0.79 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.30

2532.00	10.69	605.79	0.00	0.00	605.86	0.07	0.01	0.00	603.60
1231.	194.	531.	506.	134.	178.	427.	75.	29.	603.80
0.48	1.05	2.98	1.18	0.070	0.035	0.070	0.000	595.10	21.42
0.001641	4.	4.	4.	0	0	0	-11.97	478.58	500.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 2534.000
3230 CROSS SECTION 2534.00 EXTENDED 0.74 FEET

2534.00	10.64	605.74	0.00	0.00	605.88	0.14	0.00	0.02	603.60
1231.	137.	734.	361.	176.	189.	415.	75.	29.	603.80
0.48	0.78	3.88	0.87	0.070	0.035	0.070	0.000	595.10	26.08
0.000919	2.	2.	2.	2	0	0	0.00	473.92	500.00

*SECNO 2583.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2583.00 EXTENDED 1.86 FEET

UPSTREAM OF WALK BRIDGE

2583.00	14.16	605.86	0.00	0.00	605.91	0.04	0.01	0.01	602.10
1231.	120.	860.	251.	325.	444.	620.	77.	29.	601.60
0.49	0.32	1.94	0.41	0.070	0.035	0.070	0.000	591.70	0.00
0.000105	49.	49.	49.	2	0	0	0.00	663.66	700.00

*SECNO 2633.000

2633.00	10.33	605.73	0.00	0.00	605.98	0.25	0.01	0.06	603.70
1231.	34.	1070.	126.	54.	250.	152.	78.	30.	602.40
0.49	0.64	4.28	0.83	0.070	0.035	0.070	0.000	595.40	347.76
0.000816	50.	50.	50.	2	0	0	0.00	231.86	579.62

*SECNO 2682.000
3280 CROSS SECTION 2682.00 EXTENDED 0.85 FEET

2682.00	10.25	605.85	0.00	0.00	606.02	0.17	0.03	0.01	605.60
1231.	0.	1195.	36.	3.	360.	122.	78.	30.	605.40
0.50	0.12	3.32	0.29	0.070	0.035	0.070	0.000	595.50	274.88
0.000481	49.	49.	49.	2	0	0	0.00	325.12	600.00

CCHV= 0.300 CEHV= 0.500
*SECNO 2684.000
3280 CROSS SECTION 2684.00 EXTENDED 0.80 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 605.50 MAX ELLC= 602.10

2684.00	10.20	605.80	0.00	0.00	606.07	0.27	0.00	0.05	605.60
1231.	1.	1147.	84.	2.	264.	109.	78.	30.	605.40
0.50	0.28	4.35	0.77	0.070	0.035	0.070	0.000	595.60	280.04
0.003860	2.	2.	2.	2	0	0	-93.90	319.96	600.00

*SECNO 2725.000

3280 CROSS SECTION 2725.00 EXTENDED 0.97 FEET

3370 NORMAL BRIDGE,NRD= 0 MIN ELTRD= 605.40 MAX ELLC= 602.10

2725.00	10.37	605.97	0.00	0.00	606.28	0.31	0.19	0.02	605.60
1231.	4.	1081.	147.	7.	229.	138.	79.	30.	605.40
0.50	0.53	4.72	1.06	0.070	0.035	0.070	0.000	595.60	262.53
0.005721	41.	41.	41.	2	0	0	-152.77	337.47	600.00

CCHV= 0.100 CEHV= 0.300

*SECNO 2727.000

3280 CROSS SECTION 2727.00 EXTENDED 1.16 FEET

2727.00	10.56	606.16	0.00	0.00	606.30	0.14	0.00	0.02	605.60
1231.	3.	1155.	73.	16.	374.	201.	79.	30.	605.40
0.50	0.19	3.09	0.36	0.070	0.035	0.070	0.000	595.60	235.05
0.000396	2.	2.	2.	2	0	0	0.00	364.95	600.00

*SECNO 2826.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2826.00 EXTENDED 0.08 FEET

2826.00	10.78	606.18	0.00	0.00	606.36	0.18	0.05	0.01	603.70
1231.	55.	1004.	172.	95.	285.	232.	80.	31.	602.40
0.51	0.58	3.79	0.74	0.070	0.035	0.070	0.000	595.40	0.00
0.000593	99.	99.	99.	2	0	0	0.00	450.57	655.32

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3551.000									
3280 CROSS SECTION	3551.00 EXTENDED			0.62 FEET					
3551.00	9.82	606.62	0.00	0.00	606.68	0.06	0.31	0.01	604.20
1231.	324.	707.	200.	593.	279.	379.	95.	41.	603.80
0.63	0.55	2.53	0.53	0.070	0.035	0.070	0.000	596.80	0.00
0.000317	725.	725.	725.	2	0	0	0.00	700.00	700.00
*SECNO 3600.000									
3280 CROSS SECTION	3600.00 EXTENDED			0.64 FEET					
3600.00	10.14	606.64	0.00	0.00	606.70	0.05	0.02	0.00	603.60
1231.	389.	597.	245.	575.	230.	463.	97.	42.	603.60
0.64	0.68	2.60	0.53	0.070	0.035	0.070	0.000	596.50	0.00
0.000397	49.	49.	49.	0	0	0	0.00	700.00	700.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3602.000									
3280 CROSS SECTION	3602.00 EXTENDED			0.62 FEET					
3370 NORMAL BRIDGE, NRD= 29 MIN ELTRD= 604.40 MAX ELLC= 605.00									
3602.00	10.12	606.62	0.00	0.00	606.72	0.11	0.00	0.03	603.60
1231.	454.	507.	270.	545.	127.	428.	97.	42.	603.60
0.64	0.83	3.99	0.63	0.070	0.013	0.070	0.000	596.50	0.00
0.000661	2.	2.	2.	2	0	0	-149.51	700.00	700.00
*SECNO 3634.000									
3280 CROSS SECTION	3634.00 EXTENDED			0.63 FEET					
3370 NORMAL BRIDGE, NRD= 29 MIN ELTRD= 604.50 MAX ELLC= 602.50									
3634.00	10.14	606.64	0.00	0.00	606.75	0.10	0.02	0.00	603.60
1231.	455.	503.	273.	550.	127.	435.	98.	42.	603.60
0.64	0.83	3.95	0.63	0.070	0.013	0.070	0.000	596.50	0.00
0.000643	32.	32.	32.	0	0	0	-149.51	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRITS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 3636.000
3280 CROSS SECTION 3636.00 EXTENDED 0.70 FEET

3636.00	10.20	606.70	0.00	0.00	606.75	0.05	0.00	0.01	603.60
1231.	394.	583.	254.	593.	232.	485.	98.	42.	603.60
0.64	0.66	2.52	0.52	0.070	0.035	0.070	0.000	596.50	0.00
0.000369	2.	2.	2.	2	0	0	0.00	700.00	700.00

*SECNO 3685.000
3280 CROSS SECTION 3685.00 EXTENDED 0.72 FEET

3685.00	9.92	606.72	0.00	0.00	606.77	0.05	0.02	0.00	604.20
1231.	337.	685.	209.	634.	283.	406.	99.	43.	603.80
0.65	0.53	2.42	0.51	0.070	0.035	0.070	0.000	596.80	0.00
0.000283	49.	49.	49.	1	0	0	0.00	700.00	700.00

*SECNO 4480.000

4480.00	9.36	606.96	0.00	0.00	607.05	0.09	0.27	0.01	604.10
1231.	117.	792.	322.	194.	273.	413.	119.	53.	603.40
0.76	0.60	2.90	0.78	0.070	0.035	0.070	0.000	597.60	257.97
0.000403	795.	795.	795.	1	0	0	0.00	382.31	640.28

CCHV= 0.300 CEHV= 0.500
*SECNO 4529.000

4529.00	9.31	606.81	0.00	0.00	607.23	0.42	0.02	0.17	605.80
1231.	26.	1161.	44.	80.	216.	142.	120.	53.	605.80
0.76	0.32	5.37	0.31	0.070	0.013	0.070	0.000	597.50	174.51
0.000364	49.	49.	49.	2	0	0	0.00	391.39	565.91

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	85.00	0.00	597.50	597.50

*SECNO 4567.000
6870 D.S. ENERGY OF 607.23 HIGHER THAN COMPUTED ENERGY OF 607.12

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.89	607.23	0.00	927.	305.	85.	110.	603.60	605.40
4567.00	9.31	606.81	0.00	0.00	607.23	0.42	0.00	0.00	605.80
1231.	26.	1161.	44.	80.	216.	142.	120.	54.	605.80
0.76	0.32	5.37	0.31	0.070	0.013	0.070	0.000	597.50	174.49
0.000364	38.	38.	38.	2	0	5	0.00	391.51	566.00

*SECNO 4616.000

3265 DIVIDED FLOW

3280 CROSS SECTION 4616.00 EXTENDED 0.35 FEET

4616.00	9.75	607.35	0.00	0.00	607.37	0.02	0.02	0.12	604.10
1231.	0.	0.	1231.	0.	0.	1040.	121.	54.	657.00
0.77	0.00	0.00	1.18	0.000	0.000	0.070	0.000	597.60	0.00
0.000567	49.	49.	49.	2	0	0	0.00	442.55	656.42

CCHV= 0.100 CEHV= 0.300

*SECNO 5486.000

3280 CROSS SECTION 5486.00 EXTENDED 0.15 FEET

5486.00	9.75	607.85	0.00	0.00	607.96	0.11	0.56	0.03	605.20
1231.	525.	686.	20.	688.	193.	47.	141.	65.	606.70
0.88	0.76	3.56	0.43	0.070	0.035	0.070	0.000	598.10	0.00
0.000734	870.	870.	870.	2	0	0	0.00	605.88	605.88

CCHV= 0.300 CEHV= 0.500

*SECNO 5535.000

3280 CROSS SECTION 5535.00 EXTENDED 1.30 FEET

5535.00	9.80	607.80	0.00	0.00	608.04	0.24	0.02	0.07	606.60
1231.	159.	1065.	6.	437.	250.	44.	142.	65.	607.00
0.88	0.36	4.26	0.15	0.070	0.013	0.070	0.000	598.00	0.00
0.000179	49.	49.	49.	2	0	0	0.00	499.04	499.04

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	84.00	0.00	598.30	598.30

*SECNO 5570.000
6870 D.S. ENERGY OF 608.04 HIGHER THAN COMPUTED ENERGY OF 607.92
3280 CROSS SECTION 5570.00 EXTENDED 1.30 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.00	608.34	0.00	1049.	190.	84.	110.	604.40	606.60

5570.00	9.80	607.80	0.00	0.00	608.04	0.24	0.00	0.00	606.60
1231.	159.	1065.	7.	437.	250.	44.	142.	66.	607.00
0.88	0.36	4.26	0.15	0.070	0.013	0.070	0.000	598.00	0.00
0.000179	35.	35.	35.	2	0	6	0.00	499.22	499.22

CCHV= 0.100 CEHV= 0.300
*SECNO 5619.000
3280 CROSS SECTION 5619.00 EXTENDED 0.28 FEET

5619.00	9.88	607.98	0.00	0.00	608.07	0.09	0.01	0.02	605.20
1231.	556.	650.	25.	755.	196.	58.	143.	66.	606.70
0.89	0.74	3.31	0.44	0.070	0.035	0.070	0.000	598.10	0.00
0.000619	49.	49.	49.	2	0	0	0.00	611.21	611.21

*SECNO 6944.000

6944.00	9.46	608.86	0.00	0.00	609.06	0.21	0.96	0.03	606.30
1231.	193.	934.	104.	224.	225.	139.	168.	80.	606.70
1.00	0.86	4.15	0.75	0.070	0.035	0.070	0.000	599.40	343.92
0.000855	1325.	1325.	1325.	2	0	0	0.00	314.85	658.78

CCHV= 0.300 CEHV= 0.500
*SECNO 6993.000

6993.00	9.13	608.83	0.00	0.00	609.19	0.36	0.05	0.08	609.40
1231.	0.	1231.	0.	0.	254.	0.	168.	81.	609.30
1.00	0.00	4.84	0.00	0.000	0.035	0.000	0.000	599.70	400.81
0.001416	49.	49.	49.	2	0	0	0.00	39.84	440.65

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.09	2.63	0.00	25.00	0.00	128.00	0.00	600.00	600.00

*SECNO 7107.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.83	609.46	0.00	448.	784.	128.	180.	607.20	609.30

7107.00	10.10	609.80	0.00	0.00	610.05	0.25	0.85	0.00	609.40
1231.	4.	1192.	35.	18.	294.	88.	169.	81.	609.30
1.01	0.21	4.06	0.40	0.070	0.035	0.070	0.000	599.70	280.19
0.000858	114.	114.	114.	2	0	5	0.00	344.73	624.92

CCHV= 0.100 CEHV= 0.300

*SECNO 7156.000

7156.00	10.61	610.01	0.00	0.00	610.09	0.08	0.02	0.02	606.30
1231.	295.	738.	198.	431.	263.	322.	170.	82.	606.70
1.02	0.68	2.81	0.62	0.070	0.035	0.070	0.000	599.40	197.90
0.000317	49.	49.	49.	2	0	0	0.00	527.88	725.79

*SECNO 8835.000

8835.00	9.13	610.63	0.00	0.00	610.73	0.10	0.63	0.01	608.20
1231.	162.	757.	313.	267.	243.	388.	207.	100.	607.90
1.23	0.61	3.12	0.81	0.070	0.035	0.070	0.000	601.50	304.25
0.000454	1679.	1679.	1679.	2	0	0	0.00	410.35	714.60

*SECNO 8884.000

8834.00	9.03	610.63	0.00	0.00	610.77	0.14	0.03	0.01	609.50
1231.	278.	748.	205.	296.	198.	228.	208.	100.	609.50
1.23	0.94	3.78	0.90	0.070	0.035	0.070	0.000	601.60	177.92
0.001116	49.	49.	49.	1	0	0	0.00	429.16	607.08

CCHV= 0.300 CEHV= 0.500

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 8886.000									
3370 NORMAL BRIDGE, NRD= 26 MIN ELTRD= 608.70 MAX ELLC= 615.00									
8886.00	9.11	610.71	0.00	0.00	610.79	0.09	0.00	0.02	609.50
1231.	386.	408.	437.	310.	119.	239.	208.	100.	609.50
1.23	1.24	3.43	1.83	0.070	0.035	0.070	0.000	601.60	174.66
0.004355	2.	2.	2.	2	0	0	-80.83	435.68	610.34
*SECNO 8916.000									
3370 NORMAL BRIDGE, NRD= 26 MIN ELTRD= 609.50 MAX ELLC= 608.60									
8916.00	9.24	610.84	0.00	0.00	610.91	0.07	0.12	0.00	609.50
1231.	391.	386.	454.	341.	123.	264.	208.	100.	609.50
1.24	1.15	3.13	1.72	0.070	0.035	0.070	0.000	601.60	167.87
0.003487	30.	30.	30.	2	0	0	-80.83	449.26	617.13
CCHV= 0.100 CEHV= 0.300									
*SECNO 8918.000									
8918.00	9.22	610.82	0.00	0.00	610.93	0.11	0.00	0.01	609.50
1231.	302.	704.	225.	336.	203.	260.	208.	100.	609.50
1.24	0.90	3.46	0.87	0.070	0.035	0.070	0.000	601.60	169.13
0.000906	2.	2.	2.	2	0	0	0.00	446.74	615.87
*SECNO 8967.000									
8967.00	9.38	610.88	0.00	0.00	610.96	0.08	0.03	0.00	608.20
1231.	186.	714.	331.	318.	251.	434.	209.	101.	607.90
1.25	0.59	2.84	0.76	0.070	0.035	0.070	0.000	601.50	292.03
0.000360	49.	49.	49.	2	0	0	0.00	427.17	719.20
*SECNO 9535.000									
9535.00	8.97	611.07	0.00	0.00	611.34	0.27	0.32	0.06	607.80
1231.	178.	1029.	24.	202.	226.	41.	219.	106.	609.40
1.29	0.88	4.55	0.59	0.070	0.035	0.070	0.000	602.10	291.06
0.001038	568.	568.	568.	2	0	0	0.00	314.90	605.96

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 9584.000

9584.00	9.35	611.15	0.00	0.00	611.41	0.26	0.06	0.00	610.00
1231.	97.	1015.	118.	126.	228.	146.	219.	106.	610.00
1.29	0.77	4.46	0.81	0.070	0.035	0.070	0.000	601.80	227.68
0.001556	49.	49.	49.	2	0	0	0.00	389.09	616.77

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	21.00	0.00	84.00	0.00	601.80	601.80

*SECNO 9616.000
6870 D.S. ENERGY OF 611.41 HIGHER THAN COMPUTED ENERGY OF 611.39
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.35	611.41	0.00	961.	264.	84.	155.	609.20	610.00

9616.00	9.35	611.15	0.00	0.00	611.41	0.25	0.00	0.00	610.00
1231.	98.	1014.	119.	127.	228.	147.	220.	106.	610.00
1.29	0.77	4.45	0.81	0.070	0.035	0.070	0.000	601.80	227.02
0.001546	32.	32.	32.	2	0	5	0.00	390.41	617.43

CCHV= 0.100 CEHV= 0.300
*SECNO 9665.000

9665.00	9.13	611.23	0.00	0.00	611.47	0.24	0.06	0.00	607.80
1231.	200.	1000.	31.	236.	232.	53.	220.	107.	609.40
1.30	0.85	4.32	0.58	0.070	0.035	0.070	0.000	602.10	271.46
0.000906	49.	49.	49.	0	0	0	0.00	347.57	619.03

*SECNO 10320.000

10320.00	8.78	611.88	0.00	0.00	612.23	0.35	0.73	0.03	611.60
1231.	1.	1228.	2.	3.	259.	6.	226.	110.	611.40
1.33	0.21	4.75	0.32	0.070	0.035	0.070	0.000	603.10	465.22
0.001405	655.	655.	655.	2	0	0	0.00	116.76	581.98

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 10369.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10369.00 EXTENDED 0.34 FEET

10369.00	7.64	611.84	0.00	0.00	612.33	0.49	0.03	0.07	612.20
1231.	0.	1227.	4.	0.	218.	26.	226.	111.	612.80
1.34	0.00	5.64	0.14	0.000	0.013	0.070	0.000	604.20	400.52
0.000291	49.	49.	49.	2	0	0	0.00	154.39	600.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.63	0.00	20.00	0.00	78.00	0.00	604.20	604.20

*SECNO 10431.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10431.00 EXTENDED 1.25 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
619.34	612.33	0.00	733.	499.	78.	128.	610.60	612.20

10431.00	8.54	612.74	0.00	0.00	613.07	0.33	0.74	0.00	612.20
1231.	2.	1186.	42.	16.	234.	150.	227.	111.	612.80
1.34	0.16	4.67	0.28	0.070	0.013	0.070	0.000	604.20	361.65
0.000172	62.	62.	62.	2	3	6	0.00	235.83	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10480.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 10480.00 EXTENDED 0.92 FEET									
10480.00	9.82	612.92	0.00	0.00	613.10	0.18	0.01	0.01	611.60
1231.	40.	1108.	83.	97.	306.	153.	227.	111.	611.40
1.34	0.41	3.62	0.54	0.070	0.035	0.070	0.000	603.10	283.35
0.000650	49.	49.	49.	2	0	0	0.00	407.53	700.00
*SECNO 11370.000									
11370.00	9.05	613.55	0.00	0.00	613.95	0.41	0.79	0.07	608.80
1231.	56.	1163.	12.	36.	222.	17.	236.	116.	611.90
1.39	1.54	5.24	0.66	0.070	0.035	0.070	0.000	604.50	486.32
0.001267	890.	890.	890.	2	0	0	0.00	77.85	564.17
CCHV= 0.300 CEHV= 0.500									
*SECNO 11419.000									
11419.00	8.69	613.69	0.00	0.00	614.02	0.33	0.05	0.02	614.80
1231.	0.	1231.	0.	0.	266.	0.	236.	116.	614.60
1.40	0.00	4.62	0.00	0.000	0.026	0.000	0.000	605.00	401.88
0.000698	49.	49.	49.	2	0	0	0.00	44.18	446.06

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.91	2.63	0.00	25.00	0.00	130.00	0.00	605.00	605.00

*SECNO 11480.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.35	614.02	0.00	255.	976.	130.	152.	611.10	614.60
11480.00	10.15	615.15	0.00	0.00	615.36	0.21	1.34	0.00	614.80
1231.	1.	1226.	4.	11.	334.	21.	237.	116.	614.60
1.40	0.13	3.68	0.19	0.070	0.026	0.070	0.000	605.00	324.80
0.000357	61.	61.	61.	2	0	4	0.00	205.29	530.08

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

LCHV= 0.100 CEHV= 0.300
*SECNO 11510.000

3265 DIVIDED FLOW

11510.00	10.08	615.28	0.00	0.00	615.38	0.10	0.01	0.01	613.60
1231.	42.	1155.	34.	141.	444.	98.	237.	117.	613.40
1.40	0.30	2.60	0.35	0.070	0.035	0.070	0.000	605.20	285.91
0.000289	30.	30.	30.	2	0	0	0.00	362.07	665.88

*SECNO 11510.000

3265 DIVIDED FLOW

11510.00	10.08	615.28	0.00	0.00	615.38	0.10	0.00	0.00	613.60
1231.	42.	1155.	34.	141.	444.	98.	237.	117.	613.40
1.40	0.30	2.60	0.35	0.070	0.035	0.070	0.000	605.20	285.91
0.000289	0.	0.	0.	0	0	0	0.00	362.06	665.87

CCHV= 0.300 CEHV= 0.500
*SECNO 11559.000

11559.00	9.86	615.26	0.00	0.00	615.43	0.17	0.01	0.03	616.30
1231.	0.	1230.	1.	0.	376.	6.	238.	117.	614.90
1.41	0.00	3.27	0.11	0.000	0.026	0.070	0.000	605.40	501.92
0.000272	49.	49.	49.	2	0	0	0.00	87.29	589.21

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	26.00	0.00	205.00	0.00	605.40	605.40

*SECNO 11622.000
ERROR ELTRD.LT.MIN ROAD ELEV, ELTRD SET EQUAL TO MIN ROAD ELEV
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.25	615.43	0.00	0.	1231.	205.	218.	613.80	616.30

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
11622.00	10.73	616.13	0.00	0.00	616.25	0.13	0.83	0.00	616.30
1231.	0.	1216.	15.	0.	422.	73.	238.	117.	614.90
1.41	0.00	2.88	0.21	0.000	0.026	0.070	0.000	605.40	500.32
0.000189	63.	63.	63.	2	0	0	0.00	172.96	673.28

CCHV= 0.100 CEHV= 0.300
*SECNO 11671.000
3280 CROSS SECTION 11671.00 EXTENDED 0.26 FEET

11671.00	11.06	616.26	0.00	0.00	616.28	0.02	0.01	0.01	613.60
1231.	0.	0.	1231.	0.	0.	1206.	239.	117.	668.00
1.43	0.00	0.00	1.02	0.000	0.000	0.070	0.000	605.20	236.96
0.000389	49.	49.	49.	2	0	0	0.00	663.04	900.00

*SECNO 12346.000
3280 CROSS SECTION 12346.00 EXTENDED 1.91 FEET

12346.00	9.71	616.41	0.00	0.00	616.42	0.02	0.15	0.00	612.80
1231.	810.	357.	64.	1504.	218.	256.	264.	129.	614.90
1.65	0.54	1.64	0.25	0.070	0.035	0.070	0.000	606.70	0.00
0.000136	575.	675.	675.	2	0	0	0.00	800.00	800.00

*SECNO 12395.000
3280 CROSS SECTION 12395.00 EXTENDED 2.22 FEET

12395.00	10.81	616.41	0.00	0.00	616.43	0.02	0.01	0.00	614.20
1231.	734.	440.	56.	1285.	248.	220.	266.	130.	614.00
1.66	0.57	1.78	0.25	0.070	0.035	0.070	0.000	605.60	0.00
0.000144	49.	49.	49.	0	0	0	0.00	760.00	760.00

CCHV= 0.300 CEHV= 0.500
*SECNO 12397.000
3280 CROSS SECTION 12397.00 EXTENDED 2.22 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 614.20

12397.00	10.83	616.43	0.00	0.00	616.43	0.01	0.00	0.00	614.20
1231.	938.	222.	71.	1285.	212.	219.	266.	130.	614.00
1.66	0.73	1.05	0.33	0.070	0.035	0.070	0.000	605.60	0.00
0.000235	2.	2.	2.	1	0	0	-35.30	760.00	760.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 12403.000									
3280 CROSS SECTION 12403.00 EXTENDED 2.23 FEET									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 612.80									
12403.00	10.83	616.43	0.00	0.00	616.44	0.01	0.00	0.00	614.20
1231.	937.	221.	72.	1288.	213.	222.	266.	130.	614.00
1.67	0.73	1.04	0.33	0.070	0.035	0.070	0.000	605.60	0.00
0.000233	6.	6.	6.	0	0	0	-35.30	760.00	760.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 12405.000									
3280 CROSS SECTION 12405.00 EXTENDED 2.23 FEET									
12405.00	10.82	616.42	0.00	0.00	616.44	0.02	0.00	0.00	614.20
1231.	735.	440.	57.	1288.	248.	222.	266.	130.	614.00
1.67	0.57	1.77	0.25	0.070	0.035	0.070	0.000	605.60	0.00
0.000143	2.	2.	2.	0	0	0	0.00	760.00	760.00
*SECNO 12454.000									
3280 CROSS SECTION 12454.00 EXTENDED 1.93 FEET									
12454.00	9.73	616.43	0.00	0.00	616.45	0.01	0.01	0.00	612.80
1231.	810.	355.	66.	1514.	218.	262.	269.	131.	614.90
1.68	0.54	1.63	0.25	0.070	0.035	0.070	0.000	606.70	0.00
0.000134	49.	49.	49.	0	0	0	0.00	800.00	800.00
*SECNO 14585.000									
14585.00	9.94	616.84	0.00	0.00	617.33	0.49	0.74	0.14	615.80
1231.	14.	1213.	4.	22.	214.	7.	323.	153.	616.20
1.79	0.65	5.66	0.47	0.070	0.035	0.070	0.000	606.90	456.87
0.002243	2131.	2131.	2131.	2	0	0	0.00	104.73	561.59
CCHV= 0.300 CEHV= 0.500									
*SECNO 14634.000									
14634.00	11.25	617.15	0.00	0.00	617.41	0.26	0.02	0.07	616.00
1231.	31.	1134.	66.	150.	266.	268.	324.	153.	616.00
1.79	0.21	4.25	0.25	0.070	0.013	0.070	0.000	605.90	122.35
0.000143	49.	49.	49.	2	0	0	0.00	634.56	756.91

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	76.00	0.00	605.90	605.90

*SECNO 14672.000
6870 D.S. ENERGY OF 617.41 HIGHER THAN COMPUTED ENERGY OF 617.29
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.51	617.41	0.00	1052.	182.	76.	94.	613.70	616.00

14672.00	11.25	617.15	0.00	0.00	617.41	0.26	0.00	0.00	616.00
1231.	31.	1134.	66.	149.	266.	268.	324.	154.	616.00
1.80	0.21	4.26	0.25	0.070	0.013	0.070	0.000	605.90	123.04
0.000143	38.	38.	38.	2	0	6	0.00	633.69	756.74

CCHV= 0.100 CEHV= 0.300
*SECNO 14721.000

14721.00	10.25	617.15	0.00	0.00	617.44	0.30	0.02	0.01	615.80
1231.	0.	0.	1231.	0.	0.	282.	325.	154.	670.20
1.80	0.00	0.00	4.37	0.000	0.000	0.070	0.000	606.90	442.26
0.004904	49.	49.	49.	1	0	0	0.00	131.20	573.46

*SECNO 17010.000

3265 DIVIDED FLOW

17010.00	11.14	620.44	0.00	0.00	620.64	0.19	3.18	0.01	617.90
1231.	56.	1042.	134.	124.	273.	162.	347.	168.	617.10
1.99	0.45	3.82	0.83	0.070	0.035	0.070	0.000	609.30	55.57
0.000646	2289.	2289.	2289.	3	0	0	0.00	372.09	636.11

CCHV= 0.300 CEHV= 0.500
*SECNO 17059.000
3280 CROSS SECTION 17059.00 EXTENDED 0.06 FEET

17059.00	10.86	620.46	0.00	0.00	620.68	0.22	0.03	0.02	610.80
1231.	312.	765.	154.	349.	161.	119.	348.	168.	610.80
1.99	0.90	4.75	1.30	0.060	0.035	0.070	0.000	609.60	0.00
0.000597	49.	49.	49.	2	0	0	0.00	466.30	466.30

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.20	2.63	0.00	15.00	0.00	80.00	0.00	609.60	609.60

*SECNO 17239.000
3280 CROSS SECTION 17239.00 EXTENDED 0.21 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
632.22	620.68	0.00	1022.	210.	80.	107.	616.70	619.90

17239.00	11.01	620.61	0.00	0.00	620.80	0.19	0.12	0.00	610.80
1231.	343.	735.	153.	411.	163.	123.	350.	170.	610.80
2.01	0.83	4.50	1.24	0.060	0.035	0.070	0.000	609.60	0.00
0.000526	180.	180.	180.	2	0	6	0.00	469.55	469.55

CCHV= 0.100 CEHV= 0.300
*SECNO 17288.000

3265 DIVIDED FLOW

17288.00	11.37	620.67	0.00	0.00	620.83	0.16	0.03	0.00	617.90
1231.	80.	1003.	147.	186.	281.	185.	351.	170.	617.10
2.01	0.43	3.58	0.80	0.070	0.035	0.070	0.000	609.30	33.39
0.000544	49.	49.	49.	2	0	0	0.00	491.41	641.65

*SECNO 18250.000

18250.00	9.14	621.14	0.00	0.00	621.18	0.04	0.34	0.01	617.60
1231.	506.	553.	172.	888.	234.	269.	374.	183.	617.80
2.21	0.57	2.37	0.64	0.070	0.035	0.070	0.000	612.00	23.83
0.000252	962.	962.	962.	2	0	0	0.00	646.28	670.11

*SECNO 18299.000
3280 CROSS SECTION 18299.00 EXTENDED 1.36 FEET

18299.00	10.56	621.16	0.00	0.00	621.20	0.03	0.01	0.00	619.20
1231.	402.	764.	64.	852.	431.	213.	375.	184.	618.40
2.22	0.47	1.77	0.30	0.070	0.035	0.070	0.000	610.60	0.00
0.000156	49.	49.	49.	0	0	0	0.00	716.20	716.20

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 18301.000
3280 CROSS SECTION 18301.00 EXTENDED 1.39 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 619.20

18301.00	10.59	621.19	0.00	0.00	621.20	0.01	0.00	0.01	619.20
1231.	636.	491.	104.	862.	390.	219.	375.	184.	618.40
2.22	0.74	1.26	0.47	0.070	0.035	0.070	0.000	610.60	0.00
0.000377	2.	2.	2.	2	0	0	-42.75	718.63	718.63

*SECNO 18307.000
3280 CROSS SECTION 18307.00 EXTENDED 1.39 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 616.60

18307.00	10.59	621.19	0.00	0.00	621.20	0.01	0.00	0.00	619.20
1231.	636.	491.	104.	863.	390.	219.	376.	184.	618.40
2.22	0.74	1.26	0.47	0.070	0.035	0.070	0.000	610.60	0.00
0.000377	6.	6.	6.	0	0	0	-42.75	718.79	718.79

CCHV= 0.100 CEHV= 0.300
*SECNO 18309.000
3280 CROSS SECTION 18309.00 EXTENDED 1.38 FEET

18309.00	10.58	621.18	0.00	0.00	621.21	0.03	0.00	0.00	619.20
1231.	405.	761.	66.	861.	433.	218.	376.	184.	618.40
2.22	0.47	1.76	0.30	0.070	0.035	0.070	0.000	610.60	0.00
0.000153	2.	2.	2.	1	0	0	0.00	718.35	718.35

*SECNO 18358.000

18358.00	9.18	621.18	0.00	0.00	621.22	0.04	0.01	0.00	617.60
1231.	511.	547.	173.	909.	235.	275.	377.	185.	617.80
2.23	0.56	2.33	0.63	0.070	0.035	0.070	0.000	612.00	20.97
0.000241	49.	49.	49.	1	0	0	0.00	651.10	672.07

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18630.000

3265 DIVIDED FLOW

18630.00	10.61	621.21	0.00	0.00	621.34	0.13	0.09	0.03	621.10
1231.	4.	1225.	2.	24.	420.	6.	383.	187.	620.00
2.26	0.17	2.92	0.35	0.070	0.035	0.070	0.000	610.60	187.65
0.000531	272.	272.	272.	2	0	0	0.00	215.69	588.37

*SECNO 18679.000

3265 DIVIDED FLOW

18679.00	10.40	621.20	0.00	0.00	621.39	0.19	0.03	0.02	621.30
1231.	94.	1126.	11.	197.	307.	44.	384.	188.	621.10
2.26	0.48	3.67	0.24	0.070	0.035	0.070	0.000	610.80	60.07
0.000813	49.	49.	49.	2	0	0	0.00	573.95	639.93

CCHV= 0.300 CEHV= 0.500
*SECNO 18681.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 621.30

18681.00	10.36	621.16	0.00	0.00	621.43	0.27	0.00	0.04	621.30
1231.	141.	1076.	14.	185.	242.	37.	384.	188.	621.10
2.26	0.77	4.45	0.37	0.070	0.026	0.070	0.000	610.80	67.36
0.002205	2.	2.	2.	2	0	0	-62.99	557.24	632.64

*SECNO 18717.000

3320 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 619.60

18717.00	10.57	621.37	0.00	0.00	621.55	0.18	0.09	0.03	621.30
1231.	240.	948.	44.	253.	247.	76.	384.	188.	621.10
2.26	0.95	3.83	0.58	0.070	0.026	0.070	0.000	610.80	28.21
0.002617	36.	36.	36.	3	0	0	-68.00	643.58	671.79

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 18719.000									
18719.00	10.59	621.39	0.00	0.00	621.55	0.16	0.00	0.00	621.30
1231.	130.	1075.	26.	266.	317.	84.	384.	188.	621.10
2.26	0.49	3.39	0.30	0.070	0.035	0.070	0.000	610.80	21.07
0.000668	2.	2.	2.	2	0	0	0.00	657.87	678.93
*SECNO 18768.000									
3265 DIVIDED FLOW									
18768.00	10.92	621.52	0.00	0.00	621.60	0.09	0.05	0.01	621.10
1231.	0.	0.	1231.	0.	0.	524.	385.	189.	673.00
2.27	0.00	0.00	2.35	0.000	0.000	0.070	0.000	610.60	169.49
0.001450	49.	49.	49.	2	0	0	0.00	271.44	702.34
*SECNO 19845.000									
19845.00	10.04	622.54	0.00	0.00	622.65	0.10	1.04	0.01	621.50
1231.	314.	731.	186.	373.	221.	280.	402.	199.	619.80
2.40	0.84	3.31	0.66	0.070	0.035	0.070	0.000	612.50	272.89
0.000686	1077.	1077.	1077.	2	0	0	0.00	569.90	842.79
CCHV= 0.300 CEHV= 0.500									
*SECNO 19594.000									
3265 DIVIDED FLOW									
19894.00	9.49	622.49	0.00	0.00	622.80	0.31	0.05	0.10	623.50
1231.	255.	976.	0.	242.	197.	0.	403.	200.	623.60
2.40	1.05	4.95	0.00	0.070	0.035	0.000	0.000	613.00	201.07
0.001717	49.	49.	49.	2	0	0	0.00	272.57	535.87

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.58	2.63	0.00	14.00	0.00	99.00	0.00	613.00	613.00

*SECNO 20007.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
628.69	622.80	0.00	822.	413.	99.	126.	622.00	623.50

20007.00	10.01	623.01	0.00	0.00	623.19	0.18	0.39	0.00	623.50
1231.	364.	867.	0.	386.	215.	0.	404.	201.	623.60
2.41	0.94	4.03	0.00	0.070	0.035	0.000	0.000	613.00	127.11
0.001068	113.	113.	113.	2	0	6	0.00	356.21	536.87

CCHV= 0.100 CEHV= 0.300

*SECNO 20056.000

20056.00	10.68	623.18	0.00	0.00	623.23	0.05	0.03	0.01	621.50
1231.	361.	598.	272.	529.	245.	500.	405.	201.	619.80
2.42	0.68	2.45	0.54	0.070	0.035	0.070	0.000	612.50	240.89
0.000327	49.	49.	49.	2	0	0	0.00	667.39	908.28

*SECNO 21606.000

3280 CROSS SECTION 21606.00 EXTENDED 0.72 FEET

21606.00	8.93	623.73	0.00	0.00	623.79	0.06	0.55	0.00	621.80
998.	421.	560.	17.	732.	216.	40.	446.	223.	621.80
2.68	0.58	2.59	0.41	0.070	0.035	0.070	0.000	614.80	0.00
0.000399	1550.	1550.	1550.	2	0	0	0.00	578.73	578.73

*SECNO 21655.000

3280 CROSS SECTION 21655.00 EXTENDED 0.29 FEET

21655.00	7.99	623.79	0.00	0.00	623.80	0.01	0.01	0.00	622.60
580.	332.	236.	6.	797.	181.	34.	447.	224.	622.50
2.69	0.42	1.30	0.19	0.070	0.035	0.070	0.000	615.80	0.00
0.000140	49.	49.	49.	2	0	0	0.00	491.40	491.40

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 21657.000
3280 CROSS SECTION 21657.00 EXTENDED 0.29 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 621.10 MAX ELLC= 621.80

21657.00	7.99	623.79	0.00	0.00	623.81	0.02	0.00	0.00	622.60
580.	426.	146.	8.	797.	72.	35.	447.	224.	622.50
2.69	0.53	2.01	0.24	0.070	0.013	0.070	0.000	615.80	0.00
0.000223	2.	2.	2.	0	0	0	-109.00	491.42	491.42

*SECNO 21680.000
3280 CROSS SECTION 21680.00 EXTENDED 0.29 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 622.60 MAX ELLC= 621.80

21680.00	7.99	623.79	0.00	0.00	623.81	0.02	0.01	0.00	622.60
580.	426.	146.	8.	797.	72.	35.	447.	224.	622.50
2.70	0.53	2.01	0.24	0.070	0.013	0.070	0.000	615.80	0.00
0.000223	23.	23.	23.	0	0	0	-109.00	491.45	491.45

CCHV= 0.100 CEHV= 0.300
*SECNO 21682.000
3280 CROSS SECTION 21682.00 EXTENDED 0.29 FEET

21682.00	8.00	623.80	0.00	0.00	623.81	0.01	0.00	0.00	622.60
580.	338.	236.	6.	798.	181.	35.	447.	224.	622.50
2.70	0.42	1.30	0.19	0.070	0.035	0.070	0.000	615.80	0.00
0.000139	2.	2.	2.	0	0	0	0.00	491.50	491.50

*SECNO 21731.000
3280 CROSS SECTION 21731.00 EXTENDED 0.81 FEET

21731.00	9.00	623.80	0.00	0.00	623.82	0.02	0.01	0.00	621.80
580.	254.	316.	10.	778.	220.	44.	448.	225.	621.80
2.72	0.33	1.44	0.23	0.070	0.035	0.070	0.000	614.80	0.00
0.000120	49.	49.	49.	0	0	0	0.00	580.71	580.71

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 23500.000									
23500.00	6.94	624.14	0.00	0.00	624.22	0.08	0.38	0.02	622.50
580.	39.	456.	85.	90.	176.	189.	479.	245.	622.50
2.95	0.43	2.59	0.45	0.070	0.035	0.070	0.000	617.20	392.95
0.000493	1769.	1769.	1769.	2	0	0	0.00	395.23	788.18

PRINTED IN U.S.A.

THIS RUN EXECUTED 21 AUG 84 9:01:00

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
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C

T1 CITY OF TAYLOR FLOOD INSURANCE STUDY
T2 SEXTON-KILFOIL DRAIN
T3 10-YEAR FREQUENCY FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	600.500	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

110.000	150.000	201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	4.000	831.000	1129.000	1312.000	1872.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF ALLEN RD.									
X1	200.000	15.000	600.000	636.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	602.900	0.000	602.800	100.000	602.800	200.000	602.600	300.000	602.500	400.000
GR	602.000	500.000	601.200	550.000	599.000	600.000	591.900	615.000	591.400	619.000
GR	592.000	623.000	599.900	636.000	600.900	690.000	603.500	800.000	604.000	900.000
	DOWNSTREAM OF PRIVATE BRIDGE									
X1	650.000	15.000	500.000	544.000	450.000	450.000	450.000	0.000	0.000	0.000
GR	602.800	0.000	602.700	100.000	602.500	200.000	602.200	300.000	601.000	400.000
GR	600.300	450.000	599.700	500.000	597.300	511.000	593.000	517.000	592.000	524.000
GR	593.300	531.000	596.400	534.000	601.600	544.000	603.200	594.000	607.800	1000.000
NC	0.060	0.060	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	699.000	17.000	490.000	534.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	603.100	0.000	603.000	100.000	602.800	200.000	602.600	300.000	602.100	400.000
GR	601.400	490.000	598.500	496.000	594.000	500.000	593.600	501.000	592.800	503.000
GR	592.200	507.000	592.600	511.000	594.000	513.000	601.600	534.000	603.200	600.000
GR	605.500	800.000	607.800	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	12.000	0.000	84.000	0.000	592.200	592.200
X1	714.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.000	601.100	0.000	1.000	0.000	0.000	0.000
BT	10.000	0.000	603.100	0.000	100.000	603.000	0.000	200.000	602.800	0.000
BT	300.000	602.600	0.000	400.000	602.100	0.000	501.000	601.300	600.000	507.000
BT	601.100	600.000	513.000	601.200	600.000	534.000	601.600	0.000	1000.000	607.800
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.060	0.060	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PRIVATE BRIDGE									
X1	763.000	15.000	500.000	544.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	602.800	0.000	602.700	100.000	602.500	200.000	602.200	300.000	601.000	400.000
GR	600.300	450.000	599.700	500.000	597.300	511.000	593.000	517.000	592.000	524.000
GR	593.300	531.000	596.400	534.000	601.600	544.000	603.200	594.000	607.800	1000.000
	DOWNSTREAM OF D.T.I.RR.									
X1	1313.000	15.000	500.000	532.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	603.000	0.000	603.000	100.000	602.400	200.000	601.500	300.000	601.000	400.000
GR	601.800	450.000	600.100	500.000	593.900	509.000	593.500	514.000	593.400	519.000
GR	593.600	521.000	596.900	524.000	601.200	532.000	601.200	582.000	603.000	700.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1362.000	15.000	200.000	230.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	605.700	0.000	605.700	100.000	606.800	150.000	606.200	200.000	596.400	207.000
GR	594.700	208.000	594.600	213.000	594.400	217.000	594.000	218.500	594.800	228.000
GR	596.600	228.500	602.500	230.000	606.800	280.000	607.000	300.000	607.300	500.000
SB	0.950	1.560	2.630	0.000	21.000	1.500	127.000	0.000	594.400	594.400
X1	1399.000	0.000	0.000	0.000	37.000	37.000	37.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	600.700	606.800	0.000	0.000	0.000	0.000	0.000
BT	13.000	0.000	605.700	0.000	100.000	605.700	0.000	150.000	606.800	0.000
BT	200.000	606.200	0.000	207.000	606.300	600.700	217.000	606.500	600.700	217.000
BT	606.500	594.400	218.500	606.500	594.400	218.500	606.500	600.700	228.000	606.800
BT	600.700	230.000	606.300	0.000	300.000	607.000	0.000	500.000	607.300	0.000
	UPSTREAM OF D.T.I.RR.									
X1	1448.000	15.000	500.000	532.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	603.000	0.000	603.000	100.000	602.400	200.000	601.500	300.000	601.000	400.000
GR	601.800	450.000	600.100	500.000	593.900	509.000	593.500	514.000	593.400	519.000
GR	593.600	521.000	596.900	524.000	601.200	532.000	601.200	582.000	603.000	700.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF RET. POND SERVICE RD.									
X1	1998.000	15.000	300.000	335.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	604.200	0.000	601.800	100.000	600.200	200.000	600.900	250.000	600.200	300.000
GR	598.400	306.000	594.400	312.000	594.000	317.000	594.300	322.000	597.400	325.000
GR	601.400	335.000	602.700	385.000	602.700	400.000	603.000	500.000	603.500	600.000
X1	2047.000	19.000	300.000	333.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.700	0.000	604.200	100.000	604.000	200.000	603.800	250.000	603.600	300.000
GR	600.100	300.000	598.000	304.000	594.300	308.000	594.000	313.000	593.800	315.000
GR	593.900	320.000	594.400	324.000	595.500	325.000	598.400	332.000	602.500	333.000
GR	603.500	333.000	602.900	382.000	601.800	482.000	602.500	600.000	0.000	0.000
NC	0.070	0.070	0.045	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	2049.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	6.000	250.000	603.800	0.000	300.000	603.600	600.100	304.000	603.600	600.600
BT	332.000	603.500	600.400	333.000	603.500	602.500	382.000	602.900	0.000	0.000

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X1	2076.000	0.000	0.000	0.000	27.000	27.000	27.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	600.600	603.500	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	2078.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF RET. POND SERVICE RD.									
X1	2127.000	15.000	300.000	338.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	604.200	0.000	601.800	100.000	600.200	200.000	600.900	250.000	600.200	300.000
GR	598.400	306.000	594.400	312.000	594.000	317.000	594.300	322.000	597.400	325.000
GR	601.400	335.000	602.700	385.000	602.700	400.000	603.000	500.000	603.500	600.000
QT	4.000	792.000	1080.000	1231.000	1657.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF WALK BRIDGE									
X1	2477.000	13.000	400.000	441.000	350.000	350.000	350.000	0.000	0.000	0.000
GR	605.000	0.000	605.000	100.000	606.000	200.000	605.400	300.000	603.300	350.000
GR	602.100	400.000	592.600	412.000	591.700	420.000	591.800	428.000	601.600	441.000
GR	602.900	491.000	604.100	600.000	604.000	700.000	0.000	0.000	0.000	0.000
X1	2526.000	13.000	200.000	228.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.000	0.000	605.000	100.000	604.000	165.000	603.600	200.000	603.000	207.000
GR	596.100	212.000	595.200	215.000	595.100	218.000	595.400	222.000	603.800	228.000
GR	603.800	236.000	604.200	400.000	605.000	500.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	2528.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	200.000	603.600	603.600	207.000	603.600	603.000	224.000	603.800	603.300
BT	228.000	603.800	603.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2532.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	603.300	603.500	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	2534.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF WALK BRIDGE									
X1	2583.000	13.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	605.000	0.000	605.000	100.000	606.000	200.000	605.400	300.000	603.300	350.000
GR	602.100	400.000	592.600	412.000	591.700	420.000	591.800	428.000	601.600	441.000
GR	602.900	491.000	604.100	600.000	604.000	700.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF MORTONVIEW DR.									
X1	2633.000	15.000	400.000	433.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	606.100	0.000	606.000	100.000	606.500	200.000	608.500	300.000	605.600	350.000
GR	603.700	400.000	596.900	412.000	595.500	414.000	595.400	419.000	595.600	424.000
GR	595.800	425.000	602.400	433.000	605.000	492.000	605.900	600.000	606.400	700.000
X1	2682.000	17.000	300.000	345.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.500	0.000	606.500	100.000	606.300	200.000	606.100	250.000	605.600	300.000
GR	596.800	305.000	595.900	308.000	595.600	313.000	595.600	317.000	595.600	318.000
GR	595.800	328.000	596.800	330.000	599.500	339.000	603.700	342.000	605.400	345.000
GR	605.500	500.000	605.000	600.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	2684.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	8.000	305.000	605.600	596.800	305.000	605.600	602.000	317.000	605.500	602.000
BT	317.000	605.500	595.600	318.000	605.500	595.600	318.000	605.500	602.000	330.000
BT	605.500	602.100	330.000	605.500	596.800	0.000	0.000	0.000	0.000	0.000
X1	2725.000	0.000	0.000	0.000	41.000	41.000	41.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	602.100	605.400	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	2727.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF MORTONVIEW DR.									
X1	2826.000	15.000	400.000	433.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	606.100	0.000	606.000	100.000	606.500	200.000	608.500	300.000	605.600	350.000
GR	603.700	400.000	596.900	412.000	595.500	414.000	595.400	419.000	595.600	424.000
GR	595.800	425.000	602.400	433.000	605.000	492.000	605.900	600.000	606.400	700.000
	DOWNSTREAM OF BARAGA RD.									
X1	3551.000	14.000	400.000	441.000	725.000	725.000	725.000	0.000	0.000	0.000
GR	606.500	0.000	605.800	100.000	604.700	200.000	604.600	300.000	604.600	350.000
GR	604.200	400.000	596.800	410.000	596.900	417.000	597.000	424.000	602.200	430.000
GR	603.800	441.000	604.600	491.000	605.500	600.000	606.000	700.000	0.000	0.000
X1	3600.000	34.000	300.000	330.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.000	0.000	604.700	100.000	604.500	200.000	604.400	250.000	603.600	300.000
GR	599.800	308.200	598.600	306.500	597.900	309.000	597.300	310.000	597.000	311.000
GR	597.500	312.500	598.800	313.500	599.800	313.700	598.700	315.300	597.000	316.000
GR	596.600	316.500	596.600	317.000	596.600	318.000	596.500	319.000	597.000	320.000
GR	597.800	320.500	598.700	320.800	599.300	322.200	598.300	322.500	597.100	323.500
GR	596.600	325.000	596.800	326.000	597.500	327.000	599.300	327.700	599.300	328.300
GR	603.600	330.000	605.000	380.000	605.500	500.000	606.000	700.000	0.000	0.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	3602.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	29.000	250.000	604.400	604.400	300.000	604.500	603.600	308.200	604.500	599.800
BT	308.500	604.500	601.000	309.000	604.500	601.700	310.000	604.500	602.400	311.000
BT	604.500	602.500	312.500	604.500	602.100	313.500	604.600	600.800	313.700	604.600
BT	599.800	315.300	604.600	598.700	316.000	604.600	600.500	316.500	604.600	601.000
BT	317.000	604.600	601.200	318.000	604.600	601.400	319.000	604.600	601.200	320.000
BT	604.600	600.500	320.500	604.600	599.700	320.800	604.600	598.700	322.200	604.600
BT	599.300	322.500	604.600	600.400	323.500	604.600	601.600	325.000	604.600	602.000
BT	326.000	604.600	601.800	327.000	604.600	601.100	327.700	604.600	599.300	328.300
BT	604.600	599.300	330.000	604.600	603.600	380.000	605.000	605.000	0.000	0.000
X1	3634.000	0.000	0.000	0.000	32.000	32.000	32.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	602.500	604.500	0.000	1.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	3636.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF BARAGA RD.									
X1	3685.000	14.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.500	0.000	605.800	100.000	604.700	200.000	604.600	300.000	604.600	350.000
GR	604.200	400.000	596.800	410.000	596.900	417.000	597.000	424.000	602.200	430.000
GR	603.800	441.000	604.600	491.000	605.500	600.000	606.000	700.000	0.000	0.000
	DOWNSTREAM OF WILLIAMS RD.									
X1	4480.000	15.000	400.000	441.000	795.000	795.000	795.000	0.000	0.000	0.000
GR	607.000	0.000	608.300	100.000	608.300	200.000	606.000	300.000	605.400	350.000
GR	604.100	400.000	601.600	411.000	598.200	415.000	597.600	420.000	597.700	425.000
GR	598.100	428.000	603.400	441.000	603.800	491.000	606.000	600.000	608.400	700.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	4529.000	32.000	300.000	335.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	608.300	0.000	608.300	100.000	606.300	200.000	606.100	250.000	605.800	300.000
GR	600.500	306.000	599.000	306.500	598.100	307.500	597.700	308.500	597.500	309.000
GR	597.800	310.000	598.400	311.000	598.800	311.500	600.500	312.000	605.000	313.000
GR	599.100	313.500	598.100	314.500	597.700	316.000	597.800	317.000	598.600	318.000
GR	599.000	318.500	600.600	319.000	600.500	320.000	598.800	320.500	597.900	321.500
GR	597.500	323.000	597.700	324.000	598.400	325.000	600.500	326.000	605.800	335.000
GR	605.800	385.000	607.000	600.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	18.000	0.000	85.000	0.000	597.500	597.500
X1	4567.000	0.000	0.000	0.000	38.000	38.000	38.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	603.600	605.400	0.000	0.000	0.000	0.000	0.000
BT	32.000	0.000	608.300	0.000	100.000	608.300	0.000	200.000	606.300	0.000
BT	250.000	606.100	0.000	300.000	605.800	0.000	306.000	605.800	600.500	306.500
BT	605.800	602.100	307.500	605.800	603.100	308.500	605.800	603.400	309.000	605.800
BT	603.500	310.000	605.800	603.300	311.000	605.800	602.700	311.500	605.800	602.200
BT	312.000	605.800	600.500	313.000	605.800	600.600	313.500	605.800	602.200	314.500
BT	605.800	603.200	316.000	605.800	603.600	317.000	605.800	603.400	318.000	605.800
BT	602.800	318.500	605.800	602.100	319.000	605.800	600.600	320.000	605.800	600.500
BT	320.500	605.800	602.100	321.500	605.800	603.100	323.000	605.800	603.500	324.000
BT	605.800	603.300	325.000	605.800	602.700	326.000	605.800	600.500	335.000	605.800
BT	0.000	385.000	605.800	0.000	600.000	607.000	0.000	0.000	0.000	0.000
	UPSTREAM OF WILLIAMS RD.									
X1	4616.000	15.000	400.000	437.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	607.000	0.000	608.300	100.000	608.300	200.000	606.000	300.000	605.400	350.000
GR	604.100	400.000	601.600	411.000	598.200	415.000	597.600	420.000	597.700	425.000
GR	598.100	428.000	603.400	441.000	603.800	491.000	606.000	600.000	608.400	700.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF KATHERINE RD.									
X1	5486.000	16.000	500.000	528.000	870.000	870.000	870.000	0.000	0.000	0.000
GR	607.700	0.000	606.800	100.000	606.500	200.000	606.300	300.000	606.300	400.000
GR	605.200	500.000	601.700	507.000	598.400	507.000	598.100	512.000	598.100	517.000
GR	598.500	519.000	600.600	521.000	606.700	528.000	607.700	600.000	608.200	620.000
GR	612.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	5535.000	32.000	300.000	340.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	606.500	0.000	604.300	100.000	606.300	200.000	606.200	250.000	606.600	300.000
GR	601.400	305.000	599.500	305.500	599.100	306.500	598.800	308.000	598.600	309.500
GR	599.500	310.500	601.400	311.000	600.900	312.000	598.600	312.500	598.400	313.500
GR	598.300	315.000	598.200	316.500	598.700	317.500	600.900	318.000	601.000	319.000
GR	599.400	319.500	598.400	320.500	598.000	322.000	598.500	323.500	599.600	324.500
GR	601.000	325.000	607.000	340.000	607.500	390.000	607.800	500.000	609.400	600.000
GR	610.500	700.000	611.200	800.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	18.000	0.000	84.000	0.000	598.300	598.300
X1	5570.000	0.000	0.000	0.000	35.000	35.000	35.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	604.400	606.500	0.000	0.000	0.000	0.000	0.000
BT	32.000	0.000	606.500	0.000	100.000	606.300	0.000	200.000	606.300	0.000
BT	250.000	606.200	0.000	300.000	606.600	0.000	305.000	606.600	601.400	305.500
BT	606.600	603.100	306.500	606.600	604.000	308.000	606.700	604.400	309.500	606.700
BT	604.000	310.500	606.700	603.100	311.000	606.700	601.400	312.000	606.700	600.900
BT	312.500	606.700	602.700	313.500	606.800	603.500	315.000	606.800	603.900	316.500
BT	606.800	603.500	317.500	606.800	602.700	318.000	606.800	600.900	319.000	606.800
BT	601.000	319.500	606.800	602.800	320.500	606.800	603.700	322.000	606.800	604.000
BT	323.500	606.800	603.600	324.500	606.800	602.500	325.000	606.800	601.000	340.000
BT	607.000	0.000	390.000	607.500	0.000	500.000	607.800	0.000	600.000	609.400
BT	0.000	700.000	610.500	0.000	800.000	611.200	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
		UPSTREAM OF KATHERINE RD.								
X1	5619.000	16.000	500.000	547.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	607.700	0.000	606.800	100.000	606.500	200.000	606.300	300.000	606.300	400.000
GR	605.200	500.000	601.700	507.000	598.400	507.000	598.100	512.000	598.100	517.000
GR	598.500	519.000	600.600	521.000	606.700	528.000	607.700	600.000	608.200	620.000
GR	612.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
		DOWNSTREAM OF PARDEE RD.								
X1	6944.000	18.000	500.000	533.000	1325.000	1325.000	1325.000	0.000	0.000	0.000
GR	610.800	0.000	610.600	100.000	610.000	200.000	610.000	300.000	607.400	400.000
GR	607.200	450.000	606.300	500.000	600.100	509.000	599.400	514.000	599.700	519.000
GR	600.400	522.000	603.800	527.000	606.700	533.000	607.800	600.000	609.600	700.000
GR	611.200	800.000	613.400	900.000	616.400	1000.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	6993.000	29.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	611.000	0.000	610.400	100.000	610.200	200.000	609.700	300.000	609.700	350.000
GR	609.400	400.000	602.000	410.500	600.700	411.500	600.400	413.000	600.000	415.000
GR	599.900	416.000	600.000	417.000	600.400	419.000	600.500	420.500	602.000	421.500
GR	602.000	424.500	601.000	425.500	600.400	427.000	600.000	429.000	599.700	430.000
GR	600.000	430.500	600.700	433.000	601.000	434.500	602.000	435.500	609.300	441.000
GR	609.100	491.000	609.500	600.000	610.700	700.000	612.800	800.000	0.000	0.000

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SB	0.000	2.090	2.630	0.000	25.000	0.000	128.000	0.000	600.000	600.000
X1	7107.000	0.000	0.000	0.000	114.000	114.000	114.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	607.200	609.300	0.000	0.000	0.000	0.000	0.000
BT	29.000	0.000	611.000	0.000	100.000	610.400	0.000	200.000	610.200	0.000
BT	300.000	609.700	0.000	350.000	609.700	0.000	400.000	609.400	0.000	410.500
BT	609.400	602.000	411.500	609.400	604.800	413.000	609.400	606.000	415.000	609.400
BT	607.000	416.000	609.400	607.200	417.000	609.400	607.000	419.000	609.400	606.000
BT	420.500	609.400	604.800	421.500	609.400	602.000	424.500	609.400	602.000	425.500
BT	609.400	604.800	427.000	609.400	606.000	429.000	609.400	607.000	430.000	609.400
BT	607.100	430.500	609.400	607.000	433.000	609.400	606.000	434.500	609.400	604.800
BT	435.500	609.400	602.000	441.000	609.300	0.000	491.000	609.100	0.000	600.000
BT	609.500	0.000	700.000	610.700	0.000	800.000	612.800	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF PARDEE RD.									
X1	7156.000	18.000	500.000	533.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	610.800	0.000	610.600	100.000	610.000	200.000	610.000	300.000	607.400	400.000
GR	607.200	450.000	606.300	500.000	600.100	509.000	599.400	514.000	599.700	519.000
GR	600.400	522.000	603.800	527.000	606.700	533.000	607.800	600.000	609.600	700.000
GR	611.200	800.000	613.400	900.000	616.400	1000.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF BIRCH RD.									
X1	8835.000	16.000	500.000	534.000	1679.000	1679.000	1679.000	0.000	0.000	0.000
GR	617.000	0.000	615.700	100.000	613.000	200.000	610.700	300.000	609.000	400.000
GR	608.600	485.000	608.200	500.000	601.900	512.000	601.500	517.000	601.600	522.000
GR	601.700	527.000	607.900	534.000	607.900	634.000	610.000	700.000	614.300	800.000
GR	616.200	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	8884.000	35.000	400.000	430.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	615.000	0.000	612.200	100.000	610.200	200.000	609.000	300.000	608.300	350.000
GR	609.500	400.000	604.600	402.500	604.600	404.000	602.900	404.500	602.100	405.500
GR	601.600	407.000	602.100	408.500	602.900	409.500	604.600	410.000	604.700	411.000
GR	602.500	412.000	601.900	413.000	601.700	414.000	601.900	415.000	602.500	416.000
GR	604.700	417.000	605.600	418.000	603.800	418.500	603.000	419.500	602.600	421.000
GR	603.000	422.500	603.800	423.500	605.600	424.000	605.600	428.000	609.500	430.000
GR	608.700	477.000	609.000	527.000	610.500	600.000	612.500	700.000	614.000	800.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	8886.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	26.000	0.000	615.000	615.000	400.000	609.500	609.500	402.500	609.500	604.600
BT	404.000	609.500	604.600	404.500	609.500	606.200	405.500	609.500	607.200	407.000
BT	609.500	607.600	408.500	609.500	607.200	409.500	609.500	606.200	410.000	609.500
BT	604.600	411.000	609.500	606.900	412.000	609.500	607.100	413.000	609.500	607.300
BT	414.000	609.500	607.700	415.000	609.500	607.300	416.000	609.500	607.100	417.000
BT	609.500	604.700	418.000	609.500	605.600	418.500	609.500	607.500	419.500	609.500
BT	608.400	421.000	609.500	608.600	422.500	609.500	608.400	423.500	609.500	607.500
BT	424.000	609.500	605.600	430.000	609.500	0.000	477.000	608.700	608.700	0.000

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X1	8916.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	608.600	609.500	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	8918.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF BIRCH RD.									
X1	8967.000	16.000	500.000	534.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	617.000	0.000	615.700	100.000	613.000	200.000	610.700	300.000	609.000	400.000
GR	608.600	485.000	608.200	500.000	601.900	512.000	601.500	517.000	601.600	522.000
GR	601.700	527.000	607.900	534.000	607.900	634.000	610.000	700.000	614.600	800.000
GR	616.200	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF OAK RD.									
X1	9535.000	16.000	500.000	534.000	568.000	568.000	568.000	0.000	0.000	0.000
GR	614.400	0.000	613.300	100.000	611.800	200.000	611.000	300.000	610.300	400.000
GR	609.900	450.000	607.800	500.000	602.100	511.000	602.100	512.000	602.100	517.000
GR	602.100	521.000	609.400	534.000	610.400	554.000	611.000	600.000	612.200	700.000
GR	614.100	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	9584.000	31.000	400.000	440.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	612.500	0.000	611.600	100.000	611.400	200.000	610.500	300.000	610.000	350.000
GR	610.000	400.000	606.200	409.000	604.500	409.500	603.600	410.500	603.200	412.000
GR	603.600	413.500	604.500	414.500	606.200	415.000	605.000	417.000	603.300	417.500
GR	602.400	418.500	602.000	420.000	602.400	421.500	603.300	422.500	605.000	423.000
GR	604.800	424.000	603.100	424.500	602.200	425.500	601.800	427.000	602.200	428.500
GR	603.100	429.500	604.800	430.000	610.000	440.000	609.800	490.000	611.000	600.000
GR	611.900	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	21.000	0.000	84.000	0.000	601.800	601.800
X1	9616.000	0.000	0.000	0.000	32.000	32.000	32.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	609.200	610.000	0.000	0.000	0.000	0.000	0.000
BT	31.000	0.000	612.500	0.000	100.000	611.600	0.000	200.000	611.400	0.000
BT	300.000	610.500	0.000	350.000	610.000	0.000	400.000	610.000	0.000	409.000
BT	610.000	606.200	409.500	610.000	607.800	410.500	610.000	608.800	412.000	610.000
BT	609.200	413.500	610.000	608.800	414.500	610.000	607.800	415.000	610.000	606.200
BT	417.000	610.000	605.000	417.500	610.100	606.700	418.500	610.100	607.600	420.000
BT	610.100	608.000	421.500	610.100	607.600	422.500	610.000	606.700	423.000	610.000
BT	605.000	424.000	610.000	604.800	424.500	610.000	606.500	425.500	610.000	607.500
BT	427.000	610.000	607.800	428.500	610.000	607.500	429.500	610.000	606.500	430.000
BT	610.000	604.800	440.000	610.000	0.000	490.000	609.800	0.000	600.000	611.000
BT	0.000	700.000	611.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF OAK RD.									
X1	9665.000	16.000	500.000	534.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.400	0.000	613.300	100.000	611.800	200.000	611.000	300.000	610.300	400.000
GR	609.900	450.000	607.800	500.000	602.100	511.000	602.100	512.000	602.100	517.000
GR	602.100	521.000	609.400	534.000	610.400	554.000	611.000	600.000	612.200	700.000
GR	614.100	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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DOWNSTREAM OF SYRACUSE RD.

X1	10320.000	17.000	500.000	546.000	655.000	655.000	655.000	0.000	0.000	0.000
GR	616.000	0.000	615.000	100.000	614.500	200.000	612.600	300.000	612.500	400.000
GR	613.000	450.000	611.900	460.000	611.800	486.000	611.600	500.000	607.000	508.000
GR	603.900	511.000	603.100	520.000	603.900	528.000	611.400	546.000	611.800	566.000
GR	612.000	606.000	612.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	10369.000	31.000	400.000	441.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.200	0.000	614.200	100.000	612.800	200.000	614.000	300.000	613.500	350.000
GR	612.400	367.000	612.200	400.000	605.200	410.000	605.000	410.500	604.800	411.500
GR	604.200	413.000	604.300	414.500	604.400	415.500	604.500	416.000	604.500	417.000
GR	604.500	417.500	604.500	418.500	604.500	420.000	604.400	421.500	604.400	422.500
GR	604.300	423.000	604.300	424.000	604.200	424.500	604.200	425.500	604.200	427.000
GR	604.200	428.500	604.200	429.500	604.200	430.000	612.800	441.000	611.700	491.000
GR	611.500	600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.940	2.630	0.000	20.000	0.000	78.000	0.000	604.200	604.200
X1	10431.000	0.000	0.000	0.000	62.000	62.000	62.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	610.600	612.200	0.000	0.000	0.000	0.000	0.000
BT	31.000	0.000	614.200	0.000	100.000	614.200	0.000	200.000	612.800	0.000
BT	300.000	614.000	0.000	350.000	613.500	0.000	367.000	612.400	0.000	400.000
BT	612.200	0.000	410.000	612.200	605.200	410.500	612.200	608.200	411.500	612.200
BT	610.000	413.000	612.300	610.500	414.500	612.300	610.000	415.500	612.300	608.200
BT	416.000	612.300	604.500	417.000	612.300	604.500	417.500	612.300	607.800	418.500
BT	612.400	610.000	420.000	612.400	610.600	421.500	612.400	610.000	422.500	612.500
BT	607.800	423.000	612.500	604.300	424.000	612.500	604.300	424.500	612.500	607.800
BT	425.500	612.600	610.000	427.000	612.600	610.600	428.500	612.600	610.000	429.500
BT	612.600	607.800	430.000	612.700	604.200	441.000	612.800	0.000	491.000	611.700
BT	0.000	600.000	611.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF SYRACUSE RD.

X1	10480.000	17.000	500.000	546.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	616.000	0.000	615.000	100.000	614.500	200.000	612.600	300.000	612.500	400.000
GR	613.000	450.000	611.900	460.000	611.800	486.000	611.600	500.000	607.000	508.000
GR	603.900	511.000	603.100	520.000	603.900	528.000	611.400	546.000	611.800	566.000
GR	612.000	606.000	612.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM AT NB TELEGRAPH RD.

X1	11370.000	17.000	512.000	543.000	890.000	890.000	890.000	0.000	0.000	0.000
GR	617.300	0.000	617.100	100.000	616.700	200.000	616.300	300.000	614.600	400.000
GR	614.200	450.000	613.300	500.000	611.000	504.000	608.800	512.000	605.400	516.000
GR	604.500	524.000	605.300	533.000	611.800	543.000	615.400	588.000	614.200	618.000
GR	616.500	700.000	618.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.026	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	11419.000	16.000	400.000	447.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.100	0.000	617.100	100.000	616.000	200.000	615.200	300.000	615.100	350.000
GR	614.800	400.000	606.500	414.000	605.600	415.000	606.000	420.000	605.800	425.000
GR	605.500	430.000	605.000	435.000	607.800	440.000	614.600	447.000	615.000	500.000
GR	616.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SB	0.000	1.910	2.630	0.000	25.000	0.000	130.000	0.000	605.000	605.000
X1	11480.000	0.000	0.000	0.000	61.000	61.000	61.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	611.100	614.600	0.000	0.000	0.000	0.000	0.000
BT	10.000	0.000	618.100	0.000	100.000	617.100	0.000	200.000	616.000	0.000
BT	300.000	615.200	0.000	350.000	615.100	0.000	400.000	614.800	0.000	415.000
BT	614.300	611.100	440.000	614.800	611.000	500.000	615.000	0.000	700.000	615.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF NB TELEGRAPH RD.
DOWNSTREAM OF SB TELEGRAPH RD.

X1	11510.000	17.000	500.000	562.000	30.000	30.000	30.000	0.000	0.000	0.000
GR	618.000	0.000	618.000	100.000	617.000	200.000	615.000	300.000	614.000	400.000
GR	615.600	450.000	613.600	500.000	605.700	523.000	605.500	528.000	605.300	533.000
GR	605.200	538.000	605.400	543.000	605.700	545.000	613.400	562.000	615.900	700.000
GR	615.500	800.000	616.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	11510.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.026	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	11559.000	15.000	500.000	554.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.200	0.000	617.600	100.000	617.300	200.000	617.000	300.000	616.800	400.000
GR	616.600	450.000	616.300	500.000	607.100	517.000	605.500	524.000	605.400	530.000
GR	605.800	540.000	606.200	543.000	607.100	548.000	614.900	554.000	616.400	700.000
SB	0.000	1.770	2.630	0.000	26.000	0.000	205.000	0.000	605.400	605.400
X1	11622.000	0.000	0.000	0.000	63.000	63.000	63.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	613.800	616.200	0.000	0.000	0.000	0.000	0.000
BT	4.000	517.000	516.300	607.100	517.000	616.300	613.800	543.000	616.300	613.600
BT	543.000	616.300	606.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

UPSTREAM OF SB TELEGRAPH RD.

X1	11671.000	17.000	500.000	564.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	618.000	0.000	618.000	100.000	617.000	200.000	615.000	300.000	614.000	400.000
GR	615.600	450.000	613.600	500.000	605.700	523.000	605.500	528.000	605.300	533.000
GR	605.200	538.000	605.400	543.000	605.700	545.000	613.400	562.000	615.900	700.000
GR	615.500	800.000	616.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF FARM BRIDGE

X1	12346.000	15.000	500.000	533.000	675.000	675.000	675.000	0.000	0.000	0.000
GR	614.500	0.000	614.200	100.000	614.100	200.000	613.000	300.000	611.200	400.000
GR	613.700	450.000	612.800	500.000	608.100	510.000	606.700	515.000	608.100	521.000
GR	614.900	533.000	615.400	583.000	616.000	600.000	615.500	700.000	615.000	300.000
X1	12395.000	15.000	400.000	433.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.200	0.000	614.100	100.000	613.000	200.000	611.500	300.000	612.900	350.000
GR	614.200	400.000	609.500	408.000	605.600	415.000	605.600	419.000	606.100	422.000
GR	610.400	429.000	614.000	433.000	615.500	500.000	616.200	600.000	616.000	760.000

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NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	12397.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	400.000	614.200	614.200	408.000	614.200	612.800	429.000	614.000	612.800
BT	433.000	614.000	614.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	12403.000	0.000	0.000	0.000	6.000	6.000	6.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	612.800	614.000	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	12405.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF FARM BRIDGE									
X1	12454.000	15.000	500.000	533.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	614.500	0.000	614.200	100.000	614.100	200.000	613.000	300.000	611.200	400.000
GR	613.700	450.000	612.800	500.000	608.100	510.000	606.700	515.000	608.100	521.000
GR	614.900	533.000	615.400	583.000	616.000	600.000	615.500	700.000	615.000	800.000
	DOWNSTREAM OF WESTLAKE RD.									
X1	14585.000	19.000	500.000	538.000	2131.000	2131.000	2131.000	0.000	0.000	0.000
GR	620.200	0.000	619.700	100.000	619.000	200.000	618.500	300.000	618.000	400.000
GR	617.000	450.000	615.800	500.000	610.200	512.000	607.200	513.000	606.900	518.000
GR	607.400	524.000	611.200	525.000	612.000	529.000	616.200	538.000	617.600	590.000
GR	618.300	700.000	618.300	800.000	620.000	900.000	620.300	1000.000	0.000	0.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	14634.000	21.000	400.000	442.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	617.800	0.000	617.200	100.000	617.000	200.000	616.300	300.000	616.300	350.000
GR	616.000	400.000	610.700	415.000	608.000	416.000	606.700	417.000	606.500	418.000
GR	606.100	420.000	605.900	422.000	606.100	424.000	606.200	426.000	606.500	427.000
GR	608.000	428.000	616.000	442.000	616.100	492.000	616.000	600.000	616.700	700.000
GR	617.500	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	12.000	0.000	76.000	0.000	605.900	605.900
X1	14672.000	0.000	0.000	0.000	38.000	38.000	38.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	613.700	615.000	0.000	0.000	0.000	0.000	0.000
BT	21.000	0.000	617.800	0.000	100.000	617.200	0.000	200.000	617.000	0.000
BT	300.000	616.300	0.000	350.000	616.300	0.000	400.000	616.000	0.000	415.000
BT	610.700	0.000	416.000	616.000	608.000	417.000	616.000	611.000	418.000	616.000
BT	612.200	420.000	616.000	613.500	422.000	616.000	613.700	424.000	616.000	613.500
BT	426.000	616.000	612.200	427.000	616.000	611.000	428.000	616.000	608.000	442.000
BT	616.000	0.000	492.000	616.100	0.000	600.000	616.100	0.000	700.000	616.700
BT	0.000	800.000	617.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF WESTLAKE RD.									
X1	14721.000	17.000	500.000	541.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.200	0.000	619.700	100.000	619.000	200.000	618.500	300.000	618.000	400.000
GR	617.000	450.000	615.800	500.000	610.200	512.000	607.200	513.000	606.900	518.000
GR	607.400	524.000	611.200	525.000	612.000	529.000	616.200	538.000	617.600	590.000
GR	618.300	700.000	618.300	800.000	620.000	900.000	620.300	1000.000	0.000	0.000

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	DOWNSTREAM OF BEECH DALY RD.									
X1	17010.000	19.000	500.000	536.000	2289.000	2289.000	2289.000	0.000	0.000	0.000
GR	621.000	0.000	620.000	100.000	620.000	200.000	621.000	300.000	620.600	400.000
GR	620.600	450.000	617.900	500.000	613.000	510.000	609.700	512.000	609.300	517.000
GR	609.700	522.000	611.800	525.000	617.100	536.000	618.400	550.000	618.400	586.000
GR	619.000	600.000	623.000	700.000	624.400	800.000	625.000	900.000	0.000	0.000
NC	0.060	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	17059.000	24.000	422.000	437.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	620.400	0.000	620.200	100.000	620.000	200.000	619.200	300.000	619.400	350.000
GR	619.900	400.000	610.800	422.000	609.800	422.000	609.800	423.000	609.700	424.000
GR	609.600	426.000	609.600	428.000	609.600	429.000	609.600	430.000	609.700	432.000
GR	609.700	434.000	609.800	435.000	609.800	436.000	610.800	437.000	612.400	438.000
GR	620.400	465.000	622.000	500.000	623.000	600.000	624.000	700.000	0.000	0.000
SB	0.000	3.200	2.630	0.000	15.000	0.000	80.000	0.000	609.600	609.600
X1	17239.000	0.000	0.000	0.000	180.000	180.000	180.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	616.700	619.900	0.000	0.000	0.000	0.000	0.000
BT	21.000	0.000	620.400	0.000	100.000	620.200	0.000	200.000	620.000	0.000
BT	300.000	619.200	0.000	350.000	619.400	0.000	400.000	619.900	0.000	422.000
BT	620.000	610.800	423.000	620.000	612.900	424.000	620.000	614.300	426.000	620.100
BT	615.800	428.000	620.100	616.500	429.000	620.100	616.700	430.000	620.100	616.500
BT	432.000	620.100	616.200	434.000	620.200	615.100	435.000	620.200	614.300	436.000
BT	620.200	613.000	437.000	620.200	610.800	438.000	620.200	0.000	465.000	620.400
BT	0.000	700.000	624.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF BEECH DALY RD.									
X1	17288.000	19.000	500.000	536.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	621.000	0.000	620.000	100.000	620.000	200.000	621.000	300.000	620.600	400.000
GR	620.600	450.000	617.900	500.000	613.000	510.000	609.700	512.000	609.300	517.000
GR	609.700	522.000	611.800	525.000	617.100	536.000	618.400	550.000	618.400	586.000
GR	619.000	600.000	623.000	700.000	624.400	800.000	625.000	900.000	0.000	0.000
	DOWNSTREAM OF BACKYARD BRIDGE									
X1	18250.000	15.000	500.000	532.000	962.000	962.000	962.000	0.000	0.000	0.000
GR	621.500	0.000	620.000	100.000	619.800	200.000	618.900	300.000	618.700	400.000
GR	618.000	450.000	617.600	500.000	612.400	514.000	612.000	520.000	612.200	527.000
GR	617.800	532.000	617.700	582.000	619.600	600.000	621.800	700.000	621.400	800.000
X1	18299.000	20.000	400.000	468.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	619.800	0.000	619.800	100.000	618.500	200.000	617.100	300.000	620.600	350.000
GR	619.200	400.000	613.700	425.000	612.400	430.000	610.600	434.000	610.700	437.000
GR	611.000	442.000	613.700	445.000	613.900	447.500	614.100	450.000	618.400	468.000
GR	620.200	528.000	620.500	600.000	621.000	700.000	622.000	800.000	622.000	900.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	18321.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	400.000	619.200	619.200	430.000	617.600	616.600	447.500	617.600	616.600
BT	468.000	618.400	618.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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X1	18307.000	0.000	0.000	0.000	6.000	6.000	6.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	616.600	617.600	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	18309.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF BACKYARD BRIDGE									
X1	18358.000	15.000	500.000	532.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	621.500	0.000	620.000	100.000	619.800	200.000	618.900	300.000	618.700	400.000
GR	618.000	450.000	617.600	500.000	612.400	514.000	612.000	520.000	612.200	527.000
GR	617.800	532.000	617.700	582.000	619.600	600.000	621.800	700.000	621.400	800.000
	DOWNSTREAM OF CONTINENTAL DR.									
X1	18630.000	19.000	500.000	578.000	272.000	272.000	272.000	0.000	0.000	0.000
GR	623.000	0.000	622.700	100.000	621.000	200.000	621.000	300.000	622.600	400.000
GR	622.000	485.000	621.100	500.000	613.100	535.000	610.800	537.000	610.600	541.000
GR	610.800	546.000	613.100	549.000	620.000	578.000	621.400	590.000	621.800	600.000
GR	621.500	700.000	622.300	800.000	622.500	900.000	622.700	1000.000	0.000	0.000
X1	18679.000	18.000	400.000	453.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	621.500	0.000	621.000	100.000	620.500	200.000	620.200	300.000	620.400	350.000
GR	621.300	400.000	615.200	420.000	614.300	423.000	611.000	426.000	610.800	431.000
GR	611.100	436.000	616.000	447.000	621.100	453.000	620.800	532.000	621.000	600.000
GR	621.500	700.000	621.800	800.000	623.000	900.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.026	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	18681.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	4.000	400.000	621.300	621.300	420.000	621.300	619.600	447.000	621.200	619.500
BT	453.000	621.100	621.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	18717.000	0.000	0.000	0.000	35.000	36.000	36.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	619.600	621.100	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	18719.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF CONTINENTAL DR.									
X1	18768.000	19.000	500.000	558.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.000	0.000	622.700	100.000	621.000	200.000	621.000	300.000	622.600	400.000
GR	622.000	485.000	621.100	500.000	613.100	535.000	610.800	537.000	610.600	541.000
GR	610.800	546.000	613.100	549.000	620.000	578.000	621.400	590.000	621.800	600.000
GR	621.500	700.000	622.300	800.000	622.500	900.000	622.700	1000.000	0.000	0.000
	DOWNSTREAM OF HOLLAND RD.									
X1	19845.000	18.000	500.000	537.000	1077.000	1077.000	1077.000	0.000	0.000	0.000
GR	629.000	0.000	626.000	100.000	624.000	200.000	622.000	300.000	620.000	400.000
GR	620.100	450.000	621.500	500.000	616.700	512.000	612.800	515.000	612.500	520.000
GR	612.800	525.000	616.300	526.000	619.300	537.000	621.000	590.000	622.000	700.000
GR	622.200	800.000	623.000	900.000	625.200	1000.000	0.000	0.000	0.000	0.000

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NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	19894.000	21.000	500.000	538.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.700	0.000	623.200	100.000	622.500	200.000	621.800	300.000	620.000	400.000
GR	623.200	450.000	623.500	500.000	615.800	509.000	613.800	510.000	613.000	512.000
GR	613.000	514.000	613.000	516.000	613.000	518.000	613.100	520.000	613.900	522.000
GR	615.800	523.000	623.600	538.000	624.000	588.000	624.000	700.000	626.000	800.000
GR	626.200	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.580	2.630	0.000	14.000	0.000	99.000	0.000	613.000	613.000
X1	20007.000	0.000	0.000	0.000	113.000	113.000	113.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	622.000	623.500	0.000	0.000	0.000	0.000	0.000
BT	21.000	0.000	623.200	0.000	100.000	623.200	0.000	200.000	622.500	0.000
BT	300.000	621.800	0.000	400.000	621.800	0.000	450.000	623.200	0.000	500.000
BT	623.500	0.000	509.000	623.500	615.800	510.000	623.500	618.200	512.000	623.500
BT	620.500	514.000	623.500	621.700	516.000	623.500	622.000	518.000	623.500	621.700
BT	520.000	623.500	620.600	522.000	623.500	618.200	523.000	623.500	615.800	538.000
BT	623.600	0.000	588.000	624.000	0.000	700.000	624.000	0.000	800.000	626.000
BT	0.000	900.000	626.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF HOLLAND RD.									
X1	20056.000	18.000	500.000	537.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	629.000	0.000	626.000	100.000	624.000	200.000	622.000	300.000	620.000	400.000
GR	620.100	450.000	621.500	500.000	616.700	512.000	612.800	515.000	612.500	520.000
GR	612.800	525.000	616.300	526.000	619.800	537.000	621.000	590.000	622.000	700.000
GR	622.200	800.000	623.000	900.000	625.200	1000.000	0.000	0.000	0.000	0.000
QT	4.000	611.000	865.000	998.000	1394.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF FARM BRIDGE									
X1	21606.000	18.000	500.000	537.000	1550.000	1550.000	1550.000	0.000	0.000	0.000
GR	623.000	0.000	622.800	100.000	622.400	200.000	622.000	300.000	621.700	400.000
GR	621.700	450.000	621.800	500.000	617.300	513.000	615.300	514.000	614.800	519.000
GR	615.200	524.000	621.800	537.000	624.100	587.000	625.000	600.000	625.600	700.000
GR	626.200	800.000	627.700	900.000	628.300	1000.000	0.000	0.000	0.000	0.000
QT	4.000	365.000	507.000	580.000	791.000	0.000	0.000	0.000	0.000	0.000
X1	21655.000	20.000	400.000	433.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.500	0.000	622.200	100.000	621.300	200.000	621.000	300.000	621.100	350.000
GR	622.600	400.000	618.800	406.000	618.800	416.000	616.600	417.000	616.000	418.000
GR	615.800	419.000	616.000	420.000	616.600	421.000	618.800	422.000	618.200	430.000
GR	622.500	438.000	624.000	500.000	625.000	600.000	626.000	700.000	627.500	800.000
NC	0.070	0.070	0.013	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	21657.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	11.000	350.000	621.100	0.000	400.000	622.600	0.000	416.000	622.600	618.800
BT	417.000	622.600	621.000	418.000	622.600	621.700	419.000	622.600	621.800	420.000
BT	622.600	621.700	421.000	622.600	621.000	422.000	622.600	618.800	438.000	622.500
BT	0.000	500.000	624.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

X1	21680.000	0.000	0.000	0.000	23.000	23.000	23.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	621.800	622.600	0.000	1.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	21682.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF FARM BRIDGE									
X1	21731.000	18.000	500.000	537.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	623.000	0.000	622.800	100.000	622.400	200.000	622.000	300.000	621.700	400.000
GR	621.700	450.000	621.800	500.000	617.300	513.000	615.300	514.000	614.800	519.000
GR	615.200	524.000	621.800	537.000	624.100	587.000	625.000	600.000	625.600	700.000
GR	626.200	800.000	627.200	900.000	628.300	1000.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF INKSTER RD									
X1	23500.000	13.000	500.000	537.000	1769.000	1769.000	1769.000	0.000	0.000	0.000
GR	629.300	0.000	628.500	100.000	628.000	200.000	626.000	300.000	624.000	400.000
GR	622.500	500.000	618.000	514.000	617.500	519.000	617.200	524.000	622.500	537.000
GR	623.700	700.000	624.200	800.000	626.000	900.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRITS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 200.000

UPSTREAM OF ALLEN RD.

200.00	9.10	600.50	0.00	600.50	600.74	0.24	0.00	0.00	599.00
831.	14.	814.	3.	26.	206.	10.	0.	0.	599.90
0.00	0.55	3.96	0.30	0.070	0.035	0.070	0.000	591.40	565.91
0.000978	0.	0.	0.	0	0	0	0.00	102.49	668.40

*SECNO 650.000

DOWNSTREAM OF PRIVATE BRIDGE

650.00	8.98	600.98	0.00	0.00	601.18	0.20	0.43	0.00	599.70
831.	37.	794.	0.	65.	218.	0.	3.	1.	601.60
0.04	0.56	3.64	0.00	0.070	0.035	0.000	0.000	592.00	401.44
0.000947	450.	450.	450.	2	0	0	0.00	141.36	542.81

CCHV= 0.300 CEHV= 0.500

*SECNO 699.000

699.00	8.80	601.00	0.00	0.00	601.27	0.27	0.06	0.04	601.40
831.	0.	831.	0.	0.	200.	0.	3.	1.	601.60
0.04	0.00	4.16	0.00	0.000	0.035	0.000	0.000	592.20	490.83
0.001359	49.	49.	49.	2	0	0	0.00	41.51	532.34

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	84.00	0.00	592.20	592.20

*SECNO 714.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
603.37	601.27	0.00	219.	607.	84.	94.	600.00	601.10

714.00	9.89	602.09	0.00	0.00	602.26	0.17	1.00	0.00	601.40
831.	10.	820.	1.	31.	247.	5.	3.	1.	601.60
0.04	0.32	3.32	0.26	0.060	0.035	0.060	0.000	592.20	400.72
0.003700	15.	15.	15.	2	0	3	0.00	153.67	554.39

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 763.000									
UPSTREAM OF PRIVATE BRIDGE									
763.00	10.22	602.22	0.00	0.00	602.29	0.08	0.02	0.01	599.70
831.	155.	675.	1.	251.	273.	6.	4.	2.	601.60
0.05	0.62	2.48	0.21	0.060	0.035	0.060	0.000	592.00	294.55
0.000340	49.	49.	49.	2	0	0	0.00	268.71	563.26
*SECNO 1313.000									
DOWNSTREAM OF D.T.I.RR.									
1313.00	9.02	602.42	0.00	0.00	602.52	0.10	0.22	0.01	600.10
831.	169.	604.	58.	290.	204.	110.	11.	6.	601.20
0.11	0.58	2.97	0.53	0.060	0.035	0.060	0.000	593.40	195.97
0.000493	550.	550.	550.	2	0	0	0.00	466.29	662.25
CCHV= 0.300 CEHV= 0.500									
*SECNO 1362.000									
1362.00	8.35	602.35	0.00	0.00	602.67	0.31	0.04	0.11	606.20
831.	0.	831.	0.	0.	185.	0.	11.	7.	602.50
0.12	0.00	4.50	0.00	0.000	0.035	0.000	0.000	594.00	202.75
0.001324	49.	49.	49.	2	0	0	0.00	27.22	229.96

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	21.00	1.50	127.00	0.00	594.40	594.40

*SECNO 1399.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
603.39	602.70	0.03	0.	831.	127.	123.	600.70	606.80

1399.00	9.14	603.14	0.00	0.00	603.39	0.25	0.72	0.00	606.20
831.	0.	830.	1.	0.	206.	2.	11.	7.	602.50
0.12	0.00	4.02	0.36	0.000	0.035	0.060	0.000	594.00	202.18
0.000950	37.	37.	37.	2	0	0	0.00	35.27	237.45

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1448.000
3280 CROSS SECTION 1448.00 EXTENDED 0.45 FEET

UPSTREAM OF D.T.I.RR.

1448.00	10.05	603.45	0.00	0.00	603.47	0.02	0.01	0.07	600.10
831.	302.	411.	113.	718.	237.	272.	12.	7.	601.20
0.13	0.43	1.74	0.42	0.060	0.035	0.060	0.000	593.40	0.00
0.000139	49.	49.	49.	2	0	0	0.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1998.000
3280 CROSS SECTION 1998.00 EXTENDED 0.03 FEET

DOWNSTREAM OF RET. POND SERVICE RD.

1998.00	9.53	603.53	0.00	0.00	603.56	0.03	0.08	0.00	600.20
831.	369.	406.	55.	614.	226.	183.	26.	15.	601.40
0.26	0.60	1.80	0.30	0.060	0.035	0.060	0.000	594.00	27.88
0.000170	550.	550.	550.	2	0	0	0.00	572.12	600.00

*SECNO 2047.000
3280 CROSS SECTION 2047.00 EXTENDED 1.00 FEET

2047.00	9.70	603.50	0.00	0.00	603.59	0.09	0.01	0.02	603.60
831.	0.	676.	155.	0.	256.	289.	27.	16.	603.50
0.27	0.00	2.64	0.53	0.000	0.035	0.060	0.000	593.80	300.00
0.000366	49.	49.	49.	2	0	0	0.00	300.00	600.00

CCHV= 0.300 CEHV= 0.500
*SECNO 2049.000
3280 CROSS SECTION 2049.00 EXTENDED 1.00 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 602.90 MAX ELLC= 602.50

2049.00	9.71	603.51	0.00	0.00	603.59	0.08	0.00	0.00	603.60
831.	0.	459.	372.	0.	158.	289.	27.	16.	603.50
0.27	0.00	2.91	1.29	0.000	0.045	0.070	0.000	593.80	300.00
0.002881	2.	2.	2.	0	0	0	-98.67	300.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2076.000
3280 CROSS SECTION 2076.00 EXTENDED 1.13 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 603.50 MAX ELLC= 600.60

2076.00	9.82	603.62	0.00	0.00	603.68	0.06	0.08	0.01	603.60
831.	0.	380.	451.	0.	160.	324.	27.	16.	603.50
0.27	0.07	2.37	1.39	0.070	0.045	0.070	0.000	593.80	292.56
0.003001	27.	27.	27.	2	0	0	-100.45	307.44	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2078.000
3280 CROSS SECTION 2078.00 EXTENDED 1.10 FEET

2078.00	9.80	603.60	0.00	0.00	603.69	0.09	0.00	0.01	603.60
831.	0.	681.	150.	0.	260.	316.	28.	16.	603.50
0.27	0.00	2.62	0.47	0.000	0.035	0.070	0.000	593.80	299.30
0.000356	2.	2.	2.	2	0	0	0.00	300.70	600.00

*SECNO 2127.000
3280 CROSS SECTION 2127.00 EXTENDED 0.21 FEET

UPSTREAM OF RET. POND SERVICE RD.

2127.00	9.71	603.71	0.00	0.00	603.71	0.01	0.02	0.01	600.20
831.	0.	0.	831.	0.	0.	1123.	28.	16.	654.20
0.29	0.00	0.00	0.74	0.000	0.000	0.070	0.000	594.00	20.59
0.000281	49.	49.	49.	2	0	0	0.00	579.41	600.00

*SECNO 2477.000
DOWNSTREAM OF WALK BRIDGE

2477.00	12.04	603.74	0.00	0.00	603.81	0.06	0.07	0.02	602.10
792.	15.	746.	31.	54.	357.	107.	35.	19.	601.60
0.34	0.27	2.09	0.29	0.070	0.035	0.070	0.000	591.70	339.49
0.000165	350.	350.	350.	2	0	0	0.00	227.95	567.44

*SECNO 2526.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3301 HV CHANGED MORE THAN HVINS									
2526.00	8.25	603.35	0.00	0.00	604.00	0.65	0.02	0.18	603.60
792.	0.	792.	0.	0.	123.	0.	35.	20.	603.80
0.34	0.00	6.46	0.00	0.000	0.035	0.000	0.000	595.10	202.83
0.003966	49.	49.	49.	2	0	0	0.00	24.85	227.68
CCHV= 0.300 CEHV= 0.500									
*SECNO 2528.000									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.80									
2528.00	8.24	603.34	0.00	0.00	604.04	0.70	0.01	0.02	603.60
792.	0.	792.	0.	0.	118.	0.	35.	20.	603.80
0.34	0.00	6.69	0.00	0.000	0.035	0.000	0.000	595.10	202.91
0.006723	2.	2.	2.	1	0	0	-4.03	24.77	227.68
*SECNO 2532.000									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.30									
2532.00	8.27	603.37	0.00	0.00	604.06	0.69	0.03	0.00	603.60
792.	0.	792.	0.	0.	118.	0.	35.	20.	603.80
0.34	0.00	6.69	0.00	0.000	0.035	0.000	0.000	595.10	202.77
0.006744	4.	4.	4.	0	0	3	-4.28	24.92	227.69
CCHV= 0.100 CEHV= 0.300									
*SECNO 2534.000									
2534.00	8.36	603.46	0.00	0.00	604.08	0.62	0.01	0.01	603.60
792.	0.	792.	0.	0.	125.	0.	35.	20.	603.80
0.34	0.00	6.33	0.00	0.000	0.035	0.000	0.000	595.10	201.64
0.003899	2.	2.	2.	2	0	0	0.00	26.12	227.76
*SECNO 2583.000									
3280 CROSS SECTION 2533.00 EXTENDED 0.10 FEET									

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	ES	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST

3301 HV CHANGED MORE THAN HVINS

UPSTREAM OF WALK BRIDGE

2583.00	12.40	604.10	0.00	0.00	604.16	0.05	0.02	0.06	602.10
792.	23.	723.	46.	78.	372.	164.	36.	20.	601.60
0.35	0.29	1.94	0.28	0.070	0.035	0.070	0.000	591.70	330.87
0.000136	49.	49.	49.	2	0	0	0.00	369.13	700.00

*SECNO 2633.000

DOWNSTREAM OF MORTONVIEW DR.

2633.00	8.58	603.98	0.00	0.00	604.23	0.25	0.01	0.06	603.70
792.	0.	775.	17.	1.	192.	28.	36.	20.	602.40
0.35	0.18	4.03	0.58	0.070	0.035	0.070	0.000	595.40	392.57
0.001027	50.	50.	50.	2	0	0	0.00	76.34	468.91

*SECNO 2682.000

2682.00	8.55	604.15	0.00	0.00	604.27	0.12	0.03	0.01	605.60
792.	0.	792.	0.	0.	286.	0.	37.	20.	605.40
0.36	0.00	2.77	0.00	0.000	0.035	0.000	0.000	595.60	300.82
0.000410	49.	49.	49.	2	0	0	0.00	41.98	342.80

CCHV= 0.300 CEHV= 0.500
*SECNO 2684.000

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 605.50 MAX ELLC= 602.10

2684.00	3.52	604.12	0.00	0.00	604.31	0.19	0.00	0.04	605.60
792.	0.	792.	0.	0.	225.	0.	37.	20.	605.40
0.36	0.00	3.51	0.00	0.000	0.035	0.000	0.000	595.60	300.84
0.002178	2.	2.	2.	2	0	0	-58.77	41.90	342.74

*SECNO 2725.000

3370 NORMAL BRIDGE,NRD= 0 MIN ELTRD= 605.40 MAX ELLC= 602.10

2725.00	8.59	604.19	0.00	0.00	604.43	0.24	0.10	0.02	605.60
792.	0.	792.	0.	0.	203.	0.	37.	20.	605.40
0.36	0.00	3.90	0.00	0.000	0.035	0.000	0.000	595.60	300.80
0.002556	41.	41.	41.	2	0	0	-84.29	42.07	342.87

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 2727.000									
2727.00	8.73	604.33	0.00	0.00	604.44	0.11	0.00	0.01	605.60
792.	0.	792.	0.	0.	293.	0.	37.	20.	605.40
0.36	0.00	2.70	0.00	0.000	0.035	0.000	0.000	595.60	300.72
0.000382	2.	2.	2.	2	0	0	0.00	42.39	343.11
*SECNO 2826.000									
UPSTREAM OF MORTONVIEW DR.									
2826.00	8.91	604.31	0.00	0.00	604.53	0.21	0.05	0.03	603.70
792.	1.	766.	25.	5.	203.	42.	37.	20.	602.40
0.37	0.28	3.77	0.59	0.070	0.035	0.070	0.000	595.40	383.86
0.000833	99.	99.	99.	2	0	0	0.00	92.56	476.42
*SECNO 3551.000									
DOWNSTREAM OF BARAGA RD.									
3551.00	8.17	604.97	0.00	0.00	605.15	0.18	0.62	0.00	604.20
792.	28.	741.	22.	83.	212.	47.	42.	24.	603.80
0.43	0.34	3.50	0.47	0.070	0.035	0.070	0.000	596.80	175.34
0.000877	725.	725.	725.	2	0	0	0.00	360.62	535.96
*SECNO 3600.000									
3600.00	8.50	605.00	0.00	0.00	605.21	0.21	0.05	0.01	603.60
792.	69.	702.	21.	123.	181.	35.	43.	25.	603.60
0.43	0.56	3.89	0.59	0.070	0.035	0.070	0.000	596.50	76.33
0.001221	49.	49.	49.	1	0	0	0.00	305.50	381.84
CCHV= 0.300 CEHV= 0.500									
*SECNO 3602.000									
3301 HV CHANGED MORE THAN HVINS									
3370 NORMAL BRIDGE, NRD= 29 MIN ELTRD= 604.40 MAX ELLC= 605.00									
3602.00	7.46	603.96	601.12	0.00	606.26	2.29	0.01	1.04	603.60
792.	0.	792.	0.	0.	65.	0.	43.	25.	603.60
0.43	0.00	12.15	0.00	0.000	0.013	0.000	0.000	596.50	277.27
0.008000	2.	2.	2.	10	15	3	-90.71	65.72	342.99

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALQ3	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3634.000

4575 CRITICAL DEPTH ASSUMED BELOW ELLC OF 602.500 EGLC= 604.793 EGC= 605.860 WSEL= 605.345

3370 NORMAL BRIDGE,NRD= 29 MIN ELTRD= 604.50 MAX ELLC= 602.50

3634.00	7.72	604.22	601.12	0.00	606.51	2.29	0.26	0.00	603.60
792.	0.	792.	0.	0.	65.	0.	43.	25.	603.60
0.43	0.00	12.15	0.00	0.000	0.013	0.000	0.000	596.50	261.27
0.008000	32.	32.	32.	4	21	0	-110.76	90.86	352.13

CCHV= 0.100 CEHV= 0.300
*SECNO 3636.000
3280 CROSS SECTION 3636.00 EXTENDED 0.72 FEET

3301 HV CHANGED MORE THAN HVINS

3636.00	10.22	606.72	0.00	0.00	606.74	0.02	0.00	0.23	603.60
792.	254.	373.	165.	599.	232.	492.	43.	25.	603.60
0.44	0.42	1.61	0.34	0.070	0.035	0.070	0.000	596.50	0.00
0.000149	2.	2.	2.	4	0	0	0.00	700.00	700.00

*SECNO 3685.000
3280 CROSS SECTION 3685.00 EXTENDED 0.73 FEET

UPSTREAM OF BARAGA RD.

3685.00	9.93	606.73	0.00	0.00	606.75	0.02	0.01	0.00	604.20
792.	217.	440.	135.	636.	284.	407.	44.	25.	603.80
0.45	0.34	1.55	0.33	0.070	0.035	0.070	0.000	596.80	0.00
0.000116	49.	49.	49.	2	2	2	0.00	700.00	700.00

*SECNO 4480.000
DOWNSTREAM OF WILLIAMS RD.

4480.00	9.23	606.83	0.00	0.00	606.87	0.04	0.12	0.01	604.10
792.	70.	522.	200.	176.	268.	387.	64.	35.	603.40
0.60	0.40	1.95	0.52	0.070	0.035	0.070	0.000	597.60	263.82
0.000187	795.	795.	795.	0	0	0	0.00	370.85	634.67

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.300 CEHV= 0.500									
*SECNO 4529.000									
4529.00	9.27	606.77	0.00	0.00	606.95	0.18	0.01	0.07	605.80
792.	15.	751.	26.	75.	215.	132.	65.	36.	605.80
0.61	0.20	3.49	0.20	0.070	0.013	0.070	0.000	597.50	176.61
0.000156	49.	49.	49.	2	0	0	0.00	381.81	558.41
SPECIAL BRIDGE									
SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	18.00	0.00	85.00	0.00	597.50	597.50
*SECNO 4567.000									
6870 D.S. ENERGY OF 606.95 HIGHER THAN COMPUTED ENERGY OF 606.92									
PRESSURE AND WEIR FLOW									
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
608.87	606.95	0.00	570.	215.	85.	110.	603.60	605.40	
4567.00	9.27	606.77	0.00	0.00	606.95	0.18	0.00	0.00	605.80
792.	15.	751.	26.	75.	215.	132.	65.	36.	605.80
0.61	0.20	3.49	0.20	0.070	0.013	0.070	0.000	597.50	176.59
0.000155	38.	38.	38.	2	0	4	0.00	381.87	558.46
*SECNO 4616.000									
UPSTREAM OF WILLIAMS RD.									
4616.00	9.40	607.00	0.00	0.00	607.01	0.01	0.01	0.05	604.10
792.	0.	0.	792.	0.	0.	893.	66.	36.	657.00
0.62	0.00	0.00	0.89	0.000	0.000	0.070	0.000	597.60	256.67
0.000334	49.	49.	49.	2	0	0	0.00	384.86	641.53
CCHV= 0.100 CEHV= 0.300									
*SECNO 5486.000									
DOWNSTREAM OF KATHERINE RD.									
5486.00	9.22	607.32	0.00	0.00	607.42	0.10	0.38	0.03	605.20
792.	241.	548.	3.	432.	178.	14.	81.	45.	606.70
0.73	0.56	3.08	0.24	0.070	0.035	0.070	0.000	598.10	42.53
0.000613	870.	870.	870.	2	0	0	0.00	529.91	572.44

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 5535.000
3280 CROSS SECTION 5535.00 EXTENDED 0.81 FEET

5535.00	9.31	607.31	0.00	0.00	607.45	0.14	0.01	0.02	606.60
792.	63.	729.	0.	290.	230.	5.	82.	46.	607.00
0.73	0.22	3.16	0.06	0.070	0.013	0.070	0.000	598.00	0.00
0.000110	49.	49.	49.	2	0	0	0.00	370.79	370.79

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	84.00	0.00	598.30	598.30

*SECNO 5570.000
6870 D.S. ENERGY OF 607.45 HIGHER THAN COMPUTED ENERGY OF 607.42
3280 CROSS SECTION 5570.00 EXTENDED 0.81 FEET

PRESSURE AND WEIR FLOW

ESPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.46	607.75	0.00	614.	180.	84.	110.	604.40	606.60

5570.00	9.31	607.31	0.00	0.00	607.45	0.14	0.00	0.00	606.60
792.	63.	729.	0.	290.	230.	5.	82.	46.	607.00
0.74	0.22	3.16	0.06	0.070	0.013	0.070	0.000	598.00	0.00
0.000110	35.	35.	35.	2	0	5	0.00	370.82	370.82

CCHV= 0.100 CEHV= 0.300
*SECNO 5619.000
UPSTREAM OF KATHERINE RD.

5619.00	9.36	607.46	0.00	0.00	607.48	0.02	0.01	0.01	605.20
792.	0.	0.	792.	0.	0.	698.	83.	47.	657.70
0.75	0.00	0.00	1.13	0.000	0.000	0.070	0.000	598.10	27.14
0.001014	49.	49.	49.	2	0	0	0.00	555.28	582.41

*SECNO 6944.000
DOWNSTREAM OF PARDEE RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6944.00	8.95	608.35	0.00	0.00	608.48	0.13	0.98	0.03	606.30
792.	88.	663.	41.	150.	208.	92.	100.	59.	606.70
0.88	0.58	3.19	0.50	0.070	0.035	0.070	0.000	599.40	363.41
0.000558	1325.	1325.	1325.	2	0	0	0.00	267.21	630.62

CCHV= 0.300 CEHV= 0.500
*SECNO 6993.000

6993.00	8.66	608.36	0.00	0.00	608.54	0.18	0.03	0.02	609.40
792.	0.	792.	0.	0.	236.	0.	100.	59.	609.30
0.89	0.00	3.36	0.00	0.000	0.035	0.000	0.000	599.70	401.47
0.000725	49.	49.	49.	2	0	0	0.00	38.82	440.29

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.09	2.63	0.00	25.00	0.00	128.00	0.00	600.00	600.00

*SECNO 7107.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
609.60	608.82	0.00	40.	745.	128.	180.	607.20	609.30

7107.00	9.63	609.33	0.00	0.00	609.46	0.13	0.93	0.00	609.40
792.	0.	790.	2.	0.	275.	14.	101.	60.	609.30
0.90	0.00	2.88	0.11	0.000	0.035	0.070	0.000	599.70	400.09
0.000470	114.	114.	114.	2	0	2	0.00	154.57	554.67

CCHV= 0.100 CEHV= 0.300
*SECNO 7156.000
UPSTREAM OF PARDEE RD.

7156.00	10.03	609.43	0.00	0.00	609.48	0.05	0.01	0.01	606.30
792.	160.	535.	97.	320.	244.	220.	102.	60.	606.70
0.91	0.50	2.19	0.44	0.070	0.035	0.070	0.000	599.40	321.80
0.000214	49.	49.	49.	2	0	0	0.00	368.94	690.74

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 8835.000									
	DOWNSTREAM OF BIRCH RD.								
8835.00	8.38	609.88	0.00	0.00	609.96	0.08	0.47	0.01	608.20
792.	58.	578.	156.	137.	217.	260.	129.	74.	607.90
1.13	0.42	2.66	0.60	0.070	0.035	0.070	0.000	601.50	348.04
0.000383	1679.	1679.	1679.	2	0	0	0.00	348.30	696.33
*SECNO 8884.000									
8884.00	8.26	609.86	0.00	0.00	610.02	0.16	0.03	0.02	609.50
792.	98.	628.	67.	139.	175.	104.	129.	74.	609.50
1.13	0.70	3.60	0.64	0.070	0.035	0.070	0.000	601.60	228.45
0.001199	49.	49.	49.	2	0	0	0.00	340.34	568.79
CCHV= 0.300 CEHV= 0.500									
*SECNO 8886.000									
3370 NORMAL BRIDGE, NRD= 26 MIN ELTRD= 608.70 MAX ELLC= 615.00									
8886.00	8.29	609.89	0.00	0.00	610.03	0.14	0.00	0.01	609.50
792.	230.	378.	184.	145.	95.	108.	129.	74.	609.50
1.13	1.59	4.00	1.69	0.070	0.035	0.070	0.000	601.60	225.79
0.008060	2.	2.	2.	2	0	0	-80.83	344.55	570.34
*SECNO 8916.000									
3370 NORMAL BRIDGE, NRD= 26 MIN ELTRD= 609.50 MAX ELLC= 608.60									
8916.00	8.54	610.14	0.00	0.00	610.23	0.08	0.18	0.02	609.50
792.	248.	327.	217.	192.	102.	146.	130.	74.	609.50
1.14	1.29	3.20	1.49	0.070	0.035	0.070	0.000	601.60	204.50
0.004652	30.	30.	30.	2	0	0	-80.93	378.27	582.77
CCHV= 0.100 CEHV= 0.300									
*SECNO 8918.000									
8918.00	8.53	610.13	0.00	0.00	610.24	0.11	0.00	0.01	609.50
792.	126.	575.	91.	188.	183.	143.	130.	75.	609.50
1.14	0.67	3.15	0.63	0.070	0.035	0.070	0.000	601.60	206.10
0.000866	2.	2.	2.	2	0	0	0.00	375.74	581.84

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 8967.000									
UPSTREAM OF BIRCH RD.									
8967.00	8.71	610.21	0.00	0.00	610.27	0.06	0.02	0.01	608.20
792.	79.	536.	177.	190.	228.	314.	130.	75.	607.90
1.14	0.41	2.35	0.56	0.070	0.035	0.070	0.000	601.50	328.89
0.000279	49.	49.	49.	2	0	0	0.00	375.65	704.54
*SECNO 9535.000									
DOWNSTREAM OF OAK RD.									
9535.00	8.27	610.37	0.00	0.00	610.55	0.18	0.24	0.04	607.80
792.	61.	727.	3.	89.	202.	9.	137.	78.	609.40
1.19	0.69	3.60	0.36	0.070	0.035	0.070	0.000	602.10	390.58
0.000753	568.	568.	568.	2	0	0	0.00	162.74	553.32
CCHV= 0.300 CEHV= 0.500									
*SECNO 9584.000									
9584.00	8.60	610.40	0.00	0.00	610.62	0.22	0.05	0.02	610.00
792.	10.	764.	18.	27.	197.	41.	137.	79.	610.00
1.20	0.38	3.87	0.44	0.070	0.035	0.070	0.000	601.80	310.90
0.001419	49.	49.	49.	0	0	0	0.00	233.28	544.18

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	21.00	0.00	84.00	0.00	601.80	601.80

*SECNO 9616.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.55	610.62	0.00	438.	354.	84.	155.	609.20	610.00

9616.00	8.85	610.65	0.00	0.00	610.83	0.18	0.21	0.00	610.00
792.	25.	732.	35.	53.	208.	70.	138.	79.	610.00
1.20	0.46	3.53	0.49	0.070	0.035	0.070	0.000	601.80	283.61
0.001102	32.	32.	32.	2	0	5	0.00	284.09	567.69

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 9665.000

UPSTREAM OF OAK RD.

9665.00	8.62	610.72	0.00	0.00	610.87	0.15	0.04	0.00	607.80
792.	85.	699.	8.	136.	214.	20.	138.	79.	609.40
1.20	0.63	3.26	0.39	C.070	0.035	0.070	0.000	602.10	340.85
0.000575	49.	49.	49.	1	0	0	0.00	237.23	578.08

*SECNO 10320.000

DOWNSTREAM OF SYRACUSE RD.

10320.00	8.05	611.15	C.00	0.00	611.34	0.19	0.46	0.01	611.60
792.	0.	792.	0.	0.	225.	0.	142.	81.	611.40
1.25	0.00	3.52	0.00	0.000	0.035	0.000	0.000	603.10	500.78
0.000887	655.	655.	655.	2	0	0	0.00	44.62	545.40

CCHV= 0.300 CEHV= 0.500

*SECNO 10369.000

10369.00	6.93	611.13	0.00	0.00	611.40	0.27	0.02	0.04	612.20
792.	0.	792.	0.	0.	190.	0.	143.	81.	612.80
1.26	0.00	4.16	0.00	0.000	0.013	0.000	0.000	604.20	401.53
0.000175	49.	49.	49.	2	0	0	0.00	37.33	438.86

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.63	0.00	20.00	0.00	78.00	0.00	604.20	604.20

*SECNO 10431.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10431.00 EXTENDED 0.81 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.24	611.40	0.00	271.	522.	78.	128.	610.60	612.20

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
10431.00	8.11	612.31	0.00	0.00	612.48	0.17	1.08	0.00	612.20
792.	0.	779.	13.	1.	237.	86.	143.	81.	612.80
1.26	0.03	3.29	0.16	0.070	0.013	0.070	0.000	604.20	381.47
0.000092	62.	62.	62.	2	0	5	0.00	195.73	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10480.000
3280 CROSS SECTION 10480.00 EXTENDED 0.38 FEET

UPSTREAM OF SYRACUSE RD.

10480.00	9.28	612.38	0.00	0.00	612.49	0.11	0.01	0.01	611.60
792.	7.	766.	19.	24.	282.	71.	143.	82.	611.40
1.27	0.30	2.72	0.27	0.070	0.035	0.070	0.000	603.10	455.64
0.000411	49.	49.	49.	2	0	0	0.00	244.36	700.00

*SECNO 11370.000
DOWNSTREAM AT NB TELEGRAPH RD.

11370.00	8.30	612.80	0.00	0.00	613.02	0.22	0.49	0.03	608.80
792.	29.	761.	2.	26.	199.	5.	150.	85.	611.90
1.33	1.11	3.83	0.35	0.070	0.035	0.070	0.000	604.50	500.88
0.000785	890.	890.	890.	2	0	0	0.00	53.65	554.53

CCHV= 0.300 CEHV= 0.500
*SECNO 11419.000

11419.00	7.87	612.87	0.00	0.00	613.06	0.18	0.03	0.01	614.80
792.	0.	792.	0.	0.	231.	0.	150.	85.	614.60
1.34	0.00	3.43	0.00	0.000	0.026	0.000	0.000	605.00	403.25
0.000428	49.	49.	49.	2	0	0	0.00	41.97	445.22

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.91	2.63	0.00	25.00	0.00	130.00	0.00	605.00	605.00

*SECNO 11480.000
PRESSURE FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
613.97	613.06	0.00	0.	792.	130.	152.		611.10	614.60
11480.00	8.84	613.84	0.00	0.00	613.97	0.13	0.92	0.00	614.80
792.	0.	792.	0.	0.	273.	0.	150.	85.	614.60
1.34	0.00	2.90	0.00	0.000	0.026	0.000	0.000	605.00	401.61
0.000269	61.	61.	61.	2	0	0	0.00	44.61	446.22

CCHV= 0.100 CEHV= 0.300
*SECNO 11510.000
UPSTREAM OF NB TELEGRAPH RD.
DOWNSTREAM OF SB TELEGRAPH RD.

11510.00	8.71	613.91	0.00	0.00	613.99	0.08	0.01	0.01	613.60
792.	0.	791.	1.	1.	359.	7.	150.	85.	613.40
1.35	0.10	2.20	0.14	0.070	0.035	0.070	0.000	605.20	492.18
0.000275	30.	30.	30.	2	0	0	0.00	98.14	590.32

*SECNO 11510.000

11510.00	8.71	613.91	0.00	0.00	613.99	0.08	0.00	0.00	613.60
792.	0.	791.	1.	1.	359.	7.	150.	85.	613.40
1.35	0.10	2.20	0.14	0.070	0.035	0.070	0.000	605.20	492.18
0.000275	0.	0.	0.	0	0	0	0.00	98.14	590.32

CCHV= 0.300 CEHV= 0.500
*SECNO 11559.000

11559.00	8.51	613.91	0.00	0.00	614.01	0.10	0.01	0.01	616.30
792.	0.	792.	0.	0.	398.	0.	151.	85.	614.90
1.35	0.00	2.57	0.00	0.000	0.026	0.000	0.000	605.40	504.40
0.000199	49.	49.	49.	1	0	0	0.00	48.84	553.25

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	26.00	0.00	205.00	0.00	605.40	605.40

*SECNO 11622.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.32	614.01	0.00	0.	792.	205.	218.	613.80	616.20

11622.00	8.83	614.23	0.00	0.00	614.32	0.09	0.31	0.00	616.30
792.	0.	792.	0.	0.	323.	0.	151.	85.	614.90
1.36	0.00	2.45	0.00	0.000	0.026	0.000	0.000	605.40	503.83
0.000174	63.	63.	63.	2	0	0	0.00	49.65	553.48

CCHV= 0.100 CEHV= 0.300
*SECNO 11671.000

3265 DIVIDED FLOW

UPSTREAM OF SB TELEGRAPH RD.

11671.00	9.08	614.28	0.00	0.00	614.34	0.06	0.02	0.00	613.60
792.	0.	0.	792.	0.	0.	415.	152.	85.	668.00
1.37	0.00	0.00	1.91	0.300	0.000	0.070	0.000	605.20	371.64
0.000761	49.	49.	49.	2	0	0	0.00	165.08	610.77

*SECNO 12346.000
3280 CROSS SECTION 12346.00 EXTENDED 0.17 FEET

DOWNSTREAM OF FARM BRIDGE

12346.00	7.97	614.67	0.00	0.00	614.72	0.05	0.38	0.00	612.80
792.	409.	383.	0.	636.	160.	0.	161.	91.	614.90
1.49	0.64	2.39	0.00	0.070	0.035	0.000	0.000	606.70	0.00
0.000428	675.	675.	675.	2		0	0.00	532.60	532.60

*SECNO 12395.000
3280 CROSS SECTION 12395.00 EXTENDED 0.50 FEET

12395.00	9.09	614.69	0.00	0.00	614.74	0.05	0.02	0.00	614.20
792.	351.	439.	2.	596.	191.	11.	162.	91.	614.00
1.50	0.59	2.30	0.19	0.070	0.035	0.070	0.000	605.60	0.00
0.000340	49.	49.	49.	1	2	0	0.00	464.06	464.06

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 12397.000
3280 CROSS SECTION 12397.00 EXTENDED 0.53 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 614.20

12397.00	9.13	614.73	0.00	0.00	614.75	0.02	0.00	0.01	614.20
792.	546.	243.	4.	608.	157.	12.	162.	91.	614.00
1.50	0.90	1.55	0.30	0.070	0.035	0.070	0.000	605.60	0.00
0.000774	2.	2.	2.	2	0	0	-35.30	465.46	465.46

*SECNO 12403.000
3280 CROSS SECTION 12403.00 EXTENDED 0.53 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 612.80

12403.00	9.13	614.73	0.00	0.00	614.75	0.02	0.00	0.00	614.20
792.	546.	242.	4.	609.	157.	12.	162.	91.	614.00
1.50	0.90	1.55	0.30	0.070	0.035	0.070	0.000	605.60	0.00
0.000770	6.	6.	6.	0	0	0	-35.30	465.61	465.61

CCHV= 0.100 CEHV= 0.300
*SECNO 12405.000
3280 CROSS SECTION 12405.00 EXTENDED 0.52 FEET

12405.00	9.11	614.71	0.00	0.00	614.76	0.05	0.00	0.01	614.20
792.	355.	435.	2.	607.	192.	12.	162.	91.	614.00
1.51	0.58	2.27	0.20	0.070	0.035	0.070	0.000	605.60	0.00
0.000329	2.	2.	2.	1	0	0	0.00	465.32	465.32

*SECNO 12454.000
3280 CROSS SECTION 12454.00 EXTENDED 0.24 FEET

UPSTREAM OF FARM BRIDGE

12454.00	8.04	614.74	0.00	0.00	614.78	0.04	0.02	0.00	612.80
792.	418.	374.	0.	670.	163.	0.	163.	92.	614.90
1.51	0.62	2.30	0.00	0.070	0.035	0.000	0.000	606.70	0.00
0.000391	49.	49.	49.	0	0	0	0.00	532.72	532.72

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 14585.000									
DOWNSTREAM OF WESTLAKE RD.									
14585.00	9.14	616.04	0.00	0.00	616.33	0.29	1.48	0.07	615.80
792.	0.	792.	0.	1.	185.	0.	188.	106.	616.20
1.65	0.21	4.29	0.00	0.070	0.035	0.000	0.000	606.90	489.49
0.001556	2131.	2131.	2131.	2	0	0	0.00	48.19	537.68
CCHV= 0.300 CEHV= 0.500									
*SECNO 14634.000									
14634.00	10.28	616.18	0.00	0.00	616.37	0.19	0.01	0.03	616.00
792.	0.	790.	1.	3.	226.	23.	188.	106.	616.00
1.66	0.05	3.50	0.06	0.070	0.013	0.070	0.000	605.90	369.65
0.000121	49.	49.	49.	2	0	0	0.00	256.37	626.02

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	76.00	0.00	605.90	605.90

*SECNO 14672.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
618.81	616.37	0.00	472.	322.	76.	94.	613.70	616.00

14672.00	10.55	616.45	0.00	0.00	616.62	0.17	0.25	0.00	616.00
792.	2.	782.	8.	24.	237.	78.	188.	107.	616.00
1.66	0.08	3.30	0.11	0.070	0.013	0.070	0.000	605.90	278.34
0.000100	38.	38.	38.	2	0	5	0.00	386.18	664.52
CCHV= 0.100 CEHV= 0.300									
*SECNO 14721.000									
UPSTREAM OF WESTLAKE RD.									
14721.00	9.52	616.42	0.00	0.00	616.65	0.23	0.01	0.02	615.80
792.	0.	0.	792.	0.	0.	208.	189.	107.	670.20
1.66	0.00	0.00	3.81	0.000	0.000	0.070	0.000	606.90	473.98
0.003215	49.	49.	49.	2	0	0	0.00	72.36	546.34

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 17010.000									
DOWNSTREAM OF BEECH DALY RD.									
17010.00	9.92	619.22	0.00	0.00	619.38	0.16	2.72	0.01	617.90
792.	6.	756.	30.	16.	228.	58.	202.	112.	617.10
1.86	0.40	3.31	0.52	0.070	0.035	0.070	0.000	609.30	475.68
0.000614	2289.	2289.	2289.	2	0	0	0.00	129.66	605.34
CCHV= 0.300 CEHV= 0.500									
*SECNO 17059.000									
3265 DIVIDED FLOW									
17059.00	9.63	619.23	0.00	0.00	619.42	0.19	0.03	0.02	610.80
792.	119.	580.	93.	86.	143.	86.	203.	112.	610.80
1.87	1.39	4.07	1.08	0.060	0.035	0.070	0.000	609.60	296.45
0.000514	49.	49.	49.	2	0	0	0.00	70.07	461.05
SPECIAL BRIDGE									

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.20	2.63	0.00	15.00	0.00	80.00	0.00	609.60	609.60

*SECNO 17239.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
624.10	619.42	0.00	417.	375.	80.	107.	616.70	619.90

17239.00	10.61	620.21	0.00	0.00	620.32	0.12	0.90	0.00	610.80
792.	171.	522.	100.	251.	157.	111.	204.	113.	610.80
1.89	0.68	3.32	0.90	0.060	0.035	0.070	0.000	609.60	96.90
0.000300	180.	180.	180.	2	0	6	0.00	367.45	464.35

CCHV= 0.100 CEHV= 0.300
*SECNO 17288.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

UPSTREAM OF BEECH DALY RD.

17288.00	10.95	620.25	0.00	0.00	620.34	0.09	0.01	0.00	617.90
792.	25.	689.	77.	82.	266.	143.	205.	113.	617.10
1.89	0.31	2.60	0.54	0.070	0.035	0.070	0.000	609.30	75.26
0.000309	49.	49.	49.	2	0	0	0.00	324.15	631.19

*SECNO 18250.000

DOWNSTREAM OF BACKYARD BRIDGE

18250.00	8.55	620.55	0.00	0.00	620.58	0.03	0.23	0.01	617.60
792.	266.	425.	102.	613.	214.	194.	222.	123.	617.80
2.10	0.43	1.98	0.52	0.070	0.035	0.070	0.000	612.00	63.99
0.000198	962.	962.	962.	0	0	0	0.00	573.75	642.74

*SECNO 18299.000

3265 DIVIDED FLOW

3280 CROSS SECTION 18299.00 EXTENDED 0.76 FEET

18299.00	9.96	620.56	0.00	0.00	620.59	0.02	0.01	0.00	619.20
792.	213.	558.	21.	611.	390.	91.	223.	124.	618.40
2.12	0.35	1.43	0.24	0.070	0.035	0.070	0.000	610.60	0.00
0.000116	49.	49.	49.	0	0	0	0.00	609.41	611.53

CCHV= 0.300 CEHV= 0.500

*SECNO 18301.000

3265 DIVIDED FLOW

3280 CROSS SECTION 18301.00 EXTENDED 0.77 FEET

3370 NORMAL BRIDGE NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 619.20

18301.00	9.98	620.58	0.00	0.00	620.59	0.01	0.00	0.00	619.20
792.	369.	386.	37.	616.	348.	93.	223.	124.	618.40
2.12	0.60	1.11	0.46	0.070	0.035	0.070	0.000	610.60	0.00
0.000340	2.	2.	2.	1	0	0	-42.75	613.09	614.47

*SECNO 18307.000

3265 DIVIDED FLOW

3280 CROSS SECTION 18307.00 EXTENDED 0.78 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 616.60									
18307.00	9.98	620.58	0.00	0.00	620.59	0.01	0.00	0.00	619.20
792.	369.	385.	38.	620.	349.	94.	223.	124.	618.40
2.12	0.60	1.10	0.40	0.070	0.035	0.070	0.000	610.60	0.00
0.000336	6.	6.	6.	0	0	0	-42.25	615.22	616.18
CCHV= 0.100 CEHV= 0.300									
*SECNO 18309.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 18309.00 EXTENDED 0.78 FEET									
18309.00	9.97	620.57	0.00	0.00	620.60	0.02	0.00	0.00	619.20
792.	215.	555.	22.	620.	392.	94.	223.	124.	618.40
2.12	0.35	1.42	0.23	0.070	0.035	0.070	0.000	610.60	0.00
0.000114	2.	2.	2.	0	0	0	0.00	615.60	616.48
*SECNO 18358.000									
UPSTREAM OF BACKYARD BRIDGE									
18358.00	8.57	620.57	0.00	0.00	620.61	0.03	0.01	0.00	617.60
792.	270.	420.	102.	631.	216.	198.	224.	125.	617.80
2.13	0.43	1.95	0.52	0.070	0.035	0.070	0.000	612.00	61.32
0.000189	49.	49.	49.	1	0	0	0.00	583.24	644.56
*SECNO 18630.000									
DOWNSTREAM OF CONTINENTAL DR.									
18630.00	10.01	620.61	0.00	0.00	620.68	0.07	0.07	0.01	621.10
792.	0.	792.	0.	0.	374.	2.	229.	127.	620.00
2.17	0.00	2.12	0.17	0.000	0.035	0.070	0.000	610.60	502.12
0.000315	272.	272.	272.	0	0	0	0.00	81.16	583.28
*SECNO 18679.000									
3265 DIVIDED FLOW									
18679.00	9.80	620.60	0.00	0.00	620.72	0.12	0.02	0.02	621.30
792.	8.	784.	0.	41.	276.	0.	229.	127.	621.10
2.17	0.19	2.84	0.00	0.070	0.035	0.000	0.000	610.80	180.93
0.000526	49.	49.	49.	2	0	0	0.00	230.01	452.41

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 18681.000

3255 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 621.30

18681.00	9.78	620.58	0.00	0.00	620.74	0.16	0.00	0.02	621.30
792.	10.	782.	0.	40.	239.	0.	229.	127.	621.10
2.17	0.26	3.27	0.00	0.070	0.026	0.000	0.000	610.80	182.64
0.000993	2.	2.	2.	1	0	0	-35.94	227.80	452.40

*SECNO 18717.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 619.60

18717.00	9.81	620.61	0.00	0.00	620.78	0.16	0.04	0.00	621.30
792.	12.	780.	0.	43.	239.	0.	229.	127.	621.10
2.17	0.27	3.26	0.00	0.070	0.026	0.000	0.000	610.80	179.10
0.000993	36.	36.	36.	0	0	0	-36.69	232.40	452.42

CCHV= 0.100 CEHV= 0.300
*SECNO 18719.000

3265 DIVIDED FLOW

18719.00	9.86	620.66	0.00	0.00	620.78	0.12	0.00	0.00	621.30
792.	12.	780.	0.	54.	279.	0.	229.	127.	621.10
2.17	0.22	2.80	0.00	0.070	0.035	0.000	0.000	610.80	167.46
0.000504	2.	2.	2.	2	0	0	0.00	247.53	452.49

*SECNO 18768.000
UPSTREAM OF CONTINENTAL DR.

18768.00	10.16	620.76	0.00	0.00	620.82	0.06	0.03	0.01	621.10
792.	0.	0.	792.	0.	0.	387.	230.	128.	673.00
2.18	0.00	0.00	2.05	0.000	0.000	0.070	0.000	610.60	501.50
0.000972	49.	49.	49.	2	0	0	0.00	82.98	584.48

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 19845.000									
DOWNSTREAM OF HOLLAND RD.									
19845.00	9.17	621.67	0.00	0.00	621.79	0.13	0.95	0.02	621.50
792.	128.	610.	54.	193.	189.	91.	240.	133.	619.80
2.29	0.66	3.23	0.60	0.070	0.035	0.070	0.000	612.50	316.71
0.000809	1077.	1077.	1077.	2	0	0	0.00	346.53	663.24
CCHV= 0.300 CEHV= 0.500									
*SECNO 19894.000									
3265 DIVIDED FLOW									
19894.00	8.65	621.65	0.00	0.00	621.91	0.26	0.05	0.07	623.50
792.	68.	724.	0.	97.	168.	0.	241.	133.	623.60
2.30	0.70	4.30	0.00	0.070	0.035	0.000	0.000	613.00	308.36
0.001425	49.	49.	49.	2	0	0	0.00	149.49	534.25
SPECIAL BRIDGE									
SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.58	2.63	0.00	14.00	0.00	99.00	0.00	613.00	613.00
*SECNO 20007.000									
6070/LOW FLOW BY NORMAL BRIDGE									
EGPRS= 0.000 EGLWC= 621.912 ELLC= 622.000 PCWSE= 621.649 ELTRD= 623.500									
3265 DIVIDED FLOW									
3301 HV CHANGED MORE THAN HVINS									
3370 NORMAL BRIDGE/NRD= 21 MIN ELTRD= 623.50 MAX ELLC= 622.00									
20007.00	8.57	621.57	617.95	0.00	622.66	1.09	0.33	0.41	623.50
792.	0.	792.	0.	0.	95.	0.	241.	134.	623.60
2.30	0.00	8.36	0.00	0.000	0.035	0.000	0.000	613.00	312.96
0.009191	113.	113.	113.	4	15	0	-158.46	143.35	534.09

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 20056.000

3301 HV CHANGED MORE THAN HVINS

UPSTREAM OF HOLLAND RD.

20056.00	10.26	622.76	0.00	0.00	622.79	0.03	0.03	0.11	621.50
792.	214.	439.	139.	424.	229.	349.	242.	134.	619.80
2.31	0.50	1.92	0.40	0.070	0.035	0.070	0.000	612.50	262.01
0.000219	49.	49.	49.	3	0	0	0.00	607.98	869.98

*SECNO 21606.000
3280 CROSS SECTION 21606.00 EXTENDED 0.15 FEET

DOWNSTREAM OF FARM BRIDGE

21606.00	8.35	623.15	0.00	0.00	623.20	0.05	0.40	0.01	621.80
611.	180.	425.	6.	446.	195.	20.	271.	155.	621.80
2.57	0.40	2.18	0.29	0.070	0.035	0.070	0.000	614.80	0.00
0.000324	1550.	1550.	1550.	4	0	0	0.00	566.26	566.26

*SECNO 21655.000

21655.00	7.40	623.20	0.00	0.00	623.21	0.01	0.01	0.00	622.60
365.	188.	176.	1.	564.	159.	10.	272.	155.	622.50
2.59	0.33	1.11	0.12	0.070	0.035	0.070	0.000	615.80	22.87
0.000121	49.	49.	49.	2	0	0	0.00	444.17	467.04

CCHV= 0.300 CEHV= 0.500
*SECNO 21657.000

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 621.10 MAX ELLC= 621.80

21657.00	7.40	623.20	0.00	0.00	623.21	0.01	0.00	0.00	622.60
365.	278.	85.	2.	555.	50.	10.	272.	155.	622.50
2.59	0.49	1.71	0.17	0.070	0.013	0.070	0.000	615.80	22.84
0.000264	2.	2.	2.	0	0	0	-109.00	444.22	467.06

*SECNO 21680.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRITWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 622.60 MAX ELLC= 621.80									
21680.00	7.41	623.21	0.00	0.00	623.22	0.01	0.01	0.00	622.60
365.	278.	85.	2.	566.	50.	10.	273.	156.	622.50
2.60	0.49	1.71	0.17	0.070	0.013	0.070	0.000	615.80	22.64
0.000263	23.	23.	23.	0	0	0	-109.00	444.53	467.17
CCHV= 0.100 CEHV= 0.300									
*SECNO 21682.000									
21682.00	7.41	623.21	0.00	0.00	623.22	0.01	0.00	0.00	622.60
365.	188.	176.	1.	566.	159.	10.	273.	156.	622.50
2.60	0.33	1.11	0.12	0.070	0.035	0.070	0.000	615.80	22.47
0.000120	2.	2.	2.	0	0	0	0.00	444.79	467.26
*SECNO 21731.000									
3280 CROSS SECTION 21731.00 EXTENDED 0.22 FEET									
UPSTREAM OF FARM BRIDGE									
21731.00	8.41	623.21	0.00	0.00	623.23	0.02	0.01	0.00	621.80
365.	115.	247.	4.	483.	198.	22.	273.	156.	621.80
2.62	0.24	1.25	0.17	0.070	0.035	0.070	0.000	614.30	0.00
0.000104	49.	49.	49.	0	0	0	0.00	567.89	567.89
*SECNO 23500.000									
DOWNSTREAM OF INKSTER RD									
23500.00	6.31	623.51	0.00	0.00	623.58	0.07	0.33	0.02	622.50
365.	9.	336.	19.	34.	153.	69.	293.	173.	622.50
2.86	0.28	2.20	0.28	0.070	0.035	0.070	0.000	617.20	432.85
0.000433	1769.	1769.	1769.	2	0	0	0.00	240.96	673.81

PRINTED IN U.S.A.

THIS RUN EXECUTED 21 AUG 84 9:02:06

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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**********************************************

I1              CITY OF TAYLOR FLOOD INSURANCE STUDY
I2              SEXTON KILFOIL DRAIN
I3              50-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
        0.       3.         0.         0.  0.000000       0.00       0.0         0.    601.600      0.000

J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE
    2.000      0.000     -1.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 200.000

UPSTREAM OF ALLEN RD.

200.00	10.20	601.60	0.00	601.60	601.84	0.24	0.00	0.00	599.00
1129.	62.	1019.	49.	80.	245.	75.	0.	0.	599.90
0.00	0.77	4.16	0.65	0.070	0.035	0.070	0.000	591.40	525.00
0.000851	0.	0.	0.	0	0	0	0.00	194.62	719.62

*SECNO 650.000

DOWNSTREAM OF PRIVATE BRIDGE

650.00	10.03	602.03	0.00	0.00	602.21	0.18	0.36	0.01	599.70
1129.	164.	965.	1.	216.	265.	3.	5.	2.	601.60
0.04	0.76	3.65	0.21	0.070	0.035	0.070	0.000	592.00	313.77
0.000767	450.	450.	450.	2	0	0	0.00	243.81	557.59

CCHV= 0.300 CEHV= 0.500

*SECNO 699.000

699.00	9.81	602.01	0.00	0.00	602.33	0.32	0.05	0.07	601.40
1129.	10.	1118.	1.	24.	244.	3.	5.	2.	601.60
0.04	0.42	4.59	0.32	0.060	0.035	0.060	0.000	592.20	411.46
0.001368	49.	49.	49.	2	0	0	0.00	139.48	550.95

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	84.00	0.00	592.20	592.20

*SECNO 714.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
606.39	602.33	0.00	658.	481.	84.	94.	600.00	601.10

714.00	10.37	602.57	0.00	0.00	602.80	0.23	0.47	0.00	601.40
1129.	55.	1065.	9.	96.	268.	19.	5.	3.	601.60
0.04	0.57	3.97	0.46	0.060	0.035	0.060	0.000	592.20	305.54
0.000901	15.	15.	15.	2	0	5	0.00	268.57	574.11

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 763.000									
UPSTREAM OF PRIVATE BRIDGE									
763.00	10.75	602.75	0.00	0.00	602.85	0.09	0.03	0.01	599.70
1129.	292.	830.	7.	415.	296.	21.	6.	3.	601.60
0.05	0.70	2.80	0.34	0.060	0.035	0.060	0.000	592.00	46.35
0.000390	49.	49.	49.	2	0	0	0.00	533.70	580.05
*SECNO 1313.000									
DOWNSTREAM OF D.T.I.RR.									
1313.00	9.59	602.99	0.00	0.00	603.08	0.09	0.23	0.00	600.10
1129.	340.	668.	121.	489.	222.	195.	16.	10.	601.20
0.12	0.70	3.01	0.62	0.060	0.035	0.060	0.000	593.40	101.52
0.000454	550.	550.	550.	2	0	0	0.00	597.88	699.40
CCHV= 0.300 CEHV= 0.500									
*SECNO 1362.000									
1362.00	8.82	602.82	0.00	0.00	603.33	0.51	0.04	0.21	606.20
1129.	0.	1129.	0.	0.	198.	1.	17.	10.	602.50
0.13	0.00	5.71	0.33	0.000	0.035	0.060	0.000	594.00	202.41
0.002005	49.	49.	49.	2	0	0	0.00	31.32	233.73

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	21.00	1.50	127.00	0.00	594.40	594.40

*SECNO 1399.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.74	603.38	0.07	0.	1129.	127.	123.	600.70	606.80

1399.00	10.41	604.41	0.00	0.00	604.74	0.32	1.41	0.00	606.20
1129.	0.	1112.	17.	0.	242.	21.	17.	11.	602.50
0.13	0.00	4.59	0.78	0.000	0.035	0.060	0.000	594.00	201.28
0.001053	37.	37.	37.	2	0	0	0.00	50.97	252.25

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1448.000
3280 CROSS SECTION 1448.00 EXTENDED 1.33 FEET

UPSTREAM OF D.T.I.RR.

1448.00	11.43	604.83	0.00	0.00	604.84	0.01	0.01	0.09	600.10
1129.	563.	363.	203.	1406.	281.	503.	18.	11.	601.20
0.15	0.40	1.29	0.40	0.060	0.035	0.060	0.000	593.40	0.00
0.000061	49.	49.	49.	2	0	0	0.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1998.000
3280 CROSS SECTION 1998.00 EXTENDED 1.36 FEET

DOWNSTREAM OF RET. POND SERVICE RD.

1998.00	10.86	604.86	0.00	0.00	604.88	0.01	0.04	0.00	600.20
1129.	539.	391.	199.	1004.	273.	536.	44.	19.	601.40
0.33	0.54	1.43	0.37	0.060	0.035	0.060	0.000	594.00	0.00
0.000084	550.	550.	550.	2	0	0	0.00	600.00	600.00

*SECNO 2047.000
3280 CROSS SECTION 2047.00 EXTENDED 2.36 FEET

2047.00	11.05	604.85	0.00	0.00	604.89	0.04	0.01	0.01	603.60
1129.	68.	648.	413.	222.	301.	652.	45.	20.	603.50
0.34	0.31	2.15	0.63	0.060	0.035	0.060	0.000	593.80	0.00
0.000197	49.	49.	49.	1	0	0	0.00	600.00	600.00

CCHV= 0.300 CEHV= 0.500
*SECNO 2049.000
3280 CROSS SECTION 2049.00 EXTENDED 2.38 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 602.90 MAX ELLC= 602.50

2049.00	11.08	604.88	0.00	0.00	604.90	0.02	0.00	0.01	603.60
1129.	122.	286.	721.	229.	201.	657.	45.	20.	603.50
0.34	0.53	1.42	1.10	0.070	0.045	0.070	0.000	593.80	0.00
0.000792	2.	2.	2.	2	0	0	-100.45	600.00	600.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	BL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2076.000
3280 CROSS SECTION 2076.00 EXTENDED 2.39 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 603.50 MAX ELLC= 600.60

2076.00	11.10	604.90	0.00	0.00	604.92	0.02	0.02	0.00	603.60
1129.	124.	284.	721.	233.	202.	661.	46.	20.	603.50
0.35	0.53	1.41	1.09	0.070	0.045	0.070	0.000	593.80	0.00
0.000777	27.	27.	27.	0	0	0	-100.45	600.00	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2078.000
3280 CROSS SECTION 2078.00 EXTENDED 2.38 FEET

2078.00	11.08	604.88	0.00	0.00	604.93	0.05	0.00	0.01	603.60
1129.	64.	686.	379.	229.	302.	658.	46.	20.	603.50
0.35	0.28	2.27	0.58	0.070	0.035	0.070	0.000	593.80	0.00
0.000218	2.	2.	2.	2	0	0	0.00	600.00	600.00

*SECNO 2127.000
3280 CROSS SECTION 2127.00 EXTENDED 1.44 FEET

UPSTREAM OF RET. POND SERVICE RD.

2127.00	10.94	604.94	0.00	0.00	604.94	0.01	0.01	0.00	600.20
1129.	0.	0.	1129.	0.	0.	1857.	48.	21.	654.20
0.37	0.00	0.00	0.61	0.000	0.000	0.070	0.000	594.00	0.00
0.000142	49.	49.	49.	2	0	0	0.00	600.00	600.00

*SECNO 2477.000
3280 CROSS SECTION 2477.00 EXTENDED 0.95 FEET

DOWNSTREAM OF WALK BRIDGE

2477.00	13.25	604.95	0.00	0.00	605.01	0.06	0.05	0.02	602.10
1080.	58.	880.	142.	145.	407.	383.	59.	25.	601.60
0.43	0.40	2.17	0.37	0.070	0.035	0.070	0.000	591.70	310.68
0.000149	350.	350.	350.	2	0	0	0.00	389.32	700.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 2526.000									
2526.00	9.60	604.70	0.00	0.00	605.15	0.45	0.02	0.12	603.60
1080.	40.	927.	112.	48.	160.	139.	60.	25.	603.80
0.43	0.85	5.80	0.81	0.070	0.035	0.070	0.000	595.10	119.16
0.002556	49.	49.	49.	2	0	0	0.00	343.98	463.15
CCHV= 0.300 CEHV= 0.500									
*SECNO 2528.000									
3280 CROSS SECTION 2528.00 EXTENDED 0.02 FEET									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.80									
2528.00	9.92	605.02	0.00	0.00	605.23	0.21	0.01	0.07	603.60
1080.	98.	697.	285.	76.	157.	219.	60.	25.	603.80
0.43	1.29	4.45	1.30	0.070	0.035	0.070	0.000	595.10	98.07
0.004326	2.	2.	2.	5	0	0	-11.97	401.93	500.00
*SECNO 2532.000									
3280 CROSS SECTION 2532.00 EXTENDED 0.04 FEET									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.30									
2532.00	9.95	605.05	0.00	0.00	605.25	0.20	0.02	0.00	603.60
1080.	100.	690.	290.	78.	157.	224.	60.	25.	603.80
0.43	1.28	4.39	1.30	0.070	0.035	0.070	0.000	595.10	96.23
0.004191	4.	4.	4.	1	0	0	-11.97	403.77	500.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 2534.000									
2534.00	9.87	604.97	0.00	0.00	605.29	0.32	0.01	0.04	603.60
1080.	59.	852.	169.	71.	167.	205.	60.	25.	603.80
0.43	0.82	5.10	0.83	0.070	0.035	0.070	0.000	595.10	102.16
0.001860	2.	2.	2.	2	0	0	0.00	393.69	495.85
*SECNO 2583.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3280 CROSS SECTION 2583.00 EXTENDED 1.28 FEET

UPSTREAM OF WALK BRIDGE

2583.00	13.58	605.28	0.00	0.00	605.33	0.05	0.02	0.03	602.10
1080.	71.	336.	173.	208.	420.	469.	61.	26.	601.60
0.44	0.34	1.99	0.37	0.070	0.035	0.070	0.000	591.70	0.00
0.000121	49.	49.	49.	2	0	0	0.00	525.29	700.00

*SECNO 2633.000

DOWNSTREAM OF MORTONVIEW DR.

2633.00	9.74	605.14	0.00	0.00	605.41	0.27	0.01	0.07	603.70
1080.	14.	996.	70.	27.	230.	86.	61.	26.	602.40
0.44	0.52	4.32	0.81	0.070	0.035	0.070	0.000	595.40	362.10
0.000925	50.	50.	50.	2	0	0	0.00	146.75	508.84

*SECNO 2682.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2682.00 EXTENDED 0.29 FEET

2682.00	9.69	605.29	0.00	0.00	605.45	0.16	0.03	0.01	605.60
1080.	0.	1079.	1.	0.	335.	8.	62.	26.	605.40
0.45	0.00	3.22	0.13	0.000	0.035	0.070	0.000	595.60	300.18
0.000492	49.	49.	49.	2	0	0	0.00	102.66	600.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2684.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2684.00 EXTENDED 0.22 FEET

3370 NORMAL BRIDGE, NRD= 8 MIN ELTRD= 605.50 MAX ELLC= 602.10

2684.00	9.62	605.22	0.00	0.00	605.52	0.30	0.00	0.07	605.60
1080.	0.	1079.	1.	0.	246.	5.	62.	26.	605.40
0.45	0.00	4.39	0.28	0.000	0.035	0.070	0.000	595.60	300.21
0.003190	2.	2.	2.	2	0	0	-86.38	89.08	600.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2725.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2725.00 EXTENDED 0.30 FEET

3370 NORMAL BRIDGE, NRD= 0 MIN ELTRD= 605.40 MAX ELLC= 602.10

2725.00	9.71	605.31	0.00	0.00	605.75	0.44	0.16	0.07	605.60
1080.	0.	1080.	0.	0.	203.	0.	62.	27.	605.40
0.45	0.00	5.32	0.00	0.000	0.035	0.000	0.000	595.60	300.17
0.004756	41.	41.	41.	1	0	0	-141.80	105.64	600.00

CCHV= 0.100 CEHV= 0.300

*SECNO 2727.000

3280 CROSS SECTION 2727.00 EXTENDED 0.64 FEET

2727.00	10.04	605.64	0.00	0.00	605.78	0.14	0.00	0.03	605.60
1080.	0.	1067.	13.	0.	351.	68.	62.	27.	605.40
0.45	0.00	3.04	0.19	0.070	0.035	0.070	0.000	595.60	296.21
0.000419	2.	2.	2.	2	0	0	0.00	303.79	600.00

*SECNO 2826.000

UPSTREAM OF MORTONVIEW DR.

2826.00	10.25	605.65	0.00	0.00	605.85	0.20	0.05	0.02	603.70
1080.	27.	948.	105.	50.	247.	140.	63.	27.	602.40
0.46	0.55	3.83	0.75	0.070	0.035	0.070	0.000	595.40	349.13
0.000663	99.	99.	99.	2	0	0	0.00	220.96	570.08

*SECNO 3551.000

3280 CROSS SECTION 3551.00 EXTENDED 0.16 FEET

DOWNSTREAM OF BARAGA RD.

3551.00	9.36	606.16	0.00	0.00	606.24	0.08	0.38	0.01	604.20
1080.	225.	722.	132.	417.	260.	260.	74.	34.	603.80
0.56	0.54	2.78	0.51	0.070	0.035	0.070	0.000	596.80	48.79
0.000417	725.	725.	725.	2	0	0	0.00	651.21	700.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3600.000
3280 CROSS SECTION 3600.00 EXTENDED 0.18 FEET

3600.00	9.68	606.18	0.00	0.00	606.26	0.08	0.02	0.00	603.60
1080.	297.	633.	149.	438.	216.	293.	76.	35.	603.60
0.56	0.68	2.93	0.51	0.070	0.035	0.070	0.000	596.50	0.00
0.000548	49.	49.	49.	0	0	0	0.00	700.00	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3602.000
3280 CROSS SECTION 3602.00 EXTENDED 0.13 FEET

3370 NORMAL BRIDGE,NRD= 29 MIN ELTRD= 604.40 MAX ELLC= 605.00

3602.00	9.62	606.12	0.00	0.00	606.32	0.20	0.00	0.06	603.60
1080.	369.	553.	158.	398.	112.	246.	76.	35.	603.60
0.56	0.93	4.93	0.64	0.070	0.013	0.070	0.000	596.50	0.00
0.001191	2.	2.	2.	2	0	0	-149.51	700.00	700.00

*SECNO 3634.000
3280 CROSS SECTION 3634.00 EXTENDED 0.19 FEET

3370 NORMAL BRIDGE,NRD= 29 MIN ELTRD= 604.50 MAX ELLC= 602.50

3634.00	9.69	606.19	0.00	0.00	606.37	0.17	0.04	0.01	603.60
1080.	375.	535.	170.	418.	114.	272.	76.	36.	603.60
0.57	0.90	4.68	0.63	0.070	0.013	0.070	0.000	596.50	0.00
0.001048	32.	32.	32.	2	0	0	-149.51	700.00	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 3636.000
3280 CROSS SECTION 3636.00 EXTENDED 0.31 FEET

3636.00	9.81	606.31	0.00	0.00	606.38	0.07	0.00	0.01	603.60
1080.	312.	599.	169.	476.	220.	341.	76.	36.	603.60
0.57	0.65	2.73	0.50	0.070	0.035	0.070	0.000	596.50	0.00
0.000463	2.	2.	2.	2	0	0	0.00	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3685.000
3280 CROSS SECTION 3685.00 EXTENDED 0.34 FEET

UPSTREAM OF BARAGA RD.

3685.00	9.53	606.33	0.00	0.00	606.40	0.06	0.02	0.00	604.20
1080.	250.	680.	150.	484.	268.	307.	77.	37.	603.80
0.57	0.52	2.54	0.49	0.070	0.035	0.070	0.000	596.80	22.55
0.000336	49.	49.	49.	1	0	0	0.00	677.45	700.00

*SECNO 4480.000
DOWNSTREAM OF WILLIAMS RD.

4480.00	9.02	606.62	0.00	0.00	606.70	0.09	0.30	0.01	604.10
1080.	82.	742.	256.	147.	259.	346.	94.	46.	603.40
0.67	0.56	2.86	0.74	0.070	0.035	0.070	0.000	597.60	273.26
0.000423	795.	795.	795.	2	0	0	0.00	352.37	625.63

CCHV= 0.300 CEHV= 0.500
*SECNO 4529.000

4529.00	8.98	606.48	0.00	0.00	606.88	0.40	0.02	0.15	605.80
1080.	9.	1052.	19.	41.	205.	75.	94.	46.	605.80
0.68	0.23	5.14	0.25	0.070	0.013	0.070	0.000	597.50	191.03
0.000359	49.	49.	49.	2	0	0	0.00	315.71	506.73

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	85.00	0.00	597.50	597.50

*SECNO 4567.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
610.39	606.88	0.00	712.	371.	85.	110.	603.60	605.40

4567.00	9.06	606.56	0.00	0.00	606.94	0.38	0.06	0.00	605.80
1080.	12.	1045.	23.	50.	208.	90.	95.	47.	605.80
0.68	0.25	5.03	0.26	0.070	0.013	0.070	0.000	597.50	186.87
0.000337	38.	38.	38.	2	0	5	0.00	334.77	521.64

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 4616.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION	4616.00 EXTENDED		0.05 FEET						
	UPSTREAM OF WILLIAMS RD.								
4616.00	9.45	607.05	0.00	0.00	607.07	0.02	0.02	0.11	604.10
1080.	0.	0.	1080.	0.	0.	913.	95.	47.	657.00
0.69	0.00	0.00	1.18	0.000	0.000	0.070	0.000	597.60	0.00
0.000589	49.	49.	49.	2	0	0	0.00	393.06	643.70
CCHV= 0.100 CEHV= 0.300									
*SECNO 5486.000									
	DOWNSTREAM OF KATHERINE RD.								
5486.00	9.47	607.57	0.00	0.00	607.70	0.13	0.60	0.03	605.20
1080.	396.	674.	9.	550.	185.	27.	112.	57.	606.70
0.79	0.72	3.65	0.35	0.070	0.035	0.070	0.000	598.10	14.58
0.000815	870.	870.	870.	2	0	0	0.00	575.97	590.55
CCHV= 0.300 CEHV= 0.500									
*SECNO 5535.000									
3280 CROSS SECTION	5535.00 EXTENDED		1.04 FEET						
5535.00	9.54	607.54	0.00	0.00	607.76	0.23	0.02	0.05	606.60
1080.	112.	966.	2.	359.	240.	15.	113.	57.	607.00
0.79	0.31	4.03	0.12	0.070	0.013	0.070	0.000	598.00	0.00
0.000170	49.	49.	49.	2	0	0	0.00	403.63	403.63
SPECIAL BRIDGE									
SE XK	XKOR	COFQ	ROLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	19.00	0.00	84.00	0.00	598.30	598.30
*SECNO 5570.000									
6870 D.S. ENERGY OF 607.76 HIGHER THAN COMPUTED ENERGY OF 607.68									
3280 CROSS SECTION	5570.00 EXTENDED		1.04 FEET						

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.54	608.06	0.00	879.	201.	84.	110.	604.40	606.60
5570.00	9.54	607.54	0.00	0.00	607.76	0.23	0.00	0.00	606.60
1080.	112.	966.	2.	359.	240.	15.	113.	58.	607.00
0.79	0.31	4.03	0.12	0.070	0.013	0.070	0.000	598.00	0.00
0.000170	35.	35.	35.	2	0	5	0.00	403.83	403.83

CCHV= 0.100 CEHV= 0.300
*SECNO 5619.000
3280 CROSS SECTION 5619.00 EXTENDED 0.08 FEET

UPSTREAM OF KATHERINE RD.

5619.00	9.68	607.78	0.00	0.00	607.80	0.02	0.02	0.02	605.20
1080.	0.	0.	1080.	0.	0.	887.	114.	58.	657.70
0.80	0.00	0.00	1.22	0.000	0.000	0.070	0.000	598.10	0.00
0.001122	49.	49.	49.	2	0	0	0.00	603.16	603.16

*SECNO 6944.000

DOWNSTREAM OF PARDEE RD.

6944.00	9.42	608.82	0.00	0.00	608.98	0.16	1.14	0.04	606.30
1080.	166.	825.	89.	218.	224.	134.	137.	72.	606.70
0.93	0.76	3.69	0.66	0.070	0.035	0.070	0.000	599.40	345.41
0.000681	1325.	1325.	1325.	2	0	0	0.00	311.22	656.63

CCHV= 0.300 CEHV= 0.500
*SECNO 6993.000

6993.00	9.10	608.80	0.00	0.00	609.08	0.28	0.24	0.06	609.40
1080.	0.	1080.	0.	0.	253.	0.	137.	72.	609.30
0.93	0.00	4.27	0.00	0.000	0.035	0.000	0.000	599.70	400.85
0.001104	49.	49.	49.	2	0	0	0.00	39.78	440.62

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.09	2.63	0.00	25.00	0.00	128.00	0.00	600.00	600.00

*SECNO 7107.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.11	609.36	0.00	328.	755.	128.	180.	607.20	609.30

7107.00	10.03	609.73	0.00	0.00	609.93	0.20	0.85	0.00	609.40
1080.	2.	1053.	25.	11.	291.	76.	138.	73.	609.30
0.94	0.16	3.62	0.33	0.070	0.035	0.070	0.000	599.70	293.48
0.000691	114.	114.	114.	2	0	4	0.00	325.90	619.38

CCHV= 0.100 CEHV= 0.300
*SECNO 7156.000
UPSTREAM OF PARDEE RD.

7156.00	10.50	609.90	0.00	0.00	609.96	0.06	0.02	0.01	606.30
1080.	252.	663.	166.	408.	259.	300.	139.	73.	606.70
0.95	0.62	2.56	0.55	0.070	0.035	0.070	0.000	599.40	303.82
0.000268	49.	49.	49.	2	0	0	0.00	414.96	718.79

*SECNO 8835.000
DOWNSTREAM OF BIRCH RD.

8835.00	8.94	610.44	0.00	0.00	610.53	0.09	0.55	0.01	608.20
1080.	126.	693.	261.	231.	236.	354.	173.	89.	607.90
1.17	0.55	2.93	0.74	0.070	0.035	0.070	0.000	601.50	315.42
0.000417	1679.	1679.	1679.	2	0	0	0.00	394.77	710.18

*SECNO 8884.000

8884.00	8.83	610.43	0.00	0.00	610.57	0.14	0.03	0.02	609.50
1080.	217.	706.	158.	250.	192.	192.	174.	89.	609.50
1.17	0.87	3.68	0.82	0.070	0.035	0.070	0.000	601.60	188.37
0.001107	49.	49.	49.	2	0	0	0.00	408.34	596.72

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 8886.000

3370 NORMAL BRIDGE,NRD= 26 MIN ELTRD= 608.70 MAX ELLC= 615.00

8886.00	8.90	610.50	0.00	0.00	610.59	0.09	0.00	0.02	609.50
1080.	334.	390.	356.	266.	113.	204.	174.	89.	609.50
1.17	1.26	3.45	1.75	0.070	0.035	0.070	0.000	601.60	184.82
0.004736	2.	2.	2.	2	0	0	-80.83	415.35	600.18

*SECNO 8916.000

3370 NORMAL BRIDGE,NRD= 26 MIN ELTRD= 609.50 MAX ELLC= 608.60

8916.00	9.05	610.65	0.00	0.00	610.72	0.07	0.12	0.01	609.50
1080.	337.	366.	377.	298.	117.	229.	174.	89.	609.50
1.18	1.13	3.12	1.64	0.070	0.035	0.070	0.000	601.60	177.43
0.003678	30.	30.	30.	2	0	0	-80.83	430.13	607.57

CCHV= 0.100 CEHV= 0.300
*SECNO 8918.000

8918.00	9.03	610.63	0.00	0.00	610.74	0.11	0.00	0.01	609.50
1080.	243.	659.	179.	293.	198.	225.	174.	89.	609.50
1.18	0.83	3.33	0.79	0.070	0.035	0.070	0.000	601.60	178.59
0.000873	2.	2.	2.	2	0	0	0.00	427.83	606.41

*SECNO 8967.000
UPSTREAM OF BIRCH RD.

8967.00	9.20	610.70	0.00	0.00	610.77	0.07	0.02	0.00	608.20
1080.	147.	654.	279.	280.	245.	400.	175.	90.	607.90
1.18	0.53	2.67	0.70	0.070	0.035	0.070	0.000	601.50	300.19
0.000328	49.	49.	49.	2	0	0	0.00	414.96	715.15

*SECNO 9535.000
DOWNSTREAM OF OAK RD.

9535.00	8.77	610.87	0.00	0.00	611.11	0.24	0.30	0.05	607.80
1080.	133.	933.	15.	163.	219.	28.	184.	94.	609.40
1.22	0.82	4.25	0.52	0.070	0.035	0.070	0.000	602.10	318.51
0.000944	568.	568.	568.	2	0	0	0.00	271.55	590.06

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500

*SECNO 9584.000

9584.00	9.12	610.92	0.00	0.00	611.18	0.25	0.06	0.00	610.00
1080.	61.	943.	76.	90.	219.	109.	184.	95.	610.00
1.23	0.68	4.31	0.70	0.070	0.035	0.070	0.000	601.80	252.96
0.001538	49.	49.	49.	2	C	0	0.00	340.02	592.98

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	21.00	0.00	84.00	0.00	601.80	601.80

*SECNO 9616.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.93	611.18	0.00	793.	282.	84.	155.	609.20	610.00

9616.00	9.15	610.95	0.00	0.00	611.20	0.24	0.02	0.00	610.00
1080.	64.	936.	80.	95.	220.	114.	185.	95.	610.00
1.23	0.68	4.26	0.70	0.070	0.035	0.070	0.000	601.80	249.36
0.001486	32.	32.	32.	2	0	5	0.00	346.59	595.95

CCHV= 0.100 CEHV= 0.300

*SECNO 9665.000

UPSTREAM OF OAK RD.

9665.00	8.94	611.04	0.00	0.00	611.25	0.22	0.05	0.00	607.80
1080.	151.	909.	19.	194.	225.	38.	185.	95.	609.40
1.23	0.78	4.04	0.51	0.070	0.035	0.070	0.000	602.10	296.02
0.000826	49.	49.	49.	1	0	0	0.00	306.63	602.65

*SECNO 10320.000

DOWNSTREAM OF SYRACUSE RD.

10320.00	8.54	611.64	0.00	0.00	611.94	0.30	0.66	0.02	611.60
1080.	0.	1080.	0.	0.	248.	1.	191.	98.	611.40
1.28	0.01	4.36	0.18	0.070	0.035	0.070	0.000	603.10	497.09
0.001254	655.	655.	655.	2	0	0	0.00	60.99	553.08

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 10369.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10369.00 EXTENDED 0.10 FEET

10369.00	7.40	611.60	0.00	0.00	612.02	0.42	0.02	0.06	612.20
1080.	0.	1080.	0.	0.	209.	3.	191.	98.	612.80
1.28	0.00	5.18	0.05	0.000	0.013	0.070	0.000	604.20	400.85
0.000253	49.	49.	49.	2	0	0	0.00	95.73	600.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.63	0.00	20.00	0.00	78.00	0.00	604.20	604.20

*SECNO 10431.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10431.00 EXTENDED 1.13 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
617.38	612.02	0.00	570.	511.	78.	128.	610.60	612.20

10431.00	8.43	612.63	0.00	0.00	612.90	0.26	0.88	0.00	612.20
1080.	1.	1047.	32.	11.	250.	132.	191.	98.	612.80
1.28	0.12	4.19	0.24	0.070	0.013	0.070	0.000	604.20	363.40
0.000142	62.	62.	62.	2	0	6	0.00	228.78	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 10480.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 10480.00 EXTENDED 0.76 FEET

UPSTREAM OF SYRACUSE RD.

10480.00	9.66	612.76	0.00	0.00	612.92	0.16	0.01	0.01	611.60
1080.	24.	997.	59.	67.	299.	129.	192.	99.	611.40
1.29	0.36	3.33	0.46	0.070	0.035	0.070	0.000	603.10	291.57
0.000570	49.	49.	49.	2	0	0	0.00	382.26	700.00

*SECNO 11370.000

DOWNSTREAM AT NB TELEGRAPH RD.

11370.00	8.82	613.32	0.00	0.00	613.66	0.34	0.69	0.05	608.80
1080.	46.	1027.	7.	32.	215.	13.	199.	103.	611.90
1.34	1.43	4.78	0.56	0.070	0.035	0.070	0.000	604.50	498.87
0.001098	890.	890.	890.	2	0	0	0.00	62.39	561.26

CCHV= 0.300 CEHV= 0.500

*SECNO 11419.000

11419.00	8.44	613.44	0.00	0.00	613.72	0.28	0.04	0.02	614.80
1080.	0.	1080.	0.	0.	255.	0.	200.	103.	614.60
1.34	0.00	4.23	0.00	0.000	0.026	0.000	0.000	605.00	402.30
0.000604	49.	49.	49.	2	0	0	0.00	43.51	445.80

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.91	2.63	0.00	25.00	0.00	130.00	0.00	605.00	605.00

*SECNO 11480.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
615.49	613.72	0.00	91.	991.	130.	152.	611.10	614.60

11480.00	9.99	614.99	0.00	0.00	615.16	0.17	1.44	0.00	614.80
1080.	0.	1079.	1.	3.	326.	10.	200.	104.	614.60
1.35	0.08	3.31	0.12	0.070	0.026	0.070	0.000	605.00	368.25
0.000298	61.	61.	61.	2	0	4	0.00	130.49	498.74

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	VV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 11510.000

3265 DIVIDED FLOW

UPSTREAM OF NB TELEGRAPH RD.
DOWNSTREAM OF SB TELEGRAPH RD.

11510.00	9.89	615.09	0.00	0.00	615.18	0.08	0.01	0.01	613.60
1080.	26.	1030.	24.	106.	433.	79.	201.	104.	613.40
1.35	0.25	2.38	0.30	0.070	0.035	0.070	0.000	605.20	295.34
0.000251	30.	30.	30.	2	0	0	0.00	331.60	655.46

*SECNO 11510.000

3265 DIVIDED FLOW

11510.00	9.89	615.09	0.00	0.00	615.18	0.08	0.00	0.00	613.60
1080.	26.	1030.	24.	106.	433.	79.	201.	104.	613.40
1.35	0.25	2.38	0.30	0.070	0.035	0.070	0.000	605.20	295.35
0.000251	0.	0.	0.	0	0	0	0.00	331.60	655.46

CCHV= 0.300 CEHV= 0.500
*SECNO 11559.000

11559.00	9.68	615.08	0.00	0.00	615.21	0.13	0.01	0.03	616.30
1080.	0.	1080.	0.	0.	367.	2.	201.	104.	614.90
1.36	0.00	2.94	0.06	0.000	0.026	0.070	0.000	605.40	502.26
0.000227	49.	49.	49.	2	0	0	0.00	69.21	571.47

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	26.00	0.00	205.00	0.00	605.40	605.40

*SECNO 11622.000
PRESSURE FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
615.84	615.21	0.00	0.	1080.	205.	218.	613.80	616.20

11622.00	10.33	615.73	0.00	0.00	615.84	0.11	0.63	0.00	616.30
1080.	0.	1075.	5.	0.	401.	34.	202.	104.	614.90
1.36	0.00	2.68	0.16	0.000	0.026	0.070	0.000	605.40	501.05
0.000172	63.	63.	63.	2	0	0	0.00	133.85	634.90

CCHV= 0.100 CEHV= 0.300
*SECNO 11671.000

3265 DIVIDED FLOW

UPSTREAM OF SB TELEGRAPH RD.

11671.00	10.64	615.84	0.00	0.00	615.86	0.02	0.01	0.01	613.60
1080.	0.	0.	1080.	0.	0.	937.	202.	104.	668.00
1.38	0.00	0.00	1.15	0.000	0.000	0.070	0.000	605.20	257.82
0.000450	49.	49.	49.	2	0	0	0.00	593.72	868.73

*SECNO 12346.000
3280 CROSS SECTION 12346.00 EXTENDED 1.52 FEET

DOWNSTREAM OF FARM BRIDGE

12346.00	9.32	616.02	0.00	0.00	616.03	0.02	0.17	0.00	612.80
1080.	702.	347.	31.	1308.	205.	152.	223.	115.	614.90
1.58	0.54	1.70	0.21	0.070	0.035	0.070	0.000	606.70	0.00
0.000159	675.	675.	675.	2	0	0	0.00	800.00	800.00

*SECNO 12395.000

3265 DIVIDED FLOW

3230 CROSS SECTION 12395.00 EXTENDED 1.83 FEET

12395.00	10.42	616.02	0.00	0.00	616.04	0.02	0.01	0.00	614.20
1080.	627.	423.	29.	1128.	235.	105.	224.	116.	614.00
1.60	0.56	1.80	0.28	0.070	0.035	0.070	0.000	605.60	0.00
0.000159	49.	49.	49.	1	0	0	0.00	595.31	760.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 12397.000

3265 DIVIDED FLOW

3280 CROSS SECTION 12397.00 EXTENDED 1.83 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 614.20

12397.00	10.44	616.04	0.00	0.00	616.05	0.01	0.00	0.00	614.20
1080.	825.	216.	38.	1129.	199.	106.	224.	116.	614.00
1.60	0.73	1.08	0.36	0.070	0.035	0.070	0.000	605.60	0.00
0.000274	2.	2.	2.	1	0	0	-35.30	598.16	760.00

*SECNO 12403.000

3265 DIVIDED FLOW

3280 CROSS SECTION 12403.00 EXTENDED 1.84 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 612.80

12403.00	10.44	616.04	0.00	0.00	616.05	0.01	0.00	0.00	614.20
1080.	826.	216.	39.	1133.	200.	108.	225.	116.	614.00
1.60	0.73	1.08	0.36	0.070	0.035	0.070	0.000	605.60	0.00
0.000271	6.	6.	6.	0	0	0	-35.30	607.18	760.00

CCHV= 0.100 CEHV= 0.300
*SECNO 12405.000

3265 DIVIDED FLOW

3280 CROSS SECTION 12405.00 EXTENDED 1.84 FEET

12405.00	10.43	616.03	0.00	0.00	616.05	0.02	0.00	0.00	614.20
1080.	628.	422.	30.	1133.	235.	108.	225.	116.	614.00
1.60	0.55	1.80	0.27	0.070	0.035	0.070	0.000	605.60	0.00
0.000157	2.	2.	2.	0	0	0	0.00	608.11	760.00

PRINTED IN U.S.A

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLCBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 12454.000									
3280 CROSS SECTION 12454.00 EXTENDED 1.54 FEET									
UPSTREAM OF FARM BRIDGE									
12454.00	9.34	616.04	0.00	0.00	616.06	0.02	0.01	0.00	612.80
1080.	703.	345.	33.	1320.	205.	158.	226.	117.	614.90
1.62	0.53	1.68	0.21	0.070	0.035	0.070	0.000	606.70	0.00
0.000154	49.	49.	49.	0	0	0	0.00	800.00	800.00
*SECNO 14585.000									
DOWNSTREAM OF WESTLAKE RD.									
14585.00	9.67	616.57	0.00	0.00	616.99	0.43	0.81	0.12	615.80
1080.	6.	1073.	1.	12.	204.	3.	273.	139.	616.20
1.73	0.51	5.26	0.31	0.070	0.035	0.070	0.000	606.90	467.97
0.002062	2131.	2131.	2131.	2	0	0	0.00	83.72	551.69
CCHV= 0.300 CEHV= 0.500									
*SECNO 14634.000									
14634.00	10.91	616.81	0.00	0.00	617.06	0.25	0.02	0.05	616.00
1080.	13.	1035.	33.	78.	252.	168.	273.	139.	616.00
1.73	0.16	4.10	0.19	0.070	0.013	0.070	0.000	605.90	226.56
0.000143	49.	49.	49.	2	0	0	0.00	487.69	714.26
SPECIAL BRIDGE									

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	76.00	0.00	605.90	605.90

*SECNO 14672.000
6670 D.S. ENERGY OF 617.06 HIGHER THAN COMPUTED ENERGY OF 617.02
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
621.71	617.06	0.00	861.	220.	76.	94.	613.70	616.00

14672.00	10.91	616.81	0.00	0.00	617.06	0.25	0.00	0.00	616.00
1080.	13.	1035.	33.	78.	252.	168.	274.	139.	616.00
1.74	0.16	4.10	0.19	0.070	0.013	0.070	0.000	605.90	226.47
0.000143	38.	38.	38.	2	0	6	0.00	487.88	714.34

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 14721.000

UPSTREAM OF WESTLAKE RD.

14721.00	9.89	616.79	0.00	0.00	617.10	0.32	0.02	0.02	615.80
1080.	0.	0.	1080.	0.	0.	239.	274.	140.	670.20
1.74	0.00	0.00	4.51	0.000	0.000	0.070	0.000	606.90	458.82
0.004804	49.	49.	49.	2	0	0	0.00	101.04	559.86

*SECNO 17010.000

3265 DIVIDED FLOW

DOWNSTREAM OF BEECH DALY RD.

17010.00	10.79	620.09	0.00	0.00	620.27	0.19	3.16	0.01	617.90
1080.	26.	959.	95.	53.	260.	127.	292.	150.	617.10
1.93	0.49	3.69	0.75	0.070	0.035	0.070	0.000	609.30	91.61
0.000643	2289.	2289.	2289.	1	0	0	0.00	284.32	627.10

CCHV= 0.300 CEHV= 0.500

*SECNO 17059.000

17059.00	10.49	620.09	0.00	0.00	620.33	0.23	0.03	0.02	610.80
1080.	218.	726.	136.	218.	156.	108.	293.	150.	610.80
1.93	1.00	4.67	1.26	0.060	0.035	0.070	0.000	609.60	152.94
0.000603	49.	49.	49.	2	0	0	0.00	311.03	463.97

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.20	2.63	0.00	15.00	0.00	80.00	0.00	609.60	609.60

*SECNO 17239.000

3280 CROSS SECTION 17239.00 EXTENDED 0.07 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
629.15	620.33	0.00	317.	266.	80.	107.	616.70	619.90

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
17239.00	10.87	620.47	0.00	0.00	620.64	0.17	0.31	0.00	610.80
1080.	276.	669.	135.	354.	161.	119.	295.	152.	610.80
1.95	0.78	4.15	1.13	0.060	0.035	0.070	0.000	609.60	0.00
0.000454	180.	180.	180.	2	0	6	0.00	466.58	466.58

CCHV= 0.100 CEHV= 0.300

*SECNO 17288.000

3265 DIVIDED FLOW

UPSTREAM OF BEECH DALY RD.

17288.00	11.23	620.53	0.00	0.00	620.67	0.14	0.02	0.00	617.90
1080.	56.	902.	122.	145.	276.	170.	296.	152.	617.10
1.95	0.39	3.27	0.72	0.070	0.035	0.070	0.000	609.30	47.23
0.000467	49.	49.	49.	2	0	0	0.00	392.40	638.19

*SECNO 18250.000

DOWNSTREAM OF BACKYARD BRIDGE

18250.00	8.95	620.95	0.00	0.00	620.99	0.04	0.31	0.01	617.60
1080.	420.	513.	147.	797.	227.	243.	316.	163.	617.80
2.15	0.53	2.25	0.61	0.070	0.035	0.070	0.000	612.00	36.78
0.000237	962.	962.	962.	2	0	0	0.00	624.50	661.28

*SECNO 18299.000

3280 CROSS SECTION 18299.00 EXTENDED 1.17 FEET

18299.00	10.37	620.97	0.00	0.00	621.00	0.03	0.01	0.00	619.20
1080.	335.	699.	46.	774.	418.	166.	318.	164.	618.40
2.16	0.43	1.67	0.28	0.070	0.035	0.070	0.000	610.60	0.00
0.000145	49.	49.	49.	0	0	0	0.00	693.10	693.10

CCHV= 0.300 CEHV= 0.500

*SECNO 18301.000

3280 CROSS SECTION 18301.00 EXTENDED 1.18 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 619.20

18301.00	10.39	620.99	0.00	0.00	621.00	0.01	0.00	0.00	619.20
1080.	544.	460.	76.	779.	376.	169.	318.	164.	618.40
2.16	0.70	1.22	0.45	0.070	0.035	0.070	0.000	610.60	0.00
0.000375	2.	2.	2.	1	0	0	-42.75	695.87	695.87

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18307.000

3280 CROSS SECTION 18307.00 EXTENDED 1.19 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 615.60

18307.00	10.39	620.99	0.00	0.00	621.01	0.01	0.00	0.00	619.20
1080.	545.	458.	77.	784.	377.	172.	318.	164.	618.40
2.16	0.70	1.22	0.45	0.070	0.035	0.070	0.000	610.60	0.00
0.000369	6.	6.	6.	0	0	0	-42.75	698.17	698.17

CCHV= 0.100 CEHV= 0.300

*SECNO 18309.000

3280 CROSS SECTION 18309.00 EXTENDED 1.19 FEET

18309.00	10.38	620.98	0.00	0.00	621.01	0.03	0.00	0.00	619.20
1080.	337.	696.	47.	782.	419.	171.	318.	164.	618.40
2.16	0.43	1.66	0.28	0.070	0.035	0.070	0.000	610.60	0.00
0.000142	2.	2.	2.	1	0	0	0.00	697.44	697.44

*SECNO 18358.000

UPSTREAM OF BACKYARD BRIDGE

18358.00	8.98	620.98	0.00	0.00	621.02	0.04	0.01	0.00	617.60
1080.	425.	507.	148.	816.	229.	248.	319.	165.	617.80
2.17	0.52	2.22	0.60	0.070	0.035	0.070	0.000	612.00	34.06
0.000227	49.	49.	49.	1	0	0	0.00	629.08	663.14

*SECNO 18630.000

3265 DIVIDED FLOW

DOWNSTREAM OF CONTINENTAL DR.

18630.00	10.42	621.02	0.00	0.00	621.13	0.11	0.09	0.02	621.10
1080.	0.	1079.	1.	3.	406.	5.	325.	168.	620.00
2.20	0.04	2.66	0.29	0.070	0.035	0.070	0.000	610.60	198.45
0.000460	272.	272.	272.	1	0	0	0.00	189.68	586.80

*SECNO 18679.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
18679.00	10.20	621.00	0.00	0.00	621.18	0.18	0.03	0.02	621.30
1080.	52.	1026.	2.	135.	296.	12.	325.	168.	621.10
2.21	0.39	3.46	0.12	0.070	0.035	0.070	0.000	610.80	100.01
0.000742	49.	49.	49.	2	0	0	0.00	455.87	599.99
CCHV= 0.300 CEHV= 0.500									
*SECNO 18681.000									
3265 DIVIDED FLOW									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 621.30									
18681.00	10.16	620.96	0.00	0.00	621.22	0.25	0.00	0.04	621.30
1080.	73.	1006.	1.	125.	241.	8.	325.	168.	621.10
2.21	0.58	4.17	0.17	0.070	0.026	0.070	0.000	610.80	107.02
0.001771	2.	2.	2.	2	0	0	-53.18	425.60	588.07
*SECNO 18717.000									
3265 DIVIDED FLOW									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 619.60									
18717.00	10.25	621.05	0.00	0.00	621.28	0.23	0.06	0.01	621.30
1080.	93.	983.	4.	149.	242.	19.	326.	168.	621.10
2.21	0.62	4.07	0.23	0.070	0.026	0.070	0.000	610.80	90.10
0.001725	36.	36.	36.	2	0	0	-57.35	491.71	609.90
CCHV= 0.100 CEHV= 0.300									
*SECNO 18719.000									
3265 DIVIDED FLOW									
18719.00	10.34	621.14	0.00	0.00	621.29	0.16	0.00	0.01	621.30
1080.	73.	1001.	6.	176.	304.	33.	326.	168.	621.10
2.21	0.41	3.30	0.19	0.070	0.035	0.070	0.000	610.80	72.57
0.000662	2.	2.	2.	2	0	0	0.00	545.28	627.43

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18768.000

3265 DIVIDED FLOW

UPSTREAM OF CONTINENTAL DR.

18768.00	10.66	621.26	0.00	0.00	621.35	0.09	0.04	0.01	621.10
1080.	0.	0.	1080.	0.	0.	461.	326.	169.	673.00
2.22	0.00	0.00	2.34	0.000	0.000	0.070	0.000	610.60	184.66
0.001340	49.	49.	49.	2	0	0	0.00	223.13	588.81

*SECNO 19845.000

DOWNSTREAM OF HOLLAND RD.

19845.00	9.78	622.28	0.00	0.00	622.39	0.11	1.04	0.01	621.50
1080.	250.	698.	132.	315.	211.	204.	341.	178.	619.80
2.34	0.79	3.30	0.65	0.070	0.035	0.070	0.000	612.50	286.03
0.000726	1077.	1077.	1077.	2	0	0	0.00	523.89	809.92

CCHV= 0.300 CEHV= 0.500

*SECNO 19894.000

3265 DIVIDED FLOW

19894.00	9.24	622.24	0.00	0.00	622.54	0.30	0.05	0.09	623.50
1080.	181.	899.	0.	187.	188.	0.	341.	179.	623.60
2.34	0.97	4.79	0.00	0.070	0.035	0.000	0.000	613.00	237.44
0.001647	49.	49.	49.	2	0	0	0.00	231.43	535.38

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.58	2.63	0.00	14.00	0.00	99.00	0.00	613.00	613.00

*SECNO 20037.000

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
627.01	622.54	0.00	644.	438.	99.	126.	622.00	623.50	
20007.00	9.86	622.86	0.00	0.00	623.02	0.16	0.48	0.00	623.50
1080.	292.	788.	0.	340.	209.	0.	343.	179.	623.60
2.35	0.86	3.76	0.00	0.070	0.035	0.000	0.000	613.00	148.77
0.000946	113.	113.	113.	2	0	6	0.00	331.72	536.57

CCHV= 0.100 CEHV= 0.300

*SECNO 20056.000

UPSTREAM OF HOLLAND RD.

20056.00	10.51	623.01	0.00	0.00	623.06	0.05	0.02	0.01	621.50
1080.	308.	553.	219.	485.	238.	437.	344.	180.	619.80
2.36	0.63	2.32	0.50	0.070	0.035	0.070	0.000	612.50	249.41
0.000305	49.	49.	49.	2	0	0	0.00	651.14	900.54

*SECNO 21606.000

3280 CROSS SECTION 21606.00 EXTENDED 0.52 FEET

DOWNSTREAM OF FARM BRIDGE

21606.00	8.73	623.53	0.00	0.00	623.59	0.06	0.52	0.00	621.80
865.	331.	522.	12.	633.	209.	32.	380.	202.	621.80
2.62	0.52	2.50	0.38	0.070	0.035	0.070	0.000	614.80	0.00
0.000389	1550.	1550.	1550.	2	0	0	0.00	574.40	574.40

*SECNO 21655.000

3280 CROSS SECTION 21655.00 EXTENDED 0.09 FEET

21655.00	7.79	623.59	0.00	0.00	623.60	0.01	0.01	0.00	622.60
507.	285.	218.	4.	717.	174.	25.	381.	202.	622.50
2.63	0.40	1.26	0.17	0.070	0.035	0.070	0.000	615.80	0.00
0.000138	49.	49.	49.	2	0	0	0.00	483.11	483.11

CCHV= 0.300 CEHV= 0.500

*SECNO 21657.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 21657.00 EXTENDED 0.09 FEET									
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 621.10 MAX ELLC= 621.80									
21657.00	7.79	623.59	0.00	0.00	623.61	0.02	0.00	0.00	622.60
507.	376.	125.	5.	717.	65.	25.	381.	202.	622.50
2.63	0.52	1.94	0.22	0.070	0.013	0.070	0.000	615.80	0.00
0.000240	2.	2.	2.	0	0	0	-109.00	483.13	483.13
*SECNO 21680.000									
3280 CROSS SECTION 21680.00 EXTENDED 0.09 FEET									
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 622.60 MAX ELLC= 621.80									
21680.00	7.79	623.59	0.00	0.00	623.61	0.02	0.01	0.00	622.60
507.	376.	125.	5.	717.	65.	25.	381.	203.	622.50
2.64	0.52	1.94	0.22	0.070	0.013	0.070	0.000	615.80	0.00
0.000240	23.	23.	23.	0	0	0	-109.00	483.18	483.18
CCHV= 0.100 CEHV= 0.300									
*SECNO 21682.000									
3280 CROSS SECTION 21682.00 EXTENDED 0.09 FEET									
21682.00	7.80	623.50	0.00	0.00	623.61	0.01	0.00	0.00	622.60
507.	285.	218.	4.	718.	174.	25.	381.	203.	622.50
2.64	0.40	1.25	0.17	0.070	0.035	0.070	0.000	615.80	0.00
0.000137	2.	2.	2.	0	0	0	0.00	483.25	483.25
*SECNO 21731.000									
3280 CROSS SECTION 21731.00 EXTENDED 0.61 FEET									
UPSTREAM OF FARM BRIDGE									
21731.00	8.80	623.60	0.00	0.00	623.62	0.02	0.01	0.00	621.80
507.	203.	296.	8.	678.	212.	36.	382.	203.	621.80
2.66	0.30	1.39	0.22	0.070	0.035	0.070	0.000	614.80	0.00
0.000119	49.	49.	49.	0	0	0	0.00	576.35	576.35

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 23500.000

DOWNSTREAM OF INKSTER RD

23500.00	6.74	623.94	0.00	0.00	624.02	0.08	0.38	0.02	622.50
507.	26.	423.	58.	69.	169.	142.	409.	222.	622.50
2.88	0.38	2.51	0.41	0.070	0.035	0.070	0.000	617.20	404.26
0.000493	1769.	1769.	1769.	2	0	0	0.00	342.96	747.22

PRINTED IN U.S.A.

THIS RUN EXECUTED 21 AUG 84 9:02:44

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

T1                CITY OF TAYLOR FLOOD INSURANCE STUDY
T2                SEXTON KILFOIL DRAIN
T3                 100-YEAR FREQUENCY FLOOD

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       4.        0.        0.  0.000000      0.00      0.0       0.   602.000     0.000
J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
     3.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	PV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*PROF 3									
CCHV= 0.100 CEHV= 0.300									
*SECNO 200.000									
UPSTREAM OF ALLEN RD.									
200.00	10.60	602.00	0.00	602.00	602.25	0.25	0.00	0.00	599.00
1312.	98.	1130.	85.	115.	260.	112.	0.	0.	599.90
0.00	0.85	4.35	0.75	0.070	0.035	0.070	0.000	591.40	500.00
0.000865	0.	0.	0.	0	0	0	0.00	236.54	736.54
*SECNO 650.000									
DOWNSTREAM OF PRIVATE BRIDGE									
650.00	10.44	602.44	0.00	0.00	602.62	0.18	0.36	0.01	599.70
1312.	250.	1059.	4.	306.	283.	11.	6.	3.	601.60
0.04	0.82	3.75	0.33	0.070	0.035	0.070	0.000	592.00	218.48
0.000741	450.	450.	450.	2	0	0	0.00	351.91	570.39
CCHV= 0.300 CEHV= 0.500									
*SECNO 699.000									
699.00	10.21	602.41	0.00	0.00	602.76	0.35	0.05	0.09	601.40
1312.	44.	1262.	7.	69.	261.	13.	6.	3.	601.60
0.04	0.64	4.83	0.50	0.060	0.035	0.060	0.000	592.20	338.52
0.001383	49.	49.	49.	2	0	0	0.00	228.78	567.30

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	84.00	0.00	592.20	592.20

*SECNO 714.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.32	602.76	0.00	899.	413.	84.	94.	600.00	601.10

714.00	10.51	602.71	0.00	0.00	602.99	0.28	0.24	0.00	601.40
1312.	84.	1213.	14.	126.	275.	26.	6.	3.	601.60
0.04	0.67	4.42	0.55	0.060	0.035	0.060	0.000	592.20	243.12
0.001082	15.	15.	15.	2	0	6	0.00	336.83	579.94

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRITS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 763.000
3280 CROSS SECTION 763.00 EXTENDED 0.14 FEET

UPSTREAM OF PRIVATE BRIDGE

763.00	10.94	602.94	0.00	0.00	603.04	0.10	0.03	0.02	599.70
1312.	378.	922.	11.	598.	304.	28.	7.	4.	601.60
0.05	0.74	3.03	0.40	0.060	0.035	0.060	0.000	592.00	0.00
0.000439	49.	49.	49.	2	0	0	0.00	585.93	585.93

*SECNO 1313.000
3280 CROSS SECTION 1313.00 EXTENDED 0.21 FEET

DOWNSTREAM OF D.T.I.RR.

1313.00	9.81	603.21	0.00	0.00	603.29	0.09	0.25	0.00	600.10
1312.	439.	712.	160.	597.	229.	231.	19.	12.	601.20
0.12	0.74	3.11	0.69	0.060	0.035	0.060	0.000	593.40	0.00
0.000465	550.	550.	550.	2	0	0	0.00	700.00	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1362.000

3301 HV CHANGED MORE THAN HVINS

1362.00	3.97	602.97	0.00	0.00	603.63	0.66	0.04	0.29	606.20
1312.	0.	1311.	1.	0.	202.	1.	20.	13.	602.50
0.13	0.00	6.50	0.47	0.000	0.035	0.060	0.000	594.00	202.31
0.002545	49.	49.	49.	2	0	0	0.00	33.14	235.45

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	21.00	1.50	127.00	0.00	594.40	594.40

*SECNO 1399.000
PRESSURE FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
605.55	603.71	0.10	0.	1312.	127.	123.		600.70	606.80
1399.00	11.21	605.21	0.00	0.00	605.55	0.34	1.93	0.00	606.20
1312.	0.	1270.	42.	0.	265.	43.	20.	13.	602.50
0.13	0.00	4.79	0.93	0.000	0.035	0.060	0.000	594.00	200.71
0.001047	37.	37.	37.	2	0	0	0.00	60.80	261.50

*SECNO 1448.000
3280 CROSS SECTION 1448.00 EXTENDED 2.65 FEET

UPSTREAM OF D.T.I.RR.

1448.00	12.25	605.65	0.00	0.00	605.66	0.01	0.01	0.10	600.10
1312.	709.	351.	252.	1819.	307.	642.	22.	13.	601.20
0.15	0.39	1.14	0.39	0.060	0.035	0.060	0.000	593.40	0.00
0.000042	49.	49.	49.	2	0	0	0.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1998.000
3280 CROSS SECTION 1998.00 EXTENDED 2.18 FEET

DOWNSTREAM OF RET. POND SERVICE RD.

1998.00	11.68	605.68	0.00	0.00	605.69	0.01	0.03	0.00	600.20
1312.	636.	387.	289.	1248.	301.	752.	54.	21.	601.40
0.37	0.51	1.28	0.38	0.060	0.035	0.060	0.000	594.00	0.00
0.000059	550.	550.	550.	2	0	0	0.00	600.00	600.00

*SECNO 2047.000
3280 CROSS SECTION 2047.00 EXTENDED 3.18 FEET

2047.00	11.87	605.67	0.00	0.00	605.70	0.03	0.00	0.00	603.60
1312.	179.	600.	533.	469.	328.	871.	56.	22.	603.50
0.38	0.38	1.83	0.61	0.060	0.035	0.060	0.000	593.80	0.00
0.000126	49.	49.	49.	0	0	0	0.00	600.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRITS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 2049.000
3280 CROSS SECTION 2049.00 EXTENDED 3.18 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 602.90 MAX ELLC= 602.50

2049.00	11.89	605.69	0.00	0.00	605.70	0.01	0.00	0.00	603.60
1312.	268.	245.	799.	469.	228.	871.	56.	22.	603.50
0.38	0.57	1.08	0.92	0.070	0.045	0.070	0.000	593.80	0.00
0.000387	2.	2.	2.	1	0	0	-100.45	600.00	600.00

*SECNO 2076.000
3280 CROSS SECTION 2076.00 EXTENDED 3.20 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 603.50 MAX ELLC= 600.60

2076.00	11.90	605.70	0.00	0.00	605.71	0.01	0.01	0.00	603.60
1312.	270.	244.	798.	474.	228.	875.	57.	22.	603.50
0.39	0.57	1.07	0.91	0.070	0.045	0.070	0.000	593.80	0.00
0.000380	27.	27.	27.	0	0	0	-100.45	600.00	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2078.000
3280 CROSS SECTION 2078.00 EXTENDED 3.19 FEET

2078.00	11.89	605.69	0.00	0.00	605.72	0.03	0.00	0.01	603.60
1312.	167.	648.	496.	473.	329.	875.	57.	22.	603.50
0.39	0.35	1.97	0.57	0.070	0.035	0.070	0.000	593.80	0.00
0.000147	2.	2.	2.	1	0	0	0.00	600.00	600.00

*SECNO 2127.000
3280 CROSS SECTION 2127.00 EXTENDED 2.22 FEET

UPSTREAM OF RET. POND SERVICE RD.

2127.00	11.72	605.72	0.00	0.00	605.73	0.00	0.01	0.00	600.20
1312.	0.	0.	1312.	0.	0.	2328.	59.	23.	654.20
0.41	0.00	0.00	0.56	0.000	0.000	0.070	0.000	594.00	0.00
0.000099	49.	49.	49.	2	0	0	0.00	600.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2477.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2477.00 EXTENDED 1.73 FEET

DOWNSTREAM OF WALK BRIDGE

2477.00	14.03	605.73	0.00	0.00	605.78	0.05	0.04	0.01	602.10
1231.	109.	881.	240.	330.	438.	585.	74.	28.	601.60
0.48	0.33	2.01	0.41	0.070	0.035	0.070	0.000	591.70	0.00
0.000116	350.	350.	350.	2	0	0	0.00	628.34	700.00

*SECNO 2526.000

3280 CROSS SECTION 2526.00 EXTENDED 0.66 FEET

2526.00	10.56	605.66	0.00	0.00	605.82	0.16	0.01	0.03	603.60
1231.	130.	753.	343.	163.	187.	394.	75.	29.	603.80
0.48	0.80	4.03	0.88	0.070	0.035	0.070	0.000	595.10	33.51
0.001005	49.	49.	49.	2	0	0	0.00	466.49	500.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2528.000

3280 CROSS SECTION 2528.00 EXTENDED 0.78 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.80

2528.00	10.68	605.78	0.00	0.00	605.85	0.07	0.00	0.03	603.60
1231.	193.	532.	505.	183.	178.	426.	75.	29.	603.80
0.48	1.05	2.99	1.19	0.070	0.035	0.070	0.000	595.10	21.83
0.001651	2.	2.	2.	2	0	0	-11.97	478.17	500.00

*SECNO 2532.000

3280 CROSS SECTION 2532.00 EXTENDED 0.79 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.30

2532.00	10.69	605.79	0.00	0.00	605.86	0.07	0.01	0.00	603.60
1231.	194.	531.	506.	184.	178.	427.	75.	29.	603.80
0.48	1.05	2.98	1.19	0.070	0.035	0.070	0.000	595.10	21.42
0.001641	4.	4.	4.	0	0	0	-11.97	478.58	500.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 2534.000

3280 CROSS SECTION 2534.00 EXTENDED 0.74 FEET

2534.00	10.64	605.74	0.00	0.00	605.88	0.14	0.00	0.02	603.60
1231.	137.	734.	361.	176.	109.	415.	75.	29.	603.80
0.48	0.78	3.88	0.87	0.070	0.035	0.070	0.000	595.10	26.08
0.000919	2.	2.	2.	2	0	0	0.00	473.92	500.00

*SECNO 2583.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2583.00 EXTENDED 1.86 FEET

UPSTREAM OF WALK BRIDGE

2583.00	14.16	605.86	0.00	0.00	605.91	0.04	0.01	0.01	602.10
1231.	120.	860.	251.	375.	444.	620.	77.	29.	601.60
0.49	0.32	1.94	0.41	0.070	0.035	0.070	0.000	591.70	0.00
0.000106	49.	49.	49.	2	0	0	0.00	663.66	700.00

*SECNO 2633.000

DOWNSTREAM OF MORTONVIEW DR.

2633.00	10.33	605.73	0.00	0.00	605.98	0.25	0.01	0.06	603.70
1231.	34.	1070.	126.	54.	250.	152.	78.	30.	602.40
0.49	0.64	4.28	0.83	0.070	0.035	0.070	0.000	595.40	347.76
0.000816	50.	50.	50.	2	0	0	0.00	231.36	579.62

*SECNO 2682.000

3280 CROSS SECTION 2682.00 EXTENDED 0.85 FEET

2682.00	10.25	605.85	0.00	0.00	606.02	0.17	0.03	0.01	605.60
1231.	0.	1195.	36.	3.	360.	122.	78.	30.	605.40
0.50	0.12	3.32	0.29	0.070	0.035	0.070	0.000	595.60	274.88
0.000481	49.	49.	49.	2	0	0	0.00	325.12	600.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2684.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION	2684.00 EXTENDED		0.80 FEET						
3370 NORMAL BRIDGE,NRD=	8 MIN ELTRD=	605.50	MAX ELLC=	602.10					
2684.00	10.20	605.80	0.00	0.00	606.07	0.27	0.00	0.05	605.60
1231.	1.	1147.	84.	2.	264.	109.	78.	30.	605.40
0.50	0.28	4.35	0.77	0.070	0.035	0.070	0.000	595.60	280.04
0.003860	2.	2.	2.	2	0	0	-93.90	319.96	600.00
*SECNO 2725.000									
3280 CROSS SECTION	2725.00 EXTENDED		0.97 FEET						
3370 NORMAL BRIDGE,NRD=	0 MIN ELTRD=	605.40	MAX ELLC=	602.10					
2725.00	10.37	605.97	0.00	0.00	606.28	0.31	0.19	0.02	605.60
1231.	4.	1081.	147.	7.	229.	138.	79.	30.	605.40
0.50	0.53	4.72	1.06	0.070	0.035	0.070	0.000	595.60	262.53
0.005721	41.	41.	41.	2	0	0	-152.77	337.47	600.00
CCHV= 0.100 CEHV=	0.300								
*SECNO 2727.000									
3280 CROSS SECTION	2727.00 EXTENDED		1.16 FEET						
2727.00	10.56	606.16	0.00	0.00	606.30	0.14	0.00	0.02	605.60
1231.	3.	1155.	73.	16.	374.	201.	79.	30.	605.40
0.50	0.19	3.09	0.36	0.070	0.035	0.070	0.000	595.60	235.05
0.000396	2.	2.	2.	2	0	0	0.00	364.95	600.00
*SECNO 2826.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION	2826.00 EXTENDED		0.08 FEET						
UPSTREAM OF MORTONVIEW DR.									
2826.00	10.78	606.18	0.00	0.00	606.36	0.18	0.05	0.01	603.70
1231.	55.	1004.	172.	95.	265.	232.	80.	31.	602.40
0.51	0.58	3.79	0.74	0.070	0.035	0.070	0.000	595.40	0.00
0.000593	99.	99.	99.	2	0	0	0.00	450.57	655.32

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3551.000
3280 CROSS SECTION 3551.00 EXTENDED 0.62 FEET

DOWNSTREAM OF BARAGA RD.

3551.00	9.82	606.62	0.00	0.00	606.68	0.06	0.31	0.01	604.20
1231.	324.	707.	200.	593.	279.	379.	95.	41.	603.80
0.63	0.55	2.53	0.53	0.070	0.035	0.070	0.000	596.80	0.00
0.000317	725.	725.	725.	2	0	0	0.00	700.00	700.00

*SECNO 3600.000
3280 CROSS SECTION 3600.00 EXTENDED 0.64 FEET

3600.00	10.14	606.64	0.00	0.00	606.70	0.05	0.02	0.00	603.60
1231.	389.	597.	245.	575.	230.	463.	97.	42.	603.60
0.64	0.68	2.60	0.53	0.070	0.035	0.070	0.000	596.50	0.00
0.000397	49.	49.	49.	0	0	0	0.00	700.00	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3602.000
3280 CROSS SECTION 3602.00 EXTENDED 0.62 FEET

3370 NORMAL BRIDGE, NRD= 29 MIN ELTRD= 604.40 MAX ELLC= 605.00

3602.00	10.12	606.62	0.00	0.00	606.72	0.11	0.00	0.03	603.60
1231.	454.	507.	270.	545.	127.	428.	97.	42.	603.60
0.64	0.83	3.99	0.63	0.070	0.013	0.070	0.000	596.50	0.00
0.000661	2.	2.	2.	2	0	0	-149.51	700.00	700.00

*SECNO 3634.000
3280 CROSS SECTION 3634.00 EXTENDED 0.63 FEET

3370 NORMAL BRIDGE, NRD= 29 MIN ELTRD= 604.50 MAX ELLC= 602.50

3634.00	10.14	606.64	0.00	0.00	606.75	0.10	0.02	0.00	603.60
1231.	455.	503.	273.	550.	127.	435.	98.	42.	603.60
0.64	0.83	3.95	0.63	0.070	0.013	0.070	0.000	596.50	0.00
0.000643	32.	32.	32.	0	0	0	-149.51	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 3636.000

3280 CROSS SECTION 3636.00 EXTENDED 0.70 FEET

3636.00	10.20	606.70	0.00	0.00	606.75	0.05	0.00	0.01	603.60
1231.	394.	583.	254.	593.	232.	485.	98.	42.	603.60
0.64	0.66	2.52	0.52	0.070	0.035	0.070	0.000	596.50	0.00
0.000369	2.	2.	2.	2	0	0	0.00	700.00	700.00

*SECNO 3685.000

3280 CROSS SECTION 3685.00 EXTENDED 0.72 FEET

UPSTREAM OF BARAGA RD.

3685.00	9.92	606.72	0.00	0.00	606.77	0.05	0.02	0.00	604.20
1231.	337.	685.	209.	634.	283.	406.	99.	43.	603.80
0.65	0.53	2.42	0.51	0.070	0.035	0.070	0.000	596.80	0.00
0.000283	49.	49.	49.	1	0	0	0.00	700.00	700.00

*SECNO 4480.000

DOWNSTREAM OF WILLIAMS RD.

4480.00	9.36	606.96	0.00	0.0	607.05	0.09	0.27	0.01	604.10
1231.	117.	792.	322.	194.	273.	413.	119.	53.	603.40
0.76	0.60	2.99	0.73	0.070	0.035	0.070	0.000	597.60	257.97
0.000403	795.	795.	795.	1	0	0	0.00	382.31	640.28

CCHV= 0.300 CEHV= 0.500

*SECNO 4529.000

4529.00	9.31	606.81	0.00	0.00	607.23	0.42	0.02	0.17	605.80
1231.	26.	1161.	44.	80.	216.	142.	120.	53.	605.80
0.76	0.32	5.37	0.31	0.070	0.013	0.070	0.000	597.50	174.51
0.000364	49.	49.	49.	2	0	0	0.00	391.39	565.91

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	85.00	0.00	597.50	597.50

*SECNO 4567.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

6870 D.S. ENERGY OF 607.23 HIGHER THAN COMPUTED ENERGY OF 607.12
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.89	607.23	0.00	927.	305.	85.	110.	603.60	605.40
4567.00	9.31	606.81	0.00	0.00	607.23	0.42	0.00	0.00	605.80
1231.	26.	1161.	44.	80.	216.	142.	120.	54.	605.80
0.76	0.32	5.37	0.31	0.070	0.013	0.070	0.000	597.50	174.49
0.000364	38.	38.	38.	2	0	5	0.00	391.51	566.00

*SECNO 4616.000

3265 DIVIDED FLOW

3280 CROSS SECTION 4616.00 EXTENDED 0.35 FEET

UPSTREAM OF WILLIAMS RD.

4616.00	9.75	607.35	0.00	0.00	607.37	0.02	0.02	0.12	604.10
1231.	0.	0.	1231.	0.	0.	1040.	121.	54.	657.00
0.77	0.00	0.00	1.18	0.000	0.000	0.070	0.000	597.60	0.00
0.000567	49.	49.	49.	2	0	0	0.00	442.55	656.42

CCHV= 0.100 CEHV= 0.300
*SECNO 5486.000
3280 CROSS SECTION 5486.00 EXTENDED 0.15 FEET

DOWNSTREAM OF KATHERINE RD.

5486.00	9.75	607.85	0.00	0.00	607.96	0.11	0.56	0.03	605.20
1231.	525.	686.	20.	688.	193.	47.	141.	65.	606.70
0.88	0.76	3.56	0.43	0.070	0.035	0.070	0.000	598.10	0.00
0.000734	870.	870.	870.	2	0	0	0.00	605.88	605.88

CCHV= 0.300 CEHV= 0.500
*SECNO 5535.000
3280 CROSS SECTION 5535.00 EXTENDED 1.30 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
5535.00	9.80	607.80	0.00	0.00	608.04	0.24	0.02	0.07	606.60
1231.	159.	1065.	6.	437.	250.	44.	142.	65.	607.00
0.88	0.36	4.26	0.15	0.070	0.013	0.070	0.000	598.00	0.00
0.000179	49.	49.	49.	2	0	0	0.00	499.04	499.04

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	84.00	0.00	598.30	598.30

*SECNO 5570.000
6870 D.S. ENERGY OF 608.04 HIGHER THAN COMPUTED ENERGY OF 607.92
3280 CROSS SECTION 5570.00 EXTENDED 1.30 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.00	608.34	0.00	1049.	190.	84.	110.	604.40	606.60
5570.00	9.80	607.80	0.00	0.00	608.04	0.24	0.00	0.00	606.60
1231.	159.	1065.	7.	437.	250.	44.	142.	66.	607.00
0.88	0.36	4.26	0.15	0.070	0.013	0.070	0.000	598.00	0.00
0.000179	35.	35.	35.	2	0	6	0.00	499.22	499.22

CCHV= 0.100 CEHV= 0.300
*SECNO 5619.000
3280 CROSS SECTION 5619.00 EXTENDED 0.36 FEET

UPSTREAM OF KATHERINE RD.

5619.00	9.96	608.06	0.00	0.00	608.08	0.02	0.02	0.02	605.20
1231.	0.	0.	1231.	0.	0.	1059.	143.	66.	657.70
0.89	0.00	0.00	1.15	0.000	0.000	0.070	0.000	598.10	0.00
0.000947	49.	49.	49.	2	0	0	0.00	614.44	614.44

*SECNO 6944.000
DOWNSTREAM OF PARDEE RD.

6944.00	9.65	609.05	0.00	0.00	609.22	0.17	1.09	0.05	606.30
1231.	212.	899.	119.	254.	231.	163.	169.	81.	606.70
1.01	0.84	3.89	0.73	0.070	0.035	0.070	0.000	599.40	336.74
0.000725	1325.	1325.	1325.	2	0	0	0.00	332.42	669.16

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500

*SECNO 6993.000

6993.00	9.31	609.01	0.00	0.00	609.35	0.34	0.05	0.09	609.40
1231.	0.	1231.	0.	0.	261.	0.	170.	81.	609.30
1.02	0.00	4.71	0.00	0.000	0.035	0.000	0.000	599.70	400.56
0.001311	49.	49.	49.	2	0	0	0.00	40.22	440.78

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.09	2.63	0.00	25.00	0.00	128.00	0.00	600.00	600.00

*SECNO 7107.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
612.01	609.65	0.00	493.	738.	128.	180.	607.20	609.30

7107.00	10.15	609.85	0.00	0.00	610.09	0.24	0.74	0.00	609.40
1231.	5.	1185.	40.	24.	296.	97.	171.	81.	609.30
1.03	0.23	4.01	0.41	0.070	0.035	0.070	0.000	599.70	270.74
0.000830	114.	114.	114.	2	0	5	0.00	358.12	628.86

CCHV= 0.100 CEHV= 0.300

*SECNO 7156.000

UPSTREAM OF PARDEE RD.

7156.00	10.65	610.05	0.00	0.00	610.13	0.07	0.02	0.02	606.30
1231.	298.	731.	201.	444.	264.	330.	172.	82.	606.70
1.03	0.67	2.77	0.61	0.070	0.035	0.070	0.000	599.40	191.06
0.000306	49.	49.	49.	2	0	0	0.00	537.30	728.35

*SECNO 8835.000

DOWNSTREAM OF BIRCH RD.

8835.00	9.15	610.65	0.00	0.00	610.75	0.09	0.61	0.01	608.20
1231.	164.	753.	314.	271.	243.	392.	209.	100.	607.90
1.25	0.60	3.09	0.80	0.070	0.035	0.070	0.000	601.50	302.88
0.003445	1679.	1679.	1679.	2	0	0	0.00	412.27	715.14

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 8884.000									
8884.00	9.06	610.66	0.00	0.00	610.79	0.14	0.03	0.01	609.50
1231.	282.	742.	208.	301.	199.	232.	210.	101.	609.50
1.25	0.94	3.73	0.90	0.070	0.035	0.070	0.000	601.60	176.78
0.001086	49.	49.	49.	1	0	0	0.00	431.44	608.22
CCHV= 0.300 CEHV= 0.500									
*SECNO 8886.000									
3370 NORMAL BRIDGE,NRD= 26 MIN ELTRD= 608.70 MAX ELLC= 615.00									
8886.00	9.13	610.73	0.00	0.00	610.81	0.08	0.00	0.02	609.50
1231.	387.	405.	440.	315.	120.	243.	210.	101.	609.50
1.25	1.23	3.38	1.81	0.070	0.035	0.070	0.000	601.60	173.59
0.004203	2.	2.	2.	2	0	0	-80.83	437.81	611.41
*SECNO 8916.000									
3370 NORMAL BRIDGE,NRD= 26 MIN ELTRD= 609.50 MAX ELLC= 608.60									
8916.00	9.26	610.86	0.00	0.00	610.93	0.07	0.11	0.00	609.50
1231.	392.	384.	455.	345.	124.	267.	210.	101.	609.50
1.26	1.13	3.10	1.70	0.070	0.035	0.070	0.000	601.60	167.04
0.003395	30.	30.	30.	2	0	0	-80.83	450.92	617.96
CCHV= 0.100 CEHV= 0.300									
*SECNO 8918.000									
8918.00	9.23	610.83	0.00	0.00	610.94	0.11	0.00	0.01	609.50
1231.	304.	700.	227.	339.	204.	263.	211.	101.	609.50
1.26	0.90	3.43	0.86	0.070	0.035	0.070	0.000	601.60	168.28
0.000889	2.	2.	2.	2	0	0	0.00	448.44	616.72
*SECNO 8967.000									
UPSTREAM OF BIRCH RD.									
8967.00	9.40	610.90	0.00	0.00	610.97	0.07	0.03	0.00	608.20
1231.	188.	712.	332.	322.	252.	437.	212.	102.	607.90
1.26	0.58	2.83	0.76	0.070	0.035	0.070	0.000	601.50	291.37
0.000355	49.	49.	49.	2	0	0	0.00	428.16	719.53

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 9535.000									
DOWNSTREAM OF OAK RD.									
9535.00	8.98	611.08	0.00	0.00	611.35	0.27	0.32	0.06	607.80
1231.	180.	1027.	24.	205.	227.	42.	221.	106.	609.40
1.30	0.88	4.53	0.59	0.070	0.035	0.070	0.000	602.10	289.53
0.001027	568.	568.	568.	2	0	0	0.00	317.46	606.98
CCHV= 0.300 CEHV= 0.500									
*SECNO 9584.000									
9584.00	9.36	611.16	0.00	0.00	611.42	0.25	0.06	0.00	610.00
1231.	99.	1012.	120.	128.	228.	149.	222.	107.	610.00
1.31	0.77	4.43	0.81	0.070	0.035	0.070	0.000	601.80	226.25
0.001534	49.	49.	49.	2	0	0	0.00	391.94	618.19

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	21.00	0.00	84.00	0.00	601.80	601.80

*SECNO 9616.000

6870 D.S. ENERGY OF 611.42 HIGHER THAN COMPUTED ENERGY OF 611.40

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.37	611.42	0.00	965.	262.	84.	155.	609.20	610.00
9616.00	9.37	611.17	0.00	0.00	611.42	0.25	0.00	0.00	610.00
1231.	100.	1010.	121.	120.	228.	150.	222.	107.	610.00
1.31	0.77	4.42	0.81	0.070	0.035	0.070	0.000	601.80	225.63
0.001525	32.	32.	32.	2	0	5	0.00	393.19	618.82
CCHV= 0.100 CEHV= 0.300									
*SECNO 9665.000									
UPSTREAM OF OAK RD.									
9665.00	9.14	611.24	0.00	0.00	611.47	0.23	0.06	0.00	607.80
1231.	202.	997.	32.	239.	232.	54.	223.	108.	609.40
1.31	0.85	4.30	0.58	0.070	0.035	0.070	0.000	602.10	270.00
0.000397	49.	49.	49.	0	0	0	0.00	350.00	620.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 10320.000									
	DOWNSTREAM OF SYRACUSE RD.								
10320.00	8.78	611.88	0.00	0.00	612.23	0.35	0.73	0.03	611.60
1231.	1.	1228.	2.	4.	259.	6.	229.	111.	611.40
1.35	0.21	4.75	0.32	0.070	0.035	0.070	0.000	603.10	464.07
0.001401	655.	655.	655.	2	0	0	0.00	118.81	582.87
CCHV= 0.300 CEHV= 0.500									
*SECNO 10369.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 10369.00 EXTENDED 0.34 FEET									
10369.00	7.64	611.84	0.00	0.00	612.33	0.49	0.03	0.07	612.20
1231.	0.	1227.	4.	0.	218.	27.	229.	111.	612.80
1.36	0.00	5.64	0.14	0.000	0.013	0.070	0.000	604.20	400.51
0.000290	49.	49.	49.	2	0	0	0.00	154.61	600.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.63	0.00	20.00	0.00	78.00	0.00	604.20	604.20

*SECNO 10431.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10431.00 EXTENDED 1.25 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
619.34	612.33	0.00	734.	499.	78.	128.	610.60	612.20
10431.00	8.55	612.75	0.00	0.00	613.07	0.33	0.74	0.00	612.20
1231.	2.	1186.	42.	16.	254.	150.	229.	111.	612.80
1.36	0.16	4.67	0.28	0.070	0.013	0.070	0.000	604.20	361.63
0.000172	62.	62.	62.	2	0	6	0.00	235.90	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 10480.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10480.00 EXTENDED 0.92 FEET

UPSTREAM OF SYRACUSE RD.

10480.00	9.82	612.92	0.00	0.00	613.10	0.18	0.01	0.01	611.60
1231.	40.	1108.	83.	98.	306.	153.	230.	112.	611.40
1.36	0.41	3.62	0.54	0.070	0.035	0.070	0.000	603.10	283.30
0.000650	49.	49.	49.	2	0	0	0.00	407.69	700.00

*SECNO 11370.000

DOWNSTREAM AT NE TELEGRAPH RD.

11370.00	9.05	613.55	0.00	0.00	613.95	0.41	0.79	0.07	608.80
1231.	56.	1163.	12.	36.	222.	17.	238.	117.	611.90
1.41	1.54	5.24	0.66	0.070	0.035	0.070	0.000	604.50	486.29
0.001267	890.	890.	890.	2	0	0	0.00	77.88	564.17

CCHV= 0.300 CEHV= 0.500

*SECNO 11419.000

11419.00	8.69	613.69	0.00	0.00	614.02	0.33	0.05	0.02	614.80
1231.	0.	1231.	0.	0.	266.	0.	239.	117.	614.60
1.42	0.00	4.62	0.00	0.000	0.026	0.000	0.000	605.90	401.88
0.000698	49.	49.	49.	2	0	0	0.00	44.18	446.06

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.91	2.63	0.00	25.00	0.00	130.00	0.00	605.00	605.00

*SECNO 11480.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.35	614.02	0.00	255.	976.	130.	152.	611.10	614.60

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
11480.00	10.15	615.15	0.00	0.00	615.36	0.21	1.34	0.00	614.80
1231.	1.	1226.	4.	11.	334.	21.	239.	117.	614.60
1.42	0.13	3.68	0.19	0.070	0.026	0.070	0.000	605.00	324.74
0.000357	61.	61.	61.	2	0	4	0.00	205.36	530.10

CCHV= 0.100 CEHV= 0.300
*SECNO 11510.000

3265 DIVIDED FLOW

UPSTREAM OF N2 TELEGRAPH RD.
DOWNSTREAM OF SB TELEGRAPH RD.

11510.00	10.08	615.28	0.00	0.00	615.38	0.10	0.01	0.01	613.60
1231.	42.	1155.	34.	141.	444.	98.	240.	117.	613.40
1.42	0.30	2.60	0.35	0.070	0.035	0.070	0.000	605.20	285.90
0.000289	30.	30.	30.	2	0	0	0.00	362.09	665.88

*SECNO 11510.000

3265 DIVIDED FLOW

11510.00	10.08	615.28	0.00	0.00	615.38	0.10	0.00	0.00	613.60
1231.	42.	1155.	34.	141.	444.	98.	240.	117.	613.40
1.42	0.30	2.60	0.35	0.070	0.035	0.070	0.000	605.20	285.91
0.000289	0.	0.	0.	0	0	0	0.00	362.08	665.88

CCHV= 0.300 CEHV= 0.500
*SECNO 11559.000

11559.00	9.86	615.26	0.00	0.00	615.43	0.17	0.01	0.03	616.30
1231.	0.	1230.	1.	0.	376.	6.	240.	117.	614.90
1.43	0.00	3.27	0.11	0.000	0.026	0.070	0.000	605.40	501.92
0.000272	49.	49.	49.	2	0	0	0.00	87.30	589.22

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	26.00	0.00	205.00	0.00	605.40	605.40

*SECNO 11622.000
ERROR ELTRD.LT.MIN ROAD ELEV, ELTRD SET EQUAL TO MIN ROAD ELEV
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.25	615.43	0.00	0.	1231.	205.	218.	613.80	616.30

11622.00	10.73	616.13	0.00	0.00	616.25	0.13	0.83	0.00	616.30
1231.	0.	1216.	15.	0.	422.	73.	241.	118.	614.90
1.43	0.00	2.88	0.21	0.000	0.026	0.070	0.000	605.40	500.32
0.000189	63.	63.	63.	2	0	0	0.00	172.97	673.29

CCHV= 0.100 CEHV= 0.300
*SECNO 11671.000
3280 CROSS SECTION 11671.00 EXTENDED 0.26 FEET

UPSTREAM OF SB TELEGRAPH RD.

11671.00	11.06	616.26	0.00	0.00	616.28	0.02	0.01	0.01	613.60
1231.	0.	0.	1231.	0.	0.	1206.	242.	118.	668.00
1.45	0.00	0.00	1.02	0.000	0.000	0.070	0.000	605.20	236.96
0.000389	49.	49.	49.	2	0	0	0.00	663.04	900.00

*SECNO 12346.000
3280 CROSS SECTION 12346.00 EXTENDED 1.91 FEET

DOWNSTREAM OF FARM BRIDGE

12346.00	9.71	616.41	0.00	0.00	616.42	0.02	0.15	0.00	612.80
1231.	810.	357.	64.	1504.	218.	256.	266.	129.	614.90
1.67	0.54	1.64	0.25	0.070	0.035	0.070	0.000	606.70	0.00
0.000136	675.	675.	675.	2	0	0	0.00	800.00	800.00

*SECNO 12395.000
3280 CROSS SECTION 12395.00 EXTENDED 2.22 FEET

12395.00	10.81	616.41	0.00	0.00	616.43	0.02	0.01	0.00	614.20
1231.	734.	440.	56.	1286.	248.	220.	269.	130.	614.00
1.68	0.57	1.78	0.25	0.070	0.035	0.070	0.000	605.60	0.00
0.000144	49.	49.	49.	0	0	0	0.00	760.00	760.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 12397.000
3280 CROSS SECTION 12397.00 EXTENDED 2.22 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 614.20

12397.00	10.83	616.43	0.00	0.00	616.43	0.01	0.00	0.00	614.20
1231.	938.	222.	71.	1285.	212.	219.	269.	130.	614.00
1.68	0.73	1.05	0.33	0.070	0.035	0.070	0.000	605.60	0.00
0.000235	2.	2.	2.	1	0	0	-35.30	760.00	760.00

*SECNO 12403.000
3280 CROSS SECTION 12403.00 EXTENDED 2.23 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 612.80

12403.00	10.83	616.43	0.00	0.00	616.44	0.01	0.00	0.00	614.20
1231.	937.	221.	72.	1288.	213.	222.	269.	131.	614.00
1.69	0.73	1.04	0.33	0.070	0.035	0.070	0.000	605.60	0.00
0.000233	6.	6.	6.	0	0	0	-35.30	760.00	760.00

CCHV= 0.100 CEHV= 0.300
*SECNO 12405.000
3280 CROSS SECTION 12405.00 EXTENDED 2.23 FEET

12405.00	10.82	616.42	0.00	0.00	616.44	0.02	0.00	0.00	614.20
1231.	735.	440.	57.	1288.	248.	222.	269.	131.	614.00
1.69	0.57	1.77	0.25	0.070	0.035	0.070	0.000	605.60	0.00
0.000143	2.	2.	2.	0	0	0	0.00	760.00	760.00

*SECNO 12454.000
3280 CROSS SECTION 12454.00 EXTENDED 1.93 FEET

UPSTREAM OF FARM BRIDGE

12454.00	9.73	616.43	0.00	0.00	616.45	0.01	0.01	0.00	612.80
1231.	810.	355.	66.	1514.	218.	262.	271.	131.	614.90
1.70	0.54	1.63	0.25	0.070	0.035	0.070	0.000	606.70	0.00
0.000134	49.	49.	49.	0	0	0	0.00	800.00	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 14585.000									
DOWNSTREAM OF WESTLAKE RD.									
14585.00	9.94	616.84	0.00	0.00	617.33	0.49	0.74	0.14	615.80
1231.	14.	1213.	4.	22.	214.	7.	326.	154.	616.20
1.81	0.65	5.66	0.47	0.070	0.035	0.070	0.000	606.90	456.87
0.002243	2131.	2131.	2131.	2	0	0	0.00	104.73	561.59
CCHV= 0.300 CEHV= 0.500									
*SECNO 14634.000									
14634.00	11.25	617.15	0.00	0.00	617.41	0.26	0.02	0.07	616.00
1231.	31.	1134.	66.	150.	266.	268.	326.	154.	616.00
1.81	0.21	4.25	0.25	0.070	0.013	0.070	0.000	605.90	122.33
0.000143	49.	49.	49.	2	0	0	0.00	634.58	756.92

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	76.00	0.00	605.90	605.90

*SECNO 14672.000
6870 D.S. ENERGY OF 617.41 HIGHER THAN COMPUTED ENERGY OF 617.29
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.51	617.41	0.00	1052.	182.	76.	94.	613.70	616.00

14672.00	11.25	617.15	0.00	0.00	617.41	0.26	0.00	0.00	616.00
1231.	31.	1134.	66.	149.	266.	268.	327.	155.	616.00
1.81	0.21	4.26	0.25	0.070	0.013	0.070	0.000	605.90	123.03
0.000143	38.	38.	38.	2	0	6	0.00	633.72	756.74
CCHV= 0.100 CEHV= 0.300									
*SECNO 14721.000									
UPSTREAM OF WESTLAKE RD.									
14721.00	10.25	617.15	0.00	0.00	617.44	0.30	0.02	0.01	615.80
1231.	0.	0.	1231.	0.	0.	282.	327.	155.	670.20
1.82	0.00	0.00	4.37	0.000	0.000	0.070	0.000	606.90	442.26
0.004903	49.	49.	49.	1	0	0	0.00	131.20	573.46

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17010.000

3265 DIVIDED FLOW

DOWNSTREAM OF BEECH DALY RD.

17010.00	11.14	620.44	0.00	0.00	620.64	0.19	3.18	0.01	617.90
1231.	56.	1042.	134.	124.	273.	162.	350.	168.	617.10
2.01	0.45	3.82	0.83	0.070	0.035	0.070	0.000	609.30	55.57
0.000646	2239.	2289.	2289.	3	0	0	0.00	372.09	636.11

CCHV= 0.300 CEHV= 0.500

*SECNO 17059.000

3280 CROSS SECTION 17059.00 EXTENDED 0.06 FEET

17059.00	10.86	620.46	0.00	0.00	620.68	0.22	0.03	0.02	610.80
1231.	312.	765.	154.	349.	161.	119.	350.	169.	610.80
2.01	0.90	4.75	1.30	0.060	0.035	0.070	0.000	609.60	0.00
0.000597	49.	49.	49.	2	0	0	0.00	466.30	466.30

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.20	2.63	0.00	15.00	0.00	80.00	0.00	609.60	609.60

*SECNO 17239.000

3280 CROSS SECTION 17239.00 EXTENDED 0.21 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
632.22	620.68	0.00	1022.	210.	80.	107.	616.70	619.90

17239.00	11.01	620.61	0.00	0.00	620.80	0.19	0.12	0.00	610.80
1231.	343.	735.	153.	411.	163.	123.	353.	171.	610.80
2.03	0.83	4.50	1.24	0.060	0.035	0.070	0.000	609.60	0.00
0.000526	180.	180.	180.	2	0	6	0.00	469.55	469.55

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 17288.000

3265 DIVIDED FLOW

UPSTREAM OF BEECH DALY RD.

17288.00	11.37	620.67	C.00	0.00	620.83	0.16	0.03	0.00	617.90
1231.	80.	1003.	147.	186.	281.	185.	354.	171.	617.10
2.03	0.43	3.58	0.80	0.070	0.035	0.070	0.000	609.30	33.39
0.000544	49.	49.	49.	2	0	0	0.00	491.41	641.65

*SECNO 18250.000

DOWNSTREAM OF BACKYARD BRIDGE

18250.00	9.14	621.14	0.00	0.00	621.18	0.04	0.34	0.01	617.60
1231.	506.	553.	172.	888.	234.	269.	376.	184.	617.80
2.23	0.57	2.37	0.64	0.070	0.035	0.070	0.000	612.00	23.83
0.000252	962.	962.	962.	2	0	0	0.00	646.28	670.11

*SECNO 18299.000

3280 CROSS SECTION 18299.00 EXTENDED 1.36 FEET

18299.00	10.56	621.16	0.00	0.00	621.20	0.03	0.01	0.00	619.20
1231.	402.	764.	64.	852.	431.	213.	378.	184.	618.40
2.24	0.47	1.77	0.30	0.070	0.035	0.070	0.000	610.60	0.00
0.000156	49.	49.	49.	0	0	0	0.00	716.20	716.20

CCHV= 0.300 CEHV= 0.500

*SECNO 18301.000

3280 CROSS SECTION 18301.00 EXTENDED 1.39 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 619.20

18301.00	10.59	621.19	0.00	0.00	621.20	0.01	0.00	0.01	619.20
1231.	636.	491.	104.	862.	390.	219.	378.	184.	618.40
2.24	0.74	1.26	0.47	0.070	0.035	0.070	0.000	610.60	0.00
0.000377	2.	2.	2.	2	0	0	-42.75	718.63	718.63

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18307.000

3280 CROSS SECTION 18307.00 EXTENDED 1.39 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 616.60

18307.00	10.59	621.19	0.00	0.00	621.20	0.01	0.00	0.00	619.20
1231.	636.	491.	104.	863.	390.	219.	378.	185.	618.40
2.24	0.74	1.26	0.47	0.070	0.035	0.070	0.000	610.60	0.00
0.000377	6.	6.	6.	0	0	0	-42.75	718.79	718.79

CCHV= 0.100 CEHV= 0.300

*SECNO 18309.000

3280 CROSS SECTION 18309.00 EXTENDED 1.38 FEET

18309.00	10.58	621.18	0.00	0.00	621.21	0.03	0.00	0.00	619.20
1231.	405.	761.	66.	861.	433.	218.	378.	185.	618.40
2.24	0.47	1.76	0.30	0.070	0.035	0.070	0.000	610.60	0.00
0.000153	2.	2.	2.	1	0	0	0.00	718.35	718.35

*SECNO 18358.000

UPSTREAM OF BACKYARD BRIDGE

18358.00	9.18	621.18	0.00	0.00	621.22	0.04	0.01	0.00	617.60
1231.	511.	547.	173.	909.	235.	275.	380.	185.	617.80
2.25	0.56	2.33	0.63	0.070	0.035	0.070	0.000	612.00	20.97
0.000241	49.	49.	49.	1	0	0	0.00	651.10	672.07

*SECNO 18630.000

3265 DIVIDED FLOW

DOWNSTREAM OF CONTINENTAL DR.

18630.00	10.61	621.21	0.00	0.00	621.34	0.13	0.09	0.03	621.10
1231.	4.	1225.	2.	24.	420.	6.	386.	188.	620.00
2.28	0.17	2.92	0.35	0.070	0.035	0.070	0.000	610.60	187.65
0.000531	272.	272.	272.	2	0	0	0.00	215.69	588.37

*SECNO 18679.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
18679.00	10.40	621.20	0.00	0.00	621.39	0.19	0.03	0.02	621.30
1231.	94.	1126.	11.	197.	307.	44.	386.	189.	621.10
2.28	0.48	3.67	0.24	0.070	0.035	0.070	0.000	610.80	60.07
0.000813	49.	49.	49.	2	0	0	0.00	573.95	639.93
CCHV= 0.300 CEHV= 0.500									
*SECNO 18681.000									
3265 DIVIDED FLOW									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 621.30									
18681.00	10.36	621.16	0.00	0.00	621.43	0.27	0.00	0.04	621.30
1231.	141.	1076.	14.	185.	242.	37.	386.	189.	621.10
2.28	0.77	4.45	0.37	0.070	0.026	0.070	0.000	610.80	67.36
0.002205	2.	2.	2.	2	0	0	-62.99	557.24	632.64
*SECNO 18717.000									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 619.60									
18717.00	10.57	621.37	0.00	0.00	621.55	0.18	0.09	0.03	621.30
1231.	240.	948.	44.	253.	247.	76.	387.	189.	621.10
2.28	0.95	3.83	0.58	0.070	0.026	0.070	0.000	610.80	28.21
0.002617	36.	36.	36.	3	0	0	-68.00	643.58	671.79
CCHV= 0.100 CEHV= 0.300									
*SECNO 18719.000									
18719.00	10.59	621.39	0.00	0.00	621.55	0.16	0.00	0.00	621.30
1231.	130.	1075.	26.	266.	317.	84.	387.	189.	621.10
2.28	0.49	3.39	0.30	0.070	0.035	0.070	0.000	610.80	21.07
0.000668	2.	2.	2.	2	0	0	0.00	657.87	678.93
*SECNO 18768.000									

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
	UPSTREAM OF CONTINENTAL DR.								
18768.00	10.92	621.52	0.00	0.00	621.60	0.09	0.05	0.01	621.10
1231.	0.	0.	1231.	0.	0.	524.	387.	190.	673.00
2.29	0.00	0.00	2.35	0.000	0.000	0.070	0.000	610.60	169.49
0.001450	49.	49.	49.	2	0	0	0.00	271.45	702.34
*SECNO 19845.000									
	DOWNSTREAM OF HOLLAND RD.								
19845.00	10.04	622.54	0.00	0.00	622.65	0.10	1.04	0.01	621.50
1231.	314.	731.	186.	373.	221.	280.	405.	200.	619.80
2.42	0.84	3.31	0.66	0.070	0.035	0.070	0.000	612.50	272.89
0.000686	1077.	1077.	1077.	2	0	0	0.00	569.90	842.79
CCHV= 0.300 CEHV= 0.500									
*SECNO 19894.000									
3265 DIVIDED FLOW									
19894.00	9.49	622.49	0.00	0.00	622.80	0.31	0.05	0.10	623.50
1231.	255.	976.	0.	242.	197.	0.	405.	200.	623.60
2.42	1.05	4.96	0.00	0.070	0.035	0.000	0.000	613.00	201.07
0.001717	49.	49.	49.	2	0	0	0.00	272.57	535.87

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	SAREA	SS	ELCHU	ELCHD
	0.00	2.58	2.63	0.00	14.00	0.00	99.00	0.00	613.00	613.00

*SECNO 20007.000

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
628.69	622.80	0.00	822.	413.	99.	126.	622.00	623.50	
20007.00	10.01	623.01	0.00	0.00	623.19	0.18	0.39	0.00	623.50
1231.	364.	867.	0.	386.	215.	0.	407.	201.	623.60
2.43	0.94	4.03	0.00	0.070	0.035	0.000	0.000	613.00	127.11
0.001068	113.	113.	113.	2	0	6	0.00	356.21	536.87

CCHV= 0.100 CEHV= 0.300

*SECNO 20056.000

UPSTREAM OF HOLLAND RD.

20056.00	10.68	623.18	0.00	0.00	623.23	0.05	0.03	0.01	621.50
1231.	361.	598.	272.	529.	245.	500.	403.	202.	619.80
2.44	0.68	2.45	0.54	0.070	0.035	0.070	0.000	612.50	240.89
0.000327	49.	49.	49.	2	0	0	0.00	667.39	908.28

*SECNO 21606.000

3280 CROSS SECTION 21606.00 EXTENDED 0.72 FEET

DOWNSTREAM OF FARM BRIDGE

21606.00	8.93	623.73	0.00	0.00	623.79	0.06	0.55	0.00	621.80
998.	421.	560.	17.	732.	216.	40.	448.	224.	621.80
2.69	0.58	2.59	0.41	0.070	0.035	0.070	0.000	614.80	0.00
0.000399	1550.	1550.	1550.	2	0	0	0.00	578.73	578.73

*SECNO 21655.000

3280 CROSS SECTION 21655.00 EXTENDED 0.29 FEET

21655.00	7.99	623.79	0.00	0.00	623.80	0.01	0.01	0.00	622.60
580.	337.	236.	6.	797.	181.	34.	449.	225.	622.50
2.71	0.42	1.30	0.19	0.070	0.035	0.070	0.000	615.80	0.00
0.000140	49.	49.	49.	2	0	0	0.00	491.40	491.40

CCHV= 0.300 CEHV= 0.500

*SECNO 21657.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 21657.00 EXTENDED 0.29 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 621.10 MAX ELLC= 621.80

21657.00	7.99	623.79	0.00	0.00	623.81	0.02	0.00	0.00	622.60
580.	426.	146.	8.	797.	72.	35.	449.	225.	622.50
2.71	0.53	2.01	0.24	0.070	0.013	0.070	0.000	615.80	0.00
0.000223	2.	2.	2.	0	0	0	-109.00	491.42	491.42

*SECNO 21680.000
3280 CROSS SECTION 21680.00 EXTENDED 0.29 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 622.60 MAX ELLC= 621.80

21680.00	7.99	623.79	0.00	0.00	623.81	0.02	0.01	0.00	622.60
580.	426.	146.	8.	797.	72.	35.	450.	225.	622.50
2.72	0.53	2.01	0.24	0.070	0.013	0.070	0.000	615.80	0.00
0.000223	23.	23.	23.	0	0	0	-109.00	491.45	491.45

CCHV= 0.100 CEHV= 0.300
*SECNO 21682.000
3280 CROSS SECTION 21682.00 EXTENDED 0.29 FEET

21682.00	8.00	623.80	0.00	0.00	623.81	0.01	0.00	0.00	622.60
580.	338.	236.	6.	798.	181.	35.	450.	225.	622.50
2.72	0.42	1.30	0.19	0.070	0.035	0.070	0.000	615.80	0.00
0.000139	2.	2.	2.	0	0	0	0.00	491.50	491.50

*SECNO 21731.000
3280 CROSS SECTION 21731.00 EXTENDED 0.81 FEET

UPSTREAM OF FARM BRIDGE

21731.00	9.00	623.80	0.00	0.00	623.82	0.02	0.01	0.00	621.80
580.	254.	316.	10.	778.	220.	44.	451.	226.	621.80
2.74	0.33	1.44	0.23	0.070	0.035	0.070	0.000	614.80	0.00
0.000120	49.	49.	49.	0	0	0	0.00	580.71	580.71

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 23500.000									
	DOWNSTREAM OF INKSTER RD								
23500.00	6.94	624.14	0.00	0.00	624.22	0.08	0.38	0.02	622.50
580.	39.	456.	85.	90.	176.	189.	481.	245.	622.50
2.97	0.43	2.59	0.45	0.070	0.035	0.070	0.000	617.20	392.95
0.000493	1769.	1769.	1769.	2	0	0	0.00	395.23	788.18

PRINTED IN U.S.A.

THIS RUN EXECUTED 21 AUG 84 9:03:19

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MAY  1984
  ERROR CORR -  01,02,03,04,05,06
  MODIFICATION -  50,51,52,53,54,55,56
**************************************************

T1              CITY OF TAYLOR FLOOD INSURANCE STUDY
T2              SEXTON KILFOIL DRAIN
T3              500-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
        0.       5.         0.         0.  0.000000       0.00       0.0        0.    603.200    0.000
J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE
   15.000     0.000     -1.000     0.000      0.000      0.000      0.000      0.000      0.000      0.000
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SECNO	DEPTH	CWSEL	CRITS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

CCHV= 0.100 CEHV= 0.300
*SECNO 200.000
3280 CROSS SECTION 200.00 EXTENDED 0.30 FEET

UPSTREAM OF ALLEN RD.

200.00	11.80	603.20	0.00	603.20	603.39	0.19	0.00	0.00	599.00
1872.	357.	1283.	232.	520.	303.	263.	0.	0.	599.90
0.00	0.69	4.24	0.88	0.070	0.035	0.070	0.000	591.40	0.00
0.000668	0.	0.	0.	0	0	0	0.00	787.31	787.31

*SECNO 650.000
3280 CROSS SECTION 650.00 EXTENDED 0.74 FEET

DOWNSTREAM OF PRIVATE BRIDGE

650.00	11.54	603.54	0.00	0.00	603.67	0.13	0.27	0.01	599.70
1872.	649.	1191.	32.	809.	331.	62.	12.	7.	601.60
0.05	0.80	3.60	0.51	0.070	0.035	0.070	0.000	592.00	0.00
0.000554	450.	450.	450.	2	0	0	0.00	624.20	624.20

CCHV= 0.300 CEHV= 0.500
*SECNO 699.000
3280 CROSS SECTION 699.00 EXTENDED 0.42 FEET

699.00	11.32	603.52	0.00	0.00	603.77	0.25	0.04	0.06	601.40
1872.	394.	1415.	63.	467.	310.	78.	13.	8.	601.60
0.05	0.84	4.56	0.80	0.060	0.035	0.060	0.000	592.20	0.00
0.000981	49.	49.	49.	2	0	0	0.00	627.81	627.81

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	12.00	0.00	84.00	0.00	592.20	592.20

*SECNO 714.000
6870 D.S. ENERGY OF 603.77 HIGHER THAN COMPUTED ENERGY OF 603.68
3280 CROSS SECTION 714.00 EXTENDED 0.42 FEET

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
615.55	603.77	0.00	1655.	218.	84.	94.	600.00	601.10
714.00	11.32	603.52	0.00	0.00	603.77	0.25	0.00	0.00	601.40
1872.	396.	1413.	63.	469.	310.	79.	13.	8.	601.60
0.05	0.84	4.56	0.80	0.060	0.035	0.060	0.000	592.20	0.00
0.000978	15.	15.	15.	2	0	7	0.00	628.11	628.11

CCHV= 0.100 CEHV= 0.300
*SECNO 763.000
3280 CROSS SECTION 763.00 EXTENDED 0.92 FEET

UPSTREAM OF PRIVATE BRIDGE

763.00	11.72	603.72	0.00	0.00	603.81	0.09	0.03	0.02	599.70
1872.	759.	1071.	42.	897.	339.	78.	14.	9.	601.60
0.06	0.85	3.16	0.55	0.060	0.035	0.060	0.000	592.00	0.00
0.000415	49.	49.	49.	2	0	0	0.00	639.83	639.83

*SECNO 1313.000
3280 CROSS SECTION 1313.00 EXTENDED 0.97 FEET

DOWNSTREAM OF D.T.I.RR.

1313.00	10.57	603.97	0.00	0.00	604.04	0.07	0.22	0.00	600.10
1872.	806.	770.	296.	978.	253.	359.	33.	17.	601.20
0.15	0.82	3.04	0.82	0.060	0.035	0.060	0.000	593.40	0.00
0.000388	550.	550.	550.	2	0	0	0.00	700.00	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 1362.000

3301 HV CHANGED MORE THAN HVINS

1362.00	9.47	603.47	0.00	0.00	604.63	1.16	0.04	0.55	606.20
1872.	0.	1867.	5.	0.	216.	5.	34.	18.	602.50
0.15	0.00	8.66	0.99	0.000	0.035	0.060	0.000	594.00	201.95
0.004212	49.	49.	49.	2	0	0	0.00	39.33	241.28

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.95	1.56	2.63	0.00	21.00	1.50	127.00	0.00	594.40	594.40

*SECNO 1399.000

3265 DIVIDED FLOW

3280 CROSS SECTION 1399.00 EXTENDED 0.63 FEET

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
608.73	604.81	0.26	388.	1487.	127.	123.	600.70	606.80

1399.00	12.32	606.32	0.00	0.00	606.79	0.47	2.16	0.00	606.20
1872.	45.	1709.	118.	72.	299.	85.	34.	18.	602.50
0.15	0.62	5.72	1.39	0.060	0.035	0.060	0.000	594.00	0.00
0.001351	37.	37.	37.	2	0	5	0.00	213.51	274.49

*SECNO 1448.000

3280 CROSS SECTION 1448.00 EXTENDED 3.93 FEET

UPSTREAM OF D.T.I.RR.

1448.00	13.53	606.93	0.00	0.00	606.93	0.01	0.01	0.14	600.10
1872.	1086.	406.	380.	2456.	348.	856.	36.	18.	601.20
0.17	0.44	1.17	0.44	0.060	0.035	0.060	0.000	593.40	0.00
0.000037	49.	49.	49.	2	0	0	0.00	700.00	700.00

CCHV= 0.100 CEHV= 0.300

*SECNO 1998.000

3280 CROSS SECTION 1998.00 EXTENDED 3.45 FEET

DOWNSTREAM OF RET. POND SERVICE RD.

1998.00	12.95	606.95	0.00	0.00	606.96	0.01	0.02	0.00	600.20
1872.	917.	457.	498.	1629.	346.	1088.	79.	27.	601.40
0.39	0.56	1.32	0.46	0.060	0.035	0.060	0.000	594.00	0.00
0.000052	550.	550.	550.	2	0	0	0.00	600.00	600.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	@BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2047.000
3280 CROSS SECTION 2047.00 EXTENDED 4.45 FEET

2047.00	13.14	606.94	0.00	0.00	606.96	0.02	0.00	0.00	603.60
1872.	418.	646.	807.	850.	370.	1210.	82.	27.	603.50
0.40	0.49	1.75	0.67	0.060	0.035	0.060	0.000	593.80	0.00
0.000098	49.	49.	49.	0	0	0	0.00	600.00	600.00

CCHV= 0.300 CEHV= 0.500
*SECNO 2049.000
3280 CROSS SECTION 2049.00 EXTENDED 4.45 FEET

3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 602.90 MAX ELLC= 602.50

2049.00	13.16	606.96	0.00	0.00	606.97	0.01	0.00	0.00	603.60
1872.	553.	252.	1067.	850.	270.	1210.	82.	27.	603.50
0.40	0.65	0.94	0.88	0.070	0.045	0.070	0.000	593.80	0.00
0.000233	2.	2.	2.	1	0	0	-100.45	600.00	600.00

*SECNO 2076.000
3280 CROSS SECTION 2076.00 EXTENDED 4.46 FEET

3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 603.50 MAX ELLC= 600.60

2076.00	13.16	606.96	0.00	0.00	606.97	0.01	0.01	0.00	603.60
1872.	554.	252.	1066.	853.	270.	1213.	84.	28.	603.50
0.41	0.65	0.93	0.88	0.070	0.045	0.070	0.000	593.80	0.00
0.000231	27.	27.	27.	0	0	0	-100.45	600.00	600.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2078.000
3280 CROSS SECTION 2078.00 EXTENDED 4.46 FEET

2078.00	13.15	606.95	0.00	0.00	606.93	0.03	0.00	0.00	603.60
1872.	396.	712.	764.	853.	370.	1212.	84.	28.	603.50
0.41	0.47	1.92	0.63	0.070	0.035	0.070	0.000	593.80	0.00
0.000119	2.	2.	2.	1	0	0	0.00	600.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2127.000
3280 CROSS SECTION 2127.00 EXTENDED 3.47 FEET

UPSTREAM OF RET. POND SERVICE RD.

2127.00	12.98	606.98	0.00	0.00	606.99	0.01	0.00	0.00	600.20
1872.	0.	0.	1872.	0.	0.	3077.	87.	28.	654.20
0.43	0.00	0.00	0.61	0.000	0.000	0.070	0.000	594.00	0.00
0.000086	49.	49.	49.	1	0	0	0.00	600.00	600.00

*SECNO 2477.000
3280 CROSS SECTION 2477.00 EXTENDED 2.99 FEET

DOWNSTREAM OF WALK BRIDGE

2477.00	15.29	606.99	0.00	0.00	607.02	0.03	0.03	0.01	602.10
1657.	297.	931.	429.	824.	490.	912.	108.	34.	601.60
0.51	0.36	1.90	0.47	0.070	0.035	0.070	0.000	591.70	0.00
0.000089	350.	350.	350.	2	0	0	0.00	700.00	700.00

*SECNO 2526.000
3280 CROSS SECTION 2526.00 EXTENDED 1.99 FEET

2526.00	11.88	606.98	0.00	0.00	607.04	0.06	0.01	0.01	603.60
1657.	324.	671.	662.	422.	224.	754.	110.	34.	603.80
0.52	0.77	3.00	0.88	0.070	0.035	0.070	0.000	595.10	0.00
0.000436	49.	49.	49.	1	0	0	0.00	500.00	500.00

CCHV= 0.300 CEHV= 0.500
*SECNO 2528.000
3280 CROSS SECTION 2528.00 EXTENDED 2.02 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.80

2528.00	11.92	607.02	0.00	0.00	607.05	0.03	0.00	0.01	603.60
1657.	400.	443.	813.	429.	213.	764.	110.	34.	603.80
0.52	0.93	2.08	1.06	0.070	0.035	0.070	0.000	595.10	0.00
0.000632	2.	2.	2.	2	0	0	-11.97	500.00	500.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2532.000

3280 CROSS SECTION 2532.00 EXTENDED 2.02 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 603.60 MAX ELLC= 603.30

2532.00	11.93	607.03	0.00	0.00	607.06	0.03	0.00	0.00	603.60
1657.	400.	443.	813.	429.	213.	764.	110.	34.	603.80
0.52	0.93	2.08	1.06	0.070	0.035	0.070	0.000	595.10	0.00
0.000631	4.	4.	4.	0	0	0	-11.97	500.00	500.00

CCHV= 0.100 CEHV= 0.300

*SECNO 2534.000

3280 CROSS SECTION 2534.00 EXTENDED 2.00 FEET

2534.00	11.90	607.00	0.00	0.00	607.07	0.06	0.00	0.01	603.60
1657.	326.	668.	663.	425.	224.	759.	110.	34.	603.80
0.52	0.77	2.98	0.87	0.070	0.035	0.070	0.000	595.10	0.00
0.000430	2.	2.	2.	2	0	0	0.00	500.00	500.00

*SECNO 2583.000

3280 CROSS SECTION 2583.00 EXTENDED 3.04 FEET

UPSTREAM OF WALK BRIDGE

2583.00	15.35	607.05	0.00	0.00	607.08	0.03	0.01	0.00	602.10
1657.	302.	923.	432.	842.	492.	924.	112.	35.	601.60
0.53	0.36	1.88	0.47	0.070	0.035	0.070	0.000	591.70	0.00
0.000087	49.	49.	49.	1	0	0	0.00	700.00	700.00

*SECNO 2633.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2633.00 EXTENDED 0.86 FEET

DOWNSTREAM OF MORTONVIEW DR.

2633.00	11.56	606.95	0.00	0.00	607.12	0.16	0.01	0.04	603.70
1657.	178.	1127.	352.	300.	291.	437.	114.	36.	602.40
0.54	0.59	3.88	0.81	0.070	0.035	0.070	0.000	595.40	0.00
0.000547	50.	50.	50.	2	0	0	0.00	596.69	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2682.000

3280 CROSS SECTION 2682.00 EXTENDED 2.02 FEET

2682.00	11.42	607.02	0.00	0.00	607.15	0.13	0.02	0.00	605.60
1657.	74.	1341.	242.	212.	413.	419.	115.	36.	605.40
0.54	0.35	3.25	0.58	0.070	0.035	0.070	0.000	595.60	0.00
0.000385	49.	49.	49.	2	C	0	0.00	600.00	600.00

CCHV= 0.300 CEHV= 0.500

*SECNO 2684.000

3280 CROSS SECTION 2684.00 EXTENDED 2.07 FEET

3370 NORMAL BRIDGE,NRD= 8 MIN ELTRD= 605.50 MAX ELLC= 602.10

2684.00	11.47	607.07	0.00	0.00	607.16	0.10	0.00	0.01	605.60
1657.	163.	990.	503.	228.	321.	432.	115.	37.	605.40
0.54	0.72	3.09	1.16	0.070	0.035	0.070	0.000	595.60	0.00
0.001500	2.	2.	2.	2	0	0	-93.90	600.00	600.00

*SECNO 2725.000

3280 CROSS SECTION 2725.00 EXTENDED 2.14 FEET

3370 NORMAL BRIDGE,NRD= 0 MIN ELTRD= 605.40 MAX ELLC= 602.10

2725.00	11.54	607.14	0.00	0.00	607.23	0.09	0.07	0.00	605.60
1657.	213.	871.	572.	251.	282.	436.	116.	37.	605.40
0.55	0.85	3.09	1.31	0.070	0.035	0.070	0.000	595.60	0.00
0.001887	41.	41.	41.	2	0	0	-152.77	600.00	600.00

CCHV= 0.100 CEHV= 0.300

*SECNO 2727.000

3280 CROSS SECTION 2727.00 EXTENDED 2.12 FEET

2727.00	11.52	607.12	0.00	0.00	607.24	0.12	0.00	0.01	605.60
1657.	89.	1311.	258.	244.	417.	447.	116.	37.	605.40
0.55	0.36	3.14	0.58	0.070	0.035	0.070	0.000	595.60	0.00
0.000354	2.	2.	2.	2	0	0	0.00	600.00	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 2826.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2826.00 EXTENDED 1.05 FEET

UPSTREAM OF MORTONVIEW DR.

2826.00	11.75	607.15	0.00	0.00	607.29	0.13	0.04	0.00	603.70
1657.	207.	1072.	377.	358.	297.	488.	119.	38.	602.40
0.56	0.58	3.61	0.77	0.070	0.035	0.070	0.000	595.40	0.00
0.000461	99.	99.	99.	2	0	0	0.00	609.52	700.00

*SECNO 3551.000

3280 CROSS SECTION 3551.00 EXTENDED 1.49 FEET

DOWNSTREAM OF BARAGA RD.

3551.00	10.69	607.49	0.00	0.00	607.53	0.04	0.23	0.01	604.20
1657.	562.	741.	354.	940.	315.	604.	144.	49.	603.80
0.70	0.60	2.35	0.59	0.070	0.035	0.070	0.000	596.80	0.00
0.000233	725.	725.	725.	2	0	0	0.00	700.00	700.00

*SECNO 3600.000

3280 CROSS SECTION 3600.00 EXTENDED 1.50 FEET

3600.00	11.01	607.51	0.00	0.00	607.54	0.03	0.01	0.00	603.60
1657.	592.	597.	463.	834.	256.	781.	146.	50.	603.60
0.71	0.71	2.34	0.60	0.070	0.035	0.070	0.000	596.50	0.00
0.000278	49.	49.	49.	0	0	0	0.00	700.00	700.00

CCHV= 0.300 CEHV= 0.500

*SECNO 3602.000

3280 CROSS SECTION 3602.00 EXTENDED 1.50 FEET

3320 NORMAL BRIDGE, NRD= 29 MIN ELTRD= 604.40 MAX ELLC= 605.00

3602.00	10.99	607.49	0.00	0.00	607.55	0.06	0.00	0.01	603.60
1657.	643.	516.	499.	910.	153.	755.	146.	50.	603.60
0.71	0.79	3.36	0.66	0.070	0.013	0.070	0.000	596.50	0.00
0.000364	2.	2.	2.	1	0	0	-149.51	700.00	700.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3634.000

3280 CROSS SECTION 3634.00 EXTENDED 1.50 FEET

3370 NORMAL BRIDGE,NRD= 29 MIN ELTRD= 604.50 MAX ELLC= 602.50

3634.00	11.01	607.51	0.00	0.00	607.57	0.06	0.01	0.00	603.60
1657.	643.	515.	499.	811.	154.	757.	147.	51.	603.60
0.72	0.79	3.35	0.66	0.070	0.013	0.070	0.000	596.50	0.00
0.000362	32.	32.	32.	0	0	0	-149.51	700.00	700.00

CCHV= 0.100 CEHV= 0.300

*SECNO 3636.000

3280 CROSS SECTION 3636.00 EXTENDED 1.54 FEET

3636.00	11.04	607.54	0.00	0.00	607.57	0.03	0.00	0.00	603.60
1657.	594.	592.	472.	843.	257.	793.	148.	51.	603.60
0.72	0.70	2.31	0.59	0.070	0.035	0.070	0.000	596.50	0.00
0.000270	2.	2.	2.	2	0	0	0.00	700.00	700.00

*SECNO 3685.000

3280 CROSS SECTION 3685.00 EXTENDED 1.55 FEET

UPSTREAM OF BARAGA RD.

3685.00	10.74	607.54	0.00	0.00	607.58	0.04	0.01	0.00	604.20
1657.	569.	729.	359.	966.	317.	620.	150.	52.	603.80
0.73	0.59	2.30	0.58	0.070	0.035	0.070	0.000	596.80	0.00
0.000220	49.	49.	49.	0	0	0	0.00	700.00	700.00

*SECNO 4480.000

3265 DIVIDED FLOW

3230 CROSS SECTION 4480.00 EXTENDED 0.74 FEET

DOWNSTREAM OF WILLIAMS RD.

4480.00	10.14	607.74	0.00	0.00	607.82	0.08	0.23	0.01	604.10
1657.	226.	928.	503.	338.	305.	579.	178.	63.	603.40
0.84	0.67	3.04	0.87	0.070	0.035	0.070	0.000	597.60	0.00
0.000383	795.	795.	795.	0	0	0	0.00	504.82	672.43

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 4529.000
3280 CROSS SECTION 4529.00 EXTENDED 0.58 FEET

4529.00	10.08	607.58	0.00	0.00	608.02	0.43	0.02	0.17	605.80
1657.	92.	1399.	166.	192.	243.	343.	179.	63.	605.80
0.84	0.48	5.75	0.48	0.070	0.013	0.070	0.000	597.50	135.86
0.000356	49.	49.	49.	2	0	0	0.00	464.14	600.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	85.00	0.00	597.50	597.50

*SECNO 4567.000
6870 D.S. ENERGY OF 608.02 HIGHER THAN COMPUTED ENERGY OF 607.75
3280 CROSS SECTION 4567.00 EXTENDED 0.58 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.79	608.02	0.00	1433.	224.	85.	110.	603.60	605.40

4567.00	10.08	607.58	0.00	0.00	608.02	0.43	0.00	0.00	605.80
1657.	92.	1398.	167.	192.	243.	344.	180.	63.	605.80
0.84	0.48	5.75	0.48	0.070	0.013	0.070	0.000	597.50	135.77
0.000356	38.	38.	38.	2	0	7	0.00	464.23	600.00

*SECNO 4616.000

3265 DIVIDED FLOW

3280 CROSS SECTION 4616.00 EXTENDED 1.14 FEET

UPSTREAM OF WILLIAMS RD.

4616.00	10.54	606.14	0.00	0.00	608.16	0.02	0.02	0.12	604.10
1657.	0.	0.	1657.	0.	0.	1439.	181.	64.	657.00
0.85	0.00	0.00	1.15	0.000	0.000	0.070	0.000	597.60	0.00
0.000496	49.	49.	49.	2	0	0	0.00	570.05	689.20

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 5486.000
3280 CROSS SECTION 5486.00 EXTENDED 0.86 FEET

DOWNSTREAM OF KATHERINE RD.

5486.00	10.46	608.56	0.00	0.00	608.64	0.08	0.46	0.02	605.20
1657.	885.	708.	65.	1043.	212.	111.	209.	76.	606.70
0.98	0.85	3.33	0.58	0.070	0.035	0.070	0.000	598.10	0.00
0.000563	870.	870.	870.	2	0	0	0.00	627.52	627.52

CCHV= 0.300 CEHV= 0.500
*SECNO 5535.000
3280 CROSS SECTION 5535.00 EXTENDED 1.98 FEET

5535.00	10.48	608.48	0.00	0.00	608.75	0.27	0.01	0.09	606.60
1657.	309.	1301.	46.	641.	277.	167.	211.	77.	607.00
0.98	0.48	4.69	0.28	0.070	0.013	0.070	0.000	598.00	0.00
0.000190	49.	49.	49.	2	0	0	0.00	542.32	542.32

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	18.00	0.00	84.00	0.00	598.30	598.30

*SECNO 5570.000
6870 D.S. ENERGY OF 608.75 HIGHER THAN COMPUTED ENERGY OF 608.59
3280 CROSS SECTION 5570.00 EXTENDED 1.93 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
617.90	609.05	0.00	1463.	181.	84.	110.	604.40	606.60

5570.00	10.48	608.48	0.00	0.00	608.75	0.27	0.00	0.00	606.60
1657.	310.	1301.	46.	641.	277.	167.	212.	77.	607.00
0.99	0.48	4.69	0.28	0.070	0.013	0.070	0.000	598.00	0.00
0.000190	35.	35.	35.	2	0	7	0.00	542.35	542.35

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 5619.000
3280 CROSS SECTION 5619.00 EXTENDED 1.07 FEET

UPSTREAM OF KATHERINE RD.

5619.00	10.67	608.77	0.00	0.00	608.79	0.02	0.02	0.03	605.20
1657.	0.	0.	1657.	0.	0.	1501.	213.	78.	657.70
1.00	0.00	0.00	1.10	0.000	0.000	0.070	0.000	598.10	0.00
0.000671	49.	49.	49.	2	0	0	0.00	631.98	631.98

*SECNO 6944.000
DOWNSTREAM OF PARDEE RD.

6944.00	10.22	609.62	0.00	0.00	609.81	0.19	0.97	0.05	606.30
1657.	357.	1079.	221.	354.	250.	250.	249.	93.	606.70
1.12	1.01	4.32	0.88	0.070	0.035	0.070	0.000	599.40	314.73
0.000803	1325.	1325.	1325.	2	0	0	0.00	386.33	701.06

CCHV= 0.300 CEHV= 0.500
*SECNO 6993.000

6993.00	9.81	609.51	0.00	0.00	610.03	0.52	0.06	0.17	609.40
1657.	0.	1643.	14.	1.	282.	38.	249.	94.	609.30
1.12	0.13	5.83	0.36	0.070	0.035	0.070	0.000	599.70	381.88
0.001870	49.	49.	49.	2	0	0	0.00	218.85	600.73

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.09	2.63	0.00	25.00	0.00	128.00	0.00	600.00	600.00

*SECNO 7107.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.95	610.33	0.00	984.	680.	128.	190.	607.20	609.30

7107.00	10.35	610.05	0.00	0.00	610.43	0.38	0.39	0.00	609.40
1657.	22.	1551.	85.	55.	304.	137.	250.	94.	609.30
1.13	0.39	5.10	0.62	0.070	0.035	0.070	0.000	599.70	229.85
0.001293	114.	114.	114.	2	0	5	0.00	416.05	645.90

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 7156.000									
UPSTREAM OF PARDEE RD.									
7156.00	10.99	610.39	0.00	0.00	610.49	0.10	0.03	0.03	606.30
1657.	442.	911.	303.	558.	275.	399.	251.	95.	606.70
1.13	0.79	3.31	0.76	0.070	0.035	0.070	0.000	599.40	134.76
0.000414	49.	49.	49.	2	0	0	0.00	614.71	749.47
*SECNO 8835.000									
DOWNSTREAM OF BIRCH RD.									
8835.00	9.66	611.16	0.00	0.00	611.26	0.11	0.77	0.90	608.20
1657.	284.	906.	467.	375.	260.	485.	297.	115.	607.90
1.33	0.76	3.48	0.96	0.070	0.035	0.070	0.000	601.50	280.50
0.000515	1679.	1679.	1679.	2	0	0	0.00	446.21	726.71
*SECNO 8884.000									
8884.00	9.57	611.17	0.00	0.00	611.31	0.13	0.04	0.01	609.50
1657.	463.	842.	352.	422.	214.	330.	298.	116.	609.50
1.34	1.10	3.93	1.07	0.070	0.035	0.070	0.000	601.60	151.10
0.001092	49.	49.	49.	0	0	0	0.00	482.81	633.90
CCHV= 0.300 CEHV= 0.500									
*SECNO 8886.000									
3370 NORMAL BRIDGE, NRD= 26 MIN ELTRD= 608.70 MAX ELLC= 615.00									
8886.00	9.64	611.24	0.00	0.00	611.32	0.08	0.00	0.01	609.50
1657.	519.	460.	678.	438.	135.	343.	298.	116.	609.50
1.34	1.18	3.40	1.93	0.070	0.035	0.070	0.000	601.60	147.83
0.003618	2.	2.	2.	2	0	0	-80.83	489.34	637.17
*SECNO 8916.000									
3370 NORMAL BRIDGE, NRD= 26 MIN ELTRD= 609.50 MAX ELLC= 608.60									
8916.00	9.76	611.36	0.00	0.00	611.43	0.07	0.10	0.00	609.50
1657.	518.	445.	694.	467.	139.	367.	299.	116.	609.50
1.34	1.11	3.21	1.89	0.070	0.035	0.070	0.000	601.60	142.21
0.003126	30.	30.	30.	2	0	0	-80.83	500.59	642.79

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 8918.000									
8918.00	9.73	611.33	0.00	0.00	611.44	0.11	0.00	0.01	609.50
1657.	484.	803.	370.	461.	219.	362.	299.	116.	609.50
1.34	1.05	3.67	1.02	0.070	0.035	0.070	0.000	601.60	143.37
0.000924	2.	2.	2.	2	0	0	0.00	498.26	641.63
*SECNO 8967.000									
UPSTREAM OF BIRCH RD.									
8967.00	9.89	611.39	0.00	0.00	611.47	0.09	0.03	0.00	608.20
1657.	312.	862.	483.	428.	268.	530.	300.	117.	607.90
1.35	0.73	3.21	0.91	0.070	0.035	0.070	0.000	601.50	270.20
0.000421	49.	49.	49.	2	0	0	0.00	459.92	730.12
*SECNO 9535.000									
DOWNSTREAM OF OAK RD.									
9535.00	9.51	611.61	0.00	0.00	611.91	0.31	0.37	0.07	607.80
1657.	344.	1244.	69.	332.	244.	91.	312.	123.	609.40
1.39	1.04	5.09	0.75	0.070	0.035	0.070	0.000	602.10	223.96
0.001170	568.	568.	568.	2	0	0	0.00	426.74	650.70
CCHV= 0.300 CEHV= 0.500									
*SECNO 9584.000									
9584.00	9.99	611.79	0.00	0.00	612.00	0.21	0.06	0.03	610.00
1657.	252.	1130.	276.	281.	253.	282.	313.	123.	610.00
1.39	0.89	4.46	0.98	0.070	0.035	0.070	0.000	601.80	78.90
0.001351	49.	49.	49.	2	0	0	0.00	608.37	687.77

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	21.00	0.00	84.00	0.00	601.80	601.80

*SECNO 9616.000

6870 D.S. ENERGY OF 612.00 HIGHER THAN COMPUTED ENERGY OF 611.94
PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
621.21	612.00	0.00	1435.	211.	84.	155.	609.20	610.00
9616.00	9.99	611.79	0.00	0.00	612.00	0.22	0.00	0.00	610.00
1657.	251.	1130.	276.	281.	253.	282.	314.	124.	610.00
1.40	0.89	4.46	0.98	0.070	0.035	0.070	0.000	601.30	79.09
0.001354	32.	32.	32.	2	0	7	0.00	608.49	687.58

CCHV= 0.100 CEHV= 0.300

*SECNO 9665.000

UPSTREAM OF OAK RD.

9665.00	9.72	611.82	0.00	0.00	612.07	0.25	0.06	0.01	607.80
1657.	384.	1187.	86.	393.	252.	118.	315.	124.	609.40
1.40	0.98	4.72	0.73	0.070	0.035	0.070	0.000	602.10	198.88
0.000969	49.	49.	49.	2	0	0	0.00	469.18	668.06

*SECNO 10320.000

3280 CROSS SECTION 10320.00 EXTENDED 0.49 FEET

DOWNSTREAM OF SYRACUSE RD.

10320.00	9.39	612.49	0.00	0.00	612.94	0.45	0.82	0.36	611.60
1657.	19.	1584.	53.	29.	287.	88.	323.	130.	611.40
1.43	0.66	5.53	0.61	0.070	0.035	0.070	0.000	603.10	454.63
0.001657	655.	655.	655.	2	0	0	0.00	245.37	700.00

CCHV= 0.300 CEHV= 0.500

*SECNO 10369.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10369.00 EXTENDED 0.90 FEET

10369.00	8.20	612.40	0.00	0.00	613.10	0.69	0.03	0.12	612.20
1657.	0.	1623.	34.	3.	240.	99.	324.	130.	612.80
1.44	0.09	6.76	0.34	0.070	0.013	0.070	0.000	604.20	366.93
0.000382	49.	49.	49.	2	0	0	0.00	214.60	600.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.63	0.00	20.00	0.00	78.00	0.00	604.20	604.20

*SECNO 10431.000

3265 DIVIDED FLOW

3280 CROSS SECTION 10431.00 EXTENDED 1.46 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
626.00	613.10	0.00	1201.	466.	78.	128.	610.60	612.20

10431.00	8.75	612.95	0.00	0.00	613.48	0.53	0.38	0.00	612.20
1657.	6.	1578.	73.	26.	263.	183.	324.	130.	612.80
1.44	0.24	6.00	0.40	0.070	0.013	0.070	0.000	604.20	188.83
0.000273	62.	62.	62.	2	0	6	0.00	265.80	600.00

CCHV= 0.100 CEHV= 0.300

*SECNO 10480.000

3280 CROSS SECTION 10480.00 EXTENDED 1.30 FEET

UPSTREAM OF SYRACUSE RD.

10480.00	10.19	613.29	0.00	0.00	613.53	0.24	0.02	0.03	611.60
1657.	107.	1388.	162.	134.	324.	212.	325.	131.	611.40
1.44	0.58	4.29	0.76	0.070	0.035	0.070	0.000	603.10	263.25
0.000847	49.	49.	49.	2	0	0	0.00	436.75	700.00

*SECNO 11370.000

DOWNSTREAM AT NB TELEGRAPH RD.

11370.00	9.59	614.09	0.00	0.00	614.68	0.60	1.04	0.11	608.80
1657.	93.	1535.	29.	58.	239.	31.	336.	136.	611.90
1.48	1.59	6.44	0.94	0.070	0.035	0.070	0.000	604.50	456.31
0.001732	890.	890.	890.	2	0	0	0.00	114.80	571.11

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 11419.000

11419.00	9.28	614.28	0.00	0.00	614.78	0.50	0.06	0.03	614.80
1657.	0.	1657.	0.	0.	293.	0.	336.	136.	614.60
1.49	0.00	5.66	0.00	0.000	0.026	0.000	0.000	605.00	400.88
0.000970	49.	49.	49.	2	0	0	0.00	45.79	446.67

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.91	2.63	0.00	25.00	0.00	130.00	0.00	605.00	605.00

*SECNO 11480.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
619.10	614.78	0.00	743.	915.	130.	152.	611.10	614.60

11480.00	10.41	615.41	0.00	0.00	615.75	0.34	0.97	0.00	614.80
1657.	10.	1633.	15.	38.	346.	49.	337.	137.	614.60
1.49	0.25	4.72	0.30	0.070	0.026	0.070	0.000	605.00	274.09
0.000563	61.	61.	61.	2	0	5	0.00	307.37	581.46

CCHV= 0.100 CEHV= 0.300
*SECNO 11510.000

3265 DIVIDED FLOW

UPSTREAM OF NB TELEGRAPH RD.
DOWNSTREAM OF SB TELEGRAPH RD.

11510.00	10.44	615.64	0.00	0.00	615.78	0.14	0.01	0.02	613.60
1657.	95.	1498.	65.	218.	466.	143.	337.	137.	613.40
1.49	0.43	3.21	0.45	0.070	0.035	0.073	0.000	605.20	268.08
0.000413	30.	30.	30.	2	0	0	0.00	479.81	827.70

*SECNO 11510.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	OLOB	OCH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
11510.00	10.44	615.64	0.00	0.00	615.78	0.15	0.00	0.00	613.60
1657.	95.	1498.	65.	218.	466.	143.	337.	137.	613.40
1.49	0.43	3.21	0.45	0.070	0.035	0.070	0.000	605.20	268.09
0.000413	0.	0.	0.	0	0	0	0.00	479.67	827.65
CCHV= 0.300 CEHV= 0.500									
*SECNO 11559.000									
11559.00	10.20	615.60	0.00	0.00	615.87	0.27	0.02	0.06	616.30
1657.	0.	1652.	5.	0.	394.	24.	338.	137.	614.90
1.50	0.00	4.20	0.22	0.000	0.026	0.070	0.000	605.40	501.30
0.000429	49.	49.	49.	2	0	0	0.00	120.35	621.65

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	2.63	0.00	26.00	0.00	205.00	0.00	605.40	605.40

*SECNO 11622.000
3280 CROSS SECTION 11622.00 EXTENDED 0.72 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
617.39	615.87	0.00	66.	1603.	205.	218.	613.80	616.20

11622.00	11.72	617.12	0.00	0.00	617.27	0.16	1.41	0.00	616.30
1657.	14.	1558.	85.	78.	475.	214.	339.	138.	614.90
1.50	0.18	3.28	0.40	0.070	0.026	0.070	0.000	605.40	260.69
0.000210	63.	63.	63.	2	0	2	0.00	439.31	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11671.000
3280 CROSS SECTION 11671.00 EXTENDED 1.29 FEET

UPSTREAM OF SB TELEGRAPH RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
11671.00	12.09	617.29	0.00	0.00	617.30	0.01	0.01	0.01	613.60
1657.	0.	0.	1657.	0.	0.	1917.	340.	138.	668.00
1.52	0.00	0.00	0.86	0.000	0.000	0.070	0.000	605.20	171.07
0.000263	49.	49.	49.	2	0	0	0.00	728.93	900.00

*SECNO 12346.000
3230 CROSS SECTION 12346.00 EXTENDED 2.89 FEET

DOWNSTREAM OF FARM BRIDGE

12346.00	10.69	617.39	0.00	0.00	617.40	0.01	0.10	0.00	612.80
1657.	1097.	387.	173.	1996.	250.	520.	376.	150.	614.90
1.76	0.55	1.55	0.33	0.070	0.035	0.070	0.000	606.70	0.00
0.000101	675.	675.	675.	2	0	0	0.00	800.00	800.00

*SECNO 12395.000
3230 CROSS SECTION 12395.00 EXTENDED 3.20 FEET

12395.00	11.79	617.39	0.00	0.00	617.41	0.02	0.01	0.00	614.20
1657.	999.	479.	179.	1678.	230.	541.	379.	151.	614.00
1.78	0.60	1.71	0.33	0.070	0.035	0.070	0.000	605.60	0.00
0.000113	49.	49.	49.	0	0	0	0.00	760.00	760.00

CCHV= 0.300 CEHV= 0.500
*SECNO 12397.000
3230 CROSS SECTION 12397.00 EXTENDED 3.20 FEET

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 614.20

12397.00	11.81	617.41	0.00	0.00	617.41	0.01	0.00	0.00	614.20
1657.	1206.	235.	216.	1678.	245.	541.	380.	151.	614.00
1.78	0.72	0.96	0.40	0.070	0.035	0.070	0.000	605.60	0.00
0.000164	2.	2.	2.	1	0	0	-35.30	760.00	760.00

*SECNO 12403.000
3230 CROSS SECTION 12403.00 EXTENDED 3.21 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.00 MAX ELLC= 612.80									
12403.00	11.31	617.41	0.00	0.00	617.42	0.01	0.00	0.00	614.20
1657.	1205.	235.	217.	1680.	245.	543.	380.	151.	614.00
1.78	0.72	0.96	0.40	0.070	0.035	0.070	0.000	605.60	0.00
0.000163	6.	6.	6.	0	0	0	-35.30	760.00	760.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 12405.000									
3280 CROSS SECTION 12405.00 EXTENDED 3.21 FEET									
12405.00	11.80	617.40	0.00	0.00	617.42	0.02	0.00	0.00	614.20
1657.	999.	478.	180.	1681.	280.	543.	380.	151.	614.00
1.78	0.59	1.71	0.33	0.070	0.035	0.070	0.000	605.60	0.00
0.000112	2.	2.	2.	0	0	0	0.00	760.00	760.00
*SECNO 12454.000									
3280 CROSS SECTION 12454.00 EXTENDED 2.91 FEET									
UPSTREAM OF FARM BRIDGE									
12454.00	10.71	617.41	0.00	0.00	617.42	0.01	0.01	0.00	612.80
1657.	1096.	386.	175.	2004.	251.	524.	383.	152.	614.90
1.80	0.55	1.54	0.33	0.070	0.035	0.070	0.000	606.70	0.00
0.000100	49.	49.	49.	0	0	0	0.00	800.00	800.00
*SECNO 14585.000									
3301 HV CHANGED MORE THAN HVINS									
DOWNSTREAM OF WESTLAKE RD.									
14585.00	10.69	617.59	0.00	0.00	618.19	0.60	0.59	0.18	615.80
1657.	74.	1554.	29.	68.	243.	36.	459.	176.	616.20
1.90	1.08	6.39	0.82	0.070	0.035	0.070	0.000	606.90	420.48
0.002421	2131.	2131.	2131.	2	[illegible]	0	0.00	169.17	589.65
CCHV= 0.300 CEHV= 0.500									
*SECNO 14634.000									

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA.	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 14634.00 EXTENDED 0.58 FEET									
14634.00	12.19	618.09	0.00	0.00	618.31	0.23	0.02	0.11	616.00
1657.	141.	1314.	202.	486.	306.	593.	460.	176.	616.00
1.90	0.29	4.30	0.34	0.070	0.013	0.070	0.000	605.90	0.00
0.000122	49.	49.	49.	3	0	0	0.00	800.00	800.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	12.00	0.00	76.00	0.00	605.90	605.90

*SECNO 14672.000
6870 D.S. ENERGY OF 618.31 HIGHER THAN COMPUTED ENERGY OF 618.16
3280 CROSS SECTION 14672.00 EXTENDED 0.59 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
629.60	618.31	0.00	1524.	138.	76.	94.	613.70	616.00
14672.00	12.19	618.09	0.00	0.00	618.31	0.23	0.00	0.00	616.00
1657.	141.	1314.	202.	487.	306.	594.	462.	177.	616.00
1.91	0.29	4.30	0.34	0.070	0.013	0.070	0.000	605.90	0.00
0.000122	38.	39.	38.	2	0	7	0.00	800.00	800.00

CCHV= 1.100 CEHV= 0.300
*SECNO 14721.000
UPSTREAM OF WESTLAKE RD.

14721.00	11.24	618.14	0.00	0.00	618.33	0.19	0.02	0.00	615.80
1657.	0.	0.	1657.	0.	0.	474.	463.	178.	670.20
1.91	0.00	0.00	3.50	0.000	0.000	0.070	0.000	606.90	371.14
0.004091	49.	49.	49.	2	0	0	0.00	304.39	675.53

*SECNO 17010.000
3280 CROSS SECTION 17010.00 EXTENDED 0.16 FEET

DOWNSTREAM OF BEECH DALY RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRITS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
17010.00	11.86	621.16	0.00	0.00	621.34	0.19	3.01	0.00	617.90
1657.	221.	1206.	230.	408.	298.	240.	500.	203.	617.10
2.11	0.54	4.04	0.96	0.070	0.035	0.070	0.000	609.30	0.00
0.000640	2239.	2289.	2289.	3	0	0	0.00	654.00	654.00

CCHV= 0.300 CEHV= 0.500
*SECNO 17059.000
3280 CROSS SECTION 17059.00 EXTENDED 0.78 FEET

17059.00	11.58	621.18	0.00	0.00	621.38	0.20	0.03	0.00	610.80
1657.	621.	838.	198.	652.	172.	145.	501.	203.	610.80
2.12	0.95	4.88	1.36	0.060	0.035	0.070	0.000	609.60	0.00
0.000576	49.	49.	49.	2	0	0	0.00	482.01	482.01

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.20	2.63	0.00	15.00	0.00	80.00	0.00	609.60	609.60

*SECNO 17239.000
6870 D.S. ENERGY OF 621.38 HIGHER THAN COMPUTED ENERGY OF 621.36
3280 CROSS SECTION 17239.00 EXTENDED 0.79 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
642.50	621.38	0.00	1506.	150.	80.	107.	616.70	619.90

17239.00	11.59	621.19	0.00	0.00	621.38	0.19	0.00	0.00	610.80
1657.	624.	836.	197.	656.	172.	146.	505.	205.	610.80
2.13	0.95	4.86	1.36	0.060	0.035	0.070	0.000	609.60	0.00
0.000572	180.	180.	180.	2	0	0	0.00	482.21	482.21

CCHV= 0.100 CEHV= 0.300
*SECNO 17288.000
3280 CROSS SECTION 17288.00 EXTENDED 0.24 FEET

UPSTREAM OF BEECH DALY RD.

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
17288.00	11.94	621.24	0.00	0.00	621.41	0.17	0.03	0.00	617.90
1657.	243.	1131.	233.	446.	301.	249.	506.	206.	617.10
2.14	0.54	3.92	0.94	0.070	0.035	0.070	0.000	609.30	0.00
0.000596	49.	49.	49.	2	0	0	0.00	655.91	655.91

*SECNO 18250.000

3265 DIVIDED FLOW

3280 CROSS SECTION 18250.00 EXTENDED 0.34 FEET

DOWNSTREAM OF BACKYARD BRIDGE

18250.00	9.74	621.74	0.00	0.00	621.78	0.04	0.36	0.01	617.60
1657.	773.	635.	249.	1182.	253.	374.	537.	222.	617.80
2.33	0.65	2.51	0.67	0.070	0.035	0.070	0.000	612.00	0.00
0.000255	962.	962.	962.	2	0	0	0.00	782.20	800.00

*SECNO 18299.000

3280 CROSS SECTION 18299.00 EXTENDED 1.96 FEET

18299.00	11.16	621.76	0.00	0.00	621.79	0.03	0.01	0.00	619.20
1657.	606.	911.	140.	1092.	472.	379.	539.	223.	618.40
2.34	0.56	1.93	0.37	0.070	0.035	0.070	0.000	610.60	0.00
0.000164	49.	49.	49.	0	0	0	0.00	776.07	776.07

CCHV= 0.300 CEHV= 0.500

*SECNO 18301.000

3280 CROSS SECTION 18301.00 EXTENDED 1.98 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 619.20

18301.00	11.18	621.78	0.00	0.00	621.80	0.01	0.00	0.01	619.20
1657.	893.	556.	208.	1101.	431.	386.	539.	223.	618.40
2.34	0.81	1.29	0.54	0.070	0.035	0.070	0.000	610.60	0.00
0.000347	2.	2.	2.	2	0	0	-42.75	778.37	778.37

*SECNO 18307.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 18307.00 EXTENDED 1.99 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 617.60 MAX ELLC= 616.60

18307.00	11.19	621.79	0.00	0.00	621.80	0.01	0.00	0.00	619.20
1657.	893.	556.	209.	1102.	431.	387.	540.	223.	618.40
2.35	0.81	1.29	0.54	0.070	0.035	0.070	0.000	610.60	0.00
0.000347	6.	6.	6.	0	0	0	-42.75	778.52	778.52

CCHV= 0.100 CEHV= 0.300
*SECNO 18309.000
3280 CROSS SECTION 18309.00 EXTENDED 1.98 FEET

18309.00	11.17	621.77	0.00	0.00	621.81	0.03	0.00	0.01	619.20
1657.	608.	908.	142.	1099.	473.	385.	540.	223.	618.40
2.35	0.55	1.92	0.37	0.070	0.035	0.070	0.000	610.60	0.00
0.000162	2.	2.	2.	1	0	0	0.00	778.00	778.00

*SECNO 18358.000

3265 DIVIDED FLOW

3280 CROSS SECTION 18358.00 EXTENDED 0.39 FEET

UPSTREAM OF BACKYARD BRIDGE

18358.00	9.78	621.78	0.00	0.00	621.82	0.04	0.01	0.00	617.60
1657.	779.	528.	250.	1205.	254.	385.	542.	224.	617.80
2.36	0.65	2.47	0.65	0.070	0.035	0.070	0.000	612.00	0.00
0.000245	49.	49.	49.	0	0	0	0.00	795.80	800.00

*SECNO 18630.000

3265 DIVIDED FLOW

DOWNSTREAM OF CONTINENTAL DR.

18630.00	11.18	621.78	0.00	0.00	621.96	0.18	0.10	0.04	621.10
1657.	48.	1599.	10.	120.	465.	33.	549.	228.	620.00
2.38	0.40	3.44	0.31	0.070	0.035	0.070	0.000	610.60	153.89
0.000645	272.	272.	272.	2	0	0	0.00	436.23	735.49

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 18679.000									
3280 CROSS SECTION	18679.00	EXTENDED	0.33	FEET					
18679.00	11.03	621.83	0.00	0.00	622.05	0.17	0.03	0.00	621.30
1657.	286.	1273.	98.	439.	340.	208.	550.	228.	621.10
2.38	0.65	3.74	0.47	0.070	0.035	0.070	0.000	610.80	0.00
0.000743	49.	49.	49.	2	0	0	0.00	802.31	802.31
CCHV= 0.300 CEHV= 0.500									
*SECNO 18681.000									
3280 CROSS SECTION	18681.00	EXTENDED	0.39	FEET					
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 621.30									
18681.00	11.09	621.89	0.00	0.00	622.01	0.12	0.00	0.01	621.30
1657.	503.	971.	183.	465.	276.	232.	550.	229.	621.10
2.38	1.08	3.52	0.79	0.070	0.026	0.070	0.000	610.80	0.00
0.001912	2.	2.	2.	2	0	0	-68.00	807.88	807.88
*SECNO 18717.000									
3280 CROSS SECTION	18717.00	EXTENDED	0.48	FEET					
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 621.10 MAX ELLC= 619.60									
18717.00	11.18	621.98	0.00	0.00	622.08	0.10	0.06	0.01	621.30
1657.	524.	929.	204.	500.	280.	262.	551.	229.	621.10
2.39	1.05	3.32	0.78	0.070	0.026	0.070	0.000	610.80	0.00
0.001659	36.	36.	36.	2	0	0	-68.00	815.02	815.02
CCHV= 0.100 CEHV= 0.300									
*SECNO 18719.000									
3280 CROSS SECTION	18719.00	EXTENDED	0.45	FEET					
18719.00	11.15	621.95	0.00	0.00	622.10	0.14	0.00	0.01	621.30
1657.	315.	1222.	120.	439.	347.	252.	551.	229.	621.10
2.39	0.64	3.53	0.47	0.070	0.035	0.070	0.000	610.80	0.00
0.000642	2.	2.	2.	2	0	0	0.00	812.74	812.74

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 18768.000

3265 DIVIDED FLOW

UPSTREAM OF CONTINENTAL DR.

18768.00	11.48	622.08	0.00	0.00	622.15	0.07	0.05	0.01	621.10
1657.	0.	0.	1657.	0.	0.	759.	552.	230.	673.00
2.39	0.00	0.00	2.18	0.000	0.000	0.070	0.000	610.60	136.61
0.001645	49.	49.	49.	2	0	0	0.00	528.92	772.20

*SECNO 19845.000

DOWNSTREAM OF HOLLAND RD.

19845.00	10.61	623.11	0.00	0.00	623.21	0.10	1.05	0.01	621.50
1657.	480.	824.	353.	510.	242.	473.	577.	245.	619.80
2.54	0.94	3.40	0.75	0.070	0.035	0.070	0.000	612.50	244.52
0.000643	1077.	1077.	1077.	2	0	0	0.00	660.47	904.98

CCHV= 0.300 CEHV= 0.500

*SECNO 19894.000

3265 DIVIDED FLOW

19894.00	10.05	623.05	0.00	0.00	623.37	0.32	0.05	0.11	623.50
1657.	502.	1155.	0.	400.	216.	0.	578.	245.	623.60
2.54	1.26	5.34	0.00	0.070	0.035	0.000	0.000	613.00	121.21
0.001862	49.	49.	49.	2	0	0	0.00	362.89	536.95

SPECIAL BRIDGE

SS	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.58	2.63	0.00	14.00	0.00	99.00	0.00	613.00	613.00

*SECNO 20007.000

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
634.27	623.37	0.00	1315.	355.	99.	126.	622.00	623.50
20007.00	10.33	623.33	0.00	0.00	623.57	0.23	0.20	0.00	623.50
1657.	584.	1073.	0.	502.	227.	0.	580.	246.	623.60
2.55	1.16	4.73	0.00	0.070	0.035	0.000	0.000	613.00	72.48
0.001417	113.	113.	113.	2	0	6	0.00	437.75	537.50

CCHV= 0.100 CEHV= 0.300

*SECNO 20056.000

UPSTREAM OF HOLLAND RD.

20056.00	11.06	623.56	0.00	0.00	623.62	0.06	0.03	0.02	621.50
1657.	509.	721.	427.	630.	259.	643.	581.	247.	619.80
2.56	0.81	2.79	0.66	0.070	0.035	0.070	0.000	612.50	222.04
0.000395	49.	49.	49.	2	0	3	0.00	703.39	925.42

*SECNO 21606.000

3280 CROSS SECTION 21606.00 EXTENDED 1.20 FEET

DOWNSTREAM OF FARM BRIDGE

21606.00	9.40	624.20	0.00	0.00	624.26	0.07	0.64	0.00	621.80
1394.	692.	670.	32.	971.	234.	62.	631.	270.	621.80
2.80	0.71	2.86	0.51	0.070	0.035	0.070	0.000	614.30	0.00
0.000440	1550.	1550.	1550.	3	0	0	0.00	588.39	588.39

*SECNO 21655.000

3280 CROSS SECTION 21655.00 EXTENDED 0.77 FEET

21655.00	8.47	624.27	0.00	0.00	624.28	0.01	0.01	0.01	622.60
791.	488.	286.	17.	986.	199.	67.	632.	271.	622.50
2.82	0.49	1.44	0.25	0.070	0.035	0.070	0.000	615.80	0.00
0.000150	49.	49.	49.	2	0	0	0.00	526.60	526.60

CCHV= 0.300 CEHV= 0.500

*SECNO 21657.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 21657.00 EXTENDED 0.77 FEET									
3370 NORMAL BRIDGE, NRD= 11 MIN ELTRD= 621.10 MAX ELLC= 621.80									
21657.00	8.46	624.26	0.00	0.00	624.29	0.02	0.00	0.00	622.60
791.	570.	202.	20.	987.	90.	67.	632.	271.	622.50
2.82	0.58	2.23	0.29	0.070	0.013	0.070	0.000	615.80	0.00
0.000204	2.	2.	2.	0	0	0	-109.00	526.66	526.66
*SECNO 21680.000									
3280 CROSS SECTION 21680.00 EXTENDED 0.77 FEET									
3370 NORMAL BRIDGE, NRD= 11 MIN ELTRD= 622.60 MAX ELLC= 621.80									
21680.00	8.47	624.27	0.00	0.00	624.29	0.02	0.00	0.00	622.60
791.	570.	202.	20.	986.	90.	67.	633.	271.	622.50
2.83	0.58	2.24	0.29	0.070	0.013	0.070	0.000	615.80	0.00
0.000205	23.	23.	23.	0	0	0	-109.00	526.57	526.57
CCHV= 0.100 CEHV= 0.300									
*SECNO 21682.000									
3280 CROSS SECTION 21682.00 EXTENDED 0.77 FEET									
21682.00	8.48	624.28	0.00	0.00	624.29	0.01	0.00	0.00	622.60
791.	488.	286.	17.	989.	200.	67.	633.	271.	622.50
2.83	0.49	1.43	0.25	0.070	0.035	0.070	0.000	615.80	0.00
0.000149	2.	2.	2.	1	0	0	0.00	527.19	527.19
*SECNO 21731.000									
3280 CROSS SECTION 21731.00 EXTENDED 1.29 FEET									
UPSTREAM OF FARM BRIDGE									
21731.00	9.48	624.28	0.00	0.00	624.30	0.02	0.01	0.00	621.80
791.	401.	370.	19.	1015.	237.	67.	634.	272.	621.80
2.84	0.40	1.55	0.29	0.070	0.035	0.070	0.000	614.80	0.00
0.000128	49.	49.	49.	0	0	0	0.00	589.69	589.69

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 23500.000

DOWNSTREAM OF INKSTER RD

23500.00	7.43	624.63	C.00	0.00	624.71	0.08	0.39	0.02	622.50
791.	82.	529.	180.	148.	194.	323.	675.	293.	622.50
3.09	0.55	2.72	0.56	0.070	0.035	0.070	0.000	617.20	368.36
0.000479	1769.	1769.	1769.	2	0	0	0.00	455.69	824.05

PRINTED IN U.S.A.

THIS RUN EXECUTED 21 AUG 84 9:03:53

****
HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR FREQU

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
200.000	600.50	0.00	600.74	102.49	14.00	814.10	2.89	0.00	0.00	600.00	636.00	0.00
200.000	601.60	0.00	601.84	194.62	61.89	1018.61	48.50	0.00	0.00	600.00	636.00	0.00
200.000	602.00	0.00	602.25	236.54	97.74	1129.73	84.54	0.00	0.00	600.00	636.00	0.00
200.000	603.20	0.00	603.39	787.31	356.65	1283.14	232.21	0.00	0.00	600.00	636.00	0.00
650.000	600.98	0.00	601.18	141.36	36.81	794.19	0.00	0.00	0.00	500.00	544.00	0.00
650.000	602.03	0.00	602.21	243.81	163.50	964.87	0.63	0.00	0.00	500.00	544.00	0.00
650.000	602.44	0.00	602.62	351.91	249.76	1058.62	3.62	0.00	0.00	500.00	544.00	0.00
650.000	603.54	0.00	603.67	624.20	649.32	1190.72	31.97	0.00	0.00	500.00	544.00	0.00
699.000	601.00	0.00	601.27	41.51	0.00	831.00	0.00	0.00	0.00	490.00	534.00	0.00
699.000	602.01	0.00	602.33	139.48	9.96	1117.93	1.11	0.00	0.00	490.00	534.00	0.00
699.000	602.41	0.00	602.76	228.78	43.70	1261.54	6.76	0.00	0.00	490.00	534.00	0.00
699.000	603.52	0.00	603.77	627.81	394.21	1414.96	62.84	0.00	0.00	490.00	534.00	0.00
714.000	602.09	0.00	602.26	153.67	10.03	819.67	1.30	0.00	0.00	490.00	534.00	0.00
714.000	602.57	0.00	602.80	268.57	54.61	1065.43	8.96	0.00	0.00	490.00	534.00	0.00
714.000	602.71	0.00	602.99	336.83	84.44	1213.45	14.11	0.00	0.00	490.00	534.00	0.00
714.000	603.52	0.00	603.77	628.11	395.55	1413.39	63.07	0.00	0.00	490.00	534.00	0.00
763.000	602.22	0.00	602.29	268.71	154.64	675.12	1.24	0.00	0.00	500.00	544.00	0.00
763.000	602.75	0.00	602.85	533.70	291.70	830.26	7.04	0.00	0.00	500.00	544.00	0.00
763.000	602.94	0.00	603.04	585.93	378.34	922.48	11.18	0.00	0.00	500.00	544.00	0.00
763.000	603.72	0.00	603.81	639.83	758.58	1070.97	42.45	0.00	0.00	500.00	544.00	0.00
1313.000	602.42	0.00	602.52	466.29	168.33	604.17	58.00	0.00	0.00	500.00	532.00	0.00
1313.000	602.99	0.00	603.08	597.88	339.84	667.99	121.17	0.00	0.00	500.00	532.00	0.00
1313.000	603.21	0.00	603.29	700.00	439.28	712.41	160.31	0.00	0.00	500.00	532.00	0.00
1313.000	603.97	0.00	604.04	700.00	806.29	769.93	295.78	0.00	0.00	500.00	532.00	0.00
1362.000	602.35	0.00	602.67	27.22	0.00	831.00	0.00	0.00	0.00	200.00	230.00	0.00
1362.000	602.82	0.00	603.33	31.32	0.00	1128.80	0.20	0.00	0.00	200.00	230.00	0.00
1362.000	602.97	0.00	603.62	33.14	0.00	1311.40	0.60	0.00	0.00	200.00	230.00	0.00
1362.000	603.47	0.00	604.63	39.33	0.00	1866.58	5.42	0.00	0.00	200.00	230.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1399.000	603.14	0.00	603.39	35.27	0.00	830.15	0.85	0.00	0.00	200.00	230.00	0.00
1399.000	604.41	0.00	604.74	50.97	0.00	1112.43	16.57	0.00	0.00	200.00	230.00	0.00
1399.000	605.21	0.00	605.55	60.80	0.00	1270.23	41.77	0.00	0.00	200.00	230.00	0.00
1399.000	606.32	0.00	606.79	213.51	45.09	1708.66	118.25	0.00	0.00	200.00	230.00	0.00
1448.000	603.45	0.00	603.47	700.00	307.05	410.97	112.97	0.00	0.00	500.00	532.00	0.00
1448.000	604.83	0.00	604.84	700.00	563.02	362.73	203.25	0.00	0.00	500.00	532.00	0.00
1448.000	605.65	0.00	605.66	700.00	708.69	351.02	252.29	0.00	0.00	500.00	532.00	0.00
1448.000	606.93	0.00	606.93	700.00	1085.65	406.19	380.17	0.00	0.00	500.00	532.00	0.00
1998.000	603.53	0.00	603.56	572.12	369.11	406.43	55.47	0.00	0.00	300.00	335.00	0.00
1998.000	604.86	0.00	604.88	600.00	539.24	390.97	198.80	0.00	0.00	300.00	335.00	0.00
1998.000	605.68	0.00	605.69	600.00	636.38	386.67	288.96	0.00	0.00	300.00	335.00	0.00
1998.000	606.95	0.00	606.96	600.00	916.52	457.08	498.40	0.00	0.00	300.00	335.00	0.00
2047.000	603.50	0.00	603.59	300.00	0.00	676.45	154.55	0.00	0.00	300.00	333.00	0.00
2047.000	604.85	0.00	604.89	600.00	67.98	647.98	413.03	0.00	0.00	300.00	333.00	0.00
2047.000	605.67	0.00	605.70	600.00	178.77	600.03	533.20	0.00	0.00	300.00	333.00	0.00
2047.000	606.94	0.00	606.96	600.00	418.39	646.23	807.37	0.00	0.00	300.00	333.00	0.00
2049.000	603.51	0.00	603.59	300.00	0.00	458.86	372.14	0.00	0.00	300.00	333.00	0.00
2049.000	604.88	0.00	604.90	600.00	122.22	285.81	720.96	0.00	0.00	300.00	333.00	0.00
2049.000	605.69	0.00	605.70	600.00	267.81	245.21	798.98	0.00	0.00	300.00	333.00	0.00
2049.000	606.96	0.00	606.97	600.00	552.82	252.49	1066.69	0.00	0.00	300.00	333.00	0.00
2076.000	603.62	0.00	603.68	307.44	0.01	379.62	451.38	0.00	0.00	300.00	333.00	0.00
2076.000	604.90	0.00	604.92	600.00	124.34	284.15	720.51	0.00	0.00	300.00	333.00	0.00
2076.000	605.70	0.00	605.71	600.00	269.88	243.93	798.19	0.00	0.00	300.00	333.00	0.00
2076.000	606.96	0.00	606.97	600.00	553.87	251.94	1066.19	0.00	0.00	300.00	333.00	0.00
2078.000	603.60	0.00	603.69	300.70	0.00	680.92	150.08	0.00	0.00	300.00	333.00	0.00
2078.000	604.88	0.00	604.93	600.00	64.31	685.85	378.84	0.00	0.00	300.00	333.00	0.00
2078.000	605.69	0.00	605.72	600.00	167.49	648.44	496.07	0.00	0.00	300.00	333.00	0.00
2078.000	606.95	0.00	606.98	600.00	396.48	711.85	763.68	0.00	0.00	300.00	333.00	0.00
2127.000	603.71	0.00	603.71	579.41	0.00	0.00	831.00	0.00	0.00	300.00	0.00	0.00
2127.000	604.94	0.00	604.94	600.00	0.00	0.00	1129.00	0.00	0.00	300.00	0.00	0.00
2127.000	605.72	0.00	605.73	600.00	0.00	0.00	1312.00	0.00	0.00	300.00	0.00	0.00
2127.000	606.98	0.00	606.99	600.00	0.00	0.00	1872.00	0.00	0.00	300.00	0.00	0.00
2477.000	603.74	0.00	603.81	227.95	14.83	745.69	31.48	0.00	0.00	400.00	441.00	0.00
2477.000	604.95	0.00	605.01	389.32	57.53	880.32	142.15	0.00	0.00	400.00	441.00	0.00
2477.000	605.73	0.00	605.78	628.34	109.48	881.29	240.24	0.00	0.00	400.00	441.00	0.00
2477.000	606.99	0.00	607.02	700.00	296.71	931.22	429.07	0.00	0.00	400.00	441.00	0.00
2526.000	603.35	0.00	604.00	24.85	0.00	792.00	0.00	0.00	0.00	200.00	228.00	0.00
2526.000	604.70	0.00	605.15	343.98	40.47	927.09	112.44	0.00	0.00	200.00	228.00	0.00
2526.000	605.66	0.00	605.82	466.49	130.10	753.17	347.73	0.00	0.00	200.00	228.00	0.00
2526.000	606.98	0.00	607.04	500.00	324.16	671.00	661.85	0.00	0.00	200.00	228.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	GLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
2528.000	603.34	0.00	604.04	24.77	0.00	792.00	0.00	0.00	0.00	200.00	228.00	0.00
2528.000	605.02	0.00	605.23	401.93	98.46	696.77	284.77	0.00	0.00	200.00	228.00	0.00
2528.000	605.78	0.00	605.85	478.17	193.24	532.47	505.29	0.00	0.00	200.00	228.00	0.00
2528.000	607.02	0.00	607.05	500.00	400.31	443.46	813.23	0.00	0.00	200.00	228.00	0.00
2532.000	603.37	0.00	604.06	24.92	0.00	792.00	0.00	0.00	0.00	200.00	228.00	0.00
2532.000	605.05	0.00	605.25	403.77	100.39	689.53	290.09	0.00	0.00	200.00	228.00	0.00
2532.000	605.79	0.00	605.86	478.58	193.64	531.44	505.92	0.00	0.00	200.00	228.00	0.00
2532.000	607.03	0.00	607.06	500.00	400.48	443.18	813.34	0.00	0.00	200.00	228.00	0.00
2534.000	603.46	0.00	604.08	26.12	0.00	792.00	0.00	0.00	0.00	200.00	228.00	0.00
2534.000	604.97	0.00	605.29	393.69	58.57	852.27	169.16	0.00	0.00	200.00	228.00	0.00
2534.000	605.74	0.00	605.88	473.92	136.78	733.66	360.57	0.00	0.00	200.00	228.00	0.00
2534.000	607.00	0.00	607.07	500.00	325.60	668.17	663.23	0.00	0.00	200.00	228.00	0.00
2583.000	604.10	0.00	604.16	369.13	22.76	722.91	46.33	0.00	0.00	400.00	441.00	0.00
2583.000	605.28	0.00	605.33	525.29	70.51	836.24	173.25	0.00	0.00	400.00	441.00	0.00
2583.000	605.86	0.00	605.91	663.66	119.55	860.10	251.35	0.00	0.00	400.00	441.00	0.00
2583.000	607.05	0.00	607.08	700.00	301.96	923.33	431.71	0.00	0.00	400.00	441.00	0.00
2633.000	603.98	0.00	604.23	76.34	0.19	775.29	16.52	0.00	0.00	400.00	433.00	0.00
2633.000	605.14	0.00	605.41	146.75	14.16	995.77	70.07	0.00	0.00	400.00	433.00	0.00
2633.000	605.73	0.00	605.98	231.86	34.47	1070.26	126.27	0.00	0.00	400.00	433.00	0.00
2633.000	606.96	0.00	607.12	596.69	178.25	1126.64	352.11	0.00	0.00	400.00	433.00	0.00
2682.000	604.15	0.00	604.27	41.98	0.00	792.00	0.00	0.00	0.00	300.00	345.00	0.00
2682.000	605.29	0.00	605.45	102.66	0.00	1078.91	1.09	0.00	0.00	300.00	345.00	0.00
2682.000	605.85	0.00	606.02	325.12	0.37	1195.06	35.57	0.00	0.00	300.00	345.00	0.00
2682.000	607.02	0.00	607.15	600.00	74.12	1340.54	242.35	0.00	0.00	300.00	345.00	0.00
2684.000	604.12	0.00	604.31	41.90	0.00	792.00	0.00	0.00	0.00	300.00	345.00	0.00
2684.000	605.22	0.00	605.52	89.08	0.00	1078.62	1.38	0.00	0.00	300.00	345.00	0.00
2684.000	605.80	0.00	606.07	319.96	0.56	1146.60	83.83	0.00	0.00	300.00	345.00	0.00
2684.000	607.07	0.00	607.16	600.00	163.17	990.43	503.40	0.00	0.00	300.00	345.00	0.00
2725.000	604.19	0.00	604.43	42.07	0.00	792.00	0.00	0.00	0.00	300.00	345.00	0.00
2725.000	605.31	0.00	605.75	105.64	0.00	1080.00	0.00	0.00	0.00	300.00	345.00	0.00
2725.000	605.97	0.00	606.28	337.47	3.69	1090.67	146.64	0.00	0.00	300.00	345.00	0.00
2725.000	607.14	0.00	607.23	600.00	213.42	871.11	572.47	0.00	0.00	300.00	345.00	0.00
2727.000	604.33	0.00	604.44	42.39	0.00	792.00	0.00	0.00	0.00	300.00	345.00	0.00
2727.000	605.64	0.00	605.78	303.79	0.00	1066.92	13.08	0.00	0.00	300.00	345.00	0.00
2727.000	606.16	0.00	606.30	364.95	3.01	1155.20	72.79	0.00	0.00	300.00	345.00	0.00
2727.000	607.12	0.00	607.24	600.00	98.57	1310.57	257.86	0.00	0.00	300.00	345.00	0.00
2826.000	604.31	0.00	604.53	92.56	1.38	765.92	24.70	0.00	0.00	400.00	433.00	0.00
2826.000	605.65	0.00	605.85	220.96	27.34	947.95	104.71	0.00	0.00	400.00	433.00	0.00
2826.000	606.18	0.00	606.36	450.57	54.91	1004.06	172.03	0.00	0.00	400.00	433.00	0.00
2826.000	607.15	0.00	607.29	609.52	207.43	1072.13	377.44	0.00	0.00	400.00	433.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3551.000	604.97	0.00	605.15	360.62	28.42	741.48	22.10	0.00	0.00	400.00	441.00	0.00
3551.000	606.16	0.00	606.24	651.21	225.29	722.35	132.36	0.00	0.00	400.00	441.00	0.00
3551.000	606.62	0.00	606.68	700.00	323.92	707.50	199.59	0.00	0.00	400.00	441.00	0.00
3551.000	607.49	0.00	607.53	700.00	561.57	741.13	354.29	0.00	0.00	400.00	441.00	0.00
3600.000	605.00	0.00	605.21	305.50	68.97	702.20	20.83	0.00	0.00	300.00	330.00	0.00
3600.000	606.18	0.00	606.26	700.00	297.30	633.23	149.46	0.00	0.00	300.00	330.00	0.00
3600.000	606.64	0.00	606.70	700.00	388.51	597.35	245.15	0.00	0.00	300.00	330.00	0.00
3600.000	607.51	0.00	607.54	700.00	592.06	597.41	467.54	0.00	0.00	300.00	330.00	0.00
3602.000	603.96	0.00	606.26	65.72	0.00	792.00	0.00	0.00	0.00	300.00	330.00	0.00
3602.000	606.12	0.00	606.32	700.00	369.04	553.40	157.56	0.00	0.00	300.00	330.00	0.00
3602.000	606.62	0.00	606.72	700.00	454.46	506.50	270.04	0.00	0.00	300.00	330.00	0.00
3602.000	607.49	0.00	607.55	700.00	642.53	515.59	498.88	0.00	0.00	300.00	330.00	0.00
3634.000	604.22	0.00	606.51	90.86	0.00	792.00	0.00	0.00	0.00	300.00	330.00	0.00
3634.000	606.19	0.00	606.37	700.00	374.76	535.16	170.98	0.00	0.00	300.00	330.00	0.00
3634.000	606.64	0.00	606.75	700.00	455.21	503.16	272.63	0.00	0.00	300.00	330.00	0.00
3634.000	607.51	0.00	607.57	700.00	642.60	515.08	499.31	0.00	0.00	300.00	330.00	0.00
3636.000	606.72	0.00	606.74	700.00	254.18	372.71	165.11	0.00	0.00	300.00	330.00	0.00
3636.000	606.31	0.00	606.38	700.00	311.58	599.41	169.00	0.00	0.00	300.00	330.00	0.00
3636.000	606.70	0.00	606.75	700.00	393.59	583.41	254.00	0.00	0.00	300.00	330.00	0.00
3636.000	607.54	0.00	607.57	700.00	593.77	591.73	471.51	0.00	0.00	300.00	330.00	0.00
3685.000	606.73	0.00	606.75	700.00	217.40	439.98	134.62	0.00	0.00	400.00	441.00	0.00
3685.000	606.33	0.00	606.40	677.45	249.89	679.62	150.48	0.00	0.00	400.00	441.00	0.00
3685.000	606.72	0.00	606.77	700.00	337.37	684.77	208.86	0.00	0.00	400.00	441.00	0.00
3685.000	607.54	0.00	607.58	700.00	568.72	729.16	359.11	0.00	0.00	400.00	441.00	0.00
4480.000	606.83	0.00	606.87	370.85	69.64	522.40	199.96	0.00	0.00	400.00	441.00	0.00
4480.000	606.62	0.00	606.70	352.37	82.15	741.93	255.91	0.00	0.00	400.00	441.00	0.00
4480.000	606.96	0.00	607.05	382.31	117.15	792.03	321.82	0.00	0.00	400.00	441.00	0.00
4480.000	607.74	0.00	607.82	504.32	226.22	927.53	503.25	0.00	0.00	400.00	441.00	0.00
4529.000	606.77	0.00	606.95	331.81	15.17	750.60	26.23	0.00	0.00	300.00	335.00	0.00
4529.000	606.48	0.00	606.88	315.71	9.43	1051.92	18.65	0.00	0.00	300.00	335.00	0.00
4529.000	606.81	0.00	607.23	391.39	25.67	1161.30	44.03	0.00	0.00	300.00	335.00	0.00
4529.000	607.58	0.00	608.02	464.14	92.02	1398.67	166.30	0.00	0.00	300.00	335.00	0.00
4567.000	606.77	0.00	606.95	381.87	15.18	750.57	26.24	0.00	0.00	300.00	335.00	0.00
4567.000	606.56	0.00	606.84	334.77	12.38	1044.53	23.09	0.00	0.00	300.00	335.00	0.00
4567.000	606.81	0.00	607.23	391.51	25.70	1161.23	44.07	0.00	0.00	300.00	335.00	0.00
4567.000	607.58	0.00	608.02	464.23	92.15	1398.29	166.55	0.00	0.00	300.00	335.00	0.00
4616.000	607.00	0.00	607.01	384.86	0.00	0.00	792.00	0.00	0.00	400.00	0.00	0.00
4616.000	607.05	0.00	607.07	393.06	0.00	0.00	1080.00	0.00	0.00	400.00	0.00	0.00
4616.000	607.35	0.00	607.37	442.55	0.00	0.00	1231.00	0.00	0.00	400.00	0.00	0.00
4616.000	608.14	0.00	608.16	570.05	0.00	0.00	1657.00	0.00	0.00	400.00	0.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
5486.000	607.32	0.00	607.42	529.91	240.61	548.10	3.29	0.00	0.00	500.00	528.00	0.00
5486.000	607.57	0.00	607.70	575.97	396.09	674.47	9.44	0.00	0.00	500.00	528.00	0.00
5486.000	607.85	0.00	607.96	605.88	525.09	685.82	20.09	0.00	0.00	500.00	528.00	0.00
5486.000	608.56	0.00	608.64	627.52	884.53	707.54	64.93	0.00	0.00	500.00	528.00	0.00
5535.000	607.31	0.00	607.45	370.79	63.14	728.56	0.30	0.00	0.00	300.00	340.00	0.00
5535.000	607.54	0.00	607.76	403.63	111.77	966.50	1.73	0.00	0.00	300.00	340.00	0.00
5535.000	607.80	0.00	608.04	499.04	159.19	1065.31	6.50	0.00	0.00	300.00	340.00	0.00
5535.000	608.48	0.00	608.75	542.32	309.50	1301.46	46.04	0.00	0.00	300.00	340.00	0.00
5570.000	607.31	0.00	607.45	370.82	63.16	728.54	0.30	0.00	0.00	300.00	340.00	0.00
5570.000	607.54	0.00	607.76	403.83	111.83	966.43	1.74	0.00	0.00	300.00	340.00	0.00
5570.000	607.80	0.00	608.04	499.22	159.25	1065.24	6.51	0.00	0.00	300.00	340.00	0.00
5570.000	608.48	0.00	608.75	542.35	309.55	1301.38	46.07	0.00	0.00	300.00	340.00	0.00
5619.000	607.46	0.00	607.48	555.28	0.00	0.00	792.00	0.00	0.00	500.00	0.00	0.00
5619.000	607.78	0.00	607.80	603.16	0.00	0.00	1080.00	0.00	0.00	500.00	0.00	0.00
5619.000	608.06	0.00	608.08	614.44	0.00	0.00	1231.00	0.00	0.00	500.00	0.00	0.00
5619.000	608.77	0.00	608.79	631.98	0.00	0.00	1657.00	0.00	0.00	500.00	0.00	0.00
6944.000	608.35	0.00	608.48	267.21	87.54	663.20	41.26	0.00	0.00	500.00	533.00	0.00
6944.000	608.82	0.00	608.98	311.22	165.78	825.35	88.87	0.00	0.00	500.00	533.00	0.00
6944.000	609.05	0.00	609.22	332.42	212.45	899.12	119.43	0.00	0.00	500.00	533.00	0.00
6944.000	609.62	0.00	609.81	386.33	356.90	1078.64	221.47	0.00	0.00	500.00	533.00	0.00
6993.000	608.36	0.00	608.54	38.82	0.00	792.00	0.00	0.00	0.00	400.00	441.00	0.00
6993.000	608.80	0.00	609.08	39.78	0.00	1080.00	0.00	0.00	0.00	400.00	441.00	0.00
6993.000	609.01	0.00	609.35	40.22	0.00	1231.00	0.00	0.00	0.00	400.00	441.00	0.00
6993.000	609.51	0.00	610.03	213.85	0.13	1643.05	13.82	0.00	0.00	400.00	441.00	0.00
7107.000	609.33	0.00	609.46	154.57	0.00	790.38	1.62	0.00	0.00	400.00	441.00	0.00
7107.000	609.73	0.00	609.93	325.90	1.74	1053.16	25.10	0.00	0.00	400.00	441.00	0.00
7107.000	609.85	0.00	610.09	358.12	5.50	1185.45	40.06	0.00	0.00	400.00	441.00	0.00
7107.000	610.25	0.00	610.43	416.05	21.65	1550.51	84.84	0.00	0.00	400.00	441.00	0.00
7156.000	609.43	0.00	609.48	368.94	160.42	534.97	96.62	0.00	0.00	500.00	533.00	0.00
7156.000	609.90	0.00	609.96	414.96	251.64	662.72	165.63	0.00	0.00	500.00	533.00	0.00
7156.000	610.05	0.00	610.13	537.30	298.41	731.43	201.16	0.00	0.00	500.00	533.00	0.00
7156.000	610.39	0.00	610.49	614.71	442.50	911.20	303.31	0.00	0.00	500.00	533.00	0.00
8835.000	609.88	0.00	609.96	348.30	57.91	578.45	155.63	0.00	0.00	500.00	534.00	0.00
8835.000	610.44	0.00	610.53	394.77	-126.30	693.19	260.50	0.00	0.00	500.00	534.00	0.00
8835.000	610.65	0.00	610.75	412.27	163.73	752.84	314.44	0.00	0.00	500.00	534.00	0.00
8835.000	611.16	0.00	611.26	446.21	284.15	906.26	466.59	0.00	0.00	500.00	534.00	0.00
8884.000	609.86	0.00	610.02	340.34	97.51	627.89	66.60	0.00	0.00	400.00	430.00	0.00
8884.000	610.43	0.00	610.57	408.34	216.72	705.60	157.68	0.00	0.00	400.00	430.00	0.00
8884.000	610.66	0.00	610.79	431.44	281.53	741.67	207.80	0.00	0.00	400.00	430.00	0.00
8884.000	611.17	0.00	611.31	482.31	463.25	842.16	351.59	0.00	0.00	400.00	430.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
8886.000	609.89	0.00	610.03	344.55	229.74	378.46	183.80	0.00	0.00	400.00	430.00	0.00
8886.000	610.50	0.00	610.59	415.35	333.74	390.01	356.25	0.00	0.00	400.00	430.00	0.00
8886.000	610.73	0.00	610.81	437.81	386.64	404.62	439.74	0.00	0.00	400.00	430.00	0.00
8886.000	611.24	0.00	611.32	489.34	519.19	459.57	678.24	0.00	0.00	400.00	430.00	0.00
8916.000	610.14	0.00	610.23	378.27	247.90	327.33	216.77	0.00	0.00	400.00	430.00	0.00
8916.000	610.65	0.00	610.72	430.13	336.89	366.46	376.64	0.00	0.00	400.00	430.00	0.00
8916.000	610.86	0.00	610.93	450.92	391.78	383.76	455.46	0.00	0.00	400.00	430.00	0.00
8916.000	611.36	0.00	611.43	500.59	517.93	445.10	693.97	0.00	0.00	400.00	430.00	0.00
8918.000	610.13	0.00	610.24	375.74	126.24	575.00	90.76	0.00	0.00	400.00	430.00	0.00
8918.000	610.63	0.00	610.74	427.83	242.54	658.92	178.54	0.00	0.00	400.00	430.00	0.00
8918.000	610.83	0.00	610.94	448.44	304.20	699.79	227.01	0.00	0.00	400.00	430.00	0.00
8918.000	611.33	0.00	611.44	498.26	484.35	802.76	369.89	0.00	0.00	400.00	430.00	0.00
8967.000	610.21	0.00	610.27	375.65	78.52	536.12	177.36	0.00	0.00	500.00	534.00	0.00
8967.000	610.70	0.00	610.77	414.96	147.29	653.83	278.88	0.00	0.00	500.00	534.00	0.00
8967.000	610.90	0.00	610.97	428.16	187.81	711.64	331.55	0.00	0.00	500.00	534.00	0.00
8967.000	611.39	0.00	611.47	459.92	311.98	862.13	482.89	0.00	0.00	500.00	534.00	0.00
9535.000	610.37	0.00	610.55	162.74	61.45	727.21	3.34	0.00	0.00	500.00	534.00	0.00
9535.000	610.87	0.00	611.11	271.55	132.92	932.58	14.50	0.00	0.00	500.00	534.00	0.00
9535.000	611.08	0.00	611.35	317.46	179.79	1026.83	24.37	0.00	0.00	500.00	534.00	0.00
9535.000	611.61	0.00	611.91	426.74	344.19	1243.86	68.96	0.00	0.00	500.00	534.00	0.00
9584.000	610.40	0.00	610.62	233.28	10.42	763.68	17.90	0.00	0.00	400.00	440.00	0.00
9584.000	610.92	0.00	611.18	340.02	60.93	943.03	76.04	0.00	0.00	400.00	440.00	0.00
9584.000	611.16	0.00	611.42	391.94	99.05	1011.94	120.01	0.00	0.00	400.00	440.00	0.00
9584.000	611.79	0.00	612.00	608.87	251.63	1129.54	275.83	0.00	0.00	400.00	440.00	0.00
9616.000	610.65	0.00	610.83	284.09	24.81	732.40	34.79	0.00	0.00	400.00	440.00	0.00
9616.000	610.95	0.00	611.20	346.59	64.36	936.09	79.55	0.00	0.00	400.00	440.00	0.00
9616.000	611.17	0.00	611.42	393.19	99.76	1010.42	120.82	0.00	0.00	400.00	440.00	0.00
9616.000	611.79	0.00	612.00	608.49	251.26	1130.19	275.55	0.00	0.00	400.00	440.00	0.00
9665.000	610.72	0.00	610.87	237.23	85.31	698.90	7.78	0.00	0.00	500.00	534.00	0.00
9665.000	611.04	0.00	611.25	306.63	151.31	909.24	19.45	0.00	0.00	500.00	534.00	0.00
9665.000	611.24	0.00	611.47	350.00	202.18	997.30	31.53	0.00	0.00	500.00	534.00	0.00
9665.000	611.82	0.00	612.07	469.18	384.40	1186.90	85.70	0.00	0.00	500.00	534.00	0.00
10320.000	611.15	0.00	611.34	44.62	0.00	792.00	0.00	0.00	0.00	500.00	546.00	0.00
10320.000	611.64	0.00	611.94	60.99	0.00	1079.73	0.27	0.00	0.00	500.00	546.00	0.00
10320.000	611.88	0.00	612.23	118.81	0.75	1228.22	2.02	0.00	0.00	500.00	546.00	0.00
10320.000	612.49	0.00	612.94	245.37	19.47	1584.25	53.28	0.00	0.00	500.00	546.00	0.00
10369.000	611.13	0.00	611.40	37.33	0.00	792.00	0.00	0.00	0.00	400.00	441.00	0.00
10369.000	611.60	0.00	612.02	95.73	0.00	1079.86	0.14	0.00	0.00	400.00	441.00	0.00
10369.000	611.94	0.00	612.33	154.61	0.00	1227.33	3.67	0.00	0.00	400.00	441.00	0.00
10369.000	612.40	0.00	613.10	214.60	0.32	1523.02	33.66	0.00	0.00	400.00	441.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10431.000	612.31	0.00	612.48	195.73	0.03	778.61	13.36	0.00	0.00	400.00	441.00	0.00
10431.000	612.63	0.00	612.90	228.78	1.36	1046.77	31.87	0.00	0.00	400.00	441.00	0.00
10431.000	612.75	0.00	613.07	235.90	2.48	1186.15	42.37	0.00	0.00	400.00	441.00	0.00
10431.000	612.95	0.00	613.48	265.80	6.22	1577.95	72.83	0.00	0.00	400.00	441.00	0.00
10480.000	612.38	0.00	612.49	244.36	7.23	765.96	18.81	0.00	0.00	500.00	546.00	0.00
10480.000	612.76	0.00	612.92	382.26	24.31	996.94	58.74	0.00	0.00	500.00	546.00	0.00
10480.000	612.92	0.00	613.10	407.69	40.09	1107.75	83.17	0.00	0.00	500.00	546.00	0.00
10480.000	613.29	0.00	613.53	436.75	106.77	1388.18	162.04	0.00	0.00	500.00	546.00	0.00
11370.000	612.80	0.00	613.02	53.65	28.74	761.46	1.80	0.00	0.00	512.00	543.00	0.00
11370.000	613.32	0.00	613.66	62.39	45.98	1026.78	7.25	0.00	0.00	512.00	543.00	0.00
11370.000	613.55	0.00	613.95	77.88	56.08	1163.37	11.55	0.00	0.00	512.00	543.00	0.00
11370.000	614.09	0.00	614.58	114.90	92.81	1535.44	28.75	0.00	0.00	512.00	543.00	0.00
11419.000	612.87	0.00	613.06	41.97	0.00	792.00	0.00	0.00	0.00	400.00	447.00	0.00
11419.000	613.44	0.00	613.72	43.51	0.00	1080.00	0.00	0.00	0.00	400.00	447.00	0.00
11419.000	613.69	0.00	614.02	44.18	0.00	1231.00	0.00	0.00	0.00	400.00	447.00	0.00
11419.000	614.28	0.00	614.78	45.79	0.00	1657.00	0.00	0.00	0.00	400.00	447.00	0.00
11480.000	613.84	0.00	613.97	44.61	0.00	792.00	0.00	0.00	0.00	400.00	447.00	0.00
11480.000	614.99	0.00	615.16	130.49	0.23	1078.52	1.25	0.00	0.00	400.00	447.00	0.00
11480.000	615.15	0.00	615.36	205.36	1.40	1225.73	3.87	0.00	0.00	400.00	447.00	0.00
11480.000	615.41	0.00	615.75	307.37	9.76	1632.72	14.52	0.00	0.00	400.00	447.00	0.00
11510.000	613.91	0.00	613.99	98.14	0.13	790.84	1.03	0.00	0.00	500.00	562.00	0.00
11510.000	615.09	0.00	615.18	331.60	26.01	1030.17	23.82	0.00	0.00	500.00	562.00	0.00
11510.000	615.28	0.00	615.38	362.09	42.38	1154.75	33.86	0.00	0.00	500.00	562.00	0.00
11510.000	615.64	0.00	615.78	479.81	94.68	1497.68	64.65	0.00	0.00	500.00	562.00	0.00
11510.000	613.91	0.00	613.99	98.14	0.12	790.84	1.03	0.00	0.00	500.00	562.00	0.00
11510.000	615.09	0.00	615.18	331.60	26.01	1030.17	23.82	0.00	0.00	500.00	562.00	0.00
11510.000	615.28	0.00	615.38	362.08	42.38	1154.76	33.86	0.00	0.00	500.00	562.00	0.00
11510.000	615.64	0.00	615.78	479.67	94.65	1497.72	64.63	0.00	0.00	500.00	562.00	0.00
11559.000	613.91	0.00	614.01	48.84	0.00	792.00	0.00	0.00	0.00	500.00	554.00	0.00
11559.000	615.08	0.00	615.21	69.21	0.00	1079.90	0.10	0.00	0.00	500.00	554.00	0.00
11559.000	615.26	0.00	615.43	87.30	0.00	1230.29	0.71	0.00	0.00	500.00	554.00	0.00
11559.000	615.60	0.00	615.87	120.35	0.00	1651.89	5.11	0.00	0.00	500.00	554.00	0.00
11622.000	614.23	0.00	614.32	49.65	0.00	792.00	0.00	0.00	0.00	500.00	554.00	0.00
11622.000	615.73	0.00	615.84	133.85	0.00	1074.79	5.21	0.00	0.00	500.00	554.00	0.00
11622.000	616.13	0.00	616.25	172.97	0.00	1215.60	15.40	0.00	0.00	500.00	554.00	0.00
11622.000	617.12	0.00	617.27	439.31	13.99	1559.08	84.94	0.00	0.00	500.00	554.00	0.00
11671.000	614.28	0.00	614.34	165.28	0.00	0.00	792.00	0.00	0.00	500.00	0.00	0.00
11671.000	615.84	0.00	615.86	593.72	0.00	0.00	1080.00	0.00	0.00	500.00	0.00	0.00
11671.000	616.26	0.00	616.28	663.04	0.00	0.00	1231.00	0.00	0.00	500.00	0.00	0.00
11671.000	617.29	0.00	617.30	728.93	0.00	0.00	1657.00	0.00	0.00	500.00	0.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
12346.000	614.67	0.00	614.72	532.60	409.07	382.93	0.00	0.00	0.00	500.00	533.00	0.00
12346.000	616.02	0.00	616.03	800.00	701.75	347.12	31.13	0.00	0.00	500.00	533.00	0.00
12346.000	616.41	0.00	616.42	800.00	810.14	356.68	64.18	0.00	0.00	500.00	533.00	0.00
12346.000	617.39	0.00	617.40	800.00	1096.50	387.14	173.35	0.00	0.00	500.00	533.00	0.00
12395.000	614.69	0.00	614.74	464.06	351.39	438.52	2.09	0.00	0.00	400.00	433.00	0.00
12395.000	616.02	0.00	616.04	595.31	627.48	423.46	29.06	0.00	0.00	400.00	433.00	0.00
12395.000	616.41	0.00	616.43	760.00	734.48	440.40	56.12	0.00	0.00	400.00	433.00	0.00
12395.000	617.39	0.00	617.41	760.00	999.26	478.60	179.15	0.00	0.00	400.00	433.00	0.00
12397.000	614.73	0.00	614.75	465.46	545.93	242.53	3.55	0.00	0.00	400.00	433.00	0.00
12397.000	616.04	0.00	616.05	598.16	825.45	216.20	38.35	0.00	0.00	400.00	433.00	0.00
12397.000	616.43	0.00	616.43	760.00	937.66	221.91	71.43	0.00	0.00	400.00	433.00	0.00
12397.000	617.41	0.00	617.41	760.00	1205.77	235.21	216.02	0.00	0.00	400.00	433.00	0.00
12403.000	614.73	0.00	614.75	465.61	546.22	242.20	3.58	0.00	0.00	400.00	433.00	0.00
12403.000	616.04	0.00	616.05	607.18	825.60	215.66	38.74	0.00	0.00	400.00	433.00	0.00
12403.000	616.43	0.00	616.44	760.00	937.40	221.40	72.20	0.00	0.00	400.00	433.00	0.00
12403.000	617.41	0.00	617.42	760.00	1205.39	234.90	216.72	0.00	0.00	400.00	433.00	0.00
12405.000	614.71	0.00	614.76	465.32	354.83	434.88	2.29	0.00	0.00	400.00	433.00	0.00
12405.000	616.03	0.00	616.05	608.11	628.32	422.17	29.51	0.00	0.00	400.00	433.00	0.00
12405.000	616.42	0.00	616.44	760.00	734.68	439.67	56.65	0.00	0.00	400.00	433.00	0.00
12405.000	617.40	0.00	617.42	760.00	999.22	478.07	179.70	0.00	0.00	400.00	433.00	0.00
12454.000	614.74	0.00	614.78	532.72	418.35	373.65	0.00	0.00	0.00	500.00	533.00	0.00
12454.000	616.04	0.00	616.06	800.00	702.57	344.76	32.68	0.00	0.00	500.00	533.00	0.00
12454.000	616.43	0.00	616.45	800.00	810.48	354.79	65.73	0.00	0.00	500.00	533.00	0.00
12454.000	617.41	0.00	617.42	800.00	1096.45	386.03	174.52	0.00	0.00	500.00	533.00	0.00
14585.000	616.04	0.00	616.33	48.19	0.28	791.72	0.00	0.00	0.00	500.00	538.00	0.00
14585.000	616.57	0.00	616.99	83.72	6.27	1072.94	0.79	0.00	0.00	500.00	538.00	0.00
14585.000	616.84	0.00	617.33	104.73	14.47	1213.02	3.51	0.00	0.00	500.00	538.00	0.00
14585.000	617.59	0.00	618.19	169.17	73.85	1553.72	29.42	0.00	0.00	500.00	538.00	0.00
14634.000	616.18	0.00	616.37	256.37	0.13	790.49	1.38	0.00	0.00	400.00	442.00	0.00
14634.000	616.81	0.00	617.06	487.69	12.54	1034.75	32.71	0.00	0.00	400.00	442.00	0.00
14634.000	617.15	0.00	617.41	634.58	30.98	1133.74	66.27	0.00	0.00	400.00	442.00	0.00
14634.000	618.09	0.00	618.31	800.00	140.97	1313.86	202.17	0.00	0.00	400.00	442.00	0.00
14672.000	616.45	0.00	616.62	386.18	1.96	781.54	8.50	0.00	0.00	400.00	442.00	0.00
14672.000	616.81	0.00	617.06	487.88	12.56	1034.68	32.75	0.00	0.00	400.00	442.00	0.00
14672.000	617.15	0.00	617.41	633.72	30.90	1133.95	66.15	0.00	0.00	400.00	442.00	0.00
14672.000	618.09	0.00	618.31	800.00	141.08	1313.63	202.29	0.00	0.00	400.00	442.00	0.00
14721.000	616.42	0.00	616.65	72.36	0.00	0.00	792.00	0.00	0.00	500.00	0.00	0.00
14721.000	616.79	0.00	617.10	101.04	0.00	0.00	1080.00	0.00	0.00	500.00	0.00	0.00
14721.000	617.15	0.00	617.44	131.20	0.00	0.00	1231.00	0.00	0.00	500.00	0.00	0.00
14721.000	618.14	0.00	618.33	304.39	0.00	0.00	1657.00	0.00	0.00	500.00	0.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
17010.000	619.22	0.00	619.38	129.66	6.34	755.89	29.77	0.00	0.00	500.00	536.00	0.00
17010.000	620.09	0.00	620.27	284.32	26.10	958.62	95.27	0.00	0.00	500.00	536.00	0.00
17010.000	620.44	0.00	620.64	372.09	55.28	1041.59	133.62	0.00	0.00	500.00	536.00	0.00
17010.000	621.16	0.00	621.34	654.00	221.45	1205.91	229.64	0.00	0.00	500.00	536.00	0.00
17059.000	619.23	0.00	619.42	70.07	119.34	579.86	92.80	0.00	0.00	422.00	437.00	0.00
17059.000	620.09	0.00	620.33	311.03	217.50	726.14	136.36	0.00	0.00	422.00	437.00	0.00
17059.000	620.46	0.00	620.68	466.30	312.15	765.35	153.50	0.00	0.00	422.00	437.00	0.00
17059.000	621.18	0.00	621.38	482.01	621.43	838.01	197.55	0.00	0.00	422.00	437.00	0.00
17239.000	620.21	0.00	620.32	367.45	170.60	521.56	99.84	0.00	0.00	422.00	437.00	0.00
17239.000	620.47	0.00	620.64	466.58	276.18	669.19	134.63	0.00	0.00	422.00	437.00	0.00
17239.000	620.61	0.00	620.80	469.55	343.17	735.18	152.65	0.00	0.00	422.00	437.00	0.00
17239.000	621.19	0.00	621.38	482.21	623.92	835.67	197.41	0.00	0.00	422.00	437.00	0.00
17288.000	620.25	0.00	620.34	324.15	25.36	689.26	77.38	0.00	0.00	500.00	536.00	0.00
17288.000	620.53	0.00	620.67	392.40	56.20	901.85	121.96	0.00	0.00	500.00	536.00	0.00
17288.000	620.67	0.00	620.83	491.41	80.19	1003.38	147.44	0.00	0.00	500.00	536.00	0.00
17288.000	621.24	0.00	621.41	655.91	242.52	1181.32	233.16	0.00	0.00	500.00	536.00	0.00
18250.000	620.55	0.00	620.58	578.75	265.64	424.75	101.62	0.00	0.00	500.00	532.00	0.00
18250.000	620.95	0.00	620.99	624.50	420.00	512.83	147.17	0.00	0.00	500.00	532.00	0.00
18250.000	621.14	0.00	621.18	646.28	505.77	553.25	171.98	0.00	0.00	500.00	532.00	0.00
18250.000	621.74	0.00	621.78	782.20	773.09	635.35	248.56	0.00	0.00	500.00	532.00	0.00
18299.000	620.56	0.00	620.59	609.41	212.88	557.79	21.33	0.00	0.00	400.00	468.00	0.00
18299.000	620.97	0.00	621.00	693.10	335.10	698.71	46.19	0.00	0.00	400.00	468.00	0.00
18299.000	621.16	0.00	621.20	716.20	402.44	764.08	64.48	0.00	0.00	400.00	468.00	0.00
18299.000	621.76	0.00	621.79	776.07	606.15	910.99	139.86	0.00	0.00	400.00	468.00	0.00
18301.000	620.58	0.00	620.59	613.09	368.67	385.93	37.39	0.00	0.00	400.00	468.00	0.00
18301.000	620.99	0.00	621.00	695.87	544.06	460.16	75.78	0.00	0.00	400.00	468.00	0.00
18301.000	621.19	0.00	621.20	718.63	636.21	491.03	103.76	0.00	0.00	400.00	468.00	0.00
18301.000	621.78	0.00	621.80	778.37	892.81	555.81	208.38	0.00	0.00	400.00	468.00	0.00
18307.000	620.58	0.00	620.59	615.22	369.39	384.88	37.73	0.00	0.00	400.00	468.00	0.00
18307.000	620.99	0.00	621.01	698.17	544.98	458.47	76.55	0.00	0.00	400.00	468.00	0.00
18307.000	621.19	0.00	621.20	718.79	636.31	490.79	103.90	0.00	0.00	400.00	468.00	0.00
18307.000	621.79	0.00	621.80	778.52	892.86	555.58	208.55	0.00	0.00	400.00	468.00	0.00
18309.000	620.57	0.00	620.60	615.60	214.94	555.07	21.98	0.00	0.00	400.00	468.00	0.00
18309.000	620.98	0.00	621.01	697.44	337.22	695.54	47.24	0.00	0.00	400.00	468.00	0.00
18309.000	621.18	0.00	621.21	718.35	404.52	760.64	65.84	0.00	0.00	400.00	468.00	0.00
18309.000	621.77	0.00	621.81	778.00	607.81	907.59	141.60	0.00	0.00	400.00	468.00	0.00
18358.000	620.57	0.00	620.61	583.24	270.15	419.56	102.28	0.00	0.00	500.00	532.00	0.00
18358.000	620.98	0.00	621.02	629.08	425.19	506.85	147.96	0.00	0.00	500.00	532.00	0.00
18358.000	621.18	0.00	621.22	651.10	511.41	546.70	172.89	0.00	0.00	500.00	532.00	0.00
18358.000	621.78	0.00	621.82	795.80	778.96	627.88	250.17	0.00	0.00	500.00	532.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
18630.000	620.61	0.00	620.68	81.16	0.00	791.72	0.28	0.00	0.00	500.00	578.00	0.00
18630.000	621.02	0.00	621.13	189.69	0.11	1078.58	1.31	0.00	0.00	500.00	578.00	0.00
18630.000	621.21	0.00	621.34	215.69	3.93	1224.89	2.19	0.00	0.00	500.00	578.00	0.00
18630.000	621.78	0.00	621.96	436.23	47.74	1598.85	10.41	0.00	0.00	500.00	578.00	0.00
18679.000	620.60	0.00	620.72	230.01	8.03	783.97	0.00	0.00	0.00	400.00	453.00	0.00
18679.000	621.00	0.00	621.18	455.87	52.50	1026.00	1.50	0.00	0.00	400.00	453.00	0.00
18679.000	621.20	0.00	621.39	573.95	93.83	1126.40	10.77	0.00	0.00	400.00	453.00	0.00
18679.000	621.83	0.00	622.00	802.31	286.02	1273.07	97.91	0.00	0.00	400.00	453.00	0.00
18681.000	620.58	0.00	620.74	227.80	10.43	781.57	0.00	0.00	0.00	400.00	453.00	0.00
18681.000	620.96	0.00	621.22	425.60	73.06	1005.55	1.39	0.00	0.00	400.00	453.00	0.00
18681.000	621.16	0.00	621.43	557.24	141.48	1075.70	13.82	0.00	0.00	400.00	453.00	0.00
18681.000	621.89	0.00	622.01	807.88	503.31	970.88	182.81	0.00	0.00	400.00	453.00	0.00
18717.000	620.61	0.00	620.78	232.40	11.72	780.28	0.00	0.00	0.00	400.00	453.00	0.00
18717.000	621.05	0.00	621.28	491.71	92.58	983.08	4.35	0.00	0.00	400.00	453.00	0.00
18717.000	621.37	0.00	621.55	643.58	239.53	947.53	43.94	0.00	0.00	400.00	453.00	0.00
18717.000	621.98	0.00	622.08	815.02	524.06	929.24	203.70	0.00	0.00	400.00	453.00	0.00
18719.000	620.66	0.00	620.78	247.53	11.73	780.27	0.00	0.00	0.00	400.00	453.00	0.00
18719.000	621.14	0.00	621.29	545.28	72.62	1001.19	6.19	0.00	0.00	400.00	453.00	0.00
18719.000	621.39	0.00	621.55	657.87	130.21	1075.11	25.68	0.00	0.00	400.00	453.00	0.00
18719.000	621.95	0.00	622.10	812.74	314.83	1222.29	119.87	0.00	0.00	400.00	453.00	0.00
18768.000	620.76	0.00	620.82	82.98	0.00	0.00	792.00	0.00	0.00	500.00	0.00	0.00
18768.000	621.26	0.00	621.35	223.13	0.00	0.00	1080.00	0.00	0.00	500.00	0.00	0.00
18768.000	621.52	0.00	621.60	271.45	0.00	0.00	1231.00	0.00	0.00	500.00	0.00	0.00
18768.000	622.08	0.00	622.15	528.92	0.00	0.00	1657.00	0.00	0.00	500.00	0.00	0.00
19845.000	621.67	0.00	621.79	346.53	127.95	609.60	54.45	0.00	0.00	500.00	537.00	0.00
19845.000	622.28	0.00	622.39	523.89	250.27	698.16	131.57	0.00	0.00	500.00	537.00	0.00
19845.000	622.54	0.00	622.65	569.90	313.63	731.43	185.94	0.00	0.00	500.00	537.00	0.00
19845.000	623.11	0.00	623.21	660.47	480.03	823.67	353.30	0.00	0.00	500.00	537.00	0.00
19894.000	621.65	0.00	621.91	149.49	68.21	723.79	0.00	0.00	0.00	500.00	538.00	0.00
19894.000	622.24	0.00	622.54	231.43	180.50	899.50	0.00	0.00	0.00	500.00	538.00	0.00
19894.000	622.49	0.00	622.80	272.57	255.28	975.72	0.00	0.00	0.00	500.00	538.00	0.00
19894.000	623.05	0.00	623.37	362.89	502.15	1154.85	0.00	0.00	0.00	500.00	538.00	0.00
20007.000	621.57	0.00	622.66	143.35	0.00	792.00	0.00	0.00	0.00	500.00	538.00	0.00
20007.000	622.86	0.00	623.02	331.72	291.75	788.25	0.00	0.00	0.00	500.00	538.00	0.00
20007.000	623.01	0.00	623.19	356.21	364.43	866.57	0.00	0.00	0.00	500.00	538.00	0.00
20007.000	623.33	0.00	623.57	437.75	583.95	1073.05	0.00	0.00	0.00	500.00	538.00	0.00
20056.000	622.76	0.00	622.79	607.98	214.07	439.05	138.88	0.00	0.00	500.00	537.00	0.00
20056.000	623.01	0.00	623.06	651.14	307.76	553.42	218.82	0.00	0.00	500.00	537.00	0.00
20056.000	623.18	0.00	623.23	667.39	360.65	598.47	271.89	0.00	0.00	500.00	537.00	0.00
20056.000	623.56	0.00	623.62	703.39	509.12	721.28	426.59	0.00	0.00	500.00	537.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
21606.000	623.15	0.00	623.20	566.26	180.08	425.14	5.78	0.00	0.00	500.00	537.00	0.00
21606.000	623.53	0.00	623.59	574.40	331.21	521.62	12.17	0.00	0.00	500.00	537.00	0.00
21606.000	623.73	0.00	623.79	578.73	421.22	560.26	16.52	0.00	0.00	500.00	537.00	0.00
21606.000	624.20	0.00	624.26	588.39	691.77	670.12	32.11	0.00	0.00	500.00	537.00	0.00
21655.000	623.20	0.00	623.21	444.17	187.69	176.12	1.19	0.00	0.00	400.00	438.00	0.00
21655.000	623.59	0.00	623.60	483.11	284.75	218.16	4.09	0.00	0.00	400.00	438.00	0.00
21655.000	623.79	0.00	623.80	491.43	337.39	236.14	6.47	0.00	0.00	400.00	438.00	0.00
21655.000	624.27	0.00	624.28	526.60	487.82	286.39	16.79	0.00	0.00	400.00	438.00	0.00
21657.000	623.20	0.00	623.21	444.22	277.80	85.44	1.76	0.00	0.00	400.00	438.00	0.00
21657.000	623.59	0.00	623.61	483.13	376.13	125.46	5.41	0.00	0.00	400.00	438.00	0.00
21657.000	623.79	0.00	623.81	491.42	426.24	145.58	8.18	0.00	0.00	400.00	438.00	0.00
21657.000	624.26	0.00	624.29	526.66	569.50	201.88	19.62	0.00	0.00	400.00	438.00	0.00
21680.000	623.21	0.00	623.22	444.53	277.74	85.49	1.77	0.00	0.00	400.00	438.00	0.00
21680.000	623.59	0.00	623.61	483.18	376.10	125.47	5.42	0.00	0.00	400.00	438.00	0.00
21680.000	623.79	0.00	623.81	491.45	426.23	145.58	8.19	0.00	0.00	400.00	438.00	0.00
21680.000	624.27	0.00	624.29	526.57	569.53	201.87	19.60	0.00	0.00	400.00	438.00	0.00
21682.000	623.21	0.00	623.22	444.79	187.96	175.84	1.20	0.00	0.00	400.00	438.00	0.00
21682.000	623.60	0.00	623.61	483.25	284.94	217.94	4.12	0.00	0.00	400.00	438.00	0.00
21682.000	623.80	0.00	623.81	491.50	337.53	235.98	6.50	0.00	0.00	400.00	438.00	0.00
21682.000	624.28	0.00	624.29	527.19	488.09	286.00	16.91	0.00	0.00	400.00	438.00	0.00
21731.000	623.21	0.00	623.23	567.89	114.54	246.68	3.78	0.00	0.00	500.00	537.00	0.00
21731.000	623.60	0.00	623.62	576.35	203.40	295.90	7.70	0.00	0.00	500.00	537.00	0.00
21731.000	623.80	0.00	623.82	580.71	254.19	315.55	10.26	0.00	0.00	500.00	537.00	0.00
21731.000	624.28	0.00	624.30	589.69	401.39	370.14	19.47	0.00	0.00	500.00	537.00	0.00
23500.000	623.51	0.00	623.58	240.96	9.45	336.30	19.25	0.00	0.00	500.00	537.00	0.00
23500.000	623.94	0.00	624.02	342.96	25.98	423.37	57.64	0.00	0.00	500.00	537.00	0.00
23500.000	624.14	0.00	624.22	395.23	38.92	455.59	85.49	0.00	0.00	500.00	537.00	0.00
23500.000	624.63	0.00	624.71	455.69	81.94	529.19	179.87	0.00	0.00	500.00	537.00	0.00

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10-YEAR FREQU

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
200.000	0.00	0.00	0.00	591.40	831.00	600.50	0.00	600.74	9.78	3.96	240.79	265.70
200.000	0.00	0.00	0.00	591.40	1129.00	601.60	0.00	601.84	8.51	4.16	400.27	386.99
200.000	0.00	0.00	0.00	591.40	1312.00	602.00	0.00	602.25	8.65	4.35	486.50	445.97
200.000	0.00	0.00	0.00	591.40	1872.00	603.20	0.00	603.39	6.68	4.24	1085.80	724.17
650.000	450.00	0.00	0.00	592.00	831.00	600.98	0.00	601.18	9.47	3.64	283.98	270.08
650.000	450.00	0.00	0.00	592.00	1129.00	602.03	0.00	602.21	7.67	3.65	483.07	407.69
650.000	450.00	0.00	0.00	592.00	1312.00	602.44	0.00	602.62	7.41	3.75	600.08	481.98
650.000	450.00	0.00	0.00	592.00	1872.00	603.54	0.00	603.67	5.54	3.60	1201.73	795.33
699.000	49.00	0.00	0.00	592.20	831.00	601.00	0.00	601.27	13.59	4.16	199.71	225.45
699.000	49.00	0.00	0.00	592.20	1129.00	602.01	0.00	602.33	13.68	4.59	271.04	305.24
699.000	49.00	0.00	0.00	592.20	1312.00	602.41	0.00	602.76	13.83	4.83	343.08	352.75
699.000	49.00	0.00	0.00	592.20	1872.00	603.52	0.00	603.77	9.81	4.56	855.52	597.58
714.000	15.00	601.10	600.00	592.20	831.00	602.09	0.00	602.26	7.00	3.32	283.29	314.17
714.000	15.00	601.10	600.00	592.20	1129.00	602.57	0.00	602.80	9.01	3.97	384.09	376.22
714.000	15.00	601.10	600.00	592.20	1312.00	602.71	0.00	602.99	10.82	4.42	426.44	398.83
714.000	15.00	601.10	600.00	592.20	1872.00	603.52	0.00	603.77	9.78	4.56	857.73	598.74
763.000	49.00	0.00	0.00	592.00	831.00	602.22	0.00	602.29	3.40	2.48	529.27	450.67
763.000	49.00	0.00	0.00	592.00	1129.00	602.75	0.00	602.85	3.90	2.80	732.35	571.93
763.000	49.00	0.00	0.00	592.00	1312.00	602.94	0.00	603.04	4.39	3.03	841.03	626.33
763.000	49.00	0.00	0.00	592.00	1272.00	603.72	0.00	603.81	4.15	3.16	1313.65	919.24
1313.000	550.00	0.00	0.00	593.40	831.00	602.42	0.00	602.52	4.93	2.97	603.81	374.23
1313.000	550.00	0.00	0.00	593.40	1129.00	602.99	0.00	603.08	4.54	3.01	905.34	530.09
1313.000	550.00	0.00	0.00	593.40	1312.00	603.21	0.00	603.29	4.65	3.11	1057.37	608.27
1313.000	550.00	0.00	0.00	593.40	1872.00	603.97	0.00	604.04	3.88	3.04	1589.96	950.48
1362.000	49.00	0.00	0.00	594.00	831.00	602.35	0.00	602.67	13.24	4.50	184.75	228.39
1362.000	49.00	0.00	0.00	594.00	1129.00	602.82	0.00	603.33	20.05	5.71	198.14	252.12
1362.000	49.00	0.00	0.00	594.00	1312.00	602.97	0.00	603.62	25.45	6.50	202.88	260.09
1362.000	49.00	0.00	0.00	594.00	1872.00	603.47	0.00	604.63	42.12	8.66	221.06	288.46
1399.000	37.00	606.80	600.70	594.00	831.00	603.14	0.00	603.39	9.50	4.02	208.79	269.63
1399.000	37.00	606.80	600.70	594.00	1129.00	604.41	0.00	604.74	10.53	4.59	263.65	347.89
1399.000	37.00	606.80	600.70	594.00	1312.00	605.21	0.00	605.55	10.47	4.79	308.13	405.42
1399.000	37.00	606.80	600.70	594.00	1872.00	606.32	0.00	606.79	13.31	5.72	455.99	513.13
1448.000	49.00	0.00	0.00	593.40	831.00	603.45	0.00	603.47	1.39	1.74	1226.13	705.80
1448.000	49.00	0.00	0.00	593.40	1129.00	604.83	0.00	604.84	0.61	1.29	2189.74	1444.23
1448.000	49.00	0.00	0.00	593.40	1312.00	605.65	0.00	605.66	0.42	1.14	2767.96	2015.08
1448.000	49.00	0.00	0.00	593.40	1872.00	606.93	0.00	606.93	0.37	1.17	3659.11	3058.21

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1998.000	550.00	0.00	0.00	594.00	831.00	603.53	0.00	603.56	1.70	1.80	1022.34	637.91
1998.000	550.00	0.00	0.00	594.00	1129.00	604.86	0.00	604.88	0.84	1.43	1812.56	1231.56
1998.000	550.00	0.00	0.00	594.00	1312.00	605.68	0.00	605.69	0.59	1.28	2301.48	1708.01
1998.000	550.00	0.00	0.00	594.00	1872.00	606.95	0.00	606.96	0.52	1.32	3063.39	2593.12
2047.000	49.00	0.00	0.00	593.80	831.00	603.50	0.00	603.59	3.66	2.64	545.30	434.64
2047.000	49.00	0.00	0.00	593.80	1129.00	604.85	0.00	604.89	1.97	2.15	1174.93	805.13
2047.000	49.00	0.00	0.00	593.80	1312.00	605.67	0.00	605.70	1.26	1.83	1668.71	1166.85
2047.000	49.00	0.00	0.00	593.80	1872.00	606.94	0.00	606.96	0.98	1.75	2430.45	1888.54
2049.000	2.00	602.90	602.50	593.80	831.00	603.51	0.00	603.59	28.81	2.91	446.79	154.83
2049.000	2.00	602.90	602.50	593.80	1129.00	604.88	0.00	604.90	7.92	1.42	1087.44	401.09
2049.000	2.00	602.90	602.50	593.80	1312.00	605.69	0.00	605.70	3.87	1.08	1567.95	667.28
2049.000	2.00	602.90	602.50	593.80	1872.00	606.96	0.00	606.97	2.33	0.94	2330.25	1225.42
2076.000	27.00	603.50	600.60	593.80	831.00	603.62	0.00	603.68	30.01	2.37	483.84	151.70
2076.000	27.00	603.50	600.60	593.80	1129.00	604.90	0.00	604.92	7.77	1.41	1095.45	404.90
2076.000	27.00	603.50	600.60	593.80	1312.00	605.70	0.00	605.71	3.80	1.07	1577.69	673.41
2076.000	27.00	603.50	600.60	593.80	1872.00	606.96	0.00	606.97	2.31	0.93	2336.71	1230.78
2078.000	2.00	0.00	0.00	593.80	831.00	603.60	0.00	603.69	3.56	2.62	576.09	440.67
2078.000	2.00	0.00	0.00	593.80	1129.00	604.88	0.00	604.93	2.18	2.27	1188.49	763.82
2078.000	2.00	0.00	0.00	593.80	1312.00	605.69	0.00	605.72	1.47	1.97	1676.56	1082.11
2078.000	2.00	0.00	0.00	593.80	1872.00	606.95	0.00	606.98	1.19	1.92	2435.50	1716.61
2127.000	49.00	0.00	0.00	594.00	831.00	603.71	0.00	603.71	2.81	0.00	1123.08	496.13
2127.000	49.00	0.00	0.00	594.00	1129.00	604.94	0.00	604.94	1.42	0.00	1857.41	947.23
2127.000	49.00	0.00	0.00	594.00	1312.00	605.72	0.00	605.73	0.99	0.00	2327.90	1318.17
2127.000	49.00	0.00	0.00	594.00	1872.00	606.98	0.00	606.99	0.86	0.00	3077.07	2022.14
2477.000	350.00	0.00	0.00	591.70	792.00	603.74	0.00	603.81	1.65	2.09	518.04	616.27
2477.000	350.00	0.00	0.00	591.70	1080.00	604.95	0.00	605.01	1.49	2.17	934.91	884.25
2477.000	350.00	0.00	0.00	591.70	1231.00	605.73	0.00	605.78	1.16	2.01	1353.52	1142.22
2477.000	350.00	0.00	0.00	591.70	1657.00	606.99	0.00	607.02	0.89	1.90	2226.00	1751.89
2526.000	49.00	0.00	0.00	595.10	792.00	603.35	0.00	604.00	39.66	6.46	122.57	125.76
2526.000	49.00	0.00	0.00	595.10	1080.00	604.70	0.00	605.15	25.56	5.80	346.58	213.64
2526.000	49.00	0.00	0.00	595.10	1231.00	605.66	0.00	605.82	10.05	4.03	744.31	388.31
2526.000	49.00	0.00	0.00	595.10	1657.00	606.98	0.00	607.04	4.36	3.00	1399.88	793.12
2528.000	2.00	603.60	603.80	595.10	792.00	603.34	0.00	604.04	67.23	6.69	118.37	96.59
2528.000	2.00	603.60	603.80	595.10	1080.00	605.02	0.00	605.23	43.26	4.45	452.03	164.20
2528.000	2.00	603.60	603.80	595.10	1231.00	605.78	0.00	605.85	16.51	2.99	787.51	302.99
2528.000	2.00	603.60	603.80	595.10	1657.00	607.02	0.00	607.05	6.32	2.08	1405.60	659.11
2532.000	4.00	603.60	603.30	595.10	792.00	603.37	0.00	604.06	67.44	6.69	118.43	96.44
2532.000	4.00	603.60	603.30	595.10	1080.00	605.05	0.00	605.25	41.91	4.39	459.44	166.83
2532.000	4.00	603.60	603.30	595.10	1231.00	605.79	0.00	605.86	16.41	2.98	789.48	303.91
2532.000	4.00	603.60	603.30	595.10	1657.00	607.03	0.00	607.06	6.31	2.08	1406.65	659.84

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
2534.000	2.00	0.00	0.00	595.10	792.00	603.46	0.00	604.08	38.99	6.33	125.18	126.84
2534.000	2.00	0.00	0.00	595.10	1080.00	604.97	0.00	605.29	18.60	5.10	443.06	250.41
2534.000	2.00	0.00	0.00	595.10	1231.00	605.74	0.00	605.88	9.19	3.88	779.26	406.08
2534.000	2.00	0.00	0.00	595.10	1657.00	607.00	0.00	607.07	4.30	2.98	1408.10	799.21
2583.000	49.00	0.00	0.00	591.70	792.00	604.10	0.00	604.16	1.36	1.94	613.33	680.33
2583.000	49.00	0.00	0.00	591.70	1080.00	605.28	0.00	605.33	1.21	1.99	1096.71	983.06
2583.000	49.00	0.00	0.00	591.70	1231.00	605.86	0.00	605.91	1.06	1.94	1439.07	1194.62
2583.000	49.00	0.00	0.00	591.70	1657.00	607.05	0.00	607.08	0.87	1.88	2258.16	1778.21
2633.000	50.00	0.00	0.00	595.40	792.00	603.98	0.00	604.23	10.27	4.03	221.63	247.18
2633.000	50.00	0.00	0.00	595.40	1080.00	605.14	0.00	605.41	9.25	4.32	343.84	355.06
2633.000	50.00	0.00	0.00	595.40	1231.00	605.73	0.00	605.98	8.16	4.28	455.77	431.03
2633.000	50.00	0.00	0.00	595.40	1657.00	606.96	0.00	607.12	5.47	3.88	1027.70	708.80
2682.000	49.00	0.00	0.00	595.60	792.00	604.15	0.00	604.27	4.10	2.77	285.66	391.22
2682.000	49.00	0.00	0.00	595.60	1080.00	605.29	0.00	605.45	4.92	3.22	343.32	486.95
2682.000	49.00	0.00	0.00	595.60	1231.00	605.85	0.00	606.02	4.81	3.32	485.57	561.42
2682.000	49.00	0.00	0.00	595.60	1657.00	607.02	0.00	607.15	3.85	3.25	1044.39	845.01
2684.000	2.00	605.50	602.10	595.60	792.00	604.12	0.00	604.31	21.78	3.51	225.44	169.70
2684.000	2.00	605.50	602.10	595.60	1080.00	605.22	0.00	605.52	31.90	4.39	250.50	191.23
2684.000	2.00	605.50	602.10	595.60	1231.00	605.80	0.00	606.07	38.60	4.35	375.01	198.15
2684.000	2.00	605.50	602.10	595.60	1657.00	607.07	0.00	607.16	15.00	3.09	980.98	427.87
2725.000	41.00	605.40	602.10	595.60	792.00	604.19	0.00	604.43	25.58	3.90	203.04	156.60
2725.000	41.00	605.40	602.10	595.60	1080.00	605.31	0.00	605.75	47.56	5.32	203.04	156.60
2725.000	41.00	605.40	602.10	595.60	1231.00	605.97	0.00	606.28	57.21	4.72	373.70	162.75
2725.000	41.00	605.40	602.10	595.60	1657.00	607.14	0.00	607.23	18.87	3.09	968.57	381.46
2727.000	2.00	0.00	0.00	595.60	792.00	604.33	0.00	604.44	3.82	2.70	293.11	405.30
2727.000	2.00	0.00	0.00	595.60	1080.00	605.64	0.00	605.78	4.19	3.04	418.49	527.42
2727.000	2.00	0.00	0.00	595.60	1231.00	606.16	0.00	606.30	3.96	3.09	590.92	618.60
2727.000	2.00	0.00	0.00	595.60	1657.00	607.12	0.00	607.24	3.54	3.14	1108.14	881.09
2826.000	99.00	0.00	0.00	595.40	792.00	604.31	0.00	604.53	8.33	3.77	249.58	274.35
2826.000	99.00	0.00	0.00	595.40	1080.00	605.65	0.00	605.85	6.63	3.83	437.78	419.51
2826.000	99.00	0.00	0.00	595.40	1231.00	606.18	0.00	606.36	5.93	3.79	591.79	505.48
2826.000	99.00	0.00	0.00	595.40	1657.00	607.15	0.00	607.29	4.61	3.61	1142.76	771.93
3551.000	725.00	0.00	0.00	596.80	792.00	604.97	0.00	605.15	8.77	3.50	341.13	267.43
3551.000	725.00	0.00	0.00	596.80	1080.00	606.16	0.00	606.24	4.17	2.78	936.63	528.58
3551.000	725.00	0.00	0.00	596.80	1231.00	606.62	0.00	606.68	3.17	2.53	1251.15	691.41
3551.000	725.00	0.00	0.00	596.80	1657.00	607.49	0.00	607.53	2.33	2.35	1858.01	1084.84
3600.000	49.00	0.00	0.00	596.50	792.00	605.00	0.00	605.21	12.21	3.89	338.77	226.68
3600.000	49.00	0.00	0.00	596.50	1080.00	606.18	0.00	606.26	5.48	2.93	947.35	461.54
3600.000	49.00	0.00	0.00	596.50	1231.00	606.64	0.00	606.70	3.97	2.60	1267.39	617.93
3600.000	49.00	0.00	0.00	596.50	1657.00	607.51	0.00	607.54	2.78	2.34	1870.55	993.44

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
3602.000	2.00	604.40	605.00	596.50	792.00	603.96	601.12	606.26	80.00	12.15	65.17	88.55
3602.000	2.00	604.40	605.00	596.50	1080.00	606.12	0.00	606.32	11.91	4.93	756.17	312.98
3602.000	2.00	604.40	605.00	596.50	1231.00	606.62	0.00	606.72	6.61	3.99	1100.58	478.91
3602.000	2.00	604.40	605.00	596.50	1657.00	607.49	0.00	607.55	3.64	3.36	1718.95	868.54
3634.000	32.00	604.50	602.50	596.50	792.00	604.22	601.12	606.51	80.00	12.15	65.17	88.55
3634.000	32.00	604.50	602.50	596.50	1080.00	606.19	0.00	606.37	10.48	4.68	804.01	333.57
3634.000	32.00	604.50	602.50	596.50	1231.00	606.64	0.00	606.75	6.43	3.95	1112.40	485.30
3634.000	32.00	604.50	602.50	596.50	1657.00	607.51	0.00	607.57	3.62	3.35	1721.67	870.49
3636.000	2.00	0.00	0.00	596.50	792.00	606.72	0.00	606.74	1.49	1.61	1322.71	648.17
3636.000	2.00	0.00	0.00	596.50	1080.00	606.31	0.00	606.38	4.63	2.73	1037.31	502.17
3636.000	2.00	0.00	0.00	596.50	1231.00	606.70	0.00	606.75	3.69	2.52	1309.87	641.08
3636.000	2.00	0.00	0.00	596.50	1657.00	607.54	0.00	607.57	2.70	2.31	1893.03	1009.29
3685.000	49.00	0.00	0.00	596.80	792.00	606.73	0.00	606.75	1.16	1.55	1325.76	734.06
3685.000	49.00	0.00	0.00	596.80	1080.00	606.33	0.00	606.40	3.36	2.54	1058.61	589.16
3685.000	49.00	0.00	0.00	596.80	1231.00	606.72	0.00	606.77	2.83	2.42	1322.78	732.33
3685.000	49.00	0.00	0.00	596.80	1657.00	607.54	0.00	607.58	2.20	2.30	1903.23	1118.16
4480.000	795.00	0.00	0.00	597.60	792.00	606.83	0.00	606.87	1.87	1.95	830.38	578.49
4480.000	795.00	0.00	0.00	597.60	1080.00	606.62	0.00	606.70	4.23	2.86	751.87	525.03
4480.000	795.00	0.00	0.00	597.60	1231.00	606.96	0.00	607.05	4.03	2.90	881.04	613.54
4480.000	795.00	0.00	0.00	597.60	1657.00	607.74	0.00	607.82	3.83	3.04	1222.41	846.38
4529.000	49.00	0.00	0.00	597.50	792.00	606.77	0.00	606.95	1.56	3.49	421.85	635.08
4529.000	49.00	0.00	0.00	597.50	1080.00	606.48	0.00	606.88	3.59	5.14	321.26	570.30
4529.000	49.00	0.00	0.00	597.50	1231.00	606.81	0.00	607.23	3.64	5.37	438.03	645.27
4529.000	49.00	0.00	0.00	597.50	1657.00	607.58	0.00	608.02	3.56	5.75	778.68	877.76
4567.000	38.00	605.40	603.60	597.50	792.00	606.77	0.00	606.95	1.55	3.49	421.96	635.15
4567.000	38.00	605.40	603.60	597.50	1080.00	606.56	0.00	606.94	3.37	5.03	348.31	588.01
4567.000	38.00	605.40	603.60	597.50	1231.00	606.81	0.00	607.23	3.64	5.37	438.22	645.39
4567.000	38.00	605.40	603.60	597.50	1657.00	607.58	0.00	608.02	3.56	5.75	779.49	878.36
4616.000	49.00	0.00	0.00	597.60	792.00	607.00	0.00	607.01	3.34	0.00	892.52	433.52
4616.000	49.00	0.00	0.00	597.60	1080.00	607.05	0.00	607.07	5.89	0.00	912.83	445.06
4616.000	49.00	0.00	0.00	597.60	1231.00	607.35	0.00	607.37	5.67	0.00	1040.40	517.13
4616.000	49.00	0.00	0.00	597.60	1657.00	608.14	0.00	608.16	4.96	0.00	1438.71	744.36
5486.000	870.00	0.00	0.00	598.10	792.00	607.32	0.00	607.42	6.13	3.08	623.21	319.98
5486.000	870.00	0.00	0.00	598.10	1080.00	607.57	0.00	607.70	8.15	3.65	762.29	378.30
5486.000	870.00	0.00	0.00	598.10	1231.00	607.85	0.00	607.96	7.34	3.56	928.06	454.27
5486.000	870.00	0.00	0.00	598.10	1657.00	608.56	0.00	608.64	5.63	3.33	1367.11	698.16
5535.000	49.00	0.00	0.00	598.00	792.00	607.31	0.00	607.45	1.10	3.16	525.07	754.92
5535.000	49.00	0.00	0.00	598.00	1080.00	607.54	0.00	607.76	1.70	4.03	612.87	828.14
5535.000	49.00	0.00	0.00	598.00	1231.00	607.80	0.00	608.04	1.79	4.26	730.32	919.27
5535.000	49.00	0.00	0.00	598.00	1657.00	608.48	0.00	608.75	1.90	4.69	1084.54	1203.04

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
5570.000	35.00	606.60	604.40	598.00	792.00	607.31	0.00	607.45	1.10	3.16	525.16	754.99
5570.000	35.00	606.60	604.40	598.00	1080.00	607.54	0.00	607.76	1.70	4.03	613.10	828.33
5570.000	35.00	606.60	604.40	598.00	1231.00	607.80	0.00	608.04	1.79	4.26	730.57	919.45
5570.000	35.00	606.60	604.40	598.00	1657.00	608.48	0.00	608.75	1.90	4.69	1084.76	1203.23
5619.000	49.00	0.00	0.00	598.10	792.00	607.46	0.00	607.48	10.14	0.00	698.36	248.69
5619.000	49.00	0.00	0.00	598.10	1080.00	607.78	0.00	607.80	11.22	0.00	887.04	322.49
5619.000	49.00	0.00	0.00	598.10	1231.00	608.06	0.00	608.08	9.47	0.00	1058.60	400.04
5619.000	49.00	0.00	0.00	598.10	1657.00	608.77	0.00	608.79	6.71	0.00	1500.62	639.84
6944.000	1325.00	0.00	0.00	599.40	792.00	608.35	0.00	608.48	5.58	3.19	440.39	335.17
6944.000	1325.00	0.00	0.00	599.40	1080.00	608.82	0.00	608.98	6.81	3.69	575.77	413.80
6944.000	1325.00	0.00	0.00	599.40	1231.00	609.05	0.00	609.22	7.25	3.89	648.34	457.23
6944.000	1325.00	0.00	0.00	599.40	1657.00	609.62	0.00	609.81	8.03	4.32	853.93	584.81
6993.000	49.00	0.00	0.00	599.70	792.00	608.36	0.00	608.54	7.25	3.36	235.81	294.24
6993.000	49.00	0.00	0.00	599.70	1080.00	608.80	0.00	609.08	11.04	4.27	253.14	325.07
6993.000	49.00	0.00	0.00	599.70	1231.00	609.01	0.00	609.35	13.11	4.71	261.33	339.92
6993.000	49.00	0.00	0.00	599.70	1657.00	609.51	0.00	610.03	18.70	5.83	320.93	383.14
7107.000	114.00	609.30	607.20	599.70	792.00	609.33	0.00	609.46	4.70	2.88	288.70	365.24
7107.000	114.00	609.30	607.20	599.70	1080.00	609.73	0.00	609.93	6.91	3.62	377.83	410.98
7107.000	114.00	609.30	607.20	599.70	1231.00	609.85	0.00	610.09	8.30	4.01	416.73	427.34
7107.000	114.00	609.30	607.20	599.70	1657.00	610.05	0.00	610.43	12.93	5.10	495.87	460.78
7156.000	49.00	0.00	0.00	599.40	792.00	609.43	0.00	609.48	2.14	2.19	784.54	540.98
7156.000	49.00	0.00	0.00	599.40	1080.00	609.90	0.00	609.96	2.68	2.56	967.54	659.58
7156.000	49.00	0.00	0.00	599.40	1231.00	610.05	0.00	610.13	3.06	2.77	1037.80	703.44
7156.000	49.00	0.00	0.00	599.40	1657.00	610.39	0.00	610.49	4.14	3.31	1232.36	814.24
8835.000	1679.00	0.00	0.00	601.50	792.00	609.88	0.00	609.96	3.83	2.66	614.77	404.62
8835.000	1679.00	0.00	0.00	601.50	1080.00	610.44	0.00	610.53	4.17	2.93	821.01	528.91
8835.000	1679.00	0.00	0.00	601.50	1231.00	610.65	0.00	610.75	4.45	3.09	907.04	583.79
8835.000	1679.00	0.00	0.00	601.50	1657.00	611.16	0.00	611.26	5.15	3.48	1120.75	730.11
8884.000	49.00	0.00	0.00	601.60	792.00	609.86	0.00	610.02	11.99	3.60	417.64	228.69
8884.000	49.00	0.00	0.00	601.60	1080.00	610.43	0.00	610.57	11.07	3.68	633.79	324.61
8884.000	49.00	0.00	0.00	601.60	1231.00	610.66	0.00	610.79	10.86	3.73	731.14	373.54
8884.000	49.00	0.00	0.00	601.60	1657.00	611.17	0.00	611.31	10.92	3.93	965.97	501.52
8886.000	2.00	608.70	615.00	601.60	792.00	609.89	0.00	610.03	80.60	4.00	347.75	88.22
8886.000	2.00	608.70	615.00	601.60	1080.00	610.50	0.00	610.59	47.36	3.45	582.22	156.93
8886.000	2.00	608.70	615.00	601.60	1231.00	610.73	0.00	610.81	42.03	3.38	678.03	189.87
8886.000	2.00	608.70	615.00	601.60	1657.00	611.24	0.00	611.32	36.18	3.40	916.91	275.47
8916.000	30.00	609.50	608.60	601.60	792.00	610.14	0.00	610.23	46.52	3.20	440.07	116.13
8916.000	30.00	609.50	608.60	601.60	1080.00	610.65	0.00	610.72	36.78	3.12	644.70	178.07
8916.000	30.00	609.50	608.60	601.60	1231.00	610.86	0.00	610.93	33.95	3.10	736.26	211.26
8916.000	30.00	609.50	608.60	601.60	1657.00	611.36	0.00	611.43	31.26	3.21	972.57	296.35

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
8918.000	2.00	0.00	0.00	601.60	792.00	610.13	0.00	610.24	8.66	3.15	543.66	269.20
8918.000	2.00	0.00	0.00	601.60	1080.00	610.63	0.00	610.74	8.73	3.33	715.63	365.53
8918.000	2.00	0.00	0.00	601.60	1231.00	610.83	0.00	610.94	8.89	3.43	805.96	412.98
8918.000	2.00	0.00	0.00	601.60	1657.00	611.33	0.00	611.44	9.24	3.67	1041.76	545.25
8967.000	49.00	0.00	0.00	601.50	792.00	610.21	0.00	610.27	2.79	2.35	732.71	474.25
8967.000	49.00	0.00	0.00	601.50	1080.00	610.70	0.00	610.77	3.28	2.67	925.61	596.02
8967.000	49.00	0.00	0.00	601.50	1231.00	610.90	0.00	610.97	3.55	2.83	1010.58	653.54
8967.000	49.00	0.00	0.00	601.50	1657.00	611.39	0.00	611.47	4.21	3.21	1226.84	807.45
9535.000	568.00	0.00	0.00	602.10	792.00	610.37	0.00	610.55	7.53	3.60	300.97	288.64
9535.000	568.00	0.00	0.00	602.10	1080.00	610.87	0.00	611.11	9.44	4.25	410.07	351.53
9535.000	568.00	0.00	0.00	602.10	1231.00	611.08	0.00	611.35	10.27	4.53	472.97	384.18
9535.000	568.00	0.00	0.00	602.10	1657.00	611.61	0.00	611.91	11.70	5.09	668.16	484.34
9584.000	49.00	0.00	0.00	601.80	792.00	610.40	0.00	610.62	14.19	3.87	265.05	210.22
9584.000	49.00	0.00	0.00	601.80	1080.00	610.92	0.00	611.18	15.38	4.31	417.40	275.39
9584.000	49.00	0.00	0.00	601.80	1231.00	611.16	0.00	611.42	15.34	4.43	505.23	314.28
9584.000	49.00	0.00	0.00	601.80	1657.00	611.79	0.00	612.00	13.51	4.46	816.79	450.84
9616.000	32.00	610.00	609.20	601.80	792.00	610.65	0.00	610.83	11.02	3.53	331.32	238.53
9616.000	32.00	610.00	609.20	601.80	1080.00	610.95	0.00	611.20	14.86	4.26	428.52	280.18
9616.000	32.00	610.00	609.20	601.80	1231.00	611.17	0.00	611.42	15.25	4.42	507.44	315.27
9616.000	32.00	610.00	609.20	601.80	1657.00	611.79	0.00	612.00	13.54	4.46	815.73	450.37
9665.000	49.00	0.00	0.00	602.10	792.00	610.72	0.00	610.87	5.75	3.26	370.29	330.20
9665.000	49.00	0.00	0.00	602.10	1080.00	611.04	0.00	611.25	8.26	4.04	456.75	375.71
9665.000	49.00	0.00	0.00	602.10	1231.00	611.24	0.00	611.47	8.97	4.30	525.09	411.12
9665.000	49.00	0.00	0.00	602.10	1657.00	611.82	0.00	612.07	9.69	4.72	761.62	532.34
10320.000	655.00	0.00	0.00	603.10	792.00	611.15	0.00	611.34	8.87	3.52	225.24	265.96
10320.000	655.00	0.00	0.00	603.10	1080.00	611.64	0.00	611.94	12.54	4.36	249.08	304.96
10320.000	655.00	0.00	0.00	603.10	1231.00	611.88	0.00	612.23	14.01	4.75	268.64	328.88
10320.000	655.00	0.00	0.00	603.10	1657.00	612.49	0.00	612.94	16.57	5.53	403.42	407.03
10369.000	49.00	0.00	0.00	604.20	792.00	611.13	0.00	611.40	1.75	4.16	190.48	598.43
10369.000	49.00	0.00	0.00	604.20	1080.00	611.60	0.00	612.02	2.53	5.18	211.53	678.83
10369.000	49.00	0.00	0.00	604.20	1231.00	611.84	0.00	612.33	2.90	5.64	244.28	722.54
10369.000	49.00	0.00	0.00	604.20	1657.00	612.40	0.00	613.10	3.82	6.76	342.72	847.30
10431.000	62.00	612.20	610.60	604.20	792.00	612.31	0.00	612.48	0.92	3.29	323.73	824.24
10431.000	62.00	612.20	610.60	604.20	1080.00	612.63	0.00	612.90	1.42	4.19	393.26	907.12
10431.000	62.00	612.20	610.60	604.20	1231.00	612.75	0.00	613.07	1.72	4.67	419.86	938.63
10431.000	62.00	612.20	610.60	604.20	1657.00	612.95	0.00	613.48	2.73	6.00	471.89	1002.49
10480.000	49.00	0.00	0.00	603.10	792.00	612.38	0.00	612.49	4.11	2.72	376.43	390.59
10480.000	49.00	0.00	0.00	603.10	1080.00	612.76	0.00	612.92	5.70	3.33	495.02	452.44
10480.000	49.00	0.00	0.00	603.10	1231.00	612.92	0.00	613.10	6.50	3.62	557.12	482.98
10480.000	49.00	0.00	0.00	603.10	1657.00	613.29	0.00	613.53	8.47	4.29	719.31	569.20

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
11370.000	890.00	0.00	0.00	604.50	792.00	612.80	0.00	613.02	7.85	3.83	229.74	282.69
11370.000	890.00	0.00	0.00	604.50	1080.00	613.32	0.00	613.66	10.98	4.78	259.85	325.89
11370.000	890.00	0.00	0.00	604.50	1231.00	613.55	0.00	613.95	12.67	5.24	275.74	345.89
11370.000	890.00	0.00	0.00	604.50	1657.00	614.09	0.00	614.68	17.32	6.44	327.72	398.21
11419.000	49.00	0.00	0.00	605.00	792.00	612.87	0.00	613.06	4.28	3.43	231.17	382.63
11419.000	49.00	0.00	0.00	605.00	1080.00	613.44	0.00	613.72	6.04	4.23	255.30	439.60
11419.000	49.00	0.00	0.00	605.00	1231.00	613.69	0.00	614.02	6.98	4.62	266.22	466.00
11419.000	49.00	0.00	0.00	605.00	1657.00	614.28	0.00	614.78	9.70	5.66	292.90	532.14
11480.000	61.00	614.60	611.10	605.00	792.00	613.84	0.00	613.97	2.69	2.90	273.18	483.04
11480.000	61.00	614.60	611.10	605.00	1080.00	614.99	0.00	615.16	2.98	3.31	339.13	625.11
11480.000	61.00	614.60	611.10	605.00	1231.00	615.15	0.00	615.36	3.57	3.68	365.03	651.23
11480.000	61.00	614.60	611.10	605.00	1657.00	615.41	0.00	615.75	5.63	4.72	432.78	698.25
11510.000	30.00	0.00	0.00	605.20	792.00	613.91	0.00	613.99	2.75	2.20	367.94	477.89
11510.000	30.00	0.00	0.00	605.20	1080.00	615.09	0.00	615.18	2.51	2.38	617.80	681.28
11510.000	30.00	0.00	0.00	605.20	1231.00	615.28	0.00	615.38	2.89	2.60	683.30	724.28
11510.000	30.00	0.00	0.00	605.20	1657.00	615.64	0.00	615.78	4.13	3.21	826.94	815.06
11510.000	0.00	0.00	0.00	605.20	792.00	613.91	0.00	613.99	2.75	2.20	367.94	477.89
11510.000	0.00	0.00	0.00	605.20	1080.00	615.09	0.00	615.18	2.51	2.38	617.80	681.27
11510.000	0.00	0.00	0.00	605.20	1231.00	615.28	0.00	615.38	2.89	2.60	683.28	724.27
11510.000	0.00	0.00	0.00	605.20	1657.00	615.64	0.00	615.78	4.13	3.21	826.82	814.99
11559.000	49.00	0.00	0.00	605.40	792.00	613.91	0.00	614.01	1.99	2.57	308.26	561.23
11559.000	49.00	0.00	0.00	605.40	1080.00	615.08	0.00	615.21	2.27	2.94	368.28	717.57
11559.000	49.00	0.00	0.00	605.40	1231.00	615.26	0.00	615.43	2.72	3.27	382.56	745.80
11559.000	49.00	0.00	0.00	605.40	1657.00	615.60	0.00	615.87	4.29	4.20	417.15	799.99
11622.000	63.00	616.20	613.80	605.40	792.00	614.23	0.00	614.32	1.74	2.45	323.49	600.54
11622.000	63.00	616.20	613.80	605.40	1080.00	615.73	0.00	615.84	1.72	2.68	434.46	823.29
11622.000	63.00	616.30	613.80	605.40	1231.00	616.13	0.00	616.25	1.89	2.88	494.96	895.17
11622.000	63.00	616.20	613.80	605.40	1657.00	617.12	0.00	617.27	2.10	3.28	768.14	1142.68
11671.000	49.00	0.00	0.00	605.20	792.00	614.28	0.00	614.34	7.61	0.00	415.10	287.14
11671.000	49.00	0.00	0.00	605.20	1080.00	615.84	0.00	615.86	4.50	0.00	937.07	509.02
11671.000	49.00	0.00	0.00	605.20	1231.00	616.26	0.00	616.28	3.89	0.00	1206.41	624.22
11671.000	49.00	0.00	0.00	605.20	1657.00	617.29	0.00	617.30	2.63	0.00	1916.85	1021.49
12346.000	675.00	0.00	0.00	606.70	792.00	614.67	0.00	614.72	4.28	2.39	796.36	383.00
12346.000	675.00	0.00	0.00	606.70	1080.00	616.02	0.00	616.03	1.59	1.70	1664.35	857.82
12346.000	675.00	0.00	0.00	606.70	1231.00	616.41	0.00	616.42	1.36	1.64	1977.44	1053.75
12346.000	675.00	0.00	0.00	606.70	1657.00	617.39	0.00	617.40	1.01	1.55	2766.05	1648.49
12395.000	49.00	0.00	0.00	605.60	792.00	614.69	0.00	614.74	3.40	2.30	797.30	429.56
12395.000	49.00	0.00	0.00	605.60	1080.00	616.02	0.00	616.04	1.59	1.80	1467.73	856.53
12395.000	49.00	0.00	0.00	605.60	1231.00	616.41	0.00	616.43	1.44	1.78	1753.35	1027.19
12395.000	49.00	0.00	0.00	605.60	1657.00	617.39	0.00	617.41	1.13	1.71	2499.55	1561.60

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
12397.000	2.00	614.00	614.20	605.60	792.00	614.73	0.00	614.75	7.74	1.55	776.49	284.62
12397.000	2.00	614.00	614.20	605.60	1080.00	616.04	0.00	616.05	2.74	1.08	1434.24	652.21
12397.000	2.00	614.00	614.20	605.60	1231.00	616.43	0.00	616.43	2.35	1.05	1716.29	803.69
12397.000	2.00	614.00	614.20	605.60	1657.00	617.41	0.00	617.41	1.64	0.96	2463.30	1293.52
12403.000	6.00	614.00	612.80	605.60	792.00	614.73	0.00	614.75	7.70	1.55	778.04	285.34
12403.000	6.00	614.00	612.80	605.60	1080.00	616.04	0.00	616.05	2.71	1.08	1440.00	655.58
12403.000	6.00	614.00	612.80	605.60	1231.00	616.43	0.00	616.44	2.33	1.04	1722.73	807.30
12403.000	6.00	614.00	612.80	605.60	1657.00	617.41	0.00	617.42	1.63	0.96	2468.12	1297.10
12405.000	2.00	0.00	0.00	605.60	792.00	614.71	0.00	614.76	3.29	2.27	810.38	436.67
12405.000	2.00	0.00	0.00	605.60	1080.00	616.03	0.00	616.05	1.57	1.80	1475.90	861.90
12405.000	2.00	0.00	0.00	605.60	1231.00	616.42	0.00	616.44	1.43	1.77	1758.65	1030.48
12405.000	2.00	0.00	0.00	605.60	1657.00	617.40	0.00	617.42	1.12	1.71	2503.82	1565.04
12454.000	49.00	0.00	0.00	606.70	792.00	614.74	0.00	614.78	3.91	2.30	833.02	400.68
12454.000	49.00	0.00	0.00	606.70	1080.00	616.04	0.00	616.06	1.54	1.68	1684.17	869.47
12454.000	49.00	0.00	0.00	606.70	1231.00	616.43	0.00	616.45	1.34	1.63	1994.38	1065.05
12454.000	49.00	0.00	0.00	606.70	1657.00	617.41	0.00	617.42	1.00	1.54	2778.38	1658.85
14585.000	2131.00	0.00	0.00	606.90	792.00	616.04	0.00	616.33	15.56	4.29	185.88	200.77
14585.000	2131.00	0.00	0.00	606.90	1080.00	616.57	0.00	616.99	20.62	5.26	218.99	237.81
14585.000	2131.00	0.00	0.00	606.90	1231.00	616.84	0.00	617.33	22.43	5.66	244.11	259.91
14585.000	2131.00	0.00	0.00	606.90	1657.00	617.59	0.00	618.19	24.21	6.39	347.13	336.79
14634.000	49.00	0.00	0.00	605.90	792.00	616.18	0.00	616.37	1.21	3.50	251.60	720.17
14634.000	49.00	0.00	0.00	605.90	1080.00	616.81	0.00	617.06	1.43	4.10	497.86	903.04
14634.000	49.00	0.00	0.00	605.90	1231.00	617.15	0.00	617.41	1.43	4.25	684.21	1030.11
14634.000	49.00	0.00	0.00	605.90	1657.00	618.09	0.00	618.31	1.22	4.30	1385.21	1502.62
14672.000	38.00	616.00	613.70	605.90	792.00	616.45	0.00	616.62	1.00	3.30	339.25	790.35
14672.000	38.00	616.00	613.70	605.90	1080.00	616.81	0.00	617.06	1.43	4.10	498.19	903.27
14672.000	38.00	616.00	613.70	605.90	1231.00	617.15	0.00	617.41	1.43	4.26	683.33	1029.55
14672.000	38.00	616.00	613.70	605.90	1657.00	618.09	0.00	618.31	1.22	4.30	1386.00	1503.22
14721.000	49.00	0.00	0.00	606.90	792.00	616.42	0.00	616.65	32.15	0.00	207.74	139.69
14721.000	49.00	0.00	0.00	606.90	1080.00	616.79	0.00	617.10	48.04	0.00	239.29	155.82
14721.000	49.00	0.00	0.00	606.90	1231.00	617.15	0.00	617.44	49.03	0.00	281.70	175.80
14721.000	49.00	0.00	0.00	606.90	1657.00	618.14	0.00	618.33	40.91	0.00	473.52	259.07
17010.000	2289.00	0.00	0.00	609.30	792.00	619.22	0.00	619.38	6.14	3.31	301.78	319.56
17010.000	2289.00	0.00	0.00	609.30	1080.00	620.09	0.00	620.27	6.43	3.69	440.23	425.77
17010.000	2289.00	0.00	0.00	609.30	1231.00	620.44	0.00	620.64	6.46	3.82	558.52	484.46
17010.000	2289.00	0.00	0.00	609.30	1657.00	621.16	0.00	621.34	6.40	4.04	945.75	654.76
17059.000	49.00	0.00	0.00	609.60	792.00	619.23	0.00	619.42	5.14	4.07	314.96	349.38
17059.000	49.00	0.00	0.00	609.60	1080.00	620.09	0.00	620.33	6.03	4.67	481.92	439.93
17059.000	49.00	0.00	0.00	609.60	1231.00	620.46	0.00	620.68	5.97	4.75	628.24	503.99
17059.000	49.00	0.00	0.00	609.60	1657.00	621.18	0.00	621.38	5.76	4.88	968.74	690.16

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
17239.000	180.00	619.90	616.70	609.60	792.00	620.21	0.00	620.32	3.00	3.32	519.94	457.28
17239.000	180.00	619.90	616.70	609.60	1080.00	620.47	0.00	620.64	4.54	4.15	634.30	506.73
17239.000	180.00	619.90	616.70	609.60	1231.00	620.61	0.00	620.80	5.26	4.50	697.73	536.82
17239.000	180.00	619.90	616.70	609.60	1657.00	621.19	0.00	621.38	5.72	4.86	973.30	693.04
17288.000	49.00	0.00	0.00	609.30	792.00	620.25	0.00	620.34	3.09	2.60	489.99	450.79
17288.000	49.00	0.00	0.00	609.30	1080.00	620.53	0.00	620.67	4.67	3.27	590.40	499.94
17288.000	49.00	0.00	0.00	609.30	1231.00	620.67	0.00	620.83	5.44	3.58	650.85	527.71
17288.000	49.00	0.00	0.00	609.30	1657.00	621.24	0.00	621.41	5.96	3.92	995.80	678.70
18250.000	962.00	0.00	0.00	612.00	792.00	620.55	0.00	620.58	1.98	1.98	1021.30	563.32
18250.000	962.00	0.00	0.00	612.00	1080.00	620.95	0.00	620.99	2.37	2.25	1266.81	702.11
18250.000	962.00	0.00	0.00	612.00	1231.00	621.14	0.00	621.18	2.52	2.37	1390.22	775.91
18250.000	962.00	0.00	0.00	612.00	1657.00	621.74	0.00	621.78	2.55	2.51	1808.74	1036.80
18299.000	49.00	0.00	0.00	610.60	792.00	620.56	0.00	620.59	1.16	1.43	1091.51	734.44
18299.000	49.00	0.00	0.00	610.60	1080.00	620.97	0.00	621.00	1.45	1.67	1357.51	896.47
18299.000	49.00	0.00	0.00	610.60	1231.00	621.16	0.00	621.20	1.56	1.77	1496.26	984.71
18299.000	49.00	0.00	0.00	610.60	1657.00	621.76	0.00	621.79	1.64	1.93	1942.94	1292.09
18301.000	2.00	617.60	619.20	610.60	792.00	620.58	0.00	620.59	3.40	1.11	1057.76	429.61
18301.000	2.00	617.60	619.20	610.60	1080.00	620.99	0.00	621.00	3.75	1.22	1324.37	558.08
18301.000	2.00	617.60	619.20	610.60	1231.00	621.19	0.00	621.20	3.77	1.26	1470.95	633.76
18301.000	2.00	617.60	619.20	610.60	1657.00	621.78	0.00	621.80	3.47	1.29	1918.09	888.92
18307.000	6.00	617.60	616.60	610.60	792.00	620.58	0.00	620.59	3.36	1.10	1063.00	431.99
18307.000	6.00	617.60	616.60	610.60	1080.00	620.99	0.00	621.01	3.69	1.22	1332.39	562.08
18307.000	6.00	617.60	616.60	610.60	1231.00	621.19	0.00	621.20	3.77	1.26	1472.10	634.37
18307.000	6.00	617.60	616.60	610.60	1657.00	621.79	0.00	621.80	3.47	1.29	1919.28	889.64
18309.000	2.00	0.00	0.00	610.60	792.00	620.57	0.00	620.60	1.14	1.42	1106.67	743.36
18309.000	2.00	0.00	0.00	610.60	1080.00	620.98	0.00	621.01	1.42	1.66	1372.62	905.87
18309.000	2.00	0.00	0.00	610.60	1231.00	621.18	0.00	621.21	1.53	1.76	1511.70	994.77
18309.000	2.00	0.00	0.00	610.60	1657.00	621.77	0.00	621.81	1.62	1.92	1957.94	1302.95
18358.000	49.00	0.00	0.00	612.00	792.00	620.57	0.00	620.61	1.39	1.95	1044.58	575.97
18358.000	49.00	0.00	0.00	612.00	1080.00	620.98	0.00	621.02	2.27	2.22	1292.44	717.23
18358.000	49.00	0.00	0.00	612.00	1231.00	621.18	0.00	621.22	2.41	2.33	1418.13	792.93
18358.000	49.00	0.00	0.00	612.00	1657.00	621.78	0.00	621.82	2.45	2.47	1845.05	1059.35
18630.000	272.00	0.00	0.00	610.60	792.00	620.61	0.00	620.68	3.15	2.12	375.67	446.54
18630.000	272.00	0.00	0.00	610.60	1080.00	621.02	0.00	621.13	4.60	2.66	412.77	503.75
18630.000	272.00	0.00	0.00	610.60	1231.00	621.21	0.00	621.34	5.31	2.92	449.94	534.24
18630.000	272.00	0.00	0.00	610.60	1657.00	621.78	0.00	621.96	6.45	3.44	617.53	652.25
18679.000	49.00	0.00	0.00	610.80	792.00	620.60	0.00	620.72	5.26	2.84	316.98	345.43
18679.000	49.00	0.00	0.00	610.80	1080.00	621.00	0.00	621.18	7.42	3.46	443.40	396.36
18679.000	49.00	0.00	0.00	610.80	1231.00	621.20	0.00	621.39	8.13	3.67	547.54	431.76
18679.000	49.00	0.00	0.00	610.80	1657.00	621.83	0.00	622.00	7.43	3.74	986.64	608.08

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
18681.000	2.00	621.10	621.30	610.80	792.00	620.58	0.00	620.74	9.93	3.27	279.10	251.31
18681.000	2.00	621.10	621.30	610.80	1080.00	620.96	0.00	621.22	17.71	4.17	374.77	256.62
18681.000	2.00	621.10	621.30	610.80	1231.00	621.16	0.00	621.43	22.05	4.45	463.95	262.13
18681.000	2.00	621.10	621.30	610.80	1657.00	621.89	0.00	622.01	19.12	3.52	972.48	378.93
18717.000	36.00	621.10	619.60	610.80	792.00	620.61	0.00	620.78	9.93	3.26	282.41	251.33
18717.000	36.00	621.10	619.60	610.80	1080.00	621.05	0.00	621.28	17.25	4.07	409.53	260.05
18717.000	36.00	621.10	619.60	610.80	1231.00	621.37	0.00	621.55	26.17	3.83	576.70	240.65
18717.000	36.00	621.10	619.60	610.80	1657.00	621.98	0.00	622.08	16.59	3.32	1041.95	406.83
18719.000	2.00	0.00	0.00	610.80	792.00	620.66	0.00	620.78	5.04	2.80	333.07	352.77
18719.000	2.00	0.00	0.00	610.80	1080.00	621.14	0.00	621.29	6.62	3.30	512.57	419.62
18719.000	2.00	0.00	0.00	610.80	1231.00	621.39	0.00	621.55	6.68	3.39	667.94	476.12
18719.000	2.00	0.00	0.00	610.80	1657.00	621.95	0.00	622.10	6.42	3.53	1087.77	654.08
18768.000	49.00	0.00	0.00	610.60	792.00	620.76	0.00	620.82	9.72	0.00	387.19	254.01
18768.000	49.00	0.00	0.00	610.60	1080.00	621.26	0.00	621.35	13.40	0.00	461.09	294.98
18768.000	49.00	0.00	0.00	610.60	1231.00	621.52	0.00	621.60	14.50	0.00	523.69	323.25
18768.000	49.00	0.00	0.00	610.60	1657.00	622.08	0.00	622.15	16.45	0.00	759.00	408.52
19845.000	1077.00	0.00	0.00	612.50	792.00	621.67	0.00	621.79	8.09	3.23	473.52	278.54
19845.000	1077.00	0.00	0.00	612.50	1080.00	622.28	0.00	622.39	7.26	3.30	730.28	400.81
19845.000	1077.00	0.00	0.00	612.50	1231.00	622.54	0.00	622.65	6.86	3.31	874.07	470.04
19845.000	1077.00	0.00	0.00	612.50	1657.00	623.11	0.00	623.21	6.43	3.40	1225.09	653.58
19894.000	49.00	0.00	0.00	613.00	792.00	621.65	0.00	621.91	14.25	4.30	265.27	209.81
19894.000	49.00	0.00	0.00	613.00	1080.00	622.24	0.00	622.54	16.47	4.79	374.47	266.13
19894.000	49.00	0.00	0.00	613.00	1231.00	622.49	0.00	622.80	17.17	4.96	438.64	297.06
19894.000	49.00	0.00	0.00	613.00	1657.00	623.05	0.00	623.37	18.62	5.34	616.24	383.98
20007.000	113.00	623.50	622.00	613.00	792.00	621.57	617.95	622.66	91.91	8.36	94.69	82.61
20007.000	113.00	623.50	622.00	613.00	1080.00	622.86	0.00	623.02	9.46	3.76	549.25	351.06
20007.000	113.00	623.50	622.00	613.00	1231.00	623.01	0.00	623.19	10.68	4.03	601.39	376.66
20007.000	113.00	623.50	622.00	613.00	1657.00	623.33	0.00	623.57	14.17	4.73	728.63	440.24
20056.000	49.00	0.00	0.00	612.50	792.00	622.76	0.00	622.79	2.19	1.92	1002.21	534.76
20056.000	49.00	0.00	0.00	612.50	1080.00	623.01	0.00	623.06	3.05	2.32	1160.99	618.31
20056.000	49.00	0.00	0.00	612.50	1231.00	623.18	0.00	623.23	3.27	2.45	1273.25	680.66
20056.000	49.00	0.00	0.00	612.50	1657.00	623.56	0.00	623.62	3.95	2.79	1531.72	833.82
21606.000	1550.00	0.00	0.00	614.80	611.00	623.15	0.00	623.20	3.24	2.18	660.41	339.25
21606.000	1550.00	0.00	0.00	614.80	865.00	623.53	0.00	623.59	3.89	2.50	874.03	438.85
21606.000	1550.00	0.00	0.00	614.80	998.00	623.73	0.00	623.79	3.99	2.59	988.83	499.42
21606.000	1550.00	0.00	0.00	614.80	1394.00	624.20	0.00	624.26	4.40	2.86	1267.08	664.55
21655.000	49.00	0.00	0.00	615.80	365.00	623.20	0.00	623.21	1.21	1.11	733.56	332.08
21655.000	49.00	0.00	0.00	615.80	507.00	623.59	0.00	623.60	1.38	1.26	914.79	431.85
21655.000	49.00	0.00	0.00	615.80	580.00	623.79	0.00	623.80	1.40	1.30	1012.54	490.30
21655.000	49.00	0.00	0.00	615.80	791.00	624.27	0.00	624.28	1.50	1.44	1252.26	645.66

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
21657.000	2.00	621.10	621.80	615.80	365.00	623.20	0.00	623.21	2.64	1.71	624.75	224.46
21657.000	2.00	621.10	621.80	615.80	507.00	623.59	0.00	623.61	2.40	1.94	806.04	327.07
21657.000	2.00	621.10	621.80	615.80	580.00	623.79	0.00	623.81	2.23	2.01	903.80	388.25
21657.000	2.00	621.10	621.80	615.80	791.00	624.26	0.00	624.29	2.04	2.23	1143.56	553.26
21680.000	23.00	622.60	621.80	615.80	365.00	623.21	0.00	623.22	2.63	1.71	625.92	225.08
21680.000	23.00	622.60	621.80	615.80	507.00	623.59	0.00	623.61	2.40	1.94	806.68	327.46
21680.000	23.00	622.60	621.80	615.80	580.00	623.79	0.00	623.81	2.23	2.01	904.10	388.45
21680.000	23.00	622.60	621.80	615.80	791.00	624.27	0.00	624.29	2.05	2.24	1143.06	552.89
21682.000	2.00	0.00	0.00	615.80	365.00	623.21	0.00	623.22	1.20	1.11	735.90	333.32
21682.000	2.00	0.00	0.00	615.80	507.00	623.60	0.00	623.61	1.37	1.25	916.49	432.84
21682.000	2.00	0.00	0.00	615.80	580.00	623.80	0.00	623.81	1.39	1.30	1013.80	491.07
21682.000	2.00	0.00	0.00	615.80	791.00	624.28	0.00	624.29	1.49	1.43	1255.37	647.75
21731.000	49.00	0.00	0.00	614.80	365.00	623.21	0.00	623.23	1.04	1.25	702.87	357.58
21731.000	49.00	0.00	0.00	614.80	507.00	623.60	0.00	623.62	1.19	1.39	925.60	465.49
21731.000	49.00	0.00	0.00	614.80	580.00	623.80	0.00	623.82	1.20	1.44	1041.56	528.75
21731.000	49.00	0.00	0.00	614.80	791.00	624.28	0.00	624.30	1.28	1.56	1319.90	698.89
23500.000	1769.00	0.00	0.00	617.20	365.00	623.51	0.00	623.58	4.33	2.20	255.43	175.51
23500.000	1769.00	0.00	0.00	617.20	507.00	623.94	0.00	624.02	4.93	2.51	379.19	228.33
23500.000	1769.00	0.00	0.00	617.20	580.00	624.14	0.00	624.22	4.93	2.59	454.86	261.19
23500.000	1769.00	0.00	0.00	617.20	791.00	624.63	0.00	624.71	4.79	2.72	666.02	361.28

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10-YEAR FREQU

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
200.000	831.00	600.50	0.00	0.00	0.00	102.49	0.00
200.000	1129.00	601.60	1.10	0.00	0.00	194.62	0.00
200.000	1312.00	602.00	0.40	0.00	0.00	236.54	0.00
200.000	1872.00	603.20	1.20	0.00	0.00	787.31	0.00
650.000	831.00	600.98	0.00	0.48	0.00	141.36	450.00
650.000	1129.00	602.03	1.05	0.43	0.00	243.81	450.00
650.000	1312.00	602.44	0.41	0.44	0.00	351.91	450.00
650.000	1872.00	603.54	1.10	0.34	0.00	624.20	450.00
699.000	831.00	601.00	0.00	0.02	0.00	41.51	49.00
699.000	1129.00	602.01	1.01	-0.02	0.00	139.48	49.00
699.000	1312.00	602.41	0.40	-0.04	0.00	228.78	49.00
699.000	1872.00	603.52	1.11	-0.02	0.00	627.81	49.00
714.000	831.00	602.09	0.00	1.10	0.00	153.67	15.00
714.000	1129.00	602.57	0.48	0.56	0.00	268.57	15.00
714.000	1312.00	602.71	0.14	0.31	0.00	336.83	15.00
714.000	1872.00	603.52	0.81	0.00	0.00	628.11	15.00
763.000	831.00	602.22	0.00	0.12	0.00	268.71	49.00
763.000	1129.00	602.75	0.54	0.18	0.00	533.70	49.00
763.000	1312.00	602.94	0.19	0.23	0.00	585.93	49.00
763.000	1872.00	603.72	0.78	0.20	0.00	639.83	49.00
1313.000	831.00	602.42	0.00	0.21	0.00	466.29	550.00
1313.000	1129.00	602.99	0.57	0.24	0.00	597.88	550.00
1313.000	1312.00	603.21	0.22	0.27	0.00	700.00	550.00
1313.000	1872.00	603.97	0.76	0.25	0.00	700.00	550.00
1362.000	831.00	602.35	0.00	-0.07	0.00	27.22	49.00
1362.000	1129.00	602.82	0.47	-0.17	0.00	31.32	49.00
1362.000	1312.00	602.97	0.15	-0.24	0.00	33.14	49.00
1362.000	1872.00	603.47	0.50	-0.50	0.00	39.33	49.00
1399.000	831.00	603.14	0.00	0.79	0.00	35.27	37.00
1399.000	1129.00	604.41	1.27	1.59	0.00	50.97	37.00
1399.000	1312.00	605.21	0.80	2.24	0.00	60.80	37.00
1399.000	1872.00	606.32	1.12	2.86	0.00	213.51	37.00
1448.000	831.00	603.45	0.00	0.31	0.00	700.00	49.00
1448.000	1129.00	604.83	1.38	0.41	0.00	700.00	49.00
1448.000	1312.00	605.65	0.83	0.44	0.00	700.00	49.00
1448.000	1872.00	606.93	1.27	0.60	0.00	700.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1998.000	831.00	603.53	0.00	0.08	0.00	572.12	550.00
1998.000	1129.00	604.86	1.33	0.04	0.00	600.00	550.00
1998.000	1312.00	605.68	0.81	0.03	0.00	600.00	550.00
1998.000	1872.00	606.95	1.27	0.02	0.00	600.00	550.00
2047.000	831.00	603.50	0.00	-0.03	0.00	300.00	49.00
2047.000	1129.00	604.85	1.35	-0.02	0.00	600.00	49.00
2047.000	1312.00	605.67	0.82	-0.01	0.00	600.00	49.00
2047.000	1872.00	606.94	1.27	0.00	0.00	600.00	49.00
2049.000	831.00	603.51	0.00	0.01	0.00	300.00	2.00
2049.000	1129.00	604.88	1.37	0.03	0.00	600.00	2.00
2049.000	1312.00	605.69	0.81	0.02	0.00	600.00	2.00
2049.000	1872.00	606.96	1.27	0.01	0.00	600.00	2.00
2076.000	831.00	603.62	0.00	0.12	0.00	307.44	27.00
2076.000	1129.00	604.90	1.28	0.02	0.00	600.00	27.00
2076.000	1312.00	605.70	0.80	0.01	0.00	600.00	27.00
2076.000	1872.00	606.96	1.26	0.01	0.00	600.00	27.00
2078.000	831.00	603.60	0.00	-0.02	0.00	300.70	2.00
2078.000	1129.00	604.88	1.28	-0.02	0.00	600.00	2.00
2078.000	1312.00	605.69	0.81	-0.01	0.00	600.00	2.00
2078.000	1872.00	606.95	1.27	-0.01	0.00	600.00	2.00
2127.000	831.00	603.71	0.00	0.10	0.00	579.41	49.00
2127.000	1129.00	604.94	1.23	0.06	0.00	600.00	49.00
2127.000	1312.00	605.72	0.78	0.04	0.00	600.00	49.00
2127.000	1872.00	606.98	1.26	0.03	0.00	600.00	49.00
2477.000	792.00	603.74	0.00	0.04	0.00	227.95	350.00
2477.000	1080.00	604.95	1.21	0.01	0.00	389.32	350.00
2477.000	1231.00	605.73	0.78	0.01	0.00	628.34	350.00
2477.000	1657.00	606.99	1.26	0.01	0.00	700.00	350.00
2526.000	792.00	603.35	0.00	-0.39	0.00	24.85	49.00
2526.000	1080.00	604.70	1.34	-0.25	0.00	343.98	49.00
2526.000	1231.00	605.66	0.97	-0.07	0.00	466.49	49.00
2526.000	1657.00	606.98	1.31	-0.01	0.00	500.00	49.00
2528.000	792.00	603.34	0.00	-0.01	0.00	24.77	2.00
2528.000	1080.00	605.02	1.68	0.32	0.00	401.93	2.00
2528.000	1231.00	605.78	0.76	0.12	0.00	478.17	2.00
2528.000	1657.00	607.02	1.24	0.04	0.00	500.00	2.00
2532.000	792.00	603.37	0.00	0.03	0.00	24.92	4.00
2532.000	1080.00	605.05	1.69	0.03	0.00	403.77	4.00
2532.000	1231.00	605.79	0.74	0.01	0.00	478.58	4.00
2532.000	1657.00	607.03	1.24	0.00	0.00	500.00	4.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2534.000	792.00	603.46	0.00	-0.09	0.00	26.12	2.00
2534.000	1080.00	604.97	1.51	-0.08	0.00	393.69	2.00
2534.000	1231.00	605.74	0.77	-0.05	0.00	473.92	2.00
2534.000	1657.00	607.00	1.26	-0.02	0.00	500.00	2.00
2583.000	792.00	604.10	0.00	0.64	0.00	369.13	49.00
2583.000	1080.00	605.28	1.18	0.31	0.00	525.29	49.00
2583.000	1231.00	605.86	0.58	0.12	0.00	663.66	49.00
2583.000	1657.00	607.05	1.18	0.04	0.00	700.00	49.00
2633.000	792.00	603.98	0.00	-0.12	0.00	76.34	50.00
2633.000	1080.00	605.14	1.16	-0.14	0.00	146.75	50.00
2633.000	1231.00	605.73	0.59	-0.13	0.00	231.86	50.00
2633.000	1657.00	606.96	1.23	-0.08	0.00	596.69	50.00
2682.000	792.00	604.15	0.00	0.17	0.00	41.98	49.00
2682.000	1080.00	605.29	1.14	0.15	0.00	102.66	49.00
2682.000	1231.00	605.85	0.56	0.12	0.00	325.12	49.00
2682.000	1657.00	607.02	1.17	0.05	0.00	600.00	49.00
2684.000	792.00	604.12	0.00	-0.03	0.00	41.90	2.00
2684.000	1080.00	605.22	1.10	-0.07	0.00	89.08	2.00
2684.000	1231.00	605.80	0.58	-0.05	0.00	319.96	2.00
2684.000	1657.00	607.07	1.27	0.05	0.00	600.00	2.00
2725.000	792.00	604.19	0.00	0.07	0.00	42.07	41.00
2725.000	1080.00	605.31	1.12	0.09	0.00	105.64	41.00
2725.000	1231.00	605.97	0.66	0.17	0.00	337.47	41.00
2725.000	1657.00	607.14	1.17	0.08	0.00	600.00	41.00
2727.000	792.00	604.33	0.00	0.14	0.00	42.39	2.00
2727.000	1080.00	605.64	1.31	0.33	0.00	303.79	2.00
2727.000	1231.00	606.16	0.52	0.19	0.00	364.95	2.00
2727.000	1657.00	607.12	0.96	-0.02	0.00	600.00	2.00
2826.000	792.00	604.31	0.00	-0.02	0.00	92.56	99.00
2826.000	1080.00	605.65	1.34	0.01	0.00	220.96	99.00
2826.000	1231.00	606.18	0.53	0.02	0.00	450.57	99.00
2826.000	1657.00	607.15	0.98	0.03	0.00	609.52	99.00
3551.000	792.00	604.97	0.00	0.66	0.00	360.62	725.00
3551.000	1080.00	606.16	1.19	0.51	0.00	651.21	725.00
3551.000	1231.00	606.62	0.46	0.44	0.00	700.00	725.00
3551.000	1657.00	607.49	0.87	0.33	0.00	700.00	725.00
3600.000	792.00	605.00	0.00	0.03	0.00	305.50	49.00
3600.000	1080.00	606.18	1.18	0.02	0.00	700.00	49.00
3600.000	1231.00	606.64	0.46	0.02	0.00	700.00	49.00
3600.000	1657.00	607.51	0.86	0.02	0.00	700.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
3602.000	792.00	603.96	0.00	-1.04	0.00	65.72	2.00
3602.000	1080.00	606.12	2.16	-0.06	0.00	700.00	2.00
3602.000	1231.00	606.62	0.49	-0.03	0.00	700.00	2.00
3602.000	1657.00	607.49	0.88	-0.01	0.00	700.00	2.00
3634.000	792.00	604.22	0.00	0.26	0.00	90.86	32.00
3634.000	1080.00	606.19	1.97	0.07	0.00	700.00	32.00
3634.000	1231.00	606.64	0.45	0.02	0.00	700.00	32.00
3634.000	1657.00	607.51	0.86	0.01	0.00	700.00	32.00
3636.000	792.00	606.72	0.00	2.50	0.00	700.00	2.00
3636.000	1080.00	606.31	-0.41	0.12	0.00	700.00	2.00
3636.000	1231.00	606.70	0.39	0.06	0.00	700.00	2.00
3636.000	1657.00	607.54	0.83	0.03	0.00	700.00	2.00
3685.000	792.00	606.73	0.00	0.01	0.00	700.00	49.00
3685.000	1080.00	606.33	-0.39	0.02	0.00	677.45	49.00
3685.000	1231.00	606.72	0.38	0.01	0.00	700.00	49.00
3685.000	1657.00	607.54	0.83	0.01	0.00	700.00	49.00
4480.000	792.00	606.83	0.00	0.10	0.00	370.85	795.00
4480.000	1080.00	606.62	-0.21	0.28	0.00	352.37	795.00
4480.000	1231.00	606.96	0.34	0.24	0.00	382.31	795.00
4480.000	1657.00	607.74	0.78	0.19	0.00	504.82	795.00
4529.000	792.00	606.77	0.00	-0.06	0.00	381.81	49.00
4529.000	1080.00	606.48	-0.29	-0.14	0.00	315.71	49.00
4529.000	1231.00	606.81	0.33	-0.15	0.00	391.39	49.00
4529.000	1657.00	607.58	0.77	-0.16	0.00	464.14	49.00
4567.000	792.00	606.77	0.00	0.00	0.00	381.87	38.00
4567.000	1080.00	606.56	-0.21	0.08	0.00	334.77	38.00
4567.000	1231.00	606.81	0.25	0.00	0.00	391.51	38.00
4567.000	1657.00	607.58	0.77	0.00	0.00	464.23	38.00
4616.000	792.00	607.00	0.00	0.23	0.00	384.86	49.00
4616.000	1080.00	607.05	0.05	0.49	0.00	393.06	49.00
4616.000	1231.00	607.35	0.31	0.54	0.00	442.55	49.00
4616.000	1657.00	608.14	0.79	0.56	0.00	570.05	49.00
5486.000	792.00	607.32	0.00	0.32	0.00	529.91	870.00
5486.000	1080.00	607.57	0.25	0.52	0.00	575.97	870.00
5486.000	1231.00	607.85	0.28	0.49	0.00	605.88	870.00
5486.000	1657.00	608.56	0.71	0.42	0.00	627.52	870.00
5535.000	792.00	607.31	0.00	-0.31	0.00	370.79	49.00
5535.000	1080.00	607.54	0.23	-0.03	0.00	403.63	49.00
5535.000	1231.00	607.80	0.26	-0.05	0.00	499.04	49.00
5535.000	1657.00	608.48	0.68	-0.08	0.00	542.32	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5570.000	792.00	607.31	0.00	0.00	0.00	370.82	35.00
5570.000	1080.00	607.54	0.23	0.00	0.00	403.83	35.00
5570.000	1231.00	607.80	0.26	0.00	0.00	499.22	35.00
5570.000	1657.00	608.48	0.68	0.00	0.00	542.35	35.00
5619.000	792.00	607.46	0.00	0.15	0.00	555.28	49.00
5619.000	1080.00	607.78	0.32	0.24	0.00	603.16	49.00
5619.000	1231.00	608.06	0.28	0.26	0.00	614.44	49.00
5619.000	1657.00	608.77	0.71	0.29	0.00	631.98	49.00
6944.000	792.00	608.35	0.00	0.90	0.00	267.21	1325.00
6944.000	1080.00	608.82	0.47	1.04	0.00	311.22	1325.00
6944.000	1231.00	609.05	0.23	0.99	0.00	332.42	1325.00
6944.000	1657.00	609.62	0.57	0.85	0.00	386.33	1325.00
6993.000	792.00	608.36	0.00	0.01	0.00	38.82	49.00
6993.000	1080.00	608.80	0.44	-0.02	0.00	39.78	49.00
6993.000	1231.00	609.01	0.20	-0.04	0.00	40.22	49.00
6993.000	1657.00	609.51	0.50	-0.11	0.00	218.85	49.00
7107.000	792.00	609.33	0.00	0.97	0.00	154.57	114.00
7107.000	1080.00	609.73	0.40	0.93	0.00	325.90	114.00
7107.000	1231.00	609.85	0.11	0.84	0.00	358.12	114.00
7107.000	1657.00	610.05	0.20	0.54	0.00	416.05	114.00
7156.000	792.00	609.43	0.00	0.10	0.00	368.94	49.00
7156.000	1080.00	609.90	0.47	0.17	0.00	414.96	49.00
7156.000	1231.00	610.05	0.15	0.21	0.00	537.30	49.00
7156.000	1657.00	610.39	0.34	0.34	0.00	614.71	49.00
8835.000	792.00	609.88	0.00	0.45	0.00	348.30	1679.00
8835.000	1080.00	610.44	0.55	0.54	0.00	394.77	1679.00
8835.000	1231.00	610.65	0.22	0.60	0.00	412.27	1679.00
8835.000	1657.00	611.16	0.50	0.77	0.00	446.21	1679.00
8884.000	792.00	609.86	0.00	-0.02	0.00	340.34	49.00
8884.000	1080.00	610.43	0.57	-0.01	0.00	408.34	49.00
8884.000	1231.00	610.66	0.22	0.00	0.00	431.44	49.00
8884.000	1657.00	611.17	0.52	0.02	0.00	482.81	49.00
8886.000	792.00	609.89	0.00	0.03	0.00	344.55	2.00
8886.000	1080.00	610.50	0.61	0.07	0.00	415.35	2.00
8886.000	1231.00	610.73	0.22	0.07	0.00	437.81	2.00
8886.000	1657.00	611.24	0.52	0.07	0.00	489.34	2.00
8916.000	792.00	610.14	0.00	0.25	0.00	378.27	30.00
8916.000	1080.00	610.55	0.51	0.15	0.00	430.13	30.00
8916.000	1231.00	610.86	0.21	0.13	0.00	450.92	30.00
8916.000	1657.00	611.36	0.50	0.11	0.00	500.59	30.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8918.000	792.00	610.13	0.00	-0.02	0.00	375.74	2.00
8918.000	1080.00	610.63	0.50	-0.02	0.00	427.83	2.00
8918.000	1231.00	610.83	0.21	-0.02	0.00	448.44	2.00
8918.000	1657.00	611.33	0.50	-0.02	0.00	498.26	2.00
8967.000	792.00	610.21	0.00	0.08	0.00	375.65	49.00
8967.000	1080.00	610.70	0.49	0.07	0.00	414.96	49.00
8967.000	1231.00	610.90	0.20	0.06	0.00	428.16	49.00
8967.000	1657.00	611.39	0.49	0.05	0.00	459.92	49.00
9535.000	792.00	610.37	0.00	0.16	0.00	162.74	568.00
9535.000	1080.00	610.87	0.50	0.17	0.00	271.55	568.00
9535.000	1231.00	611.08	0.21	0.18	0.00	317.46	568.00
9535.000	1657.00	611.61	0.52	0.22	0.00	426.74	568.00
9584.000	792.00	610.40	0.00	0.03	0.00	233.28	49.00
9584.000	1080.00	610.92	0.53	0.05	0.00	340.02	49.00
9584.000	1231.00	611.16	0.24	0.08	0.00	391.94	49.00
9584.000	1657.00	611.79	0.62	0.18	0.00	608.87	49.00
9616.000	792.00	610.65	0.00	0.25	0.00	284.09	32.00
9616.000	1080.00	610.95	0.31	0.03	0.00	346.59	32.00
9616.000	1231.00	611.17	0.21	0.00	0.00	393.19	32.00
9616.000	1657.00	611.79	0.62	0.00	0.00	608.49	32.00
9665.000	792.00	610.72	0.00	0.07	0.00	237.23	49.00
9665.000	1080.00	611.04	0.32	0.09	0.00	306.63	49.00
9665.000	1231.00	611.24	0.20	0.07	0.00	350.00	49.00
9665.000	1657.00	611.82	0.58	0.03	0.00	469.18	49.00
10320.000	792.00	611.15	0.00	0.43	0.00	44.62	655.00
10320.000	1080.00	611.64	0.49	0.60	0.00	60.99	655.00
10320.000	1231.00	611.88	0.24	0.64	0.00	118.81	655.00
10320.000	1657.00	612.49	0.61	0.67	0.00	245.37	655.00
10369.000	792.00	611.13	0.00	-0.02	0.00	37.33	49.00
10369.000	1080.00	611.60	0.48	-0.04	0.00	95.73	49.00
10369.000	1231.00	611.84	0.23	-0.04	0.00	154.61	49.00
10369.000	1657.00	612.40	0.56	-0.09	0.00	214.60	49.00
10431.000	792.00	612.31	0.00	1.18	0.00	195.73	62.00
10431.000	1080.00	612.63	0.32	1.03	0.00	228.78	62.00
10431.000	1231.00	612.75	0.11	0.91	0.00	235.90	62.00
10431.000	1657.00	612.95	0.20	0.54	0.00	265.80	62.00
10480.000	792.00	612.38	0.00	0.07	0.00	244.36	49.00
10480.000	1080.00	612.76	0.38	0.13	0.00	382.26	49.00
10480.000	1231.00	612.92	0.16	0.17	0.00	407.69	49.00
10480.000	1657.00	613.29	0.38	0.34	0.00	436.75	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11370.000	792.00	612.80	0.00	0.42	0.00	53.65	890.00
11370.000	1080.00	613.32	0.52	0.56	0.00	62.39	890.00
11370.000	1231.00	613.55	0.23	0.63	0.00	77.88	890.00
11370.000	1657.00	614.09	0.54	0.79	0.00	114.80	890.00
11419.000	792.00	612.87	0.00	0.08	0.00	41.97	49.00
11419.000	1080.00	613.44	0.56	0.12	0.00	43.51	49.00
11419.000	1231.00	613.69	0.25	0.14	0.00	44.18	49.00
11419.000	1657.00	614.28	0.59	0.19	0.00	45.79	49.00
11480.000	792.00	613.84	0.00	0.97	0.00	44.61	61.00
11480.000	1080.00	614.99	1.15	1.55	0.00	130.49	61.00
11480.000	1231.00	615.15	0.16	1.46	0.00	205.36	61.00
11480.000	1657.00	615.41	0.26	1.13	0.00	307.37	61.00
11510.000	792.00	613.91	0.00	0.07	0.00	98.14	30.00
11510.000	1080.00	615.09	1.18	0.10	0.00	331.60	30.00
11510.000	1231.00	615.28	0.19	0.13	0.00	362.09	30.00
11510.000	1657.00	615.64	0.36	0.23	0.00	479.81	30.00
11510.000	792.00	613.91	0.00	0.00	0.00	98.14	0.00
11510.000	1080.00	615.09	1.18	0.00	0.00	331.60	0.00
11510.000	1231.00	615.28	0.19	0.00	0.00	362.08	0.00
11510.000	1657.00	615.64	0.36	0.00	0.00	479.67	0.00
11559.000	792.00	613.91	0.00	0.00	0.00	48.84	49.00
11559.000	1080.00	615.08	1.17	-0.01	0.00	69.21	49.00
11559.000	1231.00	615.26	0.18	-0.02	0.00	87.30	49.00
11559.000	1657.00	615.60	0.33	-0.04	0.00	120.35	49.00
11622.000	792.00	614.23	0.00	0.32	0.00	49.65	63.00
11622.000	1080.00	615.73	1.50	0.65	0.00	133.85	63.00
11622.000	1231.00	616.13	0.39	0.86	0.00	172.97	63.00
11622.000	1657.00	617.12	0.99	1.52	0.00	439.31	63.00
11671.000	792.00	614.28	0.00	0.06	0.00	165.08	49.00
11671.000	1080.00	615.84	1.56	0.11	0.00	593.72	49.00
11671.000	1231.00	616.26	0.42	0.14	0.00	663.04	49.00
11671.000	1657.00	617.29	1.03	0.17	0.00	728.93	49.00
12346.000	792.00	614.67	0.00	0.39	0.00	532.60	675.00
12346.000	1080.00	616.02	1.34	0.17	0.00	800.00	675.00
12346.000	1231.00	616.41	0.39	0.15	0.00	800.00	675.00
12346.000	1657.00	617.39	0.99	0.13	0.00	800.00	675.00
12395.000	792.00	614.69	0.00	0.02	0.00	464.06	49.00
12395.000	1080.00	616.02	1.33	0.00	0.00	595.31	49.00
12395.000	1231.00	616.41	0.39	0.00	0.00	760.00	49.00
12395.000	1657.00	617.39	0.98	0.00	0.00	760.00	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
12397.000	792.00	614.73	0.00	0.04	0.00	465.46	2.00
12397.000	1080.00	616.04	1.31	0.02	0.00	598.16	2.00
12397.000	1231.00	616.43	0.39	0.01	0.00	760.00	2.00
12397.000	1657.00	617.41	0.98	0.01	0.00	760.00	2.00
12403.000	792.00	614.73	0.00	0.00	0.00	465.61	6.00
12403.000	1080.00	616.04	1.31	0.00	0.00	607.18	6.00
12403.000	1231.00	616.43	0.39	0.00	0.00	760.00	6.00
12403.000	1657.00	617.41	0.98	0.00	0.00	760.00	6.00
12405.000	792.00	614.71	0.00	-0.02	0.00	465.32	2.00
12405.000	1080.00	616.03	1.32	-0.01	0.00	608.11	2.00
12405.000	1231.00	616.42	0.39	-0.01	0.00	760.00	2.00
12405.000	1657.00	617.40	0.98	-0.01	0.00	760.00	2.00
12454.000	792.00	614.74	0.00	0.02	0.00	532.72	49.00
12454.000	1080.00	616.04	1.31	0.01	0.00	800.00	49.00
12454.000	1231.00	616.43	0.39	0.01	0.00	800.00	49.00
12454.000	1657.00	617.41	0.98	0.01	0.00	800.00	49.00
14585.000	792.00	616.04	0.00	1.31	0.00	48.19	2131.00
14585.000	1080.00	616.57	0.52	0.52	0.00	83.72	2131.00
14585.000	1231.00	616.84	0.27	0.40	0.00	104.73	2131.00
14585.000	1657.00	617.59	0.76	0.18	0.00	169.17	2131.00
14634.000	792.00	616.18	0.00	0.14	0.00	256.37	49.00
14634.000	1080.00	616.81	0.63	0.25	0.00	487.69	49.00
14634.000	1231.00	617.15	0.34	0.32	0.00	634.58	49.00
14634.000	1657.00	618.09	0.93	0.49	0.00	800.00	49.00
14672.000	792.00	616.45	0.00	0.27	0.00	386.18	38.00
14672.000	1080.00	616.81	0.36	0.00	0.00	487.88	38.00
14672.000	1231.00	617.15	0.34	0.00	0.00	633.72	38.00
14672.000	1657.00	618.09	0.93	0.00	0.00	800.00	38.00
14721.000	792.00	616.42	0.00	-0.03	0.00	72.36	49.00
14721.000	1080.00	616.79	0.36	-0.03	0.00	101.04	49.00
14721.000	1231.00	617.15	0.36	-0.01	0.00	131.20	49.00
14721.000	1657.00	618.14	1.00	0.06	0.00	304.39	49.00
17010.000	792.00	619.22	0.00	2.79	0.00	129.66	2289.00
17010.000	1080.00	620.09	0.87	3.30	0.00	284.32	2289.00
17010.000	1231.00	620.44	0.36	3.30	0.00	372.09	2289.00
17010.000	1657.00	621.16	0.71	3.01	0.00	654.00	2289.00
17059.000	792.00	619.23	0.00	0.01	0.00	70.07	49.00
17059.000	1080.00	620.09	0.87	0.01	0.00	311.03	49.00
17059.000	1231.00	620.46	0.36	0.01	0.00	466.30	49.00
17059.000	1657.00	621.18	0.72	0.03	0.00	482.01	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
17239.000	792.00	620.21	0.00	0.00	0.00	367.45	180.00
17239.000	1080.00	620.47	0.27	0.38	0.00	466.58	180.00
17239.000	1231.00	620.61	0.13	0.15	0.00	469.55	180.00
17239.000	1657.00	621.19	0.58	0.00	0.00	482.21	180.00
17288.000	792.00	620.25	0.00	0.04	0.00	324.15	49.00
17288.000	1080.00	620.53	0.28	0.06	0.00	392.40	49.00
17288.000	1231.00	620.67	0.14	0.06	0.00	491.41	49.00
17288.000	1657.00	621.24	0.57	0.05	0.00	655.91	49.00
18250.000	792.00	620.55	0.00	0.30	0.00	578.75	962.00
18250.000	1080.00	620.95	0.40	0.42	0.00	624.50	962.00
18250.000	1231.00	621.14	0.19	0.48	0.00	646.28	962.00
18250.000	1657.00	621.74	0.60	0.50	0.00	782.20	962.00
18299.000	792.00	620.56	0.00	0.02	0.00	609.41	49.00
18299.000	1080.00	620.97	0.40	0.02	0.00	693.10	49.00
18299.000	1231.00	621.16	0.19	0.02	0.00	716.20	49.00
18299.000	1657.00	621.76	0.59	0.02	0.00	776.07	49.00
18301.000	792.00	620.58	0.00	0.01	0.00	613.09	2.00
18301.000	1080.00	620.99	0.41	0.02	0.00	695.87	2.00
18301.000	1231.00	621.19	0.20	0.02	0.00	718.63	2.00
18301.000	1657.00	621.78	0.60	0.03	0.00	778.37	2.00
18307.000	792.00	620.58	0.00	0.00	0.00	615.22	6.00
18307.000	1080.00	620.99	0.41	0.00	0.00	698.17	6.00
18307.000	1231.00	621.19	0.20	0.00	0.00	718.79	6.00
18307.000	1657.00	621.79	0.60	0.00	0.00	778.52	6.00
18309.000	792.00	620.57	0.00	-0.01	0.00	615.60	2.00
18309.000	1080.00	620.98	0.41	-0.01	0.00	697.44	2.00
18309.000	1231.00	621.18	0.20	-0.01	0.00	718.35	2.00
18309.000	1657.00	621.77	0.60	-0.01	0.00	778.00	2.00
18358.000	792.00	620.57	0.00	0.00	0.00	583.24	49.00
18358.000	1080.00	620.98	0.41	0.00	0.00	629.08	49.00
18358.000	1231.00	621.18	0.20	0.00	0.00	651.10	49.00
18358.000	1657.00	621.78	0.60	0.00	0.00	795.80	49.00
18630.000	792.00	620.61	0.00	0.04	0.00	81.16	272.00
18630.000	1080.00	621.02	0.40	0.04	0.00	189.68	272.00
18630.000	1231.00	621.21	0.19	0.03	0.00	215.69	272.00
18630.000	1657.00	621.78	0.57	0.01	0.00	436.23	272.00
18679.000	792.00	620.60	0.00	-0.02	0.00	230.01	49.00
18679.000	1080.00	621.00	0.40	-0.02	0.00	455.87	49.00
18679.000	1231.00	621.20	0.20	-0.01	0.00	573.95	49.00
18679.000	1657.00	621.83	0.63	0.04	0.00	802.31	49.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
18681.000	792.00	620.58	0.00	-0.02	0.00	227.80	-2.00
18681.000	1080.00	620.96	0.39	-0.04	0.00	425.60	2.00
18681.000	1231.00	621.16	0.20	-0.04	0.00	557.24	2.00
18681.000	1657.00	621.89	0.73	0.07	0.00	807.88	2.00
18717.000	792.00	620.61	0.00	0.04	0.00	232.40	36.00
18717.000	1080.00	621.05	0.44	0.08	0.00	491.71	36.00
18717.000	1231.00	621.37	0.32	0.20	0.00	643.58	36.00
18717.000	1657.00	621.98	0.61	0.09	0.00	815.02	36.00
18719.000	792.00	620.66	0.00	0.05	0.00	247.53	2.00
18719.000	1080.00	621.14	0.47	0.09	0.00	545.28	2.00
18719.000	1231.00	621.39	0.26	0.03	0.00	657.87	2.00
18719.000	1657.00	621.95	0.56	-0.03	0.00	812.74	2.00
18768.000	792.00	620.76	0.00	0.09	0.00	82.98	49.00
18768.000	1080.00	621.26	0.50	0.12	0.00	223.13	49.00
18768.000	1231.00	621.52	0.26	0.12	0.00	271.45	49.00
18768.000	1657.00	622.08	0.56	0.12	0.00	528.92	49.00
19845.000	792.00	621.67	0.00	0.91	0.00	346.53	1077.00
19845.000	1080.00	622.28	0.61	1.02	0.00	523.89	1077.00
19845.000	1231.00	622.54	0.26	1.02	0.00	569.90	1077.00
19845.000	1657.00	623.11	0.57	1.03	0.00	660.47	1077.00
19894.000	792.00	621.65	0.00	-0.02	0.00	149.49	49.00
19894.000	1080.00	622.24	0.59	-0.04	0.00	231.43	49.00
19894.000	1231.00	622.49	0.25	-0.05	0.00	272.57	49.00
19894.000	1657.00	623.05	0.56	-0.06	0.00	362.89	49.00
20007.000	792.00	621.57	0.00	-0.08	0.00	143.35	113.00
20007.000	1080.00	622.86	1.29	0.62	0.00	331.72	113.00
20007.000	1231.00	623.01	0.15	0.52	0.00	356.21	113.00
20007.000	1657.00	623.33	0.32	0.28	0.00	437.75	113.00
20056.000	792.00	622.76	0.00	1.19	0.00	607.98	49.00
20056.000	1080.00	623.01	0.25	0.15	0.00	651.14	49.00
20056.000	1231.00	623.18	0.17	0.17	0.00	667.39	49.00
20056.000	1657.00	623.56	0.38	0.23	0.00	703.39	49.00
21606.000	611.00	623.15	0.00	0.39	0.00	566.26	1550.00
21606.000	865.00	623.53	0.38	0.51	0.00	574.40	1550.00
21606.000	998.00	623.73	0.20	0.54	0.00	578.73	1550.00
21606.000	1394.00	624.20	0.47	0.64	0.00	588.39	1550.00
21655.000	365.00	623.20	0.00	0.06	0.00	444.17	49.00
21655.000	507.00	623.59	0.39	0.06	0.00	483.11	49.00
21655.000	580.00	623.79	0.20	0.07	0.00	491.40	49.00
21655.000	791.00	624.27	0.47	0.07	0.00	526.60	49.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
21657.000	365.00	623.20	0.00	0.00	0.00	444.22	2.00
21657.000	507.00	623.59	0.39	0.00	0.00	483.13	2.00
21657.000	580.00	623.79	0.20	0.00	0.00	491.42	2.00
21657.000	791.00	624.26	0.47	0.00	0.00	526.66	2.00
21680.000	365.00	623.21	0.00	0.01	0.00	444.53	23.00
21680.000	507.00	623.59	0.39	0.01	0.00	483.18	23.00
21680.000	580.00	623.79	0.20	0.01	0.00	491.45	23.00
21680.000	791.00	624.27	0.47	0.00	0.00	526.57	23.00
21682.000	365.00	623.21	0.00	0.00	0.00	444.79	2.00
21682.000	507.00	623.60	0.39	0.01	0.00	483.25	2.00
21682.000	580.00	623.80	0.20	0.01	0.00	491.50	2.00
21682.000	791.00	624.28	0.48	0.01	0.00	527.19	2.00
21731.000	365.00	623.21	0.00	0.00	0.00	567.89	49.00
21731.000	507.00	623.60	0.39	0.00	0.00	576.35	49.00
21731.000	580.00	623.80	0.20	0.00	0.00	580.71	49.00
21731.000	791.00	624.28	0.48	0.00	0.00	589.69	49.00
23500.000	365.00	623.51	0.00	0.29	0.00	240.96	1769.00
23500.000	507.00	623.94	0.43	0.33	0.00	342.96	1769.00
23500.000	580.00	624.14	0.20	0.34	0.00	395.23	1769.00
23500.000	791.00	624.63	0.49	0.35	0.00	455.69	1769.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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FLOOD INSURANCE ZONE DATA FOR 10-YEAR FREQU

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
200.000	0.	-1.50	-0.40	1.20
650.000	450.	-1.46	-0.41	1.10
699.000	499.	-1.41	-0.40	1.11
714.000	514.	-0.62	-0.14	0.81
763.000	563.	-0.72	-0.19	0.78
1313.000	1113.	-0.78	-0.22	0.76
1362.000	1162.	-0.61	-0.15	0.50
1399.000	1199.	-2.07	-0.80	1.12
1448.000	1248.	-2.20	-0.83	1.27
1998.000	1798.	-2.15	-0.81	1.27
2047.000	1847.	-2.17	-0.82	1.27
2049.000	1849.	-2.18	-0.81	1.27
2076.000	1876.	-2.08	-0.80	1.26
2078.000	1878.	-2.08	-0.81	1.27
2127.000	1927.	-2.02	-0.78	1.26
2477.000	2277.	-1.99	-0.78	1.26
2526.000	2326.	-2.31	-0.97	1.31
2528.000	2328.	-2.44	-0.76	1.24
2532.000	2332.	-2.42	-0.74	1.24
2534.000	2334.	-2.28	-0.77	1.26
2583.000	2383.	-1.76	-0.58	1.18
2633.000	2433.	-1.75	-0.59	1.23
2682.000	2482.	-1.70	-0.56	1.17
2684.000	2484.	-1.68	-0.58	1.27
2725.000	2525.	-1.78	-0.66	1.17
2727.000	2527.	-1.83	-0.52	0.96
2826.000	2626.	-1.86	-0.53	0.98
3551.000	3351.	-1.65	-0.46	0.87
3600.000	3400.	-1.64	-0.46	0.86
3602.000	3402.	-2.65	-0.49	0.88
3634.000	3434.	-2.42	-0.45	0.86
3636.000	3436.	0.02	-0.39	0.83
3685.000	3485.	0.01	-0.38	0.83
4480.000	4280.	-0.13	-0.34	0.79
4529.000	4329.	-0.04	-0.33	0.77
4567.000	4367.	-0.34	-0.25	0.77
4616.000	4416.	-0.36	-0.31	0.79
5486.000	5286.	-0.53	-0.28	0.71
5535.000	5335.	-0.49	-0.26	0.68
5570.000	5370.	-0.49	-0.26	0.68
5619.000	5419.	-0.60	-0.28	0.71
6944.000	6744.	-0.59	-0.23	0.57
6993.000	6793.	-0.65	-0.20	0.50
7107.000	6907.	-0.51	-0.11	0.20

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7156.000	6956.	-0.62	-0.15	0.34
8835.000	8635.	-0.77	-0.22	0.50
8884.000	8684.	-0.80	-0.22	0.52
8886.000	8686.	-0.84	-0.22	0.52
8916.000	8716.	-0.71	-0.21	0.50
8918.000	8718.	-0.71	-0.21	0.50
8967.000	8767.	-0.69	-0.20	0.49
9535.000	9335.	-0.72	-0.21	0.52
9584.000	9384.	-0.77	-0.24	0.62
9616.000	9416.	-0.52	-0.21	0.62
9665.000	9465.	-0.52	-0.20	0.58
10320.000	10120.	-0.73	-0.24	0.61
10369.000	10169.	-0.71	-0.23	0.56
10431.000	10231.	-0.43	-0.11	0.20
10480.000	10280.	-0.54	-0.16	0.38
11370.000	11170.	-0.75	-0.23	0.54
11419.000	11219.	-0.81	-0.25	0.59
11480.000	11280.	-1.31	-0.16	0.26
11510.000	11310.	-1.37	-0.19	0.36
11510.000	11310.	-1.37	-0.19	0.36
11559.000	11359.	-1.35	-0.18	0.33
11622.000	11422.	-1.90	-0.39	0.99
11671.000	11471.	-1.98	-0.42	1.03
12346.000	12146.	-1.74	-0.39	0.99
12395.000	12195.	-1.72	-0.39	0.98
12397.000	12197.	-1.70	-0.39	0.98
12403.000	12203.	-1.70	-0.39	0.98
12405.000	12205.	-1.71	-0.39	0.98
12454.000	12254.	-1.70	-0.39	0.98
14585.000	14385.	-0.79	-0.27	0.76
14634.000	14434.	-0.97	-0.34	0.93
14672.000	14472.	-0.70	-0.34	0.93
14721.000	14521.	-0.72	-0.36	1.00
17010.000	16810.	-1.23	-0.36	0.71
17059.000	16859.	-1.23	-0.36	0.72
17239.000	17039.	-0.40	-0.13	0.58
17288.000	17088.	-0.42	-0.14	0.57
18250.000	18050.	-0.60	-0.19	0.60
18299.000	18099.	-0.60	-0.19	0.59
18301.000	18101.	-0.61	-0.20	0.60
18307.000	18107.	-0.61	-0.20	0.60
18309.000	18109.	-0.60	-0.20	0.60
18358.000	18158.	-0.61	-0.20	0.60
18630.000	18430.	-0.60	-0.19	0.57
18679.000	18479.	-0.60	-0.20	0.63
18681.000	18481.	-0.59	-0.20	0.73
18717.000	18517.	-0.75	-0.32	0.61
18719.000	18519.	-0.73	-0.26	0.56
18768.000	18568.	-0.76	-0.26	0.56
19845.000	19645.	-0.88	-0.26	0.57
19894.000	19694.	-0.84	-0.25	0.56
20007.000	19807.	-1.44	-0.15	0.32
20056.000	19856.	-0.42	-0.17	0.38
21606.000	21406.	-0.58	-0.20	0.47

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21655.000	21455.	-0.59	-0.20	0.47
21657.000	21457.	-0.59	-0.20	0.47
21680.000	21480.	-0.59	-0.20	0.47
21682.000	21482.	-0.59	-0.20	0.48
21731.000	21531.	-0.59	-0.20	0.48
23500.000	23300.	-0.63	-0.20	0.49
WEIGHTED AVG FOR REACH		-0.90	-0.30	0.70

FHF FOR THE REACH = 010 WITH 80.2 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

PRINTED IN U.S.A.

THIS RUN EXECUTED 13 AUG 84 15:30:16

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF TAYLOR FLOOD INSURANCE STUDY
T2 SUTLIFF AND KENOPE DRAIN
T3 100-YEAR FREQUENCY FLOOD

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	608.750	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.040	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	2.000	610.000	610.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	10.000	14.000	500.000	555.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	617.000	0.000	616.000	100.000	615.500	200.000	613.800	300.000	613.000	400.000
GR	612.500	500.000	603.000	517.000	599.500	523.000	599.600	536.000	612.500	555.000
GR	614.500	600.000	616.000	700.000	617.500	800.000	618.500	900.000	0.000	0.000
X1	550.000	16.000	500.000	578.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	617.000	0.000	615.000	100.000	618.000	200.000	617.000	300.000	615.300	400.000
GR	613.900	500.000	605.500	520.000	604.200	529.000	603.400	535.000	604.500	542.000
GR	605.700	555.000	614.300	578.000	616.000	600.000	619.000	700.000	618.000	800.000
GR	618.000	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1150.000	16.000	500.000	576.000	600.000	600.000	600.000	0.000	0.000	0.000
GR	620.900	0.000	620.500	100.000	619.500	200.000	619.600	300.000	618.600	400.000
GR	614.300	500.000	606.100	518.000	605.000	531.000	604.200	537.000	605.100	543.000
GR	606.400	556.000	614.800	576.000	618.300	700.000	620.000	800.000	621.000	900.000
GR	622.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2150.000	17.000	500.000	578.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	617.500	0.000	618.000	100.000	621.500	200.000	620.900	300.000	620.400	400.000
GR	615.500	500.000	607.600	518.000	606.600	531.000	605.900	538.000	606.700	545.000
GR	607.600	558.000	615.400	578.000	614.700	628.000	615.000	700.000	616.600	800.000
GR	617.200	900.000	617.600	1000.000	0.000	0.000	0.000	0.000	0.000	0.000

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X1	3150.000	17.000	500.000	567.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	620.600	0.000	620.400	100.000	618.300	200.000	615.700	300.000	615.000	400.000
GR	614.600	500.000	608.900	515.000	608.400	526.000	607.000	534.000	608.700	542.000
GR	608.900	550.000	614.800	567.000	614.700	600.000	615.600	700.000	616.400	800.000
GR	616.500	900.000	616.800	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4000.000	15.000	500.000	572.000	850.000	850.000	850.000	0.000	0.000	0.000
GR	624.600	0.000	624.400	100.000	624.200	200.000	622.000	300.000	620.000	400.000
GR	618.800	500.000	610.100	520.000	610.100	530.000	609.000	536.000	610.500	542.000
GR	618.100	572.000	620.400	700.000	620.600	800.000	621.200	900.000	620.500	1000.000
NC	0.070	0.070	0.015	0.500	0.800	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	405.500	426.300	0.000	0.000	0.000	0.000	0.000
X1	4049.000	18.000	400.000	432.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	625.000	0.000	624.500	100.000	624.000	200.000	622.600	300.000	618.900	400.000
GR	610.400	410.000	609.100	412.000	608.700	414.000	608.500	416.000	608.700	418.000
GR	609.100	420.000	610.500	422.000	619.200	432.000	622.000	482.000	622.600	500.000
GR	622.600	600.000	621.000	700.000	621.600	800.000	0.000	0.000	0.000	0.000
SB	0.000	1.830	2.630	0.000	12.000	0.000	78.000	0.000	608.500	608.500
ET	0.000	0.000	4.110	405.200	426.600	0.000	0.000	0.000	0.000	0.000
X1	4202.000	0.000	0.000	0.000	153.000	153.000	153.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	616.400	622.300	0.000	0.000	0.000	0.000	0.000
BT	7.000	410.000	622.600	610.400	412.000	622.500	615.300	414.000	622.500	616.200
BT	416.000	622.500	616.500	418.000	622.400	616.200	420.000	622.400	615.300	422.000
BT	622.300	610.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.030	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4251.000	15.000	500.000	572.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	624.600	0.000	624.400	100.000	624.200	200.000	622.000	300.000	620.000	400.000
GR	618.800	500.000	610.100	520.000	610.100	530.000	609.000	536.000	610.500	542.000
GR	618.100	572.000	620.400	700.000	620.600	800.000	621.200	900.000	620.500	1000.000
X1	4800.000	0.000	0.000	0.000	549.000	549.000	549.000	0.000	2.900	0.000
X1	5900.000	14.000	400.000	440.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
GR	622.000	0.000	621.500	100.000	621.000	200.000	620.500	300.000	619.800	400.000
GR	615.100	418.000	614.700	420.000	615.100	422.000	620.500	440.000	622.000	500.000
GR	622.000	600.000	620.900	700.000	620.900	800.000	621.900	900.000	0.000	0.000
X1	7350.000	14.000	400.000	421.000	1450.000	1450.000	1450.000	0.000	0.000	0.000
GR	624.500	0.000	624.000	100.000	623.500	200.000	623.200	300.000	623.100	400.000
GR	621.600	406.000	620.800	412.000	621.500	418.000	623.200	421.000	623.500	500.000
GR	624.000	600.000	624.500	700.000	624.800	800.000	625.000	900.000	0.000	0.000
NC	0.070	0.070	0.024	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	250.000	645.000	0.000	0.000	0.000	0.000	0.000
X1	7399.000	19.000	500.000	521.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	624.500	0.000	624.500	100.000	624.000	200.000	623.200	300.000	622.600	400.000
GR	623.500	500.000	621.300	505.000	620.700	508.500	620.600	509.000	620.500	510.000
GR	620.600	511.000	620.700	511.500	621.400	515.000	623.700	521.000	623.700	600.000
GR	624.000	700.000	624.500	800.000	624.800	900.000	625.000	1000.000	0.000	0.000

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SB	0.000	1.560	2.630	0.000	3.000	0.000	2.800	0.000	620.500	620.500
ET	0.000	0.000	4.110	240.000	650.000	0.000	0.000	0.000	0.000	0.000
X1	7415.000	0.000	0.000	0.000	16.000	16.000	16.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	621.800	623.500	0.000	0.000	0.000	0.000	0.000
BT	15.000	0.000	624.500	0.000	100.000	624.500	0.000	300.000	623.200	0.000
BT	400.000	622.600	0.000	500.000	623.500	0.000	508.500	623.500	620.700	509.000
BT	623.500	621.500	510.000	623.500	621.800	511.000	623.500	621.500	511.500	623.500
BT	620.700	521.000	623.700	0.000	600.000	623.700	0.000	700.000	624.000	0.000
BT	800.000	625.500	0.000	1000.000	625.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.024	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	7464.000	14.000	400.000	421.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	624.500	0.000	624.000	100.000	623.500	200.000	623.200	300.000	623.100	400.000
GR	621.600	406.000	620.800	412.000	621.500	418.000	623.200	421.000	623.500	500.000
GR	624.000	600.000	624.500	700.000	624.800	800.000	625.000	900.000	0.000	0.000
X1	8564.000	15.000	500.000	538.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
GR	626.400	0.000	626.000	100.000	626.000	200.000	624.700	300.000	624.100	400.000
GR	624.700	500.000	623.100	505.000	622.200	519.000	621.800	525.000	622.300	531.000
GR	624.800	538.000	624.700	600.000	625.400	700.000	626.000	800.000	626.400	900.000
NC	0.070	0.070	0.030	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	280.000	640.000	0.000	0.000	0.000	0.000	0.000
X1	8613.000	19.000	500.000	528.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	626.500	0.000	625.800	100.000	625.000	200.000	625.000	300.000	624.600	400.000
GR	625.200	500.000	622.300	507.000	621.500	513.500	621.400	514.000	621.300	515.000
GR	621.400	516.000	621.500	516.500	622.100	521.000	624.900	528.000	625.000	600.000
GR	625.400	700.000	626.000	800.000	626.000	900.000	625.900	1000.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	3.000	0.000	4.000	0.000	621.300	621.300
ET	0.000	0.000	4.110	275.000	650.000	0.000	0.000	0.000	0.000	0.000
X1	8630.000	0.000	0.000	0.000	17.000	17.000	17.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	623.000	625.100	0.000	0.000	0.000	0.000	0.000
BT	14.000	0.000	626.500	0.000	100.000	625.800	0.000	200.000	625.000	0.000
BT	400.000	624.600	0.000	500.000	625.200	0.000	513.500	625.100	621.500	514.000
BT	625.100	622.600	515.000	625.100	623.000	516.000	625.100	622.600	516.500	625.100
BT	621.500	528.000	624.900	0.000	600.000	625.000	0.000	800.000	626.000	0.000
BT	1000.000	625.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.030	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	8679.000	15.000	500.000	538.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	626.400	0.000	626.000	100.000	626.000	200.000	624.700	300.000	624.100	400.000
GR	624.700	500.000	623.100	505.000	622.200	519.000	621.800	525.000	622.300	531.000
GR	624.800	538.000	624.700	600.000	625.400	700.000	626.000	800.000	626.400	900.000
X1	9239.000	15.000	500.000	518.000	560.000	560.000	560.000	0.000	0.000	0.000
GR	626.400	0.000	626.000	100.000	625.000	200.000	625.000	300.000	625.000	400.000
GR	624.600	500.000	623.400	505.000	622.700	509.000	622.900	513.000	624.800	518.000
GR	625.400	600.000	625.500	700.000	626.200	800.000	627.500	900.000	627.700	1000.000

NC	0.070	0.070	0.024	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	155.000	680.000	0.000	0.000	0.000	0.000	0.000
X1	9288.000	21.000	500.000	521.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	626.400	0.000	625.900	100.000	625.000	200.000	625.000	300.000	625.000	400.000
GR	625.400	500.000	623.200	505.000	623.000	511.000	622.600	511.200	622.600	511.600
GR	622.500	512.000	622.600	512.400	622.600	512.800	623.000	513.000	623.000	516.000
GR	625.100	521.000	625.800	600.000	625.900	700.000	626.200	800.000	627.600	900.000
GR	627.600	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.630	0.000	2.000	0.000	2.800	0.000	622.500	622.500
ET	0.000	0.000	4.110	150.000	685.000	0.000	0.000	0.000	0.000	0.000
X1	9300.000	0.000	0.000	0.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	624.100	625.300	0.000	0.000	0.000	0.000	0.000
BT	17.000	0.000	626.400	0.000	100.000	625.900	0.000	200.000	625.000	0.000
BT	400.000	625.000	0.000	500.000	625.400	0.000	511.000	625.300	623.000	511.200
BT	625.300	623.800	511.600	625.300	624.000	512.000	625.300	624.100	512.400	625.300
BT	624.000	512.800	625.300	623.800	513.000	625.200	623.000	521.000	625.100	0.000
BT	600.000	625.800	0.000	800.000	626.200	0.000	900.000	627.600	0.000	1000.000
BT	627.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.024	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	9349.000	15.000	500.000	518.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	626.400	0.000	626.000	100.000	625.000	200.000	625.000	300.000	625.000	400.000
GR	624.600	500.000	623.400	505.000	622.700	509.000	622.900	513.000	624.800	518.000
GR	625.400	600.000	625.500	700.000	626.200	800.000	627.500	900.000	627.700	1000.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 10.000

10.00	9.25	608.75	0.00	608.75	608.84	0.09	0.00	0.00	612.50
610.	0.	610.	0.	0.	256.	0.	0.	0.	612.50
0.00	0.00	2.38	0.00	0.070	0.040	0.070	0.000	599.50	506.71
0.000443	0.	0.	0.	0	0	0	0.00	42.77	549.48

Plans not provided
Shear enters 10' RCCP
Capacity chart show H=9.0'
above invert

*SECNO 550.000

550.00	5.70	609.10	0.00	0.00	609.26	0.16	0.40	0.02	613.90
610.	0.	610.	0.	0.	189.	0.	3.	1.	614.30
0.05	0.00	3.23	0.00	0.070	0.040	0.070	0.000	603.40	511.43
0.001430	550.	550.	550.	2	0	0	0.00	52.67	564.09

*SECNO 1150.000

1150.00	5.70	609.90	0.00	0.00	610.04	0.14	0.77	0.00	614.30
610.	0.	610.	0.	0.	204.	0.	6.	1.	614.80
0.10	0.00	2.99	0.00	0.070	0.040	0.070	0.000	604.20	509.66
0.001165	600.	600.	600.	2	0	0	0.00	54.66	564.33

*SECNO 2150.000

2150.00	5.22	611.12	0.00	0.00	611.26	0.14	1.22	0.00	615.50
610.	0.	610.	0.	0.	201.	0.	10.	3.	615.40
0.19	0.00	3.03	0.00	0.070	0.040	0.070	0.000	605.90	509.99
0.001279	1000.	1000.	1000.	2	0	0	0.00	57.03	567.01

*SECNO 3150.000

3150.00	5.53	612.53	0.00	0.00	612.70	0.17	1.44	0.01	614.60
610.	0.	610.	0.	0.	185.	0.	15.	4.	614.80
0.28	0.00	3.30	0.00	0.070	0.040	0.070	0.000	607.00	505.44
0.001622	1000.	1000.	1000.	2	0	0	0.00	55.03	560.47

*SECNO 4000.000

4000.00	5.27	614.27	0.00	0.00	614.55	0.27	1.81	0.03	618.80
610.	0.	610.	0.	0.	145.	0.	18.	5.	618.10
0.34	0.00	4.20	0.00	0.070	0.040	0.070	0.000	609.00	510.41
0.002930	850.	850.	850.	2	0	0	0.00	46.47	556.88

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.500 CEHV= 0.800
*SECNO 4049.000

3301 HV CHANGED MORE THAN HVINS

4049.00	5.73	614.23	0.00	0.00	615.17	0.94	0.09	0.53	618.90
610.	0.	610.	0.	0.	78.	0.	18.	5.	619.20
0.34	0.00	7.79	0.00	0.070	0.015	0.070	0.000	608.50	405.49
0.001314	49.	49.	49.	2	0	0	0.00	20.80	426.29

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.83	2.63	0.00	12.00	0.00	78.00	0.00	608.50	608.50

*SECNO 4202.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 615.174 ELLC= 616.400 PCWSE= 614.232 ELTRD= 622.300

3370 NORMAL BRIDGE,NRD= 7 MIN ELTRD= 622.30 MAX ELLC= 616.40

4202.00	5.98	614.48	0.00	0.00	615.46	0.98	0.25	0.03	618.90
610.	0.	610.	0.	0.	77.	0.	18.	5.	619.20
0.34	0.00	7.94	0.00	0.070	0.015	0.070	0.000	608.50	405.20
0.002165	153.	153.	153.	2	0	0	-6.70	21.37	426.57

CCHV= 0.100 CEHV= 0.300
*SECNO 4251.000

3301 HV CHANGED MORE THAN HVINS

4251.00	6.46	615.46	0.00	0.00	615.59	0.14	0.05	0.08	618.80
610.	0.	610.	0.	0.	205.	0.	18.	5.	618.10
0.35	0.00	2.98	0.00	0.070	0.030	0.070	0.000	609.00	507.69
0.000641	49.	49.	49.	3	0	0	0.00	53.87	561.56

*SECNO 4800.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3301 HV CHANGED MORE THAN HVINS									
4800.00	3.96	615.86	0.00	0.00	616.58	0.72	0.81	0.17	621.70
610.	0.	610.	0.	0.	90.	0.	20.	6.	621.00
0.37	0.00	6.80	0.00	0.070	0.030	0.070	0.000	611.90	513.43
0.006317	549.	549.	549.	3	0	0	0.00	38.28	551.71
*SECNO 5900.000									
5900.00	5.64	620.34	0.00	0.00	620.73	0.39	4.12	0.03	619.80
610.	9.	601.	0.	21.	119.	0.	23.	8.	620.50
0.43	0.44	5.03	0.00	0.070	0.030	0.070	0.000	614.70	323.26
0.002473	1100.	1100.	1100.	3	0	0	0.00	116.20	439.46
*SECNO 7350.000									
7350.00	3.45	624.25	0.00	0.00	624.39	0.14	3.64	0.02	623.10
610.	254.	249.	108.	258.	54.	129.	33.	20.	623.20
0.60	0.98	4.59	0.84	0.070	0.030	0.070	0.000	620.80	48.92
0.002547	1450.	1450.	1450.	5	0	0	0.00	602.17	651.08
CCHV= 0.300 CEHV= 0.500									
*SECNO 7399.000									
7399.00	3.88	624.38	0.00	0.00	624.49	0.10	0.09	0.01	623.50
610.	320.	229.	61.	373.	56.	121.	33.	20.	623.70
0.60	0.86	4.10	0.51	0.070	0.024	0.070	0.000	620.50	124.36
0.001274	49.	49.	49.	1	0	0	0.00	651.28	775.64
SPECIAL BRIDGE									
SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	3.00	0.00	2.80	0.00	620.50	620.50
*SECNO 7415.000									
6870 D.S. ENERGY OF 624.49 HIGHER THAN COMPUTED ENERGY OF 624.44									
PRESSURE AND WEIR FLOW									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1774.08	624.49	0.00	606.	4.	3.	4.	621.80	623.50

7415.00	3.89	624.39	0.00	0.00	624.49	0.10	0.00	0.00	623.50
610.	321.	227.	62.	376.	56.	123.	34.	20.	623.70
0.61	0.85	4.06	0.50	0.070	0.024	0.070	0.000	620.50	122.48
0.001244	16.	16.	16.	2	0	10	0.00	655.05	777.52

CCHV= 0.100 CEHV= 0.300
*SECNO 7464.000

7464.00	3.64	624.44	0.00	0.00	624.55	0.12	0.06	0.00	623.10
610.	249.	245.	115.	328.	58.	175.	34.	21.	623.20
0.61	0.76	4.23	0.66	0.070	0.024	0.070	0.000	620.80	11.27
0.001256	49.	49.	49.	1	0	0	0.00	677.45	688.73

*SECNO 8564.000

8564.00	3.78	625.58	0.00	0.00	625.71	0.13	1.15	0.00	624.70
610.	177.	383.	51.	265.	106.	107.	47.	36.	624.80
0.73	0.67	3.60	0.47	0.070	0.024	0.070	0.000	621.80	232.47
0.000883	1100.	1100.	1100.	2	0	0	0.00	497.18	729.65

CCHV= 0.300 CEHV= 0.500
*SECNO 8613.000

8613.00	4.31	625.61	0.00	0.00	625.81	0.20	0.06	0.04	625.20
610.	178.	374.	58.	235.	82.	92.	48.	37.	624.90
0.74	0.76	4.58	0.64	0.070	0.030	0.070	0.000	621.30	124.14
0.002172	49.	49.	49.	2	0	0	0.00	610.34	734.48

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	4.00	0.00	621.30	621.30

*SECNO 8630.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

6870 D.S. ENERGY OF 625.81 HIGHER THAN COMPUTED ENERGY OF 625.69
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1188.96	625.81	0.00	606.	7.	4.	5.	623.00	625.10

8630.00	4.31	625.61	0.00	0.00	625.81	0.20	0.00	0.00	625.20
610.	180.	371.	59.	238.	82.	93.	48.	37.	624.90
0.74	0.75	4.53	0.63	0.070	0.030	0.070	0.000	621.30	123.01
0.002119	17.	17.	17.	2	0	10	0.00	612.97	735.98

CCHV= 0.100 CEHV= 0.300
*SECNO 8679.000

8679.00	4.02	625.82	0.00	0.00	625.88	0.06	0.06	0.01	624.70
610.	219.	313.	78.	331.	115.	157.	49.	38.	624.80
0.75	0.66	2.71	0.49	0.070	0.030	0.070	0.000	621.80	214.05
0.000701	49.	49.	49.	2	0	0	0.00	555.52	769.56

*SECNO 9239.000

9239.00	3.58	626.28	0.00	0.00	626.31	0.03	0.43	0.00	624.60
610.	344.	141.	125.	488.	50.	221.	57.	46.	624.80
0.88	0.70	2.80	0.57	0.070	0.030	0.070	0.000	622.70	32.00
0.000848	560.	560.	560.	2	0	0	0.00	773.54	805.54

CCHV= 0.300 CEHV= 0.500
*SECNO 9288.000

9288.00	3.80	626.30	0.00	0.00	626.38	0.07	0.04	0.02	625.40
610.	337.	208.	65.	475.	58.	140.	58.	47.	625.10
0.89	0.71	3.59	0.46	0.070	0.024	0.070	0.000	622.50	18.14
0.000948	49.	49.	49.	1	0	0	0.00	789.67	807.81

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	2.00	0.00	2.80	0.00	622.50	622.50

*SECNO 9300.000
6870 D.S. ENERGY OF 626.38 HIGHER THAN COMPUTED ENERGY OF 626.35
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1776.00	626.38	0.00	606.	4.	3.	3.	624.10	625.30

9300.00	3.80	626.30	0.00	0.00	626.38	0.07	0.00	0.00	625.40
610.	337.	209.	64.	471.	58.	138.	58.	47.	625.10
0.89	0.71	3.62	0.46	0.070	0.024	0.070	0.000	622.50	19.79
0.000970	12.	12.	12.	2	0	12	0.00	787.42	807.22

CCHV= 0.100 CEHV= 0.300
*SECNO 9349.000

9349.00	3.68	626.38	C.00	0.00	626.42	0.04	0.04	0.00	624.60
610.	329.	155.	126.	538.	52.	251.	59.	48.	624.80
0.90	0.61	2.98	0.50	C.070	0.024	0.070	0.000	622.70	5.98
0.000585	49.	49.	49.	2	0	0	0.00	807.56	813.54

PRINTED IN U.S.A.

THIS RUN EXECUTED 13 AUG 84 15:30:33

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF TAYLOR FLOOD INSURANCE STUDY
T2 SUTLIFF AND KENOPE DRAIN
T3 100-YEAR FREQUENCY FLOOD WITH ENCROACHMENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	608.750	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN      SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID     ENDST

*PROF 2

CCHV=   0.100 CEHV=   0.300
*SECNO 10.000
 2800 NAT Q1=    289.93  WSEL=    608.75  ENC Q1=    296.51  WSEL=    608.85  RATIO= -0.0227
 NAT Q1=    297.  RATIOS LOB/CH/ROB=  0.0000  1.0000  0.0000  WSEL=    608.85

3470 ENCROACHMENT STATIONS=     500.0     555.0  TYPE=     4  TARGET=       0.000
    10.00      9.25   608.75      0.00   608.75   608.84      0.09      0.00      0.00   612.50
     610.        0.     610.        0.      0.      256.        0.        0.        0.    612.50
     0.00      0.00     2.38      0.00    C.070    0.040     0.070     0.000   599.50   506.71
 0.000443        0.       0.        0.       0        0         0      0.00    42.77   549.48


*SECNO 550.000
 2800 NAT Q1=    161.31  WSEL=    609.10  ENC Q1=    167.78  WSEL=    609.20  RATIO= -0.0401
 NAT Q1=    168.  RATIOS LOB/CH/ROB=  0.0000  1.0000  0.0000  WSEL=    609.20

3470 ENCROACHMENT STATIONS=     500.0     578.0  TYPE=     4  TARGET=       0.000
   550.00      5.70   609.10      0.00   609.10   609.26      0.16      0.40      0.02   613.90
     610.        0.     610.        0.      0.      189.        0.        3.        1.    614.30
     0.05      0.00     3.23      0.00    0.070    0.040     0.070     0.000   603.40   511.43
 0.001430      550.     550.      550.       2        0         0      0.00    52.67   564.09


*SECNO 1150.000
 2800 NAT Q1=    178.69  WSEL=    609.90  ENC Q1=    185.73  WSEL=    610.00  RATIO= -0.0394
 NAT Q1=    186.  RATIOS LOB/CH/ROB=  0.0000  1.0000  0.0000  WSEL=    610.00

3470 ENCROACHMENT STATIONS=     500.0     576.0  TYPE=     4  TARGET=       0.000
  1150.00      5.70   609.90      0.00   609.90   610.04      0.14      0.77      0.00   614.30
     610.        0.     610.        0.      0.      204.        0.        6.        1.    614.80
     0.10      0.00     2.99      0.00    C.070    0.040     0.070     0.000   604.20   509.66
 0.001165      600.     600.      600.       2        0         0      0.00    54.67   564.33


*SECNO 2150.000
 2800 NAT Q1=    170.54  WSEL=    611.12  ENC Q1=    177.68  WSEL=    611.22  RATIO= -0.0419
 NAT Q1=    178.  RATIOS LOB/CH/ROB=  0.0000  1.0000  0.0000  WSEL=    611.22

3470 ENCROACHMENT STATIONS=     500.0     578.0  TYPE=     4  TARGET=       0.000
  2150.00      5.22   611.12      0.00   611.12   611.26      0.14      1.22      0.00   615.50
     610.        0.     610.        0.      0.      201.        0.       10.        3.    615.40
     0.19      0.00     3.03      0.00    C.070    0.040     0.070     0.000   605.90   509.99
 0.001279     1000.    1000.     1000.       2        0         0      0.00    57.03   567.01
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3150.000

2800 NAT Q1= 151.44 WSEL= 612.53 ENC Q1= 158.02 WSEL= 612.63 RATIO= -0.0434

NAT Q1= 158. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 612.63

3470 ENCROACHMENT STATIONS= 500.0 567.0 TYPE= 4 TARGET= 0.000

3150.00	5.53	612.53	0.00	612.53	612.70	0.17	1.44	0.01	614.60
610.	0.	610.	0.	0.	185.	0.	15.	4.	614.80
0.28	0.00	3.30	0.00	0.070	0.040	0.070	0.000	607.00	505.44
0.001622	1000.	1000.	1000.	2	0	0	0.00	55.03	560.47

*SECNO 4000.000

2800 NAT Q1= 112.70 WSEL= 614.27 ENC Q1= 117.87 WSEL= 614.37 RATIO= -0.0459

NAT Q1= 118. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 614.37

3470 ENCROACHMENT STATIONS= 500.0 572.0 TYPE= 4 TARGET= 0.000

4000.00	5.27	614.27	0.00	614.27	614.55	0.27	1.81	0.03	618.80
610.	0.	610.	0.	0.	145.	0.	18.	5.	618.10
0.34	0.00	4.20	0.00	0.070	0.040	0.070	0.000	609.00	510.41
0.002927	850.	850.	850.	2	0	0	0.00	46.48	556.89

CCHV= 0.500 CEHV= 0.800

*SECNO 4049.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 405.5 426.3 TYPE= 1 TARGET= 20.800

4049.00	5.73	614.23	0.00	614.23	615.17	0.94	0.09	0.53	100000.00
610.	0.	610.	0.	0.	78.	0.	18.	5.	100000.00
0.34	0.00	7.79	0.00	0.070	0.015	0.070	0.000	608.50	405.50
0.001315	49.	49.	49.	2	0	0	0.00	20.79	426.29

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.83	2.63	0.00	12.00	0.00	78.00	0.00	608.50	608.50

*SECNO 4202.000

3700. BRIDGE STENCL= 405.20 STENCR= 426.60

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 615.173 ELLC= 616.400 PCWSE= 614.231 ELTRD= 622.300

3370 NORMAL BRIDGE,NRD= 7 MIN ELTRD= 622.30 MAX ELLC= 616.40

3470 ENCROACHMENT STATIONS= 405.2 426.6 TYPE= 1 TARGET= 21.400

4202.00	5.98	614.48	0.00	614.48	615.46	0.98	0.25	0.03100000.00	
610.	0.	610.	0.	0.	77.	0.	18.	5.	100000.00
0.34	0.00	7.94	0.00	0.070	0.015	0.070	0.000	608.50	405.20
0.002166	153.	153.	153.	2	0	0	-6.69	21.37	426.57

CCHV= 0.100 CEHV= 0.300

*SECNO 4251.000

2800 NAT Q1= 240.86 WSEL= 615.46 ENC Q1= 249.64 WSEL= 615.56 RATIO= -0.0365

NAT Q1= 250. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 615.56

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 500.0 572.0 TYPE= 4 TARGET= 0.000

4251.00	6.46	615.46	0.00	615.46	615.59	0.14	0.05	0.08	618.80
610.	0.	610.	0.	0.	205.	0.	18.	5.	618.10
0.35	0.00	2.98	0.00	0.070	0.030	0.070	0.000	609.00	507.69
0.000642	49.	49.	49.	3	0	0	0.00	53.87	561.56

*SECNO 4800.000

2800 NAT Q1= 76.75 WSEL= 615.86 ENC Q1= 81.41 WSEL= 615.96 RATIO= -0.0607

NAT Q1= 81. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 615.96

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 500.0 572.0 TYPE= 4 TARGET= 0.000

4800.00	3.96	615.86	0.00	615.86	616.57	0.71	0.81	0.17	621.70
610.	0.	610.	0.	0.	90.	0.	20.	6.	621.00
0.37	0.00	6.78	0.00	0.070	0.030	0.070	0.000	611.90	513.41
0.006259	549.	549.	549.	3	0	0	0.00	38.33	551.74

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 5900.000
2800 NAT Q1= 122.67 WSEL= 620.34 ENC Q1= 127.11 WSEL= 620.44 RATIO= -0.0362
NAT Q1= 130. RATIOS LOB,CH,ROB= 0.0224 0.9776 0.0000 WSEL= 620.44

3470 ENCROACHMENT STATIONS= 400.0 440.0 TYPE= 4 TARGET= 0.022

5900.00	5.66	620.36	0.00	620.34	620.76	0.40	4.15	0.03	619.80
610.	0.	610.	0.	0.	121.	0.	23.	7.	620.50
0.43	0.00	5.06	0.00	0.070	0.030	0.070	0.000	614.70	400.00
0.002521	1100.	1100.	1100.	2	0	0	0.00	39.56	439.56

*SECNO 7350.000
2800 NAT Q1= 120.86 WSEL= 624.25 ENC Q1= 120.86 WSEL= 624.35 RATIO= 0.0000
NAT Q1= 139. RATIOS LOB,CH,ROB= 0.4313 0.3767 0.1920 WSEL= 624.35

3470 ENCROACHMENT STATIONS= 194.2 505.8 TYPE= 4 TARGET= 0.130

7350.00	3.54	624.34	0.00	624.25	624.50	0.16	3.72	0.02	623.10
610.	256.	266.	88.	223.	56.	83.	31.	12.	623.20
0.58	1.15	4.76	1.07	0.070	0.030	0.070	0.000	620.80	194.18
0.002616	1450.	1450.	1450.	5	0	0	0.00	311.64	505.82

CCHV= 0.300 CEHV= 0.500
*SECNO 7399.000

3470 ENCROACHMENT STATIONS= 250.0 645.0 TYPE= 1 TARGET= 395.000

7399.00	4.01	624.51	0.00	624.38	624.60	0.09	0.08	0.02	623.50
610.	325.	228.	57.	362.	58.	97.	31.	13.	623.70
0.59	0.90	3.89	0.59	0.070	0.024	0.070	0.000	620.50	250.00
0.001077	49.	49.	49.	2	0	0	0.00	395.00	645.00

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.56	2.63	0.00	3.00	0.00	2.80	0.00	620.50	620.50

*SECNO 7415.000
3700. BRIDGE STENCL= 240.00 STENCR= 650.00
6870 D.S. ENERGY OF 624.60 HIGHER THAN COMPUTED ENERGY OF 624.57
PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1774.20	624.60	0.00	609.	5.	3.	4.	621.80	623.50

3470 ENCROACHMENT STATIONS= 240.0 650.0 TYPE= 1 TARGET= 410.000

7415.00	4.01	624.51	0.00	624.39	624.60	0.09	0.00	0.00	623.50
610.	327.	224.	59.	372.	59.	101.	32.	13.	623.70
0.59	0.88	3.84	0.58	0.070	0.024	0.070	0.000	620.50	240.00
0.001043	16.	16.	16.	2	0	11	0.00	410.00	650.00

CCHV= 0.100 CEHV= 0.300
*SECNO 7464.000
2800 NAT Q1= 172.09 WSEL= 624.44 ENC Q1= 172.09 WSEL= 624.54 RATIO= 0.0000
NAT Q1= 194. RATIOS LOB,CH,ROB= 0.4212 0.3767 0.2021 WSEL= 624.54
3280 CROSS SECTION 7464.00 EXTENDED 0.04 FEET

3470 ENCROACHMENT STATIONS= 170.5 529.6 TYPE= 4 TARGET= 0.115

7464.00	3.74	624.54	0.00	624.44	624.67	0.13	0.06	0.01	623.10
610.	251.	259.	100.	267.	60.	123.	32.	13.	623.20
0.59	0.88	4.31	0.81	0.070	0.024	0.070	0.000	620.80	170.47
0.001250	49.	49.	49.	2	0	0	0.00	359.08	529.55

*SECNO 8564.000
2800 NAT Q1= 205.26 WSEL= 625.58 ENC Q1= 205.26 WSEL= 625.68 RATIO= 0.0000
NAT Q1= 227. RATIOS LOB,CH,ROB= 0.3028 0.6012 0.0960 WSEL= 625.68

3470 ENCROACHMENT STATIONS= 326.1 596.4 TYPE= 4 TARGET= 0.097

8564.00	3.88	625.68	0.00	625.58	625.82	0.14	1.15	0.00	624.70
610.	172.	406.	32.	228.	110.	54.	43.	21.	624.80
0.71	0.75	3.70	0.59	0.070	0.024	0.070	0.000	621.80	326.14
0.000888	1100.	1100.	1100.	1	0	0	0.00	270.22	596.37

CCHV= 0.300 CEHV= 0.500
*SECNO 8613.000

3470 ENCROACHMENT STATIONS= 280.0 640.0 TYPE= 1 TARGET= 360.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
8613.00	4.41	625.71	0.00	625.61	625.92	0.21	0.06	0.03	625.20
610.	161.	387.	62.	186.	85.	80.	43.	22.	624.90
0.71	0.87	4.57	0.77	0.070	0.030	0.070	0.000	621.30	280.00
0.002068	49.	49.	49.	2	0	0	0.00	360.00	640.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	3.00	0.00	4.00	0.00	621.30	621.30

*SECNO 8630.000
3700. BRIDGE STENCL= 275.00 STENCR= 650.00
6870 D.S. ENERGY OF 625.92 HIGHER THAN COMPUTED ENERGY OF 625.83
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1189.06	625.92	0.00	601.	9.	4.	5.	623.00	625.10

3470 ENCROACHMENT STATIONS= 275.0 650.0 TYPE= 1 TARGET= 375.000

8630.00	4.43	625.73	0.00	625.61	625.92	0.20	0.00	0.00	625.20
610.	165.	379.	66.	194.	85.	87.	44.	22.	624.90
0.71	0.85	4.46	0.75	0.070	0.030	0.070	0.000	621.30	275.00
0.001950	17.	17.	17.	2	0	11	0.00	375.00	650.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8679.000
2800 NAT Q1= 230.44 WSEL= 625.82 ENC Q1= 230.44 WSEL= 625.92 RATIO= 0.0000
NAT Q1= 254. RATIOS LOB,CH,ROB= 0.3688 0.4909 0.1404 WSEL= 625.92

3470 ENCROACHMENT STATIONS= 309.2 627.3 TYPE= 4 TARGET= 0.093

8679.00	4.12	625.92	0.00	625.82	625.99	0.07	0.05	0.01	624.70
610.	217.	330.	63.	293.	119.	103.	44.	22.	624.80
0.72	0.74	2.77	0.61	0.070	0.030	0.070	0.000	621.80	309.21
0.000697	49.	49.	49.	2	0	0	0.00	318.05	627.26

*SECNO 9239.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

2800 NAT Q1= 209.53 WSEL= 626.28 ENC Q1= 209.53 WSEL= 626.38 RATIO= 0.0000
NAT Q1= 240. RATIOS LOB,CH,ROB= 0.5676 0.2144 0.2180 WSEL= 626.38

3470 ENCROACHMENT STATIONS= 190.5 656.5 TYPE= 4 TARGET= 0.127

9239.00	3.68	626.38	0.00	626.28	626.42	0.04	0.43	0.00	624.60
610.	352.	150.	108.	447.	52.	159.	52.	27.	624.80
0.84	0.79	2.87	0.68	0.070	0.030	0.070	0.000	622.70	190.46
0.000845	560.	560.	560.	2	0	0	0.00	466.09	656.55

CCHV= 0.300 CEHV= 0.500
*SECNO 9288.000

3470 ENCROACHMENT STATIONS= 155.0 680.0 TYPE= 1 TARGET= 525.000

9288.00	3.91	626.41	0.00	626.30	626.47	0.07	0.04	0.01	625.40
610.	339.	207.	65.	458.	60.	122.	52.	28.	625.10
0.85	0.74	3.44	0.53	0.070	0.024	0.070	0.000	622.50	155.00
0.000829	49.	49.	49.	1	0	0	0.00	525.00	680.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.63	0.00	2.00	0.00	2.80	0.00	622.50	622.50

*SECNO 9300.000
3700. BRIDGE STENCL= 150.00 STENCR= 685.00
6870 D.S. ENERGY OF 626.47 HIGHER THAN COMPUTED ENERGY OF 626.46
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
1776.10	626.47	0.00	602.	4.	3.	3.	624.10	625.30

3470 ENCROACHMENT STATIONS= 150.0 685.0 TYPE= 1 TARGET= 535.000

9300.00	3.91	626.41	0.00	626.30	626.47	0.07	0.00	0.00	625.40
610.	339.	206.	65.	461.	60.	124.	53.	28.	625.10
0.85	0.74	3.43	0.52	0.070	0.024	0.070	0.000	622.50	150.00
0.000827	12.	12.	12.	2	0	11	0.00	535.00	685.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 9349.000
2800 NAT Q1= 252.23 WSEL= 626.38 ENC Q1= 252.23 WSEL= 626.48 RATIO= 0.0000
NAT Q1= 284. RATIOS LOB,CH,ROB= 0.5434 0.2394 0.2172 WSEL= 626.48
3280 CROSS SECTION 9349.00 EXTENDED 0.07 FEET

3470 ENCROACHMENT STATIONS= 179.9 672.1 TYPE= 4 TARGET= 0.112

9349.00	3.77	626.47	0.00	626.38	626.51	0.04	0.03	0.00	624.60
610.	334.	165.	110.	487.	54.	186.	53.	29.	624.80
0.86	0.69	3.07	0.59	0.070	0.024	0.070	0.000	622.70	179.94
0.000597	49.	49.	49.	2	0	0	0.00	492.20	672.14

PRINTED IN U.S.A.

THIS RUN EXECUTED 13 AUG 84 15:30:42

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

100-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10.000	608.75	0.00	608.84	42.77	0.00	610.00	0.00	0.00	0.00	500.00	555.00	0.00
10.000	608.75	0.00	608.84	42.77	0.00	610.00	0.00	0.00	500.00	500.00	555.00	555.00
550.000	609.10	0.00	609.26	52.67	0.00	610.00	0.00	0.00	0.00	500.00	578.00	0.00
550.000	609.10	0.00	609.26	52.67	0.00	610.00	0.00	0.00	500.00	500.00	578.00	578.00
1150.000	609.90	0.00	610.04	54.66	0.00	610.00	0.00	0.00	0.00	500.00	576.00	0.00
1150.000	609.90	0.00	610.04	54.67	0.00	610.00	0.00	0.00	500.00	500.00	576.00	576.00
2150.000	611.12	0.00	611.26	57.03	0.00	610.00	0.00	0.00	0.00	500.00	578.00	0.00
2150.000	611.12	0.00	611.26	57.03	0.00	610.00	0.00	0.00	500.00	500.00	578.00	578.00
3150.000	612.53	0.00	612.70	55.03	0.00	610.00	0.00	0.00	0.00	500.00	567.00	0.00
3150.000	612.53	0.00	612.70	55.03	0.00	610.00	0.00	0.00	500.00	500.00	567.00	567.00
4000.000	614.27	0.00	614.55	46.47	0.00	610.00	0.00	0.00	0.00	500.00	572.00	0.00
4000.000	614.27	0.00	614.55	46.48	0.00	610.00	0.00	0.00	500.00	500.00	572.00	572.00
4049.000	614.23	0.00	615.17	20.80	0.00	610.00	0.00	0.00	0.00	400.00	432.00	0.00
4049.000	614.23	0.00	615.17	20.79	0.00	610.00	0.00	20.80	405.50	400.00	432.00	426.30
4202.000	614.48	0.00	615.46	21.37	0.00	610.00	0.00	0.00	0.00	400.00	432.00	0.00
4202.000	614.48	0.00	615.46	21.37	0.00	610.00	0.00	21.40	405.20	400.00	432.00	426.60
4251.000	615.46	0.00	615.59	53.87	0.00	610.00	0.00	0.00	0.00	500.00	572.00	0.00
4251.000	615.46	0.00	615.59	53.87	0.00	610.00	0.00	0.00	500.00	500.00	572.00	572.00
4800.000	615.86	0.00	616.58	38.28	0.00	610.00	0.00	0.00	0.00	500.00	572.00	0.00
4800.000	615.86	0.00	616.57	38.33	0.00	610.00	0.00	0.00	500.00	500.00	572.00	572.00
5900.000	620.34	0.00	620.73	116.20	9.06	600.94	0.00	0.00	0.00	400.00	440.00	0.00
5900.000	620.36	0.02	620.76	39.56	0.00	610.00	0.00	0.02	400.00	400.00	440.00	440.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
7350.000	624.25	0.00	624.39	602.17	253.55	248.59	107.86	0.00	0.00	400.00	421.00	0.00
7350.000	624.34	0.09	624.50	311.64	255.82	265.72	88.46	0.13	194.18	400.00	421.00	505.82
7399.000	624.38	0.00	624.49	651.28	320.41	228.53	61.06	0.00	0.00	500.00	521.00	0.00
7399.000	624.51	0.12	624.60	395.00	325.12	227.51	57.36	395.00	250.00	500.00	521.00	645.00
7415.000	624.39	0.00	624.49	655.05	320.79	227.15	62.07	0.00	0.00	500.00	521.00	0.00
7415.000	624.51	0.12	624.60	410.00	326.83	224.46	58.71	410.00	240.00	500.00	521.00	650.00
7464.000	624.44	0.00	624.55	677.45	249.24	245.43	115.33	0.00	0.00	400.00	421.00	0.00
7464.000	624.54	0.10	624.67	359.08	250.90	259.27	99.83	0.11	170.47	400.00	421.00	529.55
8564.000	625.58	0.00	625.71	497.18	176.56	382.80	50.64	0.00	0.00	500.00	538.00	0.00
8564.000	625.68	0.10	625.82	270.22	171.59	406.46	31.95	0.10	326.14	500.00	538.00	596.37
8613.000	625.61	0.00	625.81	610.34	178.00	373.76	58.24	0.00	0.00	500.00	528.00	0.00
8613.000	625.71	0.10	625.92	360.00	161.44	386.70	61.86	360.00	280.00	500.00	528.00	640.00
8630.000	625.61	0.00	625.81	612.97	179.72	371.05	59.23	0.00	0.00	500.00	528.00	0.00
8630.000	625.73	0.11	625.92	375.00	164.92	379.14	65.93	375.00	275.00	500.00	528.00	650.00
8679.000	625.82	0.00	625.88	555.52	219.31	312.84	77.86	0.00	0.00	500.00	538.00	0.00
8679.000	625.92	0.10	625.99	318.05	217.00	329.73	63.27	0.09	309.21	500.00	538.00	627.26
9239.000	626.28	0.00	626.31	773.54	343.95	140.76	125.28	0.00	0.00	500.00	518.00	0.00
9239.000	626.38	0.10	626.42	466.09	352.13	149.72	108.15	0.13	190.46	500.00	518.00	656.55
9288.000	626.30	0.00	626.38	789.67	337.17	207.92	64.92	0.00	0.00	500.00	521.00	0.00
9288.000	626.41	0.10	626.47	525.00	338.84	206.64	64.52	525.00	155.00	500.00	521.00	680.00
9300.000	626.30	0.00	626.38	787.42	336.74	209.18	64.08	0.00	0.00	500.00	521.00	0.00
9300.000	626.41	0.11	626.47	535.00	339.34	205.83	64.84	535.00	150.00	500.00	521.00	685.00
9349.000	626.38	0.00	626.42	807.56	328.54	155.36	126.09	0.00	0.00	500.00	518.00	0.00
9349.000	626.47	0.09	626.51	492.20	334.42	165.13	110.45	0.11	179.94	500.00	518.00	672.14

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100-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
10.000	0.00	0.00	0.00	599.50	610.00	608.75	0.00	608.84	4.43	2.38	255.84	289.93
10.000	0.00	0.00	0.00	599.50	610.00	608.75	0.00	608.84	4.43	2.38	255.84	289.93
550.000	550.00	0.00	0.00	603.40	610.00	609.10	0.00	609.26	14.30	3.23	189.02	161.31
550.000	550.00	0.00	0.00	603.40	610.00	609.10	0.00	609.26	14.30	3.23	189.02	161.31
1150.000	600.00	0.00	0.00	604.20	610.00	609.90	0.00	610.04	11.65	2.99	204.11	178.69
1150.000	600.00	0.00	0.00	604.20	610.00	609.90	0.00	610.04	11.65	2.99	204.14	178.73
2150.000	1000.00	0.00	0.00	605.90	610.00	611.12	0.00	611.26	12.79	3.03	201.46	170.54
2150.000	1000.00	0.00	0.00	605.90	610.00	611.12	0.00	611.26	12.79	3.03	201.46	170.54
3150.000	1000.00	0.00	0.00	607.00	610.00	612.53	0.00	612.70	16.22	3.30	185.08	151.44
3150.000	1000.00	0.00	0.00	607.00	610.00	612.53	0.00	612.70	16.22	3.30	185.09	151.45
4000.000	850.00	0.00	0.00	609.00	610.00	614.27	0.00	614.55	29.30	4.20	145.21	112.70
4000.000	850.00	0.00	0.00	609.00	610.00	614.27	0.00	614.55	29.27	4.20	145.26	112.75
4049.000	49.00	0.00	0.00	608.50	610.00	614.23	0.00	615.17	13.14	7.79	78.33	168.29
4049.000	49.00	0.00	0.00	608.50	610.00	614.23	0.00	615.17	13.15	7.79	78.30	168.21
4202.000	153.00	622.30	616.40	608.50	610.00	614.48	0.00	615.46	21.65	7.94	76.85	131.11
4202.000	153.00	622.30	616.40	608.50	610.00	614.48	0.00	615.46	21.66	7.94	76.82	131.06
4251.000	49.00	0.00	0.00	609.00	610.00	615.46	0.00	615.59	6.41	2.98	204.67	240.86
4251.000	49.00	0.00	0.00	609.00	610.00	615.46	0.00	615.59	6.42	2.98	204.64	240.81
4800.000	549.00	0.00	0.00	611.90	610.00	615.86	0.00	616.58	63.17	6.80	89.66	76.75
4800.000	549.00	0.00	0.00	611.90	610.00	615.86	0.00	616.57	62.59	6.78	89.96	77.11
5900.000	1100.00	0.00	0.00	614.70	610.00	620.34	0.00	620.73	24.73	5.03	140.04	122.67
5900.000	1100.00	0.00	0.00	614.70	610.00	620.36	0.00	620.76	25.21	5.06	120.60	121.50
7350.000	1450.00	0.00	0.00	620.80	610.00	624.25	0.00	624.39	25.47	4.59	440.86	120.86
7350.000	1450.00	0.00	0.00	620.80	610.00	624.34	0.00	624.50	26.16	4.76	361.52	119.27
7399.000	49.00	0.00	0.00	620.50	610.00	624.38	0.00	624.49	12.74	4.10	549.18	170.90
7399.000	49.00	0.00	0.00	620.50	610.00	624.51	0.00	624.60	10.77	3.89	517.48	185.85
7415.000	16.00	623.50	621.80	620.50	610.00	624.39	0.00	624.49	12.44	4.06	555.34	172.96
7415.000	16.00	623.50	621.80	620.50	610.00	624.51	0.00	624.60	10.43	3.84	531.20	188.85
7464.000	49.00	0.00	0.00	620.80	610.00	624.44	0.00	624.55	12.56	4.23	561.27	172.09
7464.000	49.00	0.00	0.00	620.80	610.00	624.54	0.00	624.67	12.50	4.31	469.33	172.52
8564.000	1100.00	0.00	0.00	621.80	610.00	625.58	0.00	625.71	8.83	3.60	478.19	205.26
8564.000	1100.00	0.00	0.00	621.80	610.00	625.68	0.00	625.82	8.88	3.70	391.42	204.74

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
8613.000	49.00	0.00	0.00	621.30	610.00	625.61	0.00	625.81	21.72	4.58	408.28	130.89
8613.000	49.00	0.00	0.00	621.30	610.00	625.71	0.00	625.92	20.68	4.57	351.04	134.14
8630.000	17.00	625.10	623.00	621.30	610.00	625.61	0.00	625.81	21.19	4.53	413.80	132.53
8630.000	17.00	625.10	623.00	621.30	610.00	625.73	0.00	625.92	19.50	4.46	366.44	138.13
8679.000	49.00	0.00	0.00	621.80	610.00	625.82	0.00	625.88	7.01	2.71	604.24	230.44
8679.000	49.00	0.00	0.00	621.80	610.00	625.92	0.00	625.99	6.97	2.77	514.98	231.11
9239.000	560.00	0.00	0.00	622.70	610.00	626.28	0.00	626.31	8.48	2.80	758.99	209.53
9239.000	560.00	0.00	0.00	622.70	610.00	626.38	0.00	626.42	8.45	2.87	657.79	209.89
9288.000	49.00	0.00	0.00	622.50	610.00	626.30	0.00	626.38	9.48	3.59	673.57	198.09
9288.000	49.00	0.00	0.00	622.50	610.00	626.41	0.00	626.47	8.29	3.44	640.18	211.92
9300.000	12.00	625.30	624.10	622.50	610.00	626.30	0.00	626.38	9.70	3.62	667.03	195.91
9300.000	12.00	625.30	624.10	622.50	610.00	626.41	0.00	626.47	8.27	3.43	645.13	212.14
9349.000	49.00	0.00	0.00	622.70	610.00	626.38	0.00	626.42	5.85	2.98	841.27	252.23
9349.000	49.00	0.00	0.00	622.70	610.00	626.47	0.00	626.51	5.97	3.07	727.26	249.72

IN THE U.S.A.

100-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
10.000	610.00	608.75	0.00	0.00	0.00	42.77	0.00
10.000	610.00	608.75	0.00	0.00	0.00	42.77	0.00
550.000	610.00	609.10	0.00	0.35	0.00	52.67	550.00
550.000	610.00	609.10	0.00	0.35	0.00	52.67	550.00
1150.000	610.00	609.90	0.00	0.80	0.00	54.66	600.00
1150.000	610.00	609.90	0.00	0.80	0.00	54.67	600.00
2150.000	610.00	611.12	0.00	1.22	0.00	57.03	1000.00
2150.000	610.00	611.12	0.00	1.22	0.00	57.03	1000.00
3150.000	610.00	612.53	0.00	1.42	0.00	55.03	1000.00
3150.000	610.00	612.53	0.00	1.42	0.00	55.03	1000.00
4000.000	610.00	614.27	0.00	1.74	0.00	46.47	850.00
4000.000	610.00	614.27	0.00	1.74	0.00	46.48	850.00
4049.000	610.00	614.23	0.00	-0.04	0.00	20.80	49.00
4049.000	610.00	614.23	0.00	-0.04	0.00	20.79	49.00
4202.000	610.00	614.48	0.00	0.25	0.00	21.37	153.00
4202.000	610.00	614.48	0.00	0.25	0.00	21.37	153.00
4251.000	610.00	615.46	0.00	0.98	0.00	53.87	49.00
4251.000	610.00	615.46	0.00	0.98	0.00	53.87	49.00
4800.000	610.00	615.86	0.00	0.40	0.00	38.28	549.00
4800.000	610.00	615.86	0.00	0.41	0.00	38.33	549.00
5900.000	610.00	620.34	0.00	4.48	0.00	116.20	1100.00
5900.000	610.00	620.36	0.02	4.50	0.02	39.56	1100.00
7350.000	610.00	624.25	0.00	3.91	0.00	602.17	1450.00
7350.000	610.00	624.34	0.09	3.98	0.09	311.64	1450.00
7399.000	610.00	624.38	0.00	0.13	0.00	651.28	49.00
7399.000	610.00	624.51	0.12	0.17	0.12	395.00	49.00
7415.000	610.00	624.39	0.00	0.00	0.00	655.05	16.00
7415.000	610.00	624.51	0.12	0.00	0.12	410.00	16.00
7464.000	610.00	624.44	0.00	0.05	0.00	677.45	49.00
7464.000	610.00	624.54	0.10	0.03	0.10	359.08	49.00
8564.000	610.00	625.58	0.00	1.14	0.00	497.18	1100.00
8564.000	610.00	625.68	0.10	1.14	0.10	270.22	1100.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8613.000	610.00	625.61	0.00	0.03	0.00	610.34	49.00
8613.000	610.00	625.71	0.10	0.03	0.10	360.00	49.00
8630.000	610.00	625.61	0.00	0.01	0.00	612.97	17.00
8630.000	610.00	625.73	0.11	0.01	0.11	375.00	17.00
8679.000	610.00	625.82	0.00	0.20	0.00	555.52	49.00
8679.000	610.00	625.92	0.10	0.19	0.10	318.05	49.00
9239.000	610.00	626.28	0.00	0.46	0.00	773.54	560.00
9239.000	610.00	626.38	0.10	0.46	0.10	466.09	560.00
9288.000	610.00	626.30	0.00	0.02	0.00	789.67	49.00
9288.000	610.00	626.41	0.10	0.03	0.10	525.00	49.00
9300.000	610.00	626.30	0.00	0.00	0.00	787.42	12.00
9300.000	610.00	626.41	0.11	0.00	0.11	535.00	12.00
9349.000	610.00	626.38	0.00	0.08	0.00	807.56	49.00
9349.000	610.00	626.47	0.09	0.06	0.09	492.20	49.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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FLOODWAY DATA, 100-YEAR FREQUENCY FLOOD
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
10.000	43.	256.	2.4	608.8	608.7	0.0
550.000	53.	189.	3.2	609.1	609.1	0.0
1150.000	55.	204.	3.0	609.9	609.9	0.0
2150.000	57.	201.	3.0	611.1	611.1	0.0
3150.000	55.	185.	3.3	612.5	612.5	0.0
4000.000	46.	145.	4.2	614.3	614.3	0.0
4049.000	21.	78.	7.8	614.2	614.2	0.0
4202.000	21.	77.	7.9	614.5	614.5	0.0
4251.000	54.	205.	3.0	615.5	615.5	0.0
4800.000	38.	90.	6.8	615.9	615.9	0.0
5900.000	40.	121.	5.1	620.3	620.3	0.0
7350.000	312.	362.	1.7	624.4	624.3	0.1
7399.000	395.	517.	1.2	624.5	624.4	0.1
7415.000	410.	531.	1.1	624.5	624.4	0.1
7464.000	359.	469.	1.3	624.5	624.4	0.1
8564.000	270.	391.	1.6	625.7	625.6	0.1
8613.000	360.	351.	1.7	625.7	625.6	0.1
8630.000	375.	366.	1.7	625.7	625.6	0.1
8679.000	318.	515.	1.2	625.9	625.8	0.1
9239.000	466.	658.	0.9	626.4	626.3	0.1
9288.000	525.	640.	1.0	626.4	626.3	0.1
9300.000	535.	645.	0.9	626.4	626.3	0.1
9349.000	492.	727.	0.8	626.5	626.4	0.1

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
6628.00	10.04	612.44	0.00	0.00	612.64	0.20	0.04	0.00	613.40
1152.	0.	1152.	0.	0.	323.	0.	181.	72.	613.10
1.30	0.01	3.57	0.00	0.070	0.035	0.070	0.000	602.40	248.34
0.000857	49.	49.	49.	1	0	0	0.00	63.07	363.08
CCHV= 0.300 CEHV= 0.500									
*SECNO 6630.000									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 613.40									
6630.00	9.94	612.34	0.00	0.00	612.75	0.41	0.00	0.11	613.40
1152.	0.	1152.	0.	0.	224.	0.	181.	72.	613.10
1.30	0.00	5.15	0.00	0.070	0.035	0.070	0.000	602.40	303.85
0.006385	2.	2.	2.	2	0	0	-93.25	58.95	362.80
*SECNO 6702.000									
3265 DIVIDED FLOW									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 610.00									
3470 ENCROACHMENT STATIONS=		235.0	435.0	TYPE=	1	TARGET=	200.000		
6702.00	10.43	612.83	0.00	0.00	613.23	0.40	0.47	0.00	613.40
1152.	6.	1145.	1.	9.	226.	3.	181.	72.	613.10
1.30	0.67	5.07	0.33	0.070	0.035	0.070	0.000	602.40	235.00
0.006770	72.	72.	72.	2	0	0	-120.94	134.74	435.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 6704.000									
3265 DIVIDED FLOW									
3280 CROSS SECTION 6704.00 EXTENDED 0.10 FEET									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=				235.0	435.0	TYPE=	1	TARGET=	200.000
6704.00	10.70	613.10	0.00	0.00	613.26	0.15	0.00	0.02	613.40
1152.	6.	1142.	4.	21.	364.	18.	181.	72.	613.10
1.30	0.29	3.14	0.22	0.070	0.035	0.070	0.000	602.40	235.00
0.000616	2.	2.	2.	2	0	0	0.00	184.17	435.00
*SECNO 6753.000									
3280 CROSS SECTION	6753.00 EXTENDED			1.76 FEET					
3470 ENCROACHMENT STATIONS=				270.0	565.0	TYPE=	1	TARGET=	295.000
UPSTREAM OF BEECH DALY RD.									
6753.00	10.56	613.26	0.00	0.00	613.28	0.03	0.01	0.01	609.90
1152.	290.	450.	412.	467.	237.	591.	182.	72.	609.10
1.31	0.62	1.90	0.70	0.070	0.035	0.070	0.000	602.70	270.00
0.000154	49.	49.	49.	2	0	0	0.00	295.00	565.00
*SECNO 7753.000									
3280 CROSS SECTION	7753.00 EXTENDED			0.50 FEET					
7753.00	10.70	613.40	0.00	0.00	613.42	0.02	0.14	0.00	609.60
1152.	254.	519.	379.	715.	288.	790.	218.	86.	610.40
1.58	0.35	1.80	0.48	0.070	0.035	0.070	0.000	602.70	0.00
0.000132	1000.	1000.	1000.	2	0	0	0.00	900.02	900.02
*SECNO 8453.000									
8453.00	9.81	613.51	0.00	0.00	613.59	0.07	0.15	0.01	610.90
1152.	141.	621.	390.	201.	219.	561.	240.	97.	610.00
1.68	0.70	2.83	0.70	0.070	0.035	0.070	0.000	603.70	399.49
0.000387	700.	700.	700.	1	0	0	0.00	473.92	873.42
*SECNO 8953.000									
8953.00	8.45	613.75	0.00	0.00	613.83	0.09	0.24	0.00	612.50
1152.	125.	598.	429.	176.	189.	517.	251.	102.	612.20
1.75	0.71	3.17	0.83	0.070	0.035	0.070	0.000	605.30	362.55
0.000639	500.	500.	500.	2	0	0	0.00	467.11	829.66

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 10300.000									
3280 CROSS SECTION 10300.00 EXTENDED 0.84 FEET									
DOWNSTREAM OF FARM BRIDGE									
10300.00	8.04	614.34	0.00	0.00	614.36	0.02	0.52	0.01	613.70
1152.	562.	364.	227.	907.	188.	509.	289.	122.	613.20
2.12	0.62	1.93	0.45	0.070	0.035	0.070	0.000	606.30	0.00
0.000257	1347.	1347.	1347.	2	0	0	0.00	800.00	800.00
*SECNO 10349.000									
3280 CROSS SECTION 10349.00 EXTENDED 0.85 FEET									
10349.00	7.95	614.35	0.00	0.00	614.37	0.02	0.01	0.00	612.40
1152.	306.	721.	125.	736.	503.	469.	291.	123.	612.80
2.14	0.42	1.43	0.27	0.070	0.035	0.070	0.000	606.40	0.00
0.000134	49.	49.	49.	1	0	0	0.00	900.00	900.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 10351.000									
3280 CROSS SECTION 10351.00 EXTENDED 0.84 FEET									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 613.50 MAX ELLC= 614.00									
10351.00	7.93	614.33	0.00	0.00	614.38	0.05	0.00	0.02	612.40
1152.	257.	854.	41.	563.	400.	200.	291.	123.	612.80
2.14	0.46	2.13	0.20	0.070	0.035	0.070	0.000	606.40	0.00
0.001006	2.	2.	2.	1	0	0	-532.79	900.00	900.00
*SECNO 10364.000									
3280 CROSS SECTION 10364.00 EXTENDED 0.84 FEET									
3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 614.40 MAX ELLC= 613.40									
10364.00	7.94	614.34	0.00	0.00	614.40	0.05	0.01	0.00	612.40
1152.	257.	854.	41.	563.	400.	199.	291.	123.	612.80
2.14	0.46	2.13	0.20	0.070	0.035	0.070	0.000	606.40	0.00
0.001006	13.	13.	13.	0	0	0	-532.63	900.00	900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	CLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 10366.000
3280 CROSS SECTION 10366.00 EXTENDED 0.88 FEET

10366.00	7.98	614.38	0.00	0.00	614.40	0.02	0.00	0.00	612.40
1152.	308.	716.	129.	746.	506.	482.	291.	123.	612.80
2.14	0.41	1.41	0.27	0.070	0.035	0.070	0.000	606.40	0.00
0.000129	2.	2.	2.	2	0	0	0.00	900.00	900.00

*SECNO 10415.000
3280 CROSS SECTION 10415.00 EXTENDED 0.90 FEET

UPSTREAM OF FARM BRIDGE

10415.00	8.09	614.39	0.00	0.00	614.41	0.02	0.01	0.00	613.70
1152.	563.	356.	233.	932.	190.	532.	293.	124.	613.20
2.15	0.60	1.87	0.44	0.070	0.035	0.070	0.000	606.30	0.00
0.000236	49.	49.	49.	1	0	0	0.00	800.00	800.00

*SECNO 10765.000
3280 CROSS SECTION 10765.00 EXTENDED 1.28 FEET

DOWNSTREAM OF WALK BRIDGE

10765.00	7.28	614.48	0.00	0.00	614.53	0.05	0.11	0.01	612.90
1152.	578.	473.	101.	761.	178.	194.	305.	130.	613.10
2.22	0.76	2.66	0.52	0.070	0.035	0.070	0.000	607.20	0.00
0.000484	350.	350.	350.	2	0	0	0.00	621.82	621.82

*SECNO 10814.000
3280 CROSS SECTION 10814.00 EXTENDED 0.97 FEET

10814.00	7.37	614.47	0.00	0.00	614.59	0.12	0.04	0.02	613.70
1152.	534.	597.	21.	564.	162.	43.	306.	130.	613.50
2.22	0.95	3.69	0.49	0.070	0.035	0.070	0.000	607.10	0.00
0.001176	49.	49.	49.	2	0	0	0.00	532.00	532.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10816.000
3280 CROSS SECTION 10816.00 EXTENDED 1.07 FEET

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 612.40 MAX ELLC= 612.80

10816.00	7.47	614.57	0.00	0.00	614.61	0.05	0.00	0.02	613.70
1152.	778.	338.	36.	602.	137.	52.	306.	131.	613.50
2.22	1.29	2.47	0.68	0.070	0.035	0.070	0.000	607.10	0.00
0.002022	2.	2.	2.	2	0	0	-28.10	544.29	544.29

*SECNO 10824.000
3280 CROSS SECTION 10824.00 EXTENDED 1.08 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 613.10 MAX ELLC= 612.80

10824.00	7.48	614.58	0.00	0.00	614.63	0.04	0.02	0.00	613.70
1152.	779.	336.	37.	607.	137.	54.	306.	131.	613.50
2.23	1.28	2.45	0.68	0.070	0.035	0.070	0.000	607.10	0.00
0.001977	8.	8.	8.	0	0	0	-28.10	545.87	545.87

CCHV= 0.100 CEHV= 0.300
*SECNO 10826.000
3280 CROSS SECTION 10826.00 EXTENDED 1.05 FEET

10826.00	7.45	614.55	0.00	0.00	614.65	0.10	0.00	0.02	613.70
1152.	548.	579.	24.	593.	164.	50.	306.	131.	613.50
2.23	0.92	3.53	0.49	0.070	0.035	0.070	0.000	607.10	0.00
0.001053	2.	2.	2.	2	0	0	0.00	541.48	541.48

*SECNO 10875.000
3280 CROSS SECTION 10875.00 EXTENDED 1.44 FEET

UPSTREAM OF WALK BRIDGE

10875.00	7.44	614.64	0.00	0.00	614.69	0.04	0.03	0.01	612.90
1152.	576.	460.	116.	802.	183.	225.	307.	131.	613.10
2.24	0.72	2.51	0.52	0.070	0.035	0.070	0.000	607.20	0.00
0.000415	49.	49.	49.	2	0	0	0.00	634.06	634.06

*SECNO 11175.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 11175.00 EXTENDED 1.56 FEET									
DOWNSTREAM OF PENNSYLVANIA RD.									
11175.00	7.56	614.76	0.00	0.00	614.80	0.03	0.11	0.00	612.90
1152.	599.	431.	122.	873.	187.	250.	316.	136.	613.10
2.30	0.69	2.30	0.49	0.070	0.035	0.070	0.000	607.20	0.00
0.000338	300.	300.	300.	2	0	0	0.00	643.41	643.41
*SECNO 11224.000									
11224.00	7.95	614.75	0.00	0.00	614.83	0.08	0.01	0.01	613.70
1152.	55.	1097.	0.	152.	467.	0.	317.	136.	616.00
2.31	0.36	2.35	0.00	0.070	0.035	0.070	0.000	606.80	247.11
0.000272	49.	49.	49.	2	0	0	0.00	222.41	469.52
CCHV= 0.300 CEHV= 0.500									
*SECNO 11226.000									
3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 616.90									
11226.00	7.95	614.75	0.00	0.00	614.83	0.08	0.00	0.00	613.70
1152.	63.	1089.	0.	152.	458.	0.	317.	136.	616.00
2.31	0.41	2.38	0.00	0.070	0.035	0.070	0.000	606.80	247.07
0.000356	2.	2.	2.	0	0	0	-8.41	222.45	469.52
*SECNO 11299.000									
3370 NORMAL BRIDGE, NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 615.50									
11299.00	7.97	614.77	0.00	0.00	614.86	0.08	0.03	0.00	613.70
1152.	64.	1088.	0.	156.	459.	0.	318.	137.	616.00
2.32	0.41	2.37	0.00	0.070	0.035	0.070	0.000	606.80	245.68
0.000353	73.	73.	73.	0	0	0	-8.72	223.85	469.53
CCHV= 0.100 CEHV= 0.300									
*SECNO 11301.000									
11301.00	7.98	614.78	0.00	0.00	614.86	0.08	0.00	0.00	613.70
1152.	56.	1096.	0.	156.	469.	0.	318.	137.	616.00
2.32	0.36	2.34	0.00	0.070	0.035	0.070	0.000	606.80	245.38
0.000268	2.	2.	2.	0	0	0	0.00	224.15	469.53

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11350.000
3280 CROSS SECTION 11350.00 EXTENDED 1.64 FEET

UPSTREAM OF PENNSYLVANIA RD.

11350.00	7.64	614.84	0.00	0.00	614.88	0.03	0.01	0.00	612.90
1152.	604.	421.	127.	905.	190.	266.	319.	137.	613.10
2.33	0.67	2.21	0.48	0.070	0.035	0.070	0.000	607.20	0.00
0.000307	49.	49.	49.	2	0	0	0.00	649.50	649.50

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THIS RUN EXECUTED 15 AUG 84 10:35:41

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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T1      CITY OF TAYLOR FLOOD INSURANCE STUDY
T2      BLAKELY DRAIN
T3      100-YEAR FREQUENCY FLOOD

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       4.        0.        0.  0.000000      0.00      0.0       0.   608.10C    0.000
J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    3.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

DOWNSTREAM OF PENNSYLVANIA RD.

0.00	10.60	608.10	0.00	608.10	608.20	0.10	0.00	0.00	606.80
1360.	10.	1348.	1.	42.	537.	8.	0.	0.	607.60
0.00	0.25	2.51	0.14	0.070	0.035	0.070	0.000	597.50	250.00
0.000290	0.	0.	0.	0	0	0	0.00	261.25	511.25

*SECNO 49.000

3280 CROSS SECTION 49.00 EXTENDED 0.16 FEET

49.00	10.06	608.16	0.00	0.00	608.21	0.05	0.01	0.00	607.00
1360.	39.	1279.	42.	211.	674.	115.	1.	0.	606.30
0.01	0.18	1.90	0.37	0.070	0.035	0.070	0.000	598.10	0.00
0.000161	49.	49.	49.	2	0	0	0.00	565.75	565.75

CCHV= 0.300 CEHV= 0.500

*SECNO 51.000

3280 CROSS SECTION 51.00 EXTENDED 0.12 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 607.00 MAX ELLC= 613.00

51.00	10.02	608.12	0.00	0.00	608.25	0.13	0.00	0.04	607.00
1360.	120.	1068.	172.	197.	338.	112.	1.	0.	606.30
0.01	0.61	3.16	1.54	0.070	0.035	0.070	0.000	598.10	0.00
0.002891	2.	2.	2.	2	0	0	-333.04	565.08	565.08

*SECNO 220.000

3280 CROSS SECTION 220.00 EXTENDED 0.60 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 608.20 MAX ELLC= 606.40

220.00	10.50	608.60	0.00	0.00	608.67	0.07	0.40	0.02	607.00
1360.	282.	863.	216.	386.	351.	150.	4.	3.	606.30
0.03	0.73	2.45	1.44	0.070	0.035	0.070	0.000	598.10	0.00
0.001989	169.	169.	169.	2	0	0	-362.27	573.87	573.87

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 222.000
3280 CROSS SECTION 222.00 EXTENDED 0.63 FEET

222.00	10.53	608.63	0.00	0.00	608.67	0.04	0.00	0.00	607.00
1360.	94.	1212.	54.	401.	717.	153.	4.	3.	606.30
0.03	0.23	1.69	0.35	0.070	0.035	0.070	0.000	598.10	0.00
0.000118	2.	2.	2.	2	0	0	0.00	574.57	574.57

*SECNO 271.000
UPSTREAM OF PENNSYLVANIA RD.

271.00	11.11	608.61	0.00	0.00	608.69	0.08	0.01	0.01	606.80
1360.	40.	1313.	7.	155.	578.	32.	5.	3.	607.60
0.04	0.26	2.27	0.22	0.070	0.035	0.070	0.000	597.50	140.76
0.000215	49.	49.	49.	2	0	0	0.00	398.63	539.39

CCHV= 0.300 CEHV= 0.500
*SECNO 1071.000

3470 ENCROACHMENT STATIONS= 490.0 540.0 TYPE= 1 TARGET= 50.000
DOWNSTREAM OF TELEGRAPH RD.

1071.00	10.59	608.79	0.00	0.00	609.11	0.32	0.30	0.12	603.10
1360.	63.	1258.	39.	47.	269.	35.	15.	7.	605.10
0.09	1.33	4.68	1.12	0.070	0.035	0.070	0.000	598.20	490.00
0.000777	800.	800.	800.	2	0	0	0.00	50.00	540.00

*SECNO 1120.000

1120.00	9.29	608.69	0.00	0.00	609.33	0.64	0.06	0.16	609.80
1360.	0.	1360.	0.	0.	211.	0.	16.	7.	609.60
0.09	0.00	6.43	0.00	0.070	0.035	0.070	0.000	599.40	400.00
0.002481	49.	49.	49.	2	0	0	0.00	24.00	424.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.14	2.63	0.00	24.00	0.00	145.00	0.00	599.90	599.90

*SECNO 1182.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
611.61	609.77	0.00	213.	1141.	145.	144.	605.90	609.60
1182.00	10.94	610.34	0.00	0.00	610.75	0.41	1.41	0.00	609.80
1360.	7.	1311.	42.	18.	251.	68.	16.	8.	609.60
0.09	0.38	5.23	0.62	0.070	0.035	0.070	0.000	599.40	341.37
0.001391	62.	62.	62.	2	0	3	0.00	188.92	530.29

*SECNO 1231.000

3470 ENCROACHMENT STATIONS= 370.0 660.0 TYPE= 1 TARGET= 290.000

UPSTREAM OF TELEGRAPH RD.

1231.00	12.63	610.83	0.00	0.00	610.87	0.04	0.01	0.11	603.10
1360.	407.	696.	257.	623.	330.	464.	17.	8.	605.10
0.10	0.65	2.11	0.55	0.070	0.035	0.070	0.000	598.20	370.00
0.000120	49.	49.	49.	2	0	0	0.00	290.00	660.00

CCHV= 0.100 CEHV= 0.300

*SECNO 2131.000

3280 CROSS SECTION 2131.00 EXTENDED 0.94 FEET

2131.00	12.34	610.94	0.00	0.00	610.96	0.02	0.08	0.00	605.00
1360.	518.	522.	320.	1280.	334.	735.	56.	19.	605.30
0.40	0.40	1.56	0.43	0.070	0.035	0.070	0.000	598.60	0.00
0.000072	900.	900.	900.	2	0	0	0.00	765.80	765.80

*SECNO 3331.000

3280 CROSS SECTION 3331.00 EXTENDED 1.05 FEET

DOWNSTREAM OF FARM BRIDGE

3331.00	11.44	611.04	0.00	0.00	611.05	0.02	0.10	0.00	606.40
1360.	266.	491.	603.	584.	306.	1213.	117.	38.	605.90
0.77	0.46	1.60	0.50	0.070	0.035	0.070	0.000	599.60	253.88
0.000091	1200.	1200.	1200.	1	0	0	0.00	646.12	900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3380.000									
3280 CROSS SECTION	3380.00 EXTENDED		2.04 FEET						
3380.00	11.93	611.03	0.00	0.00	611.06	0.03	0.01	0.00	608.80
1360.	162.	654.	544.	408.	351.	1056.	119.	39.	608.80
0.78	0.40	1.87	0.52	0.070	0.035	0.070	0.000	599.10	154.26
0.000134	49.	49.	49.	0	0	0	0.00	645.74	800.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3382.000									
3280 CROSS SECTION	3382.00 EXTENDED		2.06 FEET						
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 608.80 MAX ELLC= 608.80									
3382.00	11.96	611.06	0.00	0.00	611.07	0.01	0.00	0.01	608.80
1360.	253.	259.	848.	412.	234.	1062.	120.	39.	608.80
0.78	0.61	1.10	0.80	0.070	0.035	0.070	0.000	599.10	153.11
0.000319	2.	2.	2.	2	0	0	-117.05	646.89	800.00
*SECNO 3390.000									
3280 CROSS SECTION	3390.00 EXTENDED		2.06 FEET						
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 608.50 MAX ELLC= 605.90									
3390.00	11.96	611.06	0.00	0.00	611.07	0.01	0.00	0.00	608.80
1360.	253.	259.	848.	412.	234.	1063.	120.	39.	608.80
0.79	0.61	1.10	0.81	0.070	0.035	0.070	0.000	599.10	152.98
0.000319	8.	8.	8.	0	0	0	-117.05	647.02	800.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3392.000									
3280 CROSS SECTION	3392.00 EXTENDED		2.05 FEET						
3392.00	11.95	611.05	0.00	0.00	611.08	0.03	0.00	0.01	608.80
1360.	163.	652.	545.	411.	351.	1061.	120.	39.	608.80
0.79	0.40	1.86	0.51	0.070	0.035	0.070	0.000	599.10	153.31
0.000132	2.	2.	2.	1	0	0	0.00	646.69	800.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3441.000
3280 CROSS SECTION 3441.00 EXTENDED 1.06 FEET

UPSTREAM OF FARM BRIDGE

3441.00	11.47	611.07	0.00	0.00	611.08	0.02	0.01	0.00	606.40
1360.	267.	490.	603.	587.	307.	1218.	122.	40.	605.90
0.80	0.45	1.60	0.50	0.070	0.035	0.070	0.000	599.60	252.95
0.000090	49.	49.	49.	0	0	0	0.00	647.05	900.00

*SECNO 3641.000
3280 CROSS SECTION 3641.00 EXTENDED 1.09 FEET

DOWNSTREAM OF DIRT RD.

3641.00	10.89	611.09	0.00	0.00	611.10	0.01	0.02	0.00	606.70
1360.	482.	378.	499.	924.	257.	1001.	132.	43.	606.10
0.87	0.52	1.47	0.50	0.070	0.035	0.070	0.000	600.20	269.56
0.000083	200.	200.	200.	0	0	0	0.00	630.44	900.00

*SECNO 3690.000
3280 CROSS SECTION 3690.00 EXTENDED 1.07 FEET

3690.00	10.67	611.07	0.00	0.00	611.12	0.05	0.01	0.01	608.20
1360.	420.	554.	385.	546.	217.	570.	134.	43.	608.10
0.88	0.77	2.56	0.68	0.070	0.035	0.070	0.000	600.40	183.71
0.000318	49.	49.	49.	2	0	0	0.00	516.30	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3692.000
3280 CROSS SECTION 3692.00 EXTENDED 1.10 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.00 MAX ELLC= 605.70

3692.00	10.70	611.10	0.00	0.00	611.12	0.02	0.00	0.01	608.20
1360.	580.	314.	466.	553.	170.	536.	134.	43.	608.10
0.88	1.05	1.84	0.87	0.070	0.035	0.070	0.000	600.40	182.83
0.000585	2.	2.	2.	2	0	0	-89.75	517.17	700.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3703.000
3280 CROSS SECTION 3703.00 EXTENDED 1.11 FEET

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.80 MAX ELLC= 605.70

3703.00	10.71	611.11	0.00	0.00	611.13	0.02	0.01	0.00	608.20
1360.	580.	313.	466.	554.	170.	538.	134.	44.	608.10
0.89	1.05	1.84	0.87	0.070	0.035	0.070	0.000	600.40	182.69
0.000582	11.	11.	11.	0	0	0	-89.75	517.31	700.00

CCHV= 0.100 CEHV= 0.300
*SECNO 3705.000
3280 CROSS SECTION 3705.00 EXTENDED 1.10 FEET

3705.00	10.69	611.09	0.00	0.00	611.14	0.04	0.00	0.01	608.20
1360.	422.	550.	388.	553.	217.	579.	134.	44.	608.10
0.89	0.76	2.53	0.67	0.070	0.035	0.070	0.000	600.40	182.83
0.000309	2.	2.	2.	1	0	0	0.00	517.17	700.00

*SECNO 3754.000
3280 CROSS SECTION 3754.00 EXTENDED 1.14 FEET

UPSTREAM OF DIRT RD.

3754.00	10.94	611.14	0.00	0.00	611.15	0.01	0.01	0.00	606.70
1360.	483.	376.	502.	936.	258.	1019.	136.	44.	606.10
0.90	0.52	1.45	0.49	0.070	0.035	0.070	0.000	600.20	268.98
0.000080	49.	49.	49.	2	0	0	0.00	631.02	900.00

*SECNO 3854.000
3280 CROSS SECTION 3854.00 EXTENDED 1.13 FEET

DOWNSTREAM OF PRIVATE BRIDGE

3854.00	11.23	611.13	0.00	0.00	611.17	0.04	0.01	0.01	608.00
1360.	209.	725.	426.	429.	353.	740.	141.	46.	606.50
0.92	0.49	2.05	0.58	0.070	0.035	0.070	0.000	599.90	295.81
0.000167	100.	100.	100.	2	0	0	0.00	504.19	800.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3903.000									
3280 CROSS SECTION	3903.00 EXTENDED		1.12 FEET						
3903.00	10.52	611.12	0.00	0.00	611.19	0.08	0.01	0.01	608.70
1360.	319.	620.	420.	423.	196.	557.	142.	46.	608.70
0.93	0.75	3.17	0.75	0.070	0.035	0.070	0.000	600.60	168.12
0.000493	49.	49.	49.	2	0	0	0.00	531.88	700.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 3905.000									
3280 CROSS SECTION	3905.00 EXTENDED		1.18 FEET						
3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80									
3905.00	10.58	611.18	0.00	0.00	611.21	0.03	0.00	0.01	608.70
1360.	444.	331.	585.	435.	156.	574.	142.	46.	608.70
0.93	1.02	2.13	1.02	0.070	0.035	0.070	0.000	600.60	166.34
0.000865	2.	2.	2.	2	0	0	-43.43	533.66	700.00
*SECNO 3915.000									
3280 CROSS SECTION	3915.00 EXTENDED		1.18 FEET						
3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80									
3915.00	10.59	611.19	0.00	0.00	611.22	0.03	0.01	0.00	608.70
1360.	444.	330.	586.	437.	156.	576.	143.	46.	608.70
0.93	1.02	2.12	1.02	0.070	0.035	0.070	0.000	600.60	166.15
0.000857	10.	10.	10.	0	0	0	-43.46	533.85	700.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3917.000									
3280 CROSS SECTION	3917.00 EXTENDED		1.16 FEET						
3917.00	10.56	611.16	0.00	0.00	611.23	0.07	0.00	0.01	608.70
1360.	323.	611.	425.	433.	196.	568.	143.	46.	608.70
0.94	0.75	3.11	0.75	0.070	0.035	0.070	0.000	600.60	166.92
0.000472	2.	2.	2.	2	0	0	0.00	533.08	700.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3966.000									
3280 CROSS SECTION	3966.00 EXTENDED		1.21 FEET						
UPSTREAM OF PRIVATE BRIDGE									
3966.00	11.31	611.21	0.00	0.00	611.25	0.03	0.01	0.00	608.00
1360.	215.	714.	431.	445.	356.	761.	144.	47.	606.50
0.95	0.48	2.00	0.57	0.070	0.035	0.070	0.000	599.90	293.19
0.000156	49.	49.	49.	2	0	0	0.00	506.82	800.00
*SECNO 4466.000									
3280 CROSS SECTION	4466.00 EXTENDED		1.50 FEET						
DOWNSTREAM OF PENNSYLVANIA RD.									
4466.00	10.40	611.30	0.00	0.00	611.32	0.02	0.07	0.00	607.40
1360.	716.	490.	154.	1445.	295.	363.	165.	54.	608.00
1.10	0.50	1.66	0.43	0.070	0.035	0.070	0.000	600.90	0.00
0.000126	500.	500.	500.	2	0	0	0.00	700.00	700.00
*SECNO 4515.000									
3280 CROSS SECTION	4515.00 EXTENDED		2.61 FEET						
4515.00	10.01	611.31	0.00	0.00	611.33	0.02	0.01	0.00	608.30
1360.	622.	452.	286.	1118.	275.	660.	168.	55.	608.70
1.11	0.56	1.65	0.43	0.070	0.035	0.070	0.000	601.30	0.00
0.000176	49.	49.	49.	0	0	0	0.00	800.00	800.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 4517.000									
3280 CROSS SECTION	4517.00 EXTENDED		2.61 FEET						
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 608.70 MAX ELLC= 607.40									
4517.00	10.01	611.31	0.00	0.00	611.33	0.02	0.00	0.00	608.30
1360.	727.	297.	336.	863.	188.	519.	168.	55.	608.70
1.11	0.84	1.59	0.65	0.070	0.035	0.070	0.000	601.30	0.00
0.000562	2.	2.	2.	0	0	0	-483.80	800.00	800.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4568.000
3280 CROSS SECTION 4568.00 EXTENDED 2.63 FEET

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 609.60 MAX ELLC= 607.40

4568.00	10.04	611.34	0.00	0.00	611.35	0.02	0.03	0.00	608.30
1360.	727.	295.	338.	872.	188.	526.	169.	56.	608.70
1.13	0.83	1.57	0.64	0.070	0.035	0.070	0.000	601.30	0.00
0.000545	51.	51.	51.	0	0	0	-483.80	800.00	800.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4570.000
3280 CROSS SECTION 4570.00 EXTENDED 2.64 FEET

4570.00	10.04	611.34	0.00	0.00	611.36	0.02	0.00	0.00	608.30
1360.	623.	448.	289.	1131.	276.	672.	170.	56.	608.70
1.13	0.55	1.62	0.43	0.070	0.035	0.070	0.000	601.30	0.00
0.000170	2.	2.	2.	0	0	0	0.00	800.00	800.00

*SECNO 4619.000
3280 CROSS SECTION 4619.00 EXTENDED 1.55 FEET

UPSTREAM OF PENNSYLVANIA RD.

4619.00	10.45	611.35	0.00	0.00	611.36	0.02	0.01	0.00	607.40
1360.	719.	484.	156.	1470.	298.	371.	172.	57.	608.00
1.15	0.49	1.63	0.42	0.070	0.035	0.070	0.000	600.90	0.00
0.000120	49.	49.	49.	1	0	0	0.00	700.00	700.00

*SECNO 5019.000
3280 CROSS SECTION 5019.00 EXTENDED 0.36 FEET

5019.00	9.06	611.36	0.00	0.00	611.48	0.12	0.09	0.03	604.50
1360.	403.	708.	249.	441.	190.	383.	186.	62.	605.00
1.19	0.91	3.73	0.65	0.070	0.035	0.070	0.000	602.30	205.67
0.000480	400.	400.	400.	2	0	0	0.00	594.33	800.00

*SECNO 5519.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3265 DIVIDED FLOW

3280 CROSS SECTION 5519.00 EXTENDED 0.65 FEET

DOWNSTREAM OF PENNSYLVANIA RD.

5519.00	9.45	611.65	0.00	0.00	611.75	0.10	0.27	0.00	606.90
1360.	520.	812.	27.	500.	255.	74.	197.	68.	611.80
1.25	1.04	3.19	0.37	0.070	0.035	0.070	0.000	602.20	286.00
0.000606	500.	500.	500.	2	0	0	0.00	386.89	700.00

*SECNO 5568.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5568.00 EXTENDED 1.46 FEET

5568.00	10.25	611.45	606.66	0.00	611.90	0.45	0.05	0.11	611.10
1360.	79.	1167.	114.	130.	201.	150.	198.	69.	611.20
1.26	0.61	5.82	0.76	0.070	0.035	0.070	0.000	601.20	108.63
0.002141	49.	49.	49.	4	11	0	0.00	572.67	700.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5570.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5570.00 EXTENDED 1.46 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 610.80 MAX ELLC= 611.40

5570.00	10.26	611.46	606.84	0.00	611.91	0.45	0.01	0.00	611.10
1360.	155.	981.	224.	129.	156.	149.	198.	69.	611.20
1.26	1.20	6.30	1.50	0.070	0.035	0.070	0.000	601.20	108.93
0.008312	2.	2.	2.	0	15	0	-45.00	571.72	700.00

*SECNO 5628.000

3280 CROSS SECTION 5628.00 EXTENDED 2.15 FEET

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 611.10 MAX ELLC= 608.90									
5628.00	10.96	612.16	0.00	0.00	612.24	0.09	0.22	0.11	611.10
1360.	381.	579.	400.	379.	170.	344.	199.	69.	611.20
1.26	1.01	3.41	1.16	0.070	0.035	0.070	0.000	601.20	0.00
0.002174	58.	58.	58.	3	0	0	-45.00	700.00	700.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 5630.000									
3280 CROSS SECTION 5630.00 EXTENDED 2.10 FEET									
5630.00	10.90	612.10	0.00	0.00	612.27	0.17	0.00	0.03	611.10
1360.	234.	876.	250.	358.	214.	330.	199.	70.	611.20
1.26	0.65	4.10	0.76	0.070	0.035	0.070	0.000	601.20	0.00
0.000981	2.	2.	2.	2	0	0	0.00	700.00	700.00
*SECNO 5679.000									
3280 CROSS SECTION 5679.00 EXTENDED 1.25 FEET									
UPSTREAM OF PENNSYLVANIA RD.									
5679.00	10.05	612.25	0.00	0.00	612.31	0.06	0.03	0.01	606.90
1360.	559.	731.	70.	634.	282.	163.	200.	70.	611.80
1.27	0.88	2.60	0.43	0.070	0.035	0.070	0.000	602.20	267.26
0.000356	49.	49.	49.	2	0	0	0.00	432.74	700.00
*SECNO 6579.000									
3280 CROSS SECTION 6579.00 EXTENDED 1.12 FEET									
3470 ENCROACHMENT STATIONS= 365.0 470.0 TYPE= 1 TARGET= 105.000									
DOWNSTREAM OF BEECH DALY RD.									
6579.00	9.92	612.62	0.00	0.00	612.87	0.25	0.50	0.06	609.90
1360.	146.	995.	219.	109.	217.	145.	216.	76.	609.10
1.34	1.34	4.58	1.51	0.070	0.035	0.070	0.000	602.70	365.00
0.001003	900.	900.	900.	2	0	0	0.00	105.00	470.00
*SECNO 6628.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
6628.00	10.27	612.67	0.00	0.00	612.92	0.25	0.05	0.00	613.40
1360.	1.	1359.	0.	3.	336.	0.	216.	76.	613.10
1.34	0.18	4.04	0.00	0.070	0.035	0.070	0.000	602.40	238.18
0.001073	49.	49.	49.	1	0	0	0.00	85.85	363.73
CCHV= 0.300 CEHV= 0.500									
*SECNO 6630.000									
3265 DIVIDED FLOW									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 613.40									
6630.00	10.11	612.51	0.00	0.00	613.08	0.57	0.00	0.16	613.40
1360.	0.	1360.	0.	1.	225.	0.	216.	76.	613.10
1.34	0.30	6.05	0.00	0.070	0.035	0.070	0.000	602.40	244.83
0.009109	2.	2.	2.	2	0	0	-102.76	70.93	363.31
*SECNO 6702.000									
3280 CROSS SECTION 6702.00 EXTENDED 0.51 FEET									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 610.00									
3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000									
6702.00	11.11	613.51	0.00	0.00	613.86	0.34	0.71	0.07	613.40
1360.	76.	1209.	75.	44.	244.	46.	217.	76.	613.10
1.35	1.71	4.95	1.64	0.070	0.035	0.070	0.000	602.40	235.00
0.010582	72.	72.	72.	5	0	0	-145.60	200.00	435.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 6704.000									
3280 CROSS SECTION 6704.00 EXTENDED 0.72 FEET									
3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6704.00	11.32	613.72	0.00	0.00	613.88	0.16	0.00	0.02	613.40
1360.	28.	1304.	28.	59.	404.	61.	217.	76.	613.10
1.35	0.48	3.23	0.46	0.070	0.035	0.070	0.000	602.40	235.00
0.000579	2.	2.	2.	2	0	0	0.00	200.00	435.00

*SECNO 6753.000
3280 CROSS SECTION 6753.00 EXTENDED 2.38 FEET

3470 ENCROACHMENT STATIONS= 270.0 565.0 TYPE= 1 TARGET= 295.000
UPSTREAM OF BEECH DALY RD.

6753.00	11.18	613.88	0.00	0.00	613.90	0.03	0.01	0.01	609.90
1360.	365.	498.	497.	548.	256.	675.	218.	76.	609.10
1.36	0.67	1.95	0.74	0.070	0.035	0.070	0.000	602.70	270.00
0.000145	49.	49.	49.	2	0	0	0.00	295.00	565.00

*SECNO 7753.000
3280 CROSS SECTION 7753.00 EXTENDED 1.11 FEET

7753.00	11.31	614.01	0.00	0.00	614.02	0.02	0.12	0.00	609.60
1360.	374.	514.	472.	1018.	310.	1029.	262.	91.	610.40
1.67	0.37	1.66	0.46	0.070	0.035	0.070	0.000	602.70	0.00
0.000101	1000.	1000.	1000.	2	0	0	0.00	960.65	960.65

*SECNO 8453.000
3280 CROSS SECTION 8453.00 EXTENDED 0.29 FEET

8453.00	10.39	614.09	0.00	0.00	614.15	0.06	0.11	0.01	610.90
1360.	190.	634.	535.	271.	239.	773.	291.	103.	610.00
1.79	0.70	2.67	0.69	0.070	0.035	0.070	0.000	603.70	360.49
0.000307	700.	700.	700.	0	0	0	0.00	539.51	900.00

*SECNO 8953.000

8953.00	8.98	614.28	0.00	0.00	614.34	0.07	0.19	0.00	612.50
1360.	183.	639.	568.	256.	207.	678.	305.	109.	612.20
1.87	0.71	2.95	0.84	0.070	0.035	0.070	0.000	605.30	336.09
0.000489	500.	500.	500.	2	0	0	0.00	510.10	846.19

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10300.000
3280 CROSS SECTION 10300.00 EXTENDED 1.25 FEET

DOWNSTREAM OF FARM BRIDGE

10300.00	8.45	614.75	0.00	0.00	614.77	0.02	0.42	0.00	613.70
1360.	669.	378.	313.	1072.	203.	659.	353.	129.	613.20
2.27	0.62	1.86	0.48	0.070	0.035	0.070	0.000	606.30	0.00
0.000215	1347.	1347.	1347.	2	0	0	0.00	800.00	800.00

*SECNO 10349.000
3280 CROSS SECTION 10349.00 EXTENDED 1.27 FEET

10349.00	8.36	614.76	0.00	0.00	614.78	0.02	0.01	0.00	612.40
1360.	385.	775.	200.	881.	544.	655.	355.	130.	612.80
2.28	0.44	1.42	0.31	0.070	0.035	0.070	0.000	606.40	0.00
0.000119	49.	49.	49.	0	0	0	0.00	900.00	900.00

CCHV= 0.300 CEHV= 0.500
*SECNO 10351.000
3280 CROSS SECTION 10351.00 EXTENDED 1.26 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.50 MAX ELLC= 614.00

10351.00	8.35	614.75	0.00	0.00	614.78	0.04	0.00	0.01	612.40
1360.	415.	821.	123.	709.	430.	380.	355.	130.	612.80
2.29	0.59	1.91	0.32	0.070	0.035	0.070	0.000	606.40	0.00
0.001258	2.	2.	2.	0	0	0	-552.70	900.00	900.00

*SECNO 10364.000
3280 CROSS SECTION 10364.00 EXTENDED 1.26 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.40 MAX ELLC= 613.40

10364.00	8.37	614.77	0.00	0.00	614.80	0.04	0.02	0.00	612.40
1360.	415.	821.	123.	709.	430.	380.	355.	130.	612.80
2.29	0.59	1.91	0.32	0.070	0.035	0.070	0.000	606.40	0.00
0.001257	13.	13.	13.	0	0	0	-552.70	900.00	900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
CCHV= 0.100 CEHV= 0.300									
*SECNO 10366.000									
3280 CROSS SECTION 10366.00 EXTENDED 1.28 FEET									
10366.00	8.38	614.78	0.00	0.00	614.80	0.02	0.00	0.00	612.40
1360.	385.	773.	201.	884.	545.	659.	355.	130.	612.80
2.29	0.44	1.42	0.31	0.070	0.035	0.070	0.000	606.40	0.00
0.000117	2.	2.	2.	1	0	0	0.00	900.00	900.00
*SECNO 10415.000									
3280 CROSS SECTION 10415.00 EXTENDED 1.29 FEET									
UPSTREAM OF FARM BRIDGE									
10415.00	8.49	614.79	0.00	0.00	614.81	0.02	0.01	0.00	613.70
1360.	669.	373.	317.	1090.	204.	675.	358.	131.	613.20
2.30	0.61	1.83	0.47	0.070	0.035	0.070	0.000	606.30	0.00
0.000204	49.	49.	49.	2	0	0	0.00	800.00	800.00
*SECNO 10765.000									
3280 CROSS SECTION 10765.00 EXTENDED 1.67 FEET									
DOWNSTREAM OF WALK BRIDGE									
10765.00	7.67	614.87	0.00	0.00	614.92	0.04	0.10	0.01	612.90
1360.	715.	492.	153.	917.	191.	273.	371.	137.	613.10
2.37	0.78	2.57	0.53	0.070	0.035	0.070	0.000	607.20	0.00
0.000412	350.	350.	350.	2	0	0	0.00	651.85	651.85
*SECNO 10814.000									
3280 CROSS SECTION 10814.00 EXTENDED 1.38 FEET									
10814.00	7.77	614.87	0.00	0.00	614.96	0.09	0.03	0.01	613.70
1360.	738.	603.	50.	727.	176.	93.	373.	138.	613.50
2.38	0.97	3.43	0.53	0.070	0.035	0.070	0.000	607.10	0.00
0.000911	49.	49.	49.	1	0	0	0.00	584.56	584.56
CCHV= 0.300 CEHV= 0.500									
*SECNO 10816.000									
3280 CROSS SECTION 10816.00 EXTENDED 1.44 FEET									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 612.40 MAX ELLC= 612.80									
10816.00	7.84	614.94	0.00	0.00	614.98	0.04	0.00	0.02	613.70
1360.	952.	336.	72.	751.	149.	103.	373.	138.	613.50
2.38	1.27	2.25	0.70	0.070	0.035	0.070	0.000	607.10	0.00
0.001484	2.	2.	2.	2	0	0	-28.10	592.29	592.29
*SECNO 10824.000									
3280 CROSS SECTION 10824.00 EXTENDED 1.45 FEET									
3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 613.10 MAX ELLC= 612.80									
10824.00	7.85	614.95	0.00	0.00	614.99	0.04	0.01	0.00	613.70
1360.	953.	335.	73.	755.	150.	104.	373.	138.	613.50
2.38	1.26	2.23	0.70	0.070	0.035	0.070	0.000	607.10	0.00
0.001462	8.	8.	8.	0	0	0	-28.10	593.51	593.51
CCHV= 0.100 CEHV= 0.300									
*SECNO 10826.000									
3280 CROSS SECTION 10826.00 EXTENDED 1.42 FEET									
10826.00	7.82	614.92	0.00	0.00	615.01	0.08	0.00	0.01	613.70
1360.	714.	594.	53.	744.	177.	130.	373.	138.	613.50
2.38	0.96	3.36	0.53	0.070	0.035	0.070	0.000	607.10	0.00
0.000861	2.	2.	2.	2	0	0	0.00	589.90	589.90
*SECNO 10875.000									
3280 CROSS SECTION 10875.00 EXTENDED 1.79 FEET									
UPSTREAM OF WALK BRIDGE									
10875.00	7.80	615.00	0.00	0.00	615.04	0.04	0.03	0.00	612.90
1360.	707.	487.	166.	940.	195.	298.	374.	139.	613.10
2.39	0.75	2.50	0.56	0.070	0.035	0.070	0.000	607.20	0.00
0.000378	49.	49.	49.	1	0	0	0.00	660.58	660.58
*SECNO 11175.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION 11175.00 EXTENDED 1.91 FEET									
DOWNSTREAM OF PENNSYLVANIA RD.									
11175.00	7.91	615.11	0.00	0.00	615.14	0.03	0.10	0.00	612.90
1360.	729.	460.	171.	1011.	199.	326.	384.	143.	613.10
2.46	0.72	2.31	0.53	0.070	0.035	0.070	0.000	607.20	0.00
0.000314	300.	300.	300.	2	0	0	0.00	669.83	669.83
*SECNO 11224.000									
11224.00	8.28	615.08	0.00	0.00	615.18	0.10	0.02	0.02	613.70
1360.	90.	1270.	0.	206.	490.	0.	386.	144.	616.00
2.46	0.44	2.59	0.00	0.070	0.035	0.070	0.000	606.80	226.39
0.000312	49.	49.	49.	2	0	0	0.00	243.26	469.65
CCHV= 0.300 CEHV= 0.500									
*SECNO 11226.000									
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 616.90									
11226.00	8.28	615.08	0.00	0.00	615.18	0.10	0.00	0.00	613.70
1360.	109.	1251.	0.	206.	476.	0.	386.	144.	616.00
2.46	0.53	2.63	0.00	0.070	0.035	0.070	0.000	606.80	226.35
0.000457	2.	2.	2.	0	0	0	-13.59	243.30	469.65
*SECNO 11299.000									
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 615.50									
11299.00	8.31	615.11	0.00	0.00	615.21	0.10	0.03	0.00	613.70
1360.	113.	1247.	0.	211.	477.	0.	387.	144.	616.00
2.47	0.53	2.61	0.00	0.070	0.035	0.070	0.000	606.80	224.63
0.000458	73.	73.	73.	0	0	0	-14.16	245.03	469.66
CCHV= 0.100 CEHV= 0.300									
*SECNO 11301.000									
11301.00	8.32	615.12	0.00	0.00	615.21	0.10	0.00	0.00	613.70
1360.	93.	1267.	0.	212.	492.	0.	387.	144.	616.00
2.47	0.44	2.57	0.00	0.070	0.035	0.070	0.000	606.80	224.12
0.000306	2.	2.	2.	0	0	0	0.00	245.54	469.66

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11350.000
3280 CROSS SECTION 11350.00 EXTENDED 2.00 FEET

UPSTREAM OF PENNSYLVANIA RD.

11350.00	8.00	615.20	0.00	0.00	615.23	0.03	0.01	0.01	612.90
1360.	733.	448.	178.	1049.	202.	349.	388.	145.	613.10
2.49	0.70	2.21	0.51	0.070	0.035	0.070	0.000	607.20	0.00
0.000283	49.	49.	49.	2	0	0	0.00	677.15	677.15

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THIS RUN EXECUTED 15 AUG 84 10:36:13

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
**************************************************

T1       CITY OF TAYLOR FLOOD INSURANCE STUDY
T2       BLAKELY DRAIN
T3       500-YEAR FREQUENCY FLOOD

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.      5.        0.        0.  0.000000      0.00      0.0       0.   608.900     0.000

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    15.000    0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRCB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

3280 CROSS SECTION 0.00 EXTENDED 0.20 FEET

DOWNSTREAM OF PENNSYLVANIA RD.

0.00	11.40	608.90	0.00	608.90	609.03	0.13	0.00	0.00	606.80
1870.	90.	1763.	17.	245.	601.	50.	0.	0.	607.60
0.00	0.37	2.93	0.34	0.070	0.035	0.070	0.000	597.50	0.00
0.000340	0.	0.	0.	0	0	0	0.00	551.87	551.87

*SECNO 49.000

3280 CROSS SECTION 49.00 EXTENDED 0.98 FEET

49.00	10.88	608.98	0.00	0.00	609.04	0.06	0.01	0.01	607.00
1870.	188.	1596.	86.	541.	749.	184.	1.	1.	606.30
0.01	0.35	2.13	0.47	0.070	0.035	0.070	0.000	598.10	0.00
0.000177	49.	49.	49.	2	0	0	0.00	581.10	581.10

CCHV= 0.300 CEHV= 0.500

*SECNO 51.000

3280 CROSS SECTION 51.00 EXTENDED 0.98 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 607.00 MAX ELLC= 613.00

51.00	10.88	608.98	0.00	0.00	609.05	0.07	0.00	0.01	607.00
1870.	560.	1011.	299.	541.	381.	184.	1.	1.	606.30
0.01	1.03	2.65	1.63	0.070	0.035	0.070	0.000	598.10	0.00
0.002642	2.	2.	2.	0	0	0	-367.80	581.10	581.10

*SECNO 220.000

3280 CROSS SECTION 220.00 EXTENDED 1.37 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 608.20 MAX ELLC= 606.40

220.00	11.27	609.37	0.00	0.00	609.42	0.05	0.36	0.01	607.00
1870.	682.	950.	238.	694.	415.	220.	6.	3.	606.30
0.04	0.98	2.29	1.08	0.070	0.035	0.070	0.000	598.10	0.00
0.001749	169.	169.	169.	2	0	0	-367.80	588.22	588.22

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 222.000
3280 CROSS SECTION 222.00 EXTENDED 1.37 FEET

222.00	11.27	609.37	0.00	0.00	609.42	0.05	0.00	0.00	607.00
1870.	252.	1520.	98.	696.	784.	220.	6.	3.	606.30
0.04	0.36	1.94	0.44	0.070	0.035	0.070	0.000	598.10	0.00
0.000138	2.	2.	2.	0	0	0	0.00	588.31	588.31

*SECNO 271.000
3280 CROSS SECTION 271.00 EXTENDED 0.64 FEET

UPSTREAM OF PENNSYLVANIA RD.

271.00	11.84	609.34	0.00	0.00	609.44	0.10	0.01	0.01	606.80
1870.	163.	1676.	32.	423.	636.	87.	8.	4.	607.60
0.04	0.39	2.63	0.37	0.070	0.035	0.070	0.000	597.50	0.00
0.000254	49.	49.	49.	2	0	0	0.00	571.30	571.30

CCHV= 0.300 CEHV= 0.500
*SECNO 1071.000

3470 ENCROACHMENT STATIONS= 490.0 540.0 TYPE= 1 TARGET= 50.000

DOWNSTREAM OF TELEGRAPH RD.

1071.00	11.31	609.51	0.00	0.00	610.02	0.50	0.37	0.20	603.10
1870.	93.	1716.	62.	54.	290.	42.	22.	9.	605.10
0.08	1.70	5.91	1.48	0.070	0.035	0.070	0.000	598.20	490.00
0.001118	800.	800.	800.	1	0	0	0.00	50.00	540.00

*SECNO 1120.000

3301 HV CHANGED MORE THAN HVINS

1120.00	9.93	609.33	0.00	0.00	610.39	1.06	0.09	0.28	609.80
1870.	0.	1870.	0.	0.	227.	0.	22.	9.	609.60
0.08	0.00	8.25	0.00	0.070	0.035	0.070	0.000	599.40	400.00
0.003874	49.	49.	49.	2	0	0	0.00	24.00	424.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.14	2.63	0.00	24.00	0.00	145.00	0.00	599.90	599.90

*SECNO 1182.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.86	610.89	0.00	705.	1171.	145.	144.	605.90	609.60

1182.00	11.53	610.93	0.00	0.00	611.50	0.56	1.11	0.00	609.80
1870.	49.	1682.	139.	63.	265.	142.	23.	10.	609.60
0.09	0.78	6.34	0.98	0.070	0.035	0.070	0.000	599.40	304.22
0.001903	62.	62.	62.	3	0	4	0.00	261.72	565.95

*SECNO 1231.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 370.0 660.0 TYPE= 1 TARGET= 290.000
UPSTREAM OF TELEGRAPH RD.

1231.00	13.42	611.62	0.00	0.00	611.67	0.05	0.02	0.15	603.10
1870.	589.	882.	399.	725.	353.	566.	24.	10.	605.10
0.10	0.81	2.50	0.71	0.070	0.035	0.070	0.000	598.20	370.00
0.000153	49.	49.	49.	2	3	0	0.00	290.00	660.00

CCHV= 0.100 CEHV= 0.300
*SECNO 2131.000
3280 CROSS SECTION 2131.00 EXTENDED 1.75 FEET

2131.00	13.15	611.75	0.00	0.00	611.77	0.02	0.09	0.00	605.00
1870.	789.	618.	463.	1684.	362.	931.	72.	21.	605.30
0.38	0.47	1.71	0.50	0.070	0.035	0.070	0.000	598.60	0.00
0.000077	900.	900.	900.	2	0	0	0.00	787.04	787.04

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3331.000
3280 CROSS SECTION 3331.00 EXTENDED 1.85 FEET

DOWNSTREAM OF FARM BRIDGE

3331.00	12.25	611.85	0.00	0.00	611.87	0.02	0.10	0.00	606.40
1870.	409.	592.	869.	806.	335.	1507.	149.	42.	605.90
0.73	0.51	1.77	0.58	0.070	0.035	0.070	0.000	599.60	193.58
0.000098	1200.	1200.	1200.	2	0	0	0.00	706.42	900.00

*SECNO 3380.000
3280 CROSS SECTION 3380.00 EXTENDED 2.86 FEET

3380.00	12.75	611.85	0.00	0.00	611.88	0.03	0.01	0.00	608.80
1870.	294.	766.	811.	632.	385.	1348.	152.	42.	608.80
0.74	0.46	1.99	0.60	0.070	0.035	0.070	0.000	599.10	93.04
0.000134	49.	49.	49.	0	0	0	0.00	706.96	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3382.000
3280 CROSS SECTION 3382.00 EXTENDED 2.87 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 608.80 MAX ELLC= 608.80

3382.00	12.77	611.87	0.00	0.00	611.88	0.01	0.00	0.00	608.80
1870.	419.	298.	1153.	637.	269.	1354.	152.	42.	608.80
0.74	0.66	1.11	0.85	0.070	0.035	0.070	0.000	599.10	90.96
0.000268	2.	2.	2.	2	0	0	-117.05	709.04	800.00

*SECNO 3390.000
3280 CROSS SECTION 3390.00 EXTENDED 2.87 FEET

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 608.80 MAX ELLC= 605.90

3390.00	12.77	611.87	0.00	0.00	611.89	0.01	0.00	0.00	608.80
1870.	419.	297.	1153.	638.	269.	1355.	152.	43.	608.80
0.75	0.66	1.11	0.85	0.070	0.035	0.070	0.000	599.10	90.76
0.000267	8.	8.	8.	0	0	0	-117.05	709.24	800.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 3392.000
3280 CROSS SECTION 3392.00 EXTENDED 2.87 FEET

3392.00	12.76	611.86	C.00	0.00	611.89	0.03	0.00	0.00	608.80
1870.	295.	764.	812.	636.	386.	1353.	153.	43.	608.80
0.75	0.46	1.98	0.60	0.070	0.035	0.070	0.000	599.10	91.35
0.000133	2.	2.	2.	1	0	0	0.00	708.65	800.00

*SECNO 3441.000
3280 CROSS SECTION 3441.00 EXTENDED 1.87 FEET

UPSTREAM OF FARM BRIDGE

3441.00	12.28	611.88	C.00	0.00	611.90	0.02	0.01	0.00	606.40
1870.	410.	590.	870.	812.	335.	1515.	155.	43.	605.90
0.76	0.51	1.76	0.57	0.070	0.035	0.070	0.000	599.60	190.85
0.000097	49.	49.	49.	0	0	0	0.00	709.15	900.00

*SECNO 3641.000
3280 CROSS SECTION 3641.00 EXTENDED 1.90 FEET

DOWNSTREAM OF DIRT RD.

3641.00	11.70	611.90	C.00	0.00	611.92	0.01	0.02	0.00	606.70
1870.	675.	464.	732.	1116.	281.	1303.	168.	46.	606.10
0.83	0.60	1.65	0.56	0.070	0.035	0.070	0.000	600.20	259.97
0.000092	200.	200.	200.	0	0	0	0.00	640.03	900.00

*SECNO 3690.000
3280 CROSS SECTION 3690.00 EXTENDED 1.90 FEET

3690.00	11.49	611.89	C.00	0.00	611.93	0.04	0.01	0.01	608.20
1870.	627.	620.	623.	735.	236.	799.	170.	47.	608.10
0.84	0.85	2.62	0.78	0.070	0.035	0.070	0.000	600.40	160.03
0.000297	49.	49.	49.	1	0	0	0.00	539.97	700.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3692.000
3280 CROSS SECTION 3692.00 EXTENDED 1.92 FEET

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.00 MAX ELLC= 605.70									
3692.00	11.52	611.92	0.00	0.00	611.94	0.02	0.00	0.01	608.20
1870.	804.	341.	725.	740.	190.	761.	170.	47.	608.10
0.84	1.09	1.80	0.95	0.070	0.035	0.070	0.000	600.40	159.52
0.000480	2.	2.	2.	2	0	0	-89.75	540.48	700.00
*SECNO 3703.000									
3280 CROSS SECTION 3703.00 EXTENDED 1.92 FEET									
3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 607.80 MAX ELLC= 605.70									
3703.00	11.52	611.92	0.00	0.00	611.94	0.02	0.01	0.00	608.20
1870.	804.	340.	725.	741.	190.	763.	171.	47.	608.10
0.84	1.09	1.79	0.95	0.070	0.035	0.070	0.000	600.40	159.39
0.000478	11.	11.	11.	0	0	0	-89.75	540.61	700.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 3705.000									
3280 CROSS SECTION 3705.00 EXTENDED 1.92 FEET									
3705.00	11.51	611.91	0.00	0.00	611.95	0.04	0.00	0.01	608.20
1870.	628.	618.	624.	739.	237.	804.	171.	47.	608.10
0.84	0.85	2.61	0.78	0.070	0.035	0.070	0.000	600.40	159.53
0.000293	2.	2.	2.	1	0	0	0.00	540.47	700.00
*SECNO 3754.000									
3280 CROSS SECTION 3754.00 EXTENDED 1.94 FEET									
UPSTREAM OF DIRT RD.									
3754.00	11.75	611.95	0.00	0.00	611.96	0.01	0.01	0.00	606.70
1870.	675.	461.	734.	1125.	282.	1316.	173.	48.	606.10
0.86	0.60	1.63	0.56	0.070	0.035	0.070	0.000	600.20	259.56
0.000090	49.	49.	49.	1	0	0	0.00	640.44	900.00
*SECNO 3854.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 3854.00 EXTENDED 1.94 FEET

DOWNSTREAM OF PRIVATE BRIDGE

3854.00	12.04	611.94	0.00	0.00	611.98	0.04	0.01	0.01	608.00
1870.	354.	872.	644.	605.	390.	946.	179.	49.	606.50
0.88	0.59	2.24	0.68	0.070	0.035	0.070	0.000	599.90	269.63
0.000173	100.	100.	100.	2	0	0	0.00	530.37	800.00

*SECNO 3903.000

3280 CROSS SECTION 3903.00 EXTENDED 1.95 FEET

3903.00	11.34	611.94	0.00	0.00	612.00	0.06	0.01	0.01	608.70
1870.	528.	657.	685.	626.	213.	789.	181.	50.	608.70
0.89	0.84	3.08	0.87	0.070	0.035	0.070	0.000	600.60	144.35
0.000416	49.	49.	49.	0	0	0	0.00	555.65	700.00

CCHV= 0.300 CEHV= 0.500

*SECNO 3905.000

3280 CROSS SECTION 3905.00 EXTENDED 1.99 FEET

3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80

3905.00	11.39	611.99	0.00	0.00	612.01	0.03	0.00	0.01	608.70
1870.	665.	338.	867.	629.	173.	799.	181.	50.	608.70
0.89	1.06	1.96	1.08	0.070	0.035	0.070	0.000	600.60	143.28
0.000638	2.	2.	2.	2	0	0	-47.99	556.72	700.00

*SECNO 3915.000

3280 CROSS SECTION 3915.00 EXTENDED 1.99 FEET

3370 NORMAL BRIDGE,NRD= 9 MIN ELTRD= 608.30 MAX ELLC= 606.80

3915.00	11.39	611.99	0.00	0.00	612.02	0.03	0.01	0.00	608.70
1870.	666.	338.	867.	630.	173.	801.	181.	50.	608.70
0.89	1.06	1.95	1.08	0.070	0.035	0.070	0.000	600.60	143.13
0.000635	10.	10.	10.	0	0	0	-48.03	556.87	700.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 3917.000
3280 CROSS SECTION 3917.00 EXTENDED 1.97 FEET

3917.00	11.37	611.97	0.00	0.00	612.03	0.06	0.00	0.01	608.70
1870.	530.	653.	687.	632.	214.	795.	181.	50.	608.70
0.89	0.84	3.06	0.86	0.070	0.035	0.070	0.000	600.60	143.72
0.000408	2.	2.	2.	2	0	0	0.00	556.28	700.00

*SECNO 3966.000
3280 CROSS SECTION 3966.00 EXTENDED 2.00 FEET

UPSTREAM OF PRIVATE BRIDGE

3966.00	12.10	612.00	0.00	0.00	612.04	0.04	0.01	0.00	608.00
1870.	358.	865.	647.	618.	392.	960.	183.	51.	606.50
0.90	0.58	2.20	0.67	0.070	0.035	0.070	0.000	599.90	267.89
0.000166	49.	49.	49.	0	0	0	0.00	532.11	800.00

*SECNO 4466.000
3280 CROSS SECTION 4466.00 EXTENDED 2.30 FEET

DOWNSTREAM OF PENNSYLVANIA RD.

4466.00	11.20	612.10	0.00	0.00	612.11	0.02	0.07	0.00	607.40
1870.	1047.	577.	246.	1843.	329.	489.	210.	58.	608.00
1.05	0.57	1.75	0.50	0.070	0.035	0.070	0.000	600.90	0.00
0.000122	500.	500.	500.	2	0	0	0.00	700.00	700.00

*SECNO 4515.000
3280 CROSS SECTION 4515.00 EXTENDED 3.40 FEET

4515.00	10.81	612.11	0.00	0.00	612.12	0.02	0.01	0.00	608.30
1870.	878.	515.	477.	1437.	310.	944.	213.	59.	608.70
1.06	0.61	1.66	0.51	0.070	0.035	0.070	0.000	601.30	0.00
0.000152	49.	49.	49.	0	0	0	0.00	800.00	800.00

CCHV= 0.300 CEHV= 0.500
*SECNO 4517.000
3280 CROSS SECTION 4517.00 EXTENDED 3.41 FEET

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 608.70 MAX ELLC= 607.40									
4517.00	10.81	612.11	0.00	0.00	612.12	0.01	0.00	0.00	608.30
1870.	989.	320.	561.	1183.	223.	803.	213.	59.	608.70
1.07	0.84	1.44	0.70	0.070	0.035	0.070	0.000	601.30	0.00
0.000368	2.	2.	2.	0	0	0	-483.80	800.00	800.00
*SECNO 4568.000									
3280 CROSS SECTION 4568.00 EXTENDED 3.42 FEET									
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 609.60 MAX ELLC= 607.40									
4568.00	10.83	612.13	0.00	0.00	612.14	0.01	0.02	0.00	608.30
1870.	989.	319.	562.	1189.	223.	809.	216.	60.	608.70
1.08	0.83	1.43	0.70	0.070	0.035	0.070	0.000	601.30	0.00
0.000361	51.	51.	51.	0	0	0	-483.80	800.00	800.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 4570.000									
3280 CROSS SECTION 4570.00 EXTENDED 3.43 FEET									
4570.00	10.83	612.13	0.00	0.00	612.14	0.02	0.00	0.00	608.30
1870.	879.	512.	479.	1447.	311.	953.	216.	60.	608.70
1.08	0.61	1.65	0.50	0.070	0.035	0.070	0.000	601.30	0.00
0.000149	2.	2.	2.	0	0	0	0.00	800.00	800.00
*SECNO 4619.000									
3280 CROSS SECTION 4619.00 EXTENDED 2.34 FEET									
UPSTREAM OF PENNSYLVANIA RD.									
4619.00	11.23	612.13	0.00	0.00	612.15	0.02	0.01	0.00	607.40
1870.	1050.	573.	247.	1865.	331.	495.	219.	60.	608.00
1.10	0.56	1.73	0.50	0.070	0.035	0.070	0.000	600.90	0.00
0.000118	49.	49.	49.	0	0	0	0.00	700.00	700.00
*SECNO 5019.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3280 CROSS SECTION	5019.00 EXTENDED		1.16 FEET						
5019.00	9.86	612.16	0.00	0.00	612.25	0.09	0.08	0.02	604.50
1870.	640.	766.	463.	741.	207.	605.	238.	67.	605.00
1.15	0.86	3.70	0.77	0.070	0.035	0.070	0.000	602.30	80.01
0.000418	400.	400.	400.	2	0	0	0.00	719.99	800.00
*SECNO 5519.000									
3280 CROSS SECTION	5519.00 EXTENDED		1.40 FEET						
DOWNSTREAM OF PENNSYLVANIA RD.									
5519.00	10.20	612.40	0.00	0.00	612.50	0.10	0.25	0.00	606.90
1870.	778.	980.	112.	670.	289.	187.	254.	74.	611.80
1.21	1.16	3.40	0.60	0.070	0.035	0.070	0.000	602.20	262.51
0.000590	500.	500.	500.	2	0	0	0.00	437.49	700.00
*SECNO 5568.000									
3280 CROSS SECTION	5568.00 EXTENDED		2.37 FEET						
5568.00	11.17	612.37	0.00	0.00	612.58	0.21	0.04	0.03	611.10
1870.	409.	1058.	403.	464.	219.	404.	255.	74.	611.20
1.22	0.88	4.84	1.00	0.070	0.035	0.070	0.000	601.20	0.00
0.001319	49.	49.	49.	2	0	0	0.00	700.00	700.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 5570.000									
3280 CROSS SECTION	5570.00 EXTENDED		2.55 FEET						
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 610.80 MAX ELLC= 611.40									
5570.00	11.34	612.54	0.00	0.00	612.62	0.08	0.00	0.04	611.10
1870.	648.	609.	613.	537.	177.	455.	255.	74.	611.20
1.22	1.21	3.43	1.35	0.070	0.035	0.070	0.000	601.20	0.00
0.002067	2.	2.	2.	2	0	0	-45.00	700.00	700.00
*SECNO 5628.000									
3280 CROSS SECTION	5628.00 EXTENDED		2.67 FEET						

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 611.10 MAX ELLC= 608.90									
5628.00	11.47	612.67	0.00	0.00	612.73	0.06	0.11	0.00	611.10
1870.	677.	566.	627.	586.	180.	489.	257.	75.	611.20
1.23	1.16	3.15	1.28	0.070	0.035	0.070	0.000	601.20	0.00
0.001707	58.	58.	58.	2	0	0	-45.00	700.00	700.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 5630.000									
3280 CROSS SECTION 5630.00 EXTENDED 2.62 FEET									
5630.00	11.42	612.62	0.00	0.00	612.76	0.14	0.00	0.02	611.10
1870.	480.	942.	448.	564.	224.	474.	257.	75.	611.20
1.23	0.85	4.21	0.95	0.070	0.035	0.070	0.000	601.20	0.00
0.000969	2.	2.	2.	2	0	0	0.00	700.00	700.00
*SECNO 5679.000									
3280 CROSS SECTION 5679.00 EXTENDED 1.72 FEET									
UPSTREAM OF PENNSYLVANIA RD.									
5679.00	10.52	612.72	0.00	0.00	612.80	0.08	0.03	0.01	606.90
1870.	795.	932.	143.	747.	303.	236.	258.	76.	611.80
1.23	1.06	3.08	0.61	0.070	0.035	0.070	0.000	602.20	252.59
0.000454	49.	49.	49.	2	0	0	0.00	447.41	700.00
*SECNO 6579.000									
3280 CROSS SECTION 6579.00 EXTENDED 1.68 FEET									
3470 ENCROACHMENT STATIONS= 365.0 470.0 TYPE= 1 TARGET= 105.000									
DOWNSTREAM OF BEECH DALY RD.									
6579.00	10.48	613.18	0.00	0.00	613.54	0.37	0.66	0.09	609.90
1870.	223.	1325.	322.	128.	234.	167.	277.	82.	609.10
1.29	1.74	5.66	1.93	0.070	0.035	0.070	0.000	602.70	365.00
0.001380	900.	900.	900.	2	0	0	0.00	105.00	470.00
*SECNO 6628.000									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3263 DIVIDED FLOW

3280 CROSS SECTION 6628.00 EXTENDED 0.25 FEET

6628.00	10.85	613.25	0.00	0.00	613.61	0.37	0.07	0.00	613.40
1870.	16.	1832.	22.	34.	373.	51.	277.	82.	613.10
1.29	0.46	4.91	0.43	0.070	0.035	0.070	0.000	602.40	211.51
0.001476	49.	49.	49.	2	0	0	0.00	280.27	500.00

CCHV= 0.300 CEHV= 0.500
*SECNO 6630.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 613.40

6630.00	10.52	612.92	609.07	0.00	613.95	1.03	0.01	0.33	613.40
1870.	15.	1848.	7.	13.	226.	10.	277.	82.	613.10
1.29	1.16	8.18	0.66	0.070	0.035	0.070	0.000	602.40	226.12
0.017892	2.	2.	2.	8	15	0	-126.71	204.95	478.86

*SECNO 6702.000
3280 CROSS SECTION 6702.00 EXTENDED 1.62 FEET

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.20 MAX ELLC= 610.00

3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000

6702.00	12.22	614.62	0.00	0.00	614.84	0.22	0.65	0.24	613.40
1870.	264.	1329.	277.	117.	317.	124.	278.	82.	613.10
1.30	2.26	4.19	2.24	0.070	0.035	0.070	0.000	602.40	235.00
0.005369	72.	72.	72.	3	0	0	-145.60	200.00	435.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 6704.000
3280 CROSS SECTION 6704.00 EXTENDED 1.65 FEET

3470 ENCROACHMENT STATIONS= 235.0 435.0 TYPE= 1 TARGET= 200.000

6704.00	12.26	614.66	0.00	0.00	614.84	0.18	0.00	0.00	613.40
1870.	91.	1683.	96.	119.	465.	126.	278.	82.	613.10
1.30	0.77	3.62	0.76	0.070	0.035	0.070	0.000	602.40	235.00
0.000606	2.	2.	2.	1	0	0	0.00	200.00	435.00

*SECNO 6753.000
3280 CROSS SECTION 6753.00 EXTENDED 3.34 FEET

3470 ENCROACHMENT STATIONS= 270.0 565.0 TYPE= 1 TARGET= 295.000
UPSTREAM OF BEECH DALY RD.

6753.00	12.14	614.84	0.00	0.00	614.87	0.03	0.01	0.02	609.90
1870.	539.	632.	699.	673.	286.	804.	279.	82.	609.10
1.31	0.80	2.21	0.87	0.070	0.035	0.070	0.000	602.70	270.00
0.000162	49.	49.	49.	2	0	0	0.00	295.00	565.00

*SECNO 7753.000
3280 CROSS SECTION 7753.00 EXTENDED 2.07 FEET

7753.00	12.27	614.97	0.00	0.00	614.99	0.01	0.11	0.00	609.60
1870.	622.	558.	691.	1502.	346.	1469.	338.	97.	610.40
1.66	0.41	1.61	0.47	0.070	0.035	0.070	0.000	602.70	0.00
0.000082	1000.	1000.	1000.	2	0	0	0.00	1000.00	1000.00

*SECNO 8453.000
3280 CROSS SECTION 8453.00 EXTENDED 1.25 FEET

8453.00	11.34	615.04	0.00	0.00	615.09	0.05	0.09	0.01	610.90
1870.	309.	707.	854.	436.	269.	1126.	379.	110.	610.00
1.79	0.71	2.63	0.76	0.070	0.035	0.070	0.000	603.70	291.35
0.000255	700.	700.	700.	1	0	0	0.00	608.65	900.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 8953.000									
8953.00	9.89	615.19	0.00	0.00	615.25	0.05	0.15	0.00	612.50
1870.	324.	678.	868.	429.	238.	977.	399.	117.	612.20
1.88	0.76	2.85	0.89	0.070	0.035	0.070	0.000	605.30	272.28
0.000379	500.	500.	500.	2	0	0	0.00	602.53	874.81
*SECNO 10300.000									
3280 CROSS SECTION 10300.00 EXTENDED 2.07 FEET									
DOWNSTREAM OF FARM BRIDGE									
10300.00	9.27	615.57	0.00	0.00	615.58	0.02	0.33	0.00	613.70
1870.	925.	427.	518.	1400.	232.	957.	464.	139.	613.20
2.30	0.66	1.84	0.54	0.070	0.035	0.070	0.000	606.30	0.00
0.000175	1347.	1347.	1347.	2	0	0	0.00	800.00	800.00
*SECNO 10349.000									
3280 CROSS SECTION 10349.00 EXTENDED 2.08 FEET									
10349.00	9.17	615.57	0.00	0.00	615.59	0.02	0.01	0.00	612.40
1870.	569.	915.	386.	1166.	626.	1022.	468.	140.	612.80
2.31	0.49	1.46	0.38	0.070	0.035	0.070	0.000	606.40	0.00
0.000104	49.	49.	49.	0	0	0	0.00	900.00	900.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 10351.000									
3280 CROSS SECTION 10351.00 EXTENDED 2.07 FEET									
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 613.50 MAX ELLC= 614.00									
10351.00	9.17	615.57	0.00	0.00	615.60	0.03	0.00	0.01	612.40
1870.	616.	932.	322.	995.	512.	748.	468.	140.	612.80
2.31	0.62	1.82	0.43	0.070	0.035	0.070	0.000	606.40	0.00
0.000906	2.	2.	2.	0	0	0	-552.70	900.00	900.00
*SECNO 10364.000									
3280 CROSS SECTION 10364.00 EXTENDED 2.08 FEET									

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 614.40 MAX ELLC= 613.40									
10364.00	9.18	615.58	0.00	0.00	615.61	0.03	0.01	0.00	612.40
1870.	616.	931.	322.	996.	512.	749.	468.	140.	612.80
2.31	0.62	1.82	0.43	0.070	0.035	0.070	0.000	606.40	0.00
0.000904	13.	13.	13.	0	0	0	-552.70	900.00	900.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 10366.000									
3280 CROSS SECTION 10366.00 EXTENDED 2.08 FEET									
10366.00	9.19	615.59	0.00	0.00	615.61	0.02	0.00	0.00	612.40
1870.	569.	915.	386.	1166.	626.	1023.	468.	140.	612.80
2.31	0.49	1.46	0.38	0.070	0.035	0.070	0.000	606.40	0.00
0.000104	2.	2.	2.	0	0	0	0.00	900.00	900.00
*SECNO 10415.000									
3280 CROSS SECTION 10415.00 EXTENDED 2.11 FEET									
UPSTREAM OF FARM BRIDGE									
10415.00	9.30	615.60	0.00	0.00	615.62	0.02	0.01	0.00	613.70
1870.	925.	424.	521.	1416.	234.	972.	472.	141.	613.20
2.33	0.65	1.81	0.54	0.070	0.035	0.070	0.000	606.30	0.00
0.000168	49.	49.	49.	1	0	0	0.00	800.00	800.00
*SECNO 10765.000									
3280 CROSS SECTION 10765.00 EXTENDED 2.46 FEET									
DOWNSTREAM OF WALK BRIDGE									
10765.00	8.47	615.67	0.00	0.00	615.70	0.04	0.08	0.01	612.90
1870.	1029.	550.	291.	1231.	218.	468.	490.	147.	613.10
2.40	0.84	2.52	0.62	0.070	0.035	0.070	0.000	607.20	0.00
0.000333	350.	350.	350.	1	0	0	0.00	715.81	715.81
*SECNO 10814.000									
3280 CROSS SECTION 10814.00 EXTENDED 2.18 FEET									
10814.00	8.57	615.67	0.00	0.00	615.73	0.06	0.02	0.01	613.70
1870.	1072.	640.	159.	1047.	203.	248.	492.	148.	613.50
2.41	1.02	3.16	0.64	0.070	0.035	0.070	0.000	607.10	0.00
0.000635	49.	49.	49.	0	0	0	0.00	667.98	667.98

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 10816.000
3280 CROSS SECTION 10816.00 EXTENDED 2.22 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 612.40 MAX ELLC= 612.80

10316.00	8.62	615.72	0.00	0.00	615.75	0.03	0.00	0.01	613.70
1870.	1322.	348.	200.	1061.	176.	257.	492.	148.	613.50
2.41	1.25	1.98	0.78	C.070	0.035	0.070	0.000	607.10	0.00
0.000924	2.	2.	2.	2	0	0	-28.10	671.57	671.57

*SECNO 10824.000
3280 CROSS SECTION 10824.00 EXTENDED 2.22 FEET

3370 NORMAL BRIDGE,NRD= 10 MIN ELTRD= 613.10 MAX ELLC= 612.80

10824.00	8.62	615.72	0.00	0.00	615.75	0.03	0.01	0.00	613.70
1870.	1322.	347.	201.	1064.	176.	258.	492.	148.	613.50
2.41	1.24	1.97	0.78	0.070	0.035	0.070	0.000	607.10	0.00
0.000917	8.	8.	8.	0	0	0	-28.10	672.19	672.19

CCHV= 0.100 CEHV= 0.300
*SECNO 10826.000
3280 CROSS SECTION 10826.00 EXTENDED 2.20 FEET

10826.00	8.60	615.70	0.00	0.00	615.76	0.06	0.00	0.01	613.70
1870.	1073.	636.	161.	1056.	203.	253.	492.	148.	613.50
2.42	1.02	3.12	0.64	0.070	0.035	0.070	0.000	607.10	0.00
0.000619	2.	2.	2.	2	0	0	0.00	670.23	670.23

*SECNO 10875.000
3280 CROSS SECTION 10875.00 EXTENDED 2.55 FEET

UPSTREAM OF WALK BRIDGE

10875.00	8.55	615.75	0.00	0.00	615.79	0.03	0.02	0.00	612.90
1870.	1016.	548.	305.	1243.	221.	493.	494.	149.	613.10
2.43	0.82	2.48	0.62	0.070	0.035	0.070	0.000	607.20	0.00
0.000317	49.	49.	49.	1	0	0	0.00	724.62	724.62

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 11175.000									
3280 CROSS SECTION 11175.00 EXTENDED 2.65 FEET									
DOWNSTREAM OF PENNSYLVANIA RD.									
11175.00	8.65	615.85	0.00	0.00	615.88	0.03	0.09	0.00	612.90
1870.	1034.	526.	310.	1306.	224.	523.	508.	154.	613.10
2.50	0.79	2.35	0.59	0.070	0.035	0.070	0.000	607.20	0.00
0.000277	300.	300.	300.	2	0	0	0.00	734.61	734.61
*SECNO 11224.000									
11224.00	8.99	615.79	0.00	0.00	615.92	0.13	0.02	0.03	613.70
1870.	214.	1656.	0.	361.	540.	0.	509.	155.	616.00
2.50	0.59	3.07	0.00	0.070	0.035	0.070	0.000	606.80	83.09
0.000389	49.	49.	49.	2	0	0	0.00	386.83	469.92
CCHV= 0.300 CEHV= 0.500									
*SECNO 11226.000									
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 616.90									
11226.00	9.00	615.80	0.00	0.00	615.92	0.13	0.00	0.00	613.70
1870.	313.	1557.	0.	361.	501.	0.	510.	155.	616.00
2.50	0.87	3.11	0.00	0.070	0.035	0.070	0.000	606.80	82.83
0.000832	2.	2.	2.	0	0	0	-38.85	387.09	469.92
*SECNO 11299.000									
3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 616.90 MAX ELLC= 615.50									
11299.00	9.06	615.86	0.00	0.00	615.99	0.12	0.06	0.00	613.70
1870.	333.	1537.	0.	385.	502.	0.	511.	155.	616.00
2.51	0.87	3.05	0.00	0.070	0.035	0.070	0.000	606.80	54.09
0.000816	73.	73.	73.	2	0	0	-42.23	415.86	469.95
CCHV= 0.100 CEHV= 0.300									
*SECNO 11301.000									
11301.00	9.06	615.86	0.00	0.00	615.99	0.13	0.00	0.00	613.70
1870.	226.	1644.	0.	385.	545.	0.	511.	155.	616.00
2.51	0.59	3.02	0.00	0.070	0.035	0.070	0.000	606.80	53.43
0.000372	2.	2.	2.	0	0	0	0.00	416.51	469.95

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11350.000
3280 CROSS SECTION 11350.00 EXTENDED 2.79 FEET

UPSTREAM OF PENNSYLVANIA RD.

11350.00	8.79	615.99	0.00	0.00	616.01	0.03	0.01	0.01	612.90
1870.	1037.	510.	323.	1362.	229.	566.	513.	156.	613.10
2.52	0.76	2.23	0.57	0.070	0.035	0.070	0.000	607.20	0.00
0.000243	49.	49.	49.	2	0	0	0.00	748.59	748.59

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THIS RUN EXECUTED 15 AUG 84 10:36:56

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

10-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	606.30	0.00	606.35	75.12	0.00	738.00	0.00	0.00	0.00	400.00	480.00	0.00
0.000	607.70	0.00	607.78	123.75	3.38	1148.61	0.01	0.00	0.00	400.00	480.00	0.00
0.000	608.10	0.00	608.20	261.25	10.48	1348.40	1.12	0.00	0.00	400.00	480.00	0.00
0.000	608.90	0.00	609.03	551.87	89.54	1763.18	17.27	0.00	0.00	400.00	480.00	0.00
49.000	606.33	0.00	606.36	130.83	0.00	737.21	0.79	0.00	0.00	400.00	490.00	0.00
49.000	607.75	0.00	607.79	445.72	5.89	1119.89	26.22	0.00	0.00	400.00	490.00	0.00
49.000	608.16	0.00	608.21	565.75	38.78	1279.19	42.03	0.00	0.00	400.00	490.00	0.00
49.000	608.98	0.00	609.04	581.10	187.96	1596.16	85.87	0.00	0.00	400.00	490.00	0.00
51.000	606.31	0.00	606.39	130.31	0.00	735.75	2.25	0.00	0.00	400.00	490.00	0.00
51.000	607.70	0.00	607.84	422.11	17.21	1028.14	106.66	0.00	0.00	400.00	490.00	0.00
51.000	608.12	0.00	608.25	565.08	119.93	1068.09	171.98	0.00	0.00	400.00	490.00	0.00
51.000	608.98	0.00	609.05	581.10	559.64	1010.88	299.48	0.00	0.00	400.00	490.00	0.00
220.000	606.55	0.00	606.63	135.19	0.00	730.70	7.30	0.00	0.00	400.00	490.00	0.00
220.000	608.16	0.00	608.25	565.82	112.27	890.94	148.79	0.00	0.00	400.00	490.00	0.00
220.000	608.60	0.00	608.67	573.87	281.93	862.55	215.52	0.00	0.00	400.00	490.00	0.00
220.000	609.37	0.00	609.42	588.22	681.90	950.08	238.02	0.00	0.00	400.00	490.00	0.00
222.000	606.61	0.00	606.64	136.37	0.00	735.41	2.59	0.00	0.00	400.00	490.00	0.00
222.000	608.22	0.00	608.25	566.82	38.00	1077.12	36.88	0.00	0.00	400.00	490.00	0.00
222.000	608.63	0.00	608.67	574.57	93.59	1212.33	54.09	0.00	0.00	400.00	490.00	0.00
222.000	609.37	0.00	609.42	588.31	251.79	1520.35	97.86	0.00	0.00	400.00	490.00	0.00
271.000	606.60	0.00	606.65	77.03	0.00	738.00	0.00	0.00	0.00	400.00	480.00	0.00
271.000	608.20	0.00	608.27	318.04	12.01	1138.47	1.52	0.00	0.00	400.00	480.00	0.00
271.000	608.61	0.00	608.69	398.63	40.03	1312.99	6.98	0.00	0.00	400.00	480.00	0.00
271.000	609.34	0.00	609.44	571.30	162.75	1675.59	31.67	0.00	0.00	400.00	480.00	0.00
1071.000	606.79	0.00	606.96	50.00	23.83	705.33	8.84	50.00	490.00	500.00	530.00	540.00
1071.000	608.37	0.00	608.63	50.00	50.86	1071.47	29.67	50.00	490.00	500.00	530.00	540.00
1071.000	608.79	0.00	609.11	50.00	63.05	1257.95	38.99	50.00	490.00	500.00	530.00	540.00
1071.000	609.51	0.00	610.02	50.00	92.58	1715.66	61.76	50.00	490.00	500.00	530.00	540.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1120.000	606.76	0.00	607.07	24.00	0.00	738.00	0.00	0.00	0.00	400.00	424.00	0.00
1120.000	608.30	0.00	608.80	24.00	0.00	1152.00	0.00	0.00	0.00	400.00	424.00	0.00
1120.000	608.69	0.00	609.33	24.00	0.00	1360.00	0.00	0.00	0.00	400.00	424.00	0.00
1120.000	609.33	0.00	610.39	24.00	0.00	1870.00	0.00	0.00	0.00	400.00	424.00	0.00
1182.000	607.35	0.00	607.62	24.00	0.00	738.00	0.00	0.00	0.00	400.00	424.00	0.00
1182.000	609.85	0.00	610.20	107.32	0.01	1143.79	8.20	0.00	0.00	400.00	424.00	0.00
1182.000	610.34	0.00	610.75	188.92	6.57	1311.32	42.11	0.00	0.00	400.00	424.00	0.00
1182.000	610.93	0.00	611.50	261.72	49.15	1681.94	138.91	0.00	0.00	400.00	424.00	0.00
1231.000	607.61	0.00	607.70	229.63	104.18	601.71	32.11	290.00	370.00	500.00	530.00	660.00
1231.000	610.28	0.00	610.31	290.00	327.97	630.03	194.00	290.00	370.00	500.00	530.00	660.00
1231.000	610.83	0.00	610.87	290.00	406.68	696.10	257.23	290.00	370.00	500.00	530.00	660.00
1231.000	611.62	0.00	611.67	290.00	588.54	882.15	399.31	290.00	370.00	500.00	530.00	660.00
2131.000	607.88	0.00	607.94	323.62	134.11	526.22	77.68	0.00	0.00	500.00	534.00	0.00
2131.000	610.38	0.00	610.40	751.11	399.37	496.12	256.51	0.00	0.00	500.00	534.00	0.00
2131.000	610.94	0.00	610.96	765.80	518.33	522.14	319.53	0.00	0.00	500.00	534.00	0.00
2131.000	611.75	0.00	611.77	787.04	788.56	618.24	463.20	0.00	0.00	500.00	534.00	0.00
3331.000	608.22	0.00	608.27	312.86	76.06	466.30	195.64	0.00	0.00	500.00	535.00	0.00
3331.000	610.49	0.00	610.51	606.67	206.43	460.71	484.85	0.00	0.00	500.00	535.00	0.00
3331.000	611.04	0.00	611.05	646.12	266.00	491.42	602.58	0.00	0.00	500.00	535.00	0.00
3331.000	611.85	0.00	611.87	706.42	409.01	591.91	869.07	0.00	0.00	500.00	535.00	0.00
3380.000	608.19	0.00	608.31	204.92	0.20	683.94	53.87	0.00	0.00	400.00	442.00	0.00
3380.000	610.48	0.00	610.52	606.56	104.55	627.46	419.98	0.00	0.00	400.00	442.00	0.00
3380.000	611.03	0.00	611.06	645.74	161.63	654.18	544.20	0.00	0.00	400.00	442.00	0.00
3380.000	611.85	0.00	611.88	706.96	293.54	765.64	810.82	0.00	0.00	400.00	442.00	0.00
3382.000	608.14	0.00	608.36	196.77	0.30	590.28	147.42	0.00	0.00	400.00	442.00	0.00
3382.000	610.51	0.00	610.52	607.84	179.64	255.55	716.81	0.00	0.00	400.00	442.00	0.00
3382.000	611.06	0.00	611.07	646.89	253.04	258.78	848.17	0.00	0.00	400.00	442.00	0.00
3382.000	611.87	0.00	611.88	709.04	419.13	297.58	1153.29	0.00	0.00	400.00	442.00	0.00
3390.000	608.20	0.00	608.40	206.90	0.65	579.93	157.42	0.00	0.00	400.00	442.00	0.00
3390.000	610.51	0.00	610.53	608.01	179.81	255.36	716.83	0.00	0.00	400.00	442.00	0.00
3390.000	611.06	0.00	611.07	647.02	253.17	258.67	848.17	0.00	0.00	400.00	442.00	0.00
3390.000	611.87	0.00	611.89	709.24	419.27	297.48	1153.24	0.00	0.00	400.00	442.00	0.00
3392.000	608.29	0.00	608.41	243.22	0.63	674.91	62.45	0.00	0.00	400.00	442.00	0.00
3392.000	610.50	0.00	610.53	607.66	105.50	625.16	421.34	0.00	0.00	400.00	442.00	0.00
3392.000	611.05	0.00	611.08	646.69	162.52	652.31	545.17	0.00	0.00	400.00	442.00	0.00
3392.000	611.86	0.00	611.89	708.65	294.73	763.72	811.55	0.00	0.00	400.00	442.00	0.00
3441.000	608.39	0.00	608.43	335.84	81.61	449.46	206.93	0.00	0.00	500.00	535.00	0.00
3441.000	610.52	0.00	610.54	608.18	207.18	458.84	485.98	0.00	0.00	500.00	535.00	0.00
3441.000	611.07	0.00	611.08	647.05	266.51	490.31	603.18	0.00	0.00	500.00	535.00	0.00
3441.000	611.88	0.00	611.90	709.15	410.25	589.90	869.85	0.00	0.00	500.00	535.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3641.000	608.46	0.00	608.48	369.09	183.96	314.16	239.88	0.00	0.00	500.00	530.00	0.00
3641.000	610.55	0.00	610.56	624.08	399.32	348.68	404.01	0.00	0.00	500.00	530.00	0.00
3641.000	611.09	0.00	611.10	630.44	482.15	378.38	499.46	0.00	0.00	500.00	530.00	0.00
3641.000	611.90	0.00	611.92	640.03	674.70	463.51	731.79	0.00	0.00	500.00	530.00	0.00
3690.000	608.31	0.00	608.57	234.99	55.99	658.24	23.77	0.00	0.00	400.00	424.00	0.00
3690.000	610.52	0.00	610.58	500.62	326.51	550.87	274.62	0.00	0.00	400.00	424.00	0.00
3690.000	611.07	0.00	611.12	516.30	420.19	554.42	385.39	0.00	0.00	400.00	424.00	0.00
3690.000	611.89	0.00	611.93	539.97	627.11	620.19	622.70	0.00	0.00	400.00	424.00	0.00
3692.000	608.22	0.00	608.67	227.87	130.20	596.03	11.76	0.00	0.00	400.00	424.00	0.00
3692.000	610.56	0.00	610.59	501.70	485.83	323.58	342.59	0.00	0.00	400.00	424.00	0.00
3692.000	611.10	0.00	611.12	517.17	580.46	313.59	465.95	0.00	0.00	400.00	424.00	0.00
3692.000	611.92	0.00	611.94	540.48	804.35	340.55	725.10	0.00	0.00	400.00	424.00	0.00
3703.000	608.61	0.00	608.83	260.60	196.83	491.35	49.82	0.00	0.00	400.00	424.00	0.00
3703.000	610.57	0.00	610.60	501.89	485.95	322.73	343.32	0.00	0.00	400.00	424.00	0.00
3703.000	611.11	0.00	611.13	517.31	580.50	313.07	466.43	0.00	0.00	400.00	424.00	0.00
3703.000	611.92	0.00	611.94	540.61	804.38	340.18	725.44	0.00	0.00	400.00	424.00	0.00
3705.000	608.65	0.00	608.84	264.76	88.47	601.66	47.87	0.00	0.00	400.00	424.00	0.00
3705.000	610.55	0.00	610.61	501.75	329.01	544.25	278.74	0.00	0.00	400.00	424.00	0.00
3705.000	611.09	0.00	611.14	517.17	421.81	549.80	388.40	0.00	0.00	400.00	424.00	0.00
3705.000	611.91	0.00	611.95	540.47	627.97	617.74	624.29	0.00	0.00	400.00	424.00	0.00
3754.000	608.85	0.00	608.87	381.02	202.30	291.24	244.46	0.00	0.00	500.00	530.00	0.00
3754.000	610.61	0.00	610.62	624.79	400.62	345.33	406.05	0.00	0.00	500.00	530.00	0.00
3754.000	611.14	0.00	611.15	631.02	482.87	375.59	501.54	0.00	0.00	500.00	530.00	0.00
3754.000	611.95	0.00	611.96	640.44	675.05	461.36	733.59	0.00	0.00	500.00	530.00	0.00
3854.000	608.82	0.00	608.91	354.07	19.09	630.16	88.74	0.00	0.00	500.00	546.00	0.00
3854.000	610.60	0.00	610.64	483.98	148.53	677.25	326.23	0.00	0.00	500.00	546.00	0.00
3854.000	611.13	0.00	611.17	504.19	209.22	724.64	426.13	0.00	0.00	500.00	546.00	0.00
3854.000	611.94	0.00	611.98	530.37	354.33	871.65	644.02	0.00	0.00	500.00	546.00	0.00
3903.000	608.63	0.00	609.05	67.64	0.48	737.52	0.00	0.00	0.00	400.00	421.00	0.00
3903.000	610.57	0.00	610.68	516.16	218.90	646.63	286.47	0.00	0.00	400.00	421.00	0.00
3903.000	611.12	0.00	611.19	531.88	319.32	620.47	420.21	0.00	0.00	400.00	421.00	0.00
3903.000	611.94	0.00	612.00	555.65	528.11	657.21	684.68	0.00	0.00	400.00	421.00	0.00
3905.000	608.43	0.00	609.27	21.00	0.00	738.00	0.00	0.00	0.00	400.00	421.00	0.00
3905.000	610.66	0.00	610.70	518.78	341.40	362.31	448.28	0.00	0.00	400.00	421.00	0.00
3905.000	611.18	0.00	611.21	533.66	443.64	331.38	584.98	0.00	0.00	400.00	421.00	0.00
3905.000	611.99	0.00	612.01	556.72	665.29	338.18	866.53	0.00	0.00	400.00	421.00	0.00
3915.000	608.63	0.00	609.43	62.45	1.00	737.00	0.00	0.00	0.00	400.00	421.00	0.00
3915.000	610.67	0.00	610.71	519.05	342.16	360.45	449.39	0.00	0.00	400.00	421.00	0.00
3915.000	611.19	0.00	611.22	533.85	444.06	330.42	585.52	0.00	0.00	400.00	421.00	0.00
3915.000	611.99	0.00	612.02	556.87	665.57	337.62	866.80	0.00	0.00	400.00	421.00	0.00

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SECNO	CWSEL	DIFKWS	ES	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3917.000	609.20	0.00	609.49	338.74	26.55	693.46	18.00	0.00	0.00	400.00	421.00	0.00
3917.000	610.63	0.00	610.73	518.01	225.82	630.10	296.08	0.00	0.00	400.00	421.00	0.00
3917.000	611.16	0.00	611.23	533.08	323.26	611.45	425.28	0.00	0.00	400.00	421.00	0.00
3917.000	611.97	0.00	612.03	556.28	530.03	653.20	686.77	0.00	0.00	400.00	421.00	0.00
3966.000	609.49	0.00	609.53	413.87	49.63	546.95	141.42	0.00	0.00	500.00	546.00	0.00
3966.000	610.72	0.00	610.75	488.63	154.90	662.32	334.79	0.00	0.00	500.00	546.00	0.00
3966.000	611.21	0.00	611.25	506.82	214.58	714.17	431.25	0.00	0.00	500.00	546.00	0.00
3966.000	612.00	0.00	612.04	532.11	358.30	864.65	647.05	0.00	0.00	500.00	546.00	0.00
4466.000	609.61	0.00	609.65	647.06	264.71	438.04	35.26	0.00	0.00	500.00	542.00	0.00
4466.000	610.81	0.00	610.83	700.00	571.73	466.92	113.35	0.00	0.00	500.00	542.00	0.00
4466.000	611.30	0.00	611.32	700.00	715.90	489.90	154.19	0.00	0.00	500.00	542.00	0.00
4466.000	612.10	0.00	612.11	700.00	1047.21	577.11	245.69	0.00	0.00	500.00	542.00	0.00
4515.000	609.62	0.00	609.67	649.67	236.07	471.22	30.71	0.00	0.00	400.00	444.00	0.00
4515.000	610.82	0.00	610.84	800.00	509.63	445.28	197.08	0.00	0.00	400.00	444.00	0.00
4515.000	611.31	0.00	611.33	800.00	621.87	452.45	285.68	0.00	0.00	400.00	444.00	0.00
4515.000	612.11	0.00	612.12	800.00	878.39	514.58	477.04	0.00	0.00	400.00	444.00	0.00
4517.000	609.46	0.00	609.84	592.22	118.94	619.06	0.00	0.00	0.00	400.00	444.00	0.00
4517.000	610.82	0.00	610.84	800.00	616.77	314.19	221.04	0.00	0.00	400.00	444.00	0.00
4517.000	611.31	0.00	611.33	800.00	726.79	297.36	335.85	0.00	0.00	400.00	444.00	0.00
4517.000	612.11	0.00	612.12	800.00	988.87	320.21	560.92	0.00	0.00	400.00	444.00	0.00
4568.000	610.06	0.00	610.11	800.00	364.77	345.34	27.89	0.00	0.00	400.00	444.00	0.00
4568.000	610.87	0.00	610.89	800.00	616.93	307.96	227.11	0.00	0.00	400.00	444.00	0.00
4568.000	611.34	0.00	611.35	800.00	726.63	295.09	338.28	0.00	0.00	400.00	444.00	0.00
4568.000	612.13	0.00	612.14	800.00	988.65	318.96	562.38	0.00	0.00	400.00	444.00	0.00
4570.000	610.09	0.00	610.12	800.00	290.57	380.20	67.23	0.00	0.00	400.00	444.00	0.00
4570.000	610.87	0.00	610.89	800.00	511.87	437.85	202.28	0.00	0.00	400.00	444.00	0.00
4570.000	611.34	0.00	611.36	800.00	622.87	448.38	288.75	0.00	0.00	400.00	444.00	0.00
4570.000	612.13	0.00	612.14	800.00	878.87	511.97	479.16	0.00	0.00	400.00	444.00	0.00
4619.000	610.11	0.00	610.13	700.00	317.78	368.94	51.27	0.00	0.00	500.00	542.00	0.00
4619.000	610.88	0.00	610.90	700.00	577.96	457.68	116.36	0.00	0.00	500.00	542.00	0.00
4619.000	611.35	0.00	611.36	700.00	719.48	484.48	156.04	0.00	0.00	500.00	542.00	0.00
4619.000	612.13	0.00	612.15	700.00	1049.88	572.94	247.18	0.00	0.00	500.00	542.00	0.00
5019.000	610.13	0.00	610.24	308.53	175.89	516.91	45.20	0.00	0.00	500.00	522.00	0.00
5019.000	610.89	0.00	611.03	516.61	314.96	684.42	152.63	0.00	0.00	500.00	522.00	0.00
5019.000	611.36	0.00	611.48	594.33	403.19	707.79	249.01	0.00	0.00	500.00	522.00	0.00
5019.000	612.16	0.00	612.25	719.99	640.22	766.34	463.43	0.00	0.00	500.00	522.00	0.00
5519.000	610.40	0.00	610.48	204.44	199.31	538.69	0.00	0.00	0.00	500.00	545.00	0.00
5519.000	611.22	0.00	611.33	353.67	402.79	744.74	4.46	0.00	0.00	500.00	545.00	0.00
5519.000	611.65	0.00	611.75	386.89	520.22	812.28	27.50	0.00	0.00	500.00	545.00	0.00
5519.000	612.40	0.00	612.50	437.49	777.83	980.23	111.93	0.00	0.00	500.00	545.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
5568.000	610.31	0.00	610.57	61.00	0.00	736.67	1.33	0.00	0.00	400.00	420.00	0.00
5568.000	611.00	0.00	611.50	331.19	3.69	1106.98	41.33	0.00	0.00	400.00	420.00	0.00
5568.000	611.45	0.00	611.90	572.67	79.02	1166.73	114.25	0.00	0.00	400.00	420.00	0.00
5568.000	612.37	0.00	612.58	700.00	408.66	1058.12	403.22	0.00	0.00	400.00	420.00	0.00
5570.000	610.26	0.00	610.63	54.21	0.00	736.60	1.40	0.00	0.00	400.00	420.00	0.00
5570.000	610.85	0.00	611.66	175.98	0.16	1101.16	50.68	0.00	0.00	400.00	420.00	0.00
5570.000	611.46	0.00	611.91	571.72	154.91	980.67	224.42	0.00	0.00	400.00	420.00	0.00
5570.000	612.54	0.00	612.62	700.00	647.69	608.94	613.37	0.00	0.00	400.00	420.00	0.00
5628.000	610.47	0.00	610.84	32.83	0.00	730.95	7.04	0.00	0.00	400.00	420.00	0.00
5628.000	612.00	0.00	612.09	698.34	282.42	553.81	315.77	0.00	0.00	400.00	420.00	0.00
5628.000	612.16	0.00	612.24	700.00	381.02	578.73	400.25	0.00	0.00	400.00	420.00	0.00
5628.000	612.67	0.00	612.73	700.00	677.02	566.04	626.95	0.00	0.00	400.00	420.00	0.00
5630.000	610.61	0.00	610.86	101.68	0.00	730.10	7.90	0.00	0.00	400.00	420.00	0.00
5630.000	611.95	0.00	612.11	690.73	166.75	796.62	188.63	0.00	0.00	400.00	420.00	0.00
5630.000	612.10	0.00	612.27	700.00	233.86	875.73	250.41	0.00	0.00	400.00	420.00	0.00
5630.000	612.62	0.00	612.76	700.00	479.64	941.88	448.49	0.00	0.00	400.00	420.00	0.00
5679.000	610.84	0.00	610.90	225.98	232.97	505.03	0.00	0.00	0.00	500.00	545.00	0.00
5679.000	612.09	0.00	612.14	427.89	466.57	635.84	49.59	0.00	0.00	500.00	545.00	0.00
5679.000	612.25	0.00	612.31	432.74	558.69	731.17	70.14	0.00	0.00	500.00	545.00	0.00
5679.000	612.72	0.00	612.80	447.41	795.40	931.64	142.97	0.00	0.00	500.00	545.00	0.00
6579.000	611.23	0.00	611.38	105.00	48.52	599.95	89.53	105.00	365.00	400.00	431.00	470.00
6579.000	612.40	0.00	612.60	105.00	117.54	854.32	180.14	105.00	365.00	400.00	431.00	470.00
6579.000	612.62	0.00	612.87	105.00	145.99	994.71	219.30	105.00	365.00	400.00	431.00	470.00
6579.000	613.18	0.00	613.54	105.00	223.16	1325.13	321.71	105.00	365.00	400.00	431.00	470.00
6628.000	611.29	0.00	611.42	52.12	0.00	738.00	0.00	0.00	0.00	300.00	365.00	0.00
6628.000	612.44	0.00	612.64	63.07	0.00	1152.00	0.00	0.00	0.00	300.00	365.00	0.00
6628.000	612.67	0.00	612.92	85.85	0.58	1359.42	0.00	0.00	0.00	300.00	365.00	0.00
6628.000	613.25	0.00	613.61	280.27	15.73	1832.47	21.80	0.00	0.00	300.00	365.00	0.00
6630.000	611.27	0.00	611.45	51.95	0.00	738.00	0.00	0.00	0.00	300.00	365.00	0.00
6630.000	612.34	0.00	612.75	58.95	0.00	1152.00	0.00	0.00	0.00	300.00	365.00	0.00
6630.000	612.51	0.00	613.08	70.93	0.18	1359.81	0.00	0.00	0.00	300.00	365.00	0.00
6630.000	612.92	0.00	613.95	204.95	15.34	1847.79	6.87	0.00	0.00	300.00	365.00	0.00
6702.000	611.44	0.00	611.62	53.08	0.00	738.00	0.00	200.00	235.00	300.00	365.00	435.00
6702.000	612.83	0.00	613.23	134.74	5.72	1145.31	0.97	200.00	235.00	300.00	365.00	435.00
6702.000	613.51	0.00	613.86	200.00	75.87	1209.25	74.88	200.00	235.00	300.00	365.00	435.00
6702.000	614.62	0.00	614.84	200.00	264.17	1328.87	276.96	200.00	235.00	300.00	365.00	435.00
6704.000	611.51	0.00	611.63	53.55	0.00	738.00	0.00	200.00	235.00	300.00	365.00	435.00
6704.000	613.10	0.00	613.26	184.17	6.05	1142.09	3.86	200.00	235.00	300.00	365.00	435.00
6704.000	613.72	0.00	613.98	200.00	27.86	1303.95	23.19	200.00	235.00	300.00	365.00	435.00
6704.000	614.66	0.00	614.84	200.00	91.26	1683.01	95.73	200.00	235.00	300.00	365.00	435.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
6753.000	611.62	0.00	611.65	295.00	133.01	369.64	235.35	295.00	270.00	400.00	431.00	565.00
6753.000	613.26	0.00	613.28	295.00	289.68	450.48	411.83	295.00	270.00	400.00	431.00	565.00
6753.000	613.88	0.00	613.90	295.00	365.01	498.37	496.62	295.00	270.00	400.00	431.00	565.00
6753.000	614.84	0.00	614.87	295.00	539.38	632.09	698.53	295.00	270.00	400.00	431.00	565.00
7753.000	611.86	0.00	611.91	444.74	50.96	519.46	167.58	0.00	0.00	500.00	537.00	0.00
7753.000	613.40	0.00	613.42	900.02	253.82	519.12	379.06	0.00	0.00	500.00	537.00	0.00
7753.000	614.01	0.00	614.02	960.65	373.77	514.31	471.92	0.00	0.00	500.00	537.00	0.00
7753.000	614.97	0.00	614.99	1000.00	621.51	557.93	690.56	0.00	0.00	500.00	537.00	0.00
8453.000	612.10	0.00	612.22	267.26	46.67	563.40	127.92	0.00	0.00	500.00	532.00	0.00
8453.000	613.51	0.00	613.59	473.92	141.12	620.74	390.15	0.00	0.00	500.00	532.00	0.00
8453.000	614.09	0.00	614.15	539.51	190.31	634.35	535.34	0.00	0.00	500.00	532.00	0.00
8453.000	615.04	0.00	615.09	608.65	308.74	707.11	854.15	0.00	0.00	500.00	532.00	0.00
8953.000	612.52	0.00	612.71	349.87	22.33	580.13	135.54	0.00	0.00	500.00	534.00	0.00
8953.000	613.75	0.00	613.83	467.11	124.67	598.12	429.22	0.00	0.00	500.00	534.00	0.00
8953.000	614.28	0.00	614.34	510.10	183.10	609.26	567.64	0.00	0.00	500.00	534.00	0.00
8953.000	615.19	0.00	615.25	602.53	323.90	677.68	868.41	0.00	0.00	500.00	534.00	0.00
10300.000	613.53	0.00	613.56	777.51	340.31	321.79	75.89	0.00	0.00	400.00	436.00	0.00
10300.000	614.34	0.00	614.36	800.00	561.54	363.78	226.68	0.00	0.00	400.00	436.00	0.00
10300.000	614.75	0.00	614.77	800.00	668.77	378.04	313.20	0.00	0.00	400.00	436.00	0.00
10300.000	615.57	0.00	615.58	800.00	924.85	427.41	517.73	0.00	0.00	400.00	436.00	0.00
10349.000	613.55	0.00	613.57	770.24	151.62	564.25	22.13	0.00	0.00	350.00	450.00	0.00
10349.000	614.35	0.00	614.37	900.00	306.11	720.60	125.28	0.00	0.00	350.00	450.00	0.00
10349.000	614.76	0.00	614.78	900.00	385.03	774.68	200.30	0.00	0.00	350.00	450.00	0.00
10349.000	615.57	0.00	615.59	900.00	568.91	914.85	386.24	0.00	0.00	350.00	450.00	0.00
10351.000	613.55	0.00	613.57	770.34	147.94	570.59	19.47	0.00	0.00	350.00	450.00	0.00
10351.000	614.33	0.00	614.38	900.00	257.07	854.33	40.60	0.00	0.00	350.00	450.00	0.00
10351.000	614.75	0.00	614.78	900.00	415.44	821.44	123.12	0.00	0.00	350.00	450.00	0.00
10351.000	615.57	0.00	615.60	900.00	616.30	931.55	322.15	0.00	0.00	350.00	450.00	0.00
10364.000	613.56	0.00	613.58	770.78	147.93	570.57	19.50	0.00	0.00	350.00	450.00	0.00
10364.000	614.34	0.00	614.40	900.00	256.99	854.46	40.55	0.00	0.00	350.00	450.00	0.00
10364.000	614.77	0.00	614.80	900.00	415.48	821.29	123.22	0.00	0.00	350.00	450.00	0.00
10364.000	615.58	0.00	615.61	900.00	616.36	931.25	322.39	0.00	0.00	350.00	450.00	0.00
10366.000	613.56	0.00	613.58	771.35	152.05	563.47	22.48	0.00	0.00	350.00	450.00	0.00
10366.000	614.38	0.00	614.40	900.00	307.73	715.74	128.53	0.00	0.00	350.00	450.00	0.00
10366.000	614.78	0.00	614.80	900.00	385.48	773.11	201.41	0.00	0.00	350.00	450.00	0.00
10366.000	615.59	0.00	615.61	900.00	568.94	914.70	386.36	0.00	0.00	350.00	450.00	0.00
10415.000	613.57	0.00	613.59	782.42	342.60	314.58	80.82	0.00	0.00	400.00	436.00	0.00
10415.000	614.39	0.00	614.41	800.00	562.55	356.21	233.24	0.00	0.00	400.00	436.00	0.00
10415.000	614.79	0.00	614.81	800.00	669.17	373.42	317.41	0.00	0.00	400.00	436.00	0.00
10415.000	615.60	0.00	615.62	800.00	924.94	423.91	521.15	0.00	0.00	400.00	436.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10765.000	613.69	0.00	613.76	557.88	300.17	411.34	26.48	0.00	0.00	400.00	434.00	0.00
10765.000	614.48	0.00	614.53	621.82	578.34	472.94	100.72	0.00	0.00	400.00	434.00	0.00
10765.000	614.87	0.00	614.92	651.85	715.18	492.12	152.70	0.00	0.00	400.00	434.00	0.00
10765.000	615.67	0.00	615.70	715.81	1029.30	549.66	291.05	0.00	0.00	400.00	434.00	0.00
10814.000	613.65	0.00	613.85	443.74	182.90	554.95	0.14	0.00	0.00	400.00	434.00	0.00
10814.000	614.47	0.00	614.59	532.00	534.14	596.95	20.91	0.00	0.00	400.00	434.00	0.00
10814.000	614.87	0.00	614.96	584.56	707.61	602.55	49.84	0.00	0.00	400.00	434.00	0.00
10814.000	615.67	0.00	615.73	667.98	1071.77	639.59	158.64	0.00	0.00	400.00	434.00	0.00
10816.000	613.80	0.00	613.89	458.95	384.44	352.08	1.49	0.00	0.00	400.00	434.00	0.00
10816.000	614.57	0.00	614.61	544.29	777.78	338.39	35.83	0.00	0.00	400.00	434.00	0.00
10816.000	614.94	0.00	614.98	592.29	952.26	335.99	71.75	0.00	0.00	400.00	434.00	0.00
10816.000	615.72	0.00	615.75	671.57	1322.16	347.53	200.31	0.00	0.00	400.00	434.00	0.00
10824.000	613.85	0.00	613.93	462.97	396.43	339.48	2.09	0.00	0.00	400.00	434.00	0.00
10824.000	614.58	0.00	614.63	545.87	779.11	336.29	36.60	0.00	0.00	400.00	434.00	0.00
10824.000	614.95	0.00	614.99	593.51	952.81	334.65	72.54	0.00	0.00	400.00	434.00	0.00
10824.000	615.72	0.00	615.75	672.19	1322.05	346.86	201.09	0.00	0.00	400.00	434.00	0.00
10826.000	613.80	0.00	613.95	459.03	221.03	516.11	0.86	0.00	0.00	400.00	434.00	0.00
10826.000	614.55	0.00	614.65	541.48	548.19	579.43	24.38	0.00	0.00	400.00	434.00	0.00
10826.000	614.92	0.00	615.01	589.90	713.62	593.70	52.68	0.00	0.00	400.00	434.00	0.00
10826.000	615.70	0.00	615.76	670.23	1073.27	635.52	161.21	0.00	0.00	400.00	434.00	0.00
10875.000	613.95	0.00	614.00	578.55	313.92	384.71	39.37	0.00	0.00	400.00	434.00	0.00
10875.000	614.64	0.00	614.69	634.06	575.77	460.39	115.84	0.00	0.00	400.00	434.00	0.00
10875.000	615.00	0.00	615.04	663.58	707.13	487.20	165.68	0.00	0.00	400.00	434.00	0.00
10875.000	615.75	0.00	615.79	724.62	1016.33	548.34	305.33	0.00	0.00	400.00	434.00	0.00
11175.000	614.08	0.00	614.12	590.47	342.54	350.90	44.55	0.00	0.00	400.00	434.00	0.00
11175.000	614.76	0.00	614.80	643.41	599.22	431.15	121.63	0.00	0.00	400.00	434.00	0.00
11175.000	615.11	0.00	615.14	669.83	728.82	459.96	171.22	0.00	0.00	400.00	434.00	0.00
11175.000	615.85	0.00	615.88	734.61	1034.02	526.38	309.60	0.00	0.00	400.00	434.00	0.00
11224.000	614.09	0.00	614.13	181.60	12.79	725.21	0.00	0.00	0.00	400.00	470.00	0.00
11224.000	614.75	0.00	614.83	222.41	54.78	1097.22	0.00	0.00	0.00	400.00	470.00	0.00
11224.000	615.08	0.00	615.18	243.26	89.95	1270.05	0.00	0.00	0.00	400.00	470.00	0.00
11224.000	615.79	0.00	615.92	386.83	214.06	1655.94	0.00	0.00	0.00	400.00	470.00	0.00
11226.000	614.09	0.00	614.14	181.17	13.40	724.60	0.00	0.00	0.00	400.00	470.00	0.00
11226.000	614.75	0.00	614.83	222.45	62.74	1089.26	0.00	0.00	0.00	400.00	470.00	0.00
11226.000	615.08	0.00	615.18	243.30	108.85	1251.15	0.00	0.00	0.00	400.00	470.00	0.00
11226.000	615.80	0.00	615.92	387.09	313.06	1556.94	0.00	0.00	0.00	400.00	470.00	0.00
11299.000	614.10	0.00	614.15	181.95	13.80	724.20	0.00	0.00	0.00	400.00	470.00	0.00
11299.000	614.77	0.00	614.86	223.85	64.48	1087.52	0.00	0.00	0.00	400.00	470.00	0.00
11299.000	615.11	0.00	615.21	245.03	112.57	1247.43	0.00	0.00	0.00	400.00	470.00	0.00
11299.000	615.86	0.00	615.99	415.86	333.30	1536.70	0.00	0.00	0.00	400.00	470.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
11301.000	614.10	0.00	614.15	182.05	12.99	725.01	0.00	0.00	0.00	400.00	470.00	0.00
11301.000	614.78	0.00	614.86	224.15	56.49	1095.51	0.00	0.00	0.00	400.00	470.00	0.00
11301.000	615.12	0.00	615.21	245.54	92.84	1267.16	0.00	0.00	0.00	400.00	470.00	0.00
11301.000	615.86	0.00	615.99	416.51	225.61	1644.39	0.00	0.00	0.00	400.00	470.00	0.00
11350.000	614.13	0.00	614.16	593.38	345.62	346.24	46.14	0.00	0.00	400.00	434.00	0.00
11350.000	614.84	0.00	614.88	649.50	604.04	420.74	127.22	0.00	0.00	400.00	434.00	0.00
11350.000	615.20	0.00	615.23	677.15	733.40	448.17	178.43	0.00	0.00	400.00	434.00	0.00
11350.000	615.99	0.00	616.01	748.59	1036.54	510.49	322.96	0.00	0.00	400.00	434.00	0.00

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10-YEAR FREQUENCY FLOOD

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	597.50	738.00	606.30	0.00	606.35	2.21	1.87	395.29	496.68
0.000	0.00	0.00	0.00	597.50	1152.00	607.70	0.00	607.78	2.58	2.27	522.14	717.33
0.000	0.00	0.00	0.00	597.50	1360.00	608.10	0.00	608.20	2.90	2.51	587.26	799.16
0.000	0.00	0.00	0.00	597.50	1870.00	608.90	0.00	609.03	3.40	2.93	896.42	1013.83
49.000	49.00	0.00	0.00	598.10	738.00	606.33	0.00	606.36	1.34	1.44	517.74	638.59
49.000	49.00	0.00	0.00	598.10	1152.00	607.75	0.00	607.79	1.49	1.76	781.21	943.13
49.000	49.00	0.00	0.00	598.10	1360.00	608.16	0.00	608.21	1.61	1.90	1000.45	1071.36
49.000	49.00	0.00	0.00	598.10	1870.00	608.98	0.00	609.04	1.77	2.13	1473.27	1404.92
51.000	2.00	607.00	613.00	598.10	738.00	606.31	0.00	606.39	14.35	2.35	319.07	194.79
51.000	2.00	607.00	613.00	598.10	1152.00	607.70	0.00	607.84	27.42	3.11	458.77	220.00
51.000	2.00	607.00	613.00	598.10	1360.00	608.12	0.00	608.25	28.91	3.16	646.93	252.93
51.000	2.00	607.00	613.00	598.10	1870.00	608.98	0.00	609.05	26.42	2.65	1105.76	363.84
220.000	169.00	608.20	606.40	598.10	738.00	606.55	0.00	606.63	13.97	2.31	332.98	197.42
220.000	169.00	608.20	606.40	598.10	1152.00	608.16	0.00	608.25	20.05	2.63	666.77	257.26
220.000	169.00	608.20	606.40	598.10	1360.00	608.60	0.00	608.67	19.89	2.45	886.61	304.91
220.000	169.00	608.20	606.40	598.10	1870.00	609.37	0.00	609.42	17.49	2.29	1329.28	447.14
222.000	2.00	0.00	0.00	598.10	738.00	606.61	0.00	606.64	1.14	1.37	554.70	690.45
222.000	2.00	0.00	0.00	598.10	1152.00	608.22	0.00	608.25	1.11	1.58	1033.01	1091.57
222.000	2.00	0.00	0.00	598.10	1360.00	608.63	0.00	608.67	1.18	1.69	1270.75	1252.13
222.000	2.00	0.00	0.00	598.10	1870.00	609.37	0.00	609.42	1.38	1.94	1699.99	1591.33
271.000	49.00	0.00	0.00	597.50	738.00	606.60	0.00	606.65	1.89	1.76	418.31	536.57
271.000	49.00	0.00	0.00	597.50	1152.00	608.20	0.00	608.27	1.96	2.09	617.03	822.29
271.000	49.00	0.00	0.00	597.50	1360.00	608.61	0.00	608.69	2.15	2.27	765.07	928.25
271.000	49.00	0.00	0.00	597.50	1870.00	609.34	0.00	609.44	2.54	2.63	1145.77	1173.99
1071.000	800.00	0.00	0.00	598.20	738.00	606.79	0.00	606.96	5.69	3.38	250.23	309.41
1071.000	800.00	0.00	0.00	598.20	1152.00	608.37	0.00	608.63	6.61	4.19	329.59	448.01
1071.000	800.00	0.00	0.00	598.20	1360.00	608.79	0.00	609.11	7.77	4.68	350.48	487.86
1071.000	800.00	0.00	0.00	598.20	1870.00	609.51	0.00	610.02	11.18	5.91	386.34	559.27
1120.000	49.00	0.00	0.00	599.40	738.00	606.76	0.00	607.07	14.56	4.47	164.97	193.38
1120.000	49.00	0.00	0.00	599.40	1152.00	608.30	0.00	608.80	20.17	5.70	201.98	256.51
1120.000	49.00	0.00	0.00	599.40	1360.00	608.69	0.00	609.33	24.81	6.43	211.35	273.02
1120.000	49.00	0.00	0.00	599.40	1870.00	609.33	0.00	610.39	38.74	8.25	226.70	300.45
1182.000	62.00	609.60	605.90	599.40	738.00	607.35	0.00	607.62	11.52	4.12	179.33	217.45
1182.000	62.00	609.60	605.90	599.40	1152.00	609.85	0.00	610.20	12.41	4.78	262.97	327.04
1182.000	62.00	609.60	605.90	599.40	1360.00	610.34	0.00	610.75	13.91	5.23	336.72	364.67
1182.000	62.00	609.60	605.90	599.40	1870.00	610.93	0.00	611.50	19.03	6.34	470.64	428.67

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1231.000	49.00	0.00	0.00	598.20	738.00	607.61	0.00	607.70	2.85	2.58	510.53	437.46
1231.000	49.00	0.00	0.00	598.20	1152.00	610.28	0.00	610.31	1.17	2.01	1254.48	1065.97
1231.000	49.00	0.00	0.00	598.20	1360.00	610.83	0.00	610.87	1.20	2.11	1416.29	1242.26
1231.000	49.00	0.00	0.00	598.20	1870.00	611.62	0.00	611.67	1.53	2.50	1643.45	1511.65
2131.000	900.00	0.00	0.00	598.60	738.00	607.88	0.00	607.94	2.52	2.28	648.87	465.20
2131.000	900.00	0.00	0.00	598.60	1152.00	610.38	0.00	610.40	0.79	1.57	1926.60	1300.10
2131.000	900.00	0.00	0.00	598.60	1360.00	610.94	0.00	610.96	0.72	1.56	2349.93	1607.47
2131.000	900.00	0.00	0.00	598.60	1870.00	611.75	0.00	611.77	0.77	1.71	2976.69	2128.93
3331.000	1200.00	0.00	0.00	599.60	738.00	608.22	0.00	608.27	3.00	2.25	680.27	425.80
3331.000	1200.00	0.00	0.00	599.60	1152.00	610.49	0.00	610.51	0.99	1.60	1757.86	1158.60
3331.000	1200.00	0.00	0.00	599.60	1360.00	611.04	0.00	611.05	0.91	1.60	2103.89	1429.47
3331.000	1200.00	0.00	0.00	599.60	1870.00	611.85	0.00	611.87	0.98	1.77	2647.67	1889.72
3380.000	49.00	0.00	0.00	599.10	738.00	608.19	0.00	608.31	5.52	2.96	354.28	314.07
3380.000	49.00	0.00	0.00	599.10	1152.00	610.48	0.00	610.52	1.54	1.91	1471.11	927.45
3380.000	49.00	0.00	0.00	599.10	1360.00	611.03	0.00	611.06	1.34	1.87	1814.55	1176.12
3380.000	49.00	0.00	0.00	599.10	1870.00	611.85	0.00	611.88	1.34	1.99	2364.85	1613.85
3382.000	2.00	608.80	608.80	599.10	738.00	608.14	0.00	608.36	47.12	4.09	260.91	107.52
3382.000	2.00	608.80	608.80	599.10	1152.00	610.51	0.00	610.52	4.39	1.21	1364.94	549.89
3382.000	2.00	608.80	608.80	599.10	1360.00	611.06	0.00	611.07	3.19	1.10	1707.91	761.29
3382.000	2.00	608.80	608.80	599.10	1870.00	611.87	0.00	611.88	2.68	1.11	2259.59	1142.83
3390.000	8.00	608.50	605.90	599.10	738.00	608.20	0.00	608.40	45.71	4.02	269.07	109.16
3390.000	8.00	608.50	605.90	599.10	1152.00	610.51	0.00	610.53	4.38	1.21	1366.38	550.73
3390.000	8.00	608.50	605.90	599.10	1360.00	611.06	0.00	611.07	3.19	1.10	1709.09	762.05
3390.000	8.00	608.50	605.90	599.10	1870.00	611.87	0.00	611.89	2.67	1.11	2260.73	1143.67
3392.000	2.00	0.00	0.00	599.10	738.00	608.29	0.00	608.41	5.11	2.86	377.93	326.51
3392.000	2.00	0.00	0.00	599.10	1152.00	610.50	0.00	610.53	1.52	1.90	1480.44	933.93
3392.000	2.00	0.00	0.00	599.10	1360.00	611.05	0.00	611.08	1.32	1.86	1823.20	1182.64
3392.000	2.00	0.00	0.00	599.10	1870.00	611.86	0.00	611.89	1.33	1.98	2374.46	1621.91
3441.000	49.00	0.00	0.00	599.60	738.00	608.39	0.00	608.43	2.53	2.11	738.05	464.13
3441.000	49.00	0.00	0.00	599.60	1152.00	610.52	0.00	610.54	0.97	1.59	1770.76	1168.34
3441.000	49.00	0.00	0.00	599.60	1360.00	611.07	0.00	611.08	0.90	1.60	2112.28	1436.27
3441.000	49.00	0.00	0.00	599.60	1870.00	611.88	0.00	611.90	0.97	1.76	2663.11	1903.39
3641.000	200.00	0.00	0.00	600.20	738.00	608.46	0.00	608.48	1.94	1.77	928.63	530.21
3641.000	200.00	0.00	0.00	600.20	1152.00	610.55	0.00	610.56	0.87	1.45	1843.11	1232.70
3641.000	200.00	0.00	0.00	600.20	1360.00	611.09	0.00	611.10	0.83	1.47	2182.19	1495.14
3641.000	200.00	0.00	0.00	600.20	1870.00	611.90	0.00	611.92	0.92	1.65	2699.86	1953.05
3690.000	49.00	0.00	0.00	600.40	738.00	608.31	0.00	608.57	15.16	4.38	276.57	189.53
3690.000	49.00	0.00	0.00	600.40	1152.00	610.52	0.00	610.58	3.87	2.71	1053.93	585.78
3690.000	49.00	0.00	0.00	600.40	1360.00	611.07	0.00	611.12	3.18	2.56	1332.96	762.87
3690.000	49.00	0.00	0.00	600.40	1870.00	611.89	0.00	611.93	2.97	2.62	1770.49	1085.56

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
3692.000	2.00	607.00	605.70	600.40	738.00	608.22	604.38	608.67	120.11	5.90	187.19	67.34
3692.000	2.00	607.00	605.70	600.40	1152.00	610.56	0.00	610.59	8.12	2.06	983.26	404.23
3692.000	2.00	607.00	605.70	600.40	1360.00	611.10	0.00	611.12	5.85	1.84	1258.99	562.16
3692.000	2.00	607.00	605.70	600.40	1870.00	611.92	0.00	611.94	4.80	1.80	1690.54	853.62
3703.000	11.00	607.80	605.70	600.40	738.00	608.61	0.00	608.83	61.17	4.46	272.60	94.36
3703.000	11.00	607.80	605.70	600.40	1152.00	610.57	0.00	610.60	8.05	2.05	986.56	405.97
3703.000	11.00	607.80	605.70	600.40	1360.00	611.11	0.00	611.13	5.82	1.84	1261.55	563.74
3703.000	11.00	607.80	605.70	600.40	1870.00	611.92	0.00	611.94	4.78	1.79	1692.84	855.30
3705.000	2.00	0.00	0.00	600.40	738.00	608.65	0.00	608.84	10.59	3.80	362.99	226.80
3705.000	2.00	0.00	0.00	600.40	1152.00	610.55	0.00	610.61	3.72	2.66	1073.78	597.53
3705.000	2.00	0.00	0.00	600.40	1360.00	611.09	0.00	611.14	3.09	2.53	1348.79	773.65
3705.000	2.00	0.00	0.00	600.40	1870.00	611.91	0.00	611.95	2.93	2.61	1780.02	1093.13
3754.000	49.00	0.00	0.00	600.20	738.00	608.85	0.00	608.87	1.35	1.54	1075.28	636.03
3754.000	49.00	0.00	0.00	600.20	1152.00	610.61	0.00	610.62	0.84	1.43	1881.06	1260.41
3754.000	49.00	0.00	0.00	600.20	1360.00	611.14	0.00	611.15	0.80	1.45	2213.16	1520.69
3754.000	49.00	0.00	0.00	600.20	1870.00	611.95	0.00	611.96	0.90	1.63	2722.59	1974.58
3854.000	100.00	0.00	0.00	599.90	738.00	608.82	0.00	608.91	4.16	2.56	497.07	361.80
3854.000	100.00	0.00	0.00	599.90	1152.00	610.60	0.00	610.64	1.85	2.06	1259.11	846.85
3854.000	100.00	0.00	0.00	599.90	1360.00	611.13	0.00	611.17	1.67	2.05	1521.38	1052.98
3854.000	100.00	0.00	0.00	599.90	1870.00	611.94	0.00	611.98	1.73	2.24	1941.14	1423.45
3903.000	49.00	0.00	0.00	600.60	738.00	608.63	0.00	609.05	19.48	5.14	146.56	167.21
3903.000	49.00	0.00	0.00	600.60	1152.00	610.57	0.00	610.68	6.56	3.51	887.49	449.64
3903.000	49.00	0.00	0.00	600.60	1360.00	611.12	0.00	611.19	4.93	3.17	1175.74	612.28
3903.000	49.00	0.00	0.00	600.60	1870.00	611.94	0.00	612.00	4.16	3.08	1628.21	916.67
3905.000	2.00	608.30	606.80	600.60	738.00	608.43	0.00	609.27	135.24	7.38	100.06	63.46
3905.000	2.00	608.30	606.80	600.60	1152.00	610.66	0.00	610.70	13.17	2.50	893.18	317.46
3905.000	2.00	608.30	606.80	600.60	1360.00	611.18	0.00	611.21	8.65	2.13	1165.46	462.54
3905.000	2.00	608.30	606.80	600.60	1870.00	611.99	0.00	612.01	6.38	1.96	1601.07	740.19
3915.000	10.00	608.30	606.80	600.60	738.00	608.63	605.02	609.43	159.42	7.20	104.82	58.45
3915.000	10.00	608.30	606.80	600.60	1152.00	610.67	0.00	610.71	12.97	2.48	898.03	319.82
3915.000	10.00	608.30	606.80	600.60	1360.00	611.19	0.00	611.22	8.57	2.12	1169.01	464.59
3915.000	10.00	608.30	606.80	600.60	1870.00	611.99	0.00	612.02	6.35	1.95	1603.95	742.20
3917.000	2.00	0.00	0.00	600.60	738.00	609.20	0.00	609.49	13.32	4.47	261.96	202.24
3917.000	2.00	0.00	0.00	600.60	1152.00	610.63	0.00	610.73	6.08	3.40	921.03	467.14
3917.000	2.00	0.00	0.00	600.60	1360.00	611.16	0.00	611.23	4.72	3.11	1198.09	625.98
3917.000	2.00	0.00	0.00	600.60	1870.00	611.97	0.00	612.03	4.08	3.06	1640.43	925.63
3966.000	49.00	0.00	0.00	599.90	738.00	609.49	0.00	609.53	2.12	1.97	752.21	506.50
3966.000	49.00	0.00	0.00	599.90	1152.00	610.72	0.00	610.75	1.68	1.99	1315.68	889.61
3966.000	49.00	0.00	0.00	599.90	1360.00	611.21	0.00	611.25	1.56	2.00	1562.50	1087.39
3966.000	49.00	0.00	0.00	599.90	1870.00	612.00	0.00	612.04	1.66	2.20	1969.81	1450.21

received 5/13/80

****
HECP RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52
****

For Input SEE (Backwater Fort → King Rd 100 yr. Natural)

T1REANALYSIS OF CITY OF TRENTON FIS
T2ENCROACHMENT RUN 4/29/77
T3 FRANK AND POET DRAIN.

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FG
	0.	0.	0.	0.	0.000000	0.00	0.0	0.	584.640	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHAIN	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 4617.000
2800 NAT Q1= 2171.61 WSEL= 584.64 ENC Q1= 2171.61 WSEL= 584.74 RATIO= 0.0000
NAT Q1= 2216. RATIOS LOB,CH,ROB= 0.2578 0.6246 0.1177 WSEL= 584.74

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	CLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTM	FLMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IN2	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 83.5 410.1 TYPE= 4 TARGET= 0.020

STOPPED AT HOUSE LINE BASED ON FIELD NOTES & QUAD MAP

4617.00	12.18	584.64	0.00	584.64	584.68	0.04	0.00	0.00	572.50
1820.	455.	1166.	199.	928.	608.	394.	0.	0.	572.50
0.00	0.49	1.92	0.51	0.080	0.035	0.080	0.000	572.46	83.47
0.000073	351.	351.	351.	0	0	0	0.00	292.54	410.12

CCHV= 0.100 CEHV= 0.500

*SECNO 4797.000
2800 NAT Q1= 1942.07 WSEL= 584.66 ENC Q1= 1942.07 WSEL= 584.76 RATIO= 0.0000
NAT Q1= 1999. RATIOS LOB,CH,ROB= 0.1604 0.6464 0.1932 WSEL= 584.76

3265 CROSS SECTION 4797.00 EXTENDED 0.55 FEET

3470 ENCROACHMENT STATIONS= 174.1 540.5 TYPE= 4 TARGET= [illegible]

D/S FACE OF FORT ST. [illegible]

4797.00	12.20	584.66	0.00	584.66	584.72	0.04	0.02	0.00	576.06
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	0.080	0.035	[illegible]	[illegible]	572.46	[illegible]
[illegible]	[illegible]	[illegible]	180.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

FOR INPUT SEE:
BACKWATER FORT → KING RD
100 YR NATURAL
5-17-80

SPECIAL [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0.00	[illegible]	0.00	577.[illegible]	[illegible]	572.50	572.46

*SECNO [illegible]
[illegible]
[illegible]
[illegible]

PRESSURE [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	879.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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3470 ENCROACHMENT STATIONS=      137.3      422.3  TYPE=      4  TARGET=        0.026

        U/S FACE OF FORT ST. NB

  4943.00     12.27    584.75      0.00    584.74    584.83      0.10      0.13      0.00    573.81
    1820.      211.     1519.       91.      393.      557.      131.        9.        2.    572.96
     0.05      0.54      2.72      0.70     0.060     0.035     0.060     0.040    572.46    137.28
 0.000152       51.       51.       51.         2         0         4      0.00    285.02    422.30


*SECNO 4919.000
 2800 NAT Q1=   1512.74  WSEL=     584.75  ENC Q1=   1512.74  WSEL=     584.85  RATIO=  0.0000
 NAT Q1=   1554.  RATIOS LOB,CH,ROB=  0.1328  0.8045  0.0627  WSEL=     584.85
3280 CROSS SECTION   4919.00 EXTENDED       0.64 FEET


3470 ENCROACHMENT STATIONS=      137.6      422.2  TYPE=      4  TARGET=        0.026
  4919.00     12.23    584.74      0.00    584.75    584.84      0.10      0.01      0.00    573.81
    1820.      212.     1517.       91.      395.      558.      130.       11.        2.    572.96
     0.06      0.54      2.72      0.70     0.060     0.035     0.060     0.039    572.46    137.63
 0.000152       71.       71.       71.         0         0         0      0.00    284.52    422.15


*SECNO 4990.000
 2800 NAT Q1=   1896.49  WSEL=     584.81  ENC Q1=   1896.49  WSEL=     584.91  RATIO=  0.0000
 NAT Q1=   1953.  RATIOS LOB,CH,ROB=  0.3334  0.6565  0.0101  WSEL=     584.91
3280 CROSS SECTION   4990.00 EXTENDED       0.72 FEET


   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EC        HV        HL        BLOSS    BANK ELEV
   Q         ALOB      ACH       AROB      ALOB      ACH       AROB      VOL       TWA      LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       FLMIN      SSTA
   SLOPE     XLOBL     XLOB      XLOBR     ITRIAL    IN2       ICONT     CORAR     TOPWID     ENDAT


3470 ENCROACHMENT STATIONS=      134.9      597.5  TYPE=      4  TARGET=        0.029

        D/S FACE OF FORT ST. SB

  4990.00     12.72    584.84      0.00    584.81    584.86      0.05      0.01      0.02    574.46
    1820.      640.     1183.        0.     1141.      568.        0.       13.        3.    572.31
     0.07      0.56      2.10      0.00     0.060     0.035     0.060     0.038    572.10    134.91
 0.000119       71.       71.       71.         2         0         0      0.00    462.59    597.50


SPECIAL BRIDGE

SP   XK        XMOR      COPR      RDLEN     BWC       BWP       BARLA     SS        ELCHD     ELCHD
     0.00      1.50      0.10      0.00      51.00     0.00      517.65    0.00      572.10    572.10

*SECNO 5041.000
 2800 NAT Q1=   1659.05  WSEL=     584.84  ENC Q1=   1659.05  WSEL=     584.94  RATIO=  0.0000
 NAT Q1=   1703.  RATIOS LOB,CH,ROB=  0.3027  0.6967  0.0034  WSEL=     584.94

3265 DIVIDED FLOW

3280 CROSS SECTION   5041.00 EXTENDED       0.75 FEET
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PRESSURE AND WEIR FLOW

FGPRS	EGLWC	WZ	QWEIR	QDR	AAREA	TRAPEZOID AREA	ELLC	ELTRD
585.14	584.99	0.00	142.	984.	518.	518.	582.25	582.97

3470 ENCROACHMENT STATIONS= 203.8 568.0 TYPE= 4 TARGET= 0.029

U/S FACE OF FORT ST. SB

5041.00	12.25	584.85	0.00	584.84	584.91	0.06	0.05	0.00	575.16
1820.	559.	1262.	0.	875.	543.	0.	15.	3.	572.81
0.08	0.64	2.32	0.00	0.060	0.035	0.060	0.038	572.60	203.64
0.000156	51.	51.	51.	2	0	5	0.00	559.65	568.00

*SECNO 5261.000
2800 NAT Q1= 619.94 WSEL= 584.90 ENC Q1= 619.94 WSEL= 585.00 RATIO= 0.0000
NAT Q1= 644. RATIOS LOB,CH,ROB= 0.0000 0.0000 1.0000 WSEL= 585.00
3280 CROSS SECTION 5261.00 EXTENDED 1.42 FEET

3470 ENCROACHMENT STATIONS= 50.0 392.3 TYPE= 4 TARGET= 0.037

5261.00	12.32	584.92	0.00	584.20	584.98	0.07	0.07	0.00	583.50
1820.	0.	0.	1820.	0.	0.	879.	20.	5.	583.50
0.11	0.00	0.00	2.07	0.060	0.035	0.060	0.039	572.60	50.00
0.000551	180.	221.	220.	2	0	0	0.00	542.21	394.21

*SECNO 5225.000
2800 NAT Q1= 1492.72 WSEL= 584.97 ENC Q1= 1498.72 WSEL= 585.07 RATIO= 0.0000
NAT Q1= 1511. RATIOS LOB,CH,ROB= 0.1744 0.5402 0.3352 WSEL= 585.07
3280 CROSS SECTION 5225.00 EXTENDED 1.22 FEET

3470 ENCROACHMENT STATIONS= 21.4 350.0 TYPE= 4 TARGET= 0.037

5321.0	12.72	584.95	1.03	584.97	585.07	0.06	0.05	1.06	572.54
1820.	291.	1031.	498.	875.	256.	294.	27.	7.	572.20
0.14	0.78	2.66	1.73	0.060	0.035	0.060	0.038	572.27	21.56
0.000153	264.	264.	264.	2	0	3	0.00	560.20	550.59

CONV= 0.07 CONV= 1.00
*SECNO 5225.00
3280 CROSS SECTION 5225.00 EXTENDED 1.37 FEET

3470 ENCROACHMENT STATIONS= 5.0 354.0 TYPE= 4 TARGET= 0.037

D/S OF PUL HWY 80.

5169.00	12.79	583.57	0.30	584.59	585.29	0.70	0.32	0.83	573.33
1820.	204.	1361.	293.	917.	564.	357.	44.	5.	572.20
0.15	2.00	4.14	0.46	1.170	0.035	1.170	0.037	572.27	1.30
0.000166	124.	124.	124.	2	0	0	0.00	556.00	559.00

SPECIAL BRIDGE

SH	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.66	3.00	0.00	18.00	0.00	112.68	0.00	571.61	571.61

*SECNO 5681.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	LTM	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IL2	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ZLLC	ELTRD
591.73	585.41	0.00	1583.	237.	113.	121.	578.33	581.23

3470 ENCROACHMENT STATIONS= 1.0 385.0 TYPE= 1 TARGET= 384.000

D/S OF VAN HORN RD.

5681.00	12.99	585.09	0.00	585.06	585.12	0.04	0.03	0.00	575.76
1820.	317.	960.	543.	491.	467.	983.	33.	9.	575.91
0.17	0.66	2.06	0.55	0.070	0.035	0.070	0.037	572.10	1.00
0.000076	32.	32.	32.	2	2	7	0.00	384.00	385.00

CCHV= 0.100 CCEV= 0.500

*SECNO 5800.000

3470 ENCROACHMENT STATIONS= 155.0 490.0 TYPE= 1 TARGET= 325.000

5800.00	11.27	585.11	0.00	585.08	585.13	0.03	0.01	0.00	575.76
1820.	298.	954.	736.	324.	465.	1251.	38.	9.	575.91
0.20	0.60	1.82	0.59	0.070	0.035	0.070	0.037	572.10	165.00
0.000076	119.	119.	119.	0	0	2	0.00	325.00	490.00

CCHV= 0.300 CCEV= 0.500

*SECNO 5938.000

3280 CROSS SECTION 5938.00 EXTENDED 2.11 FEET

3470 ENCROACHMENT STATIONS= 250.0 533.0 TYPE= 1 TARGET= 385.000

D/S OF HY 154 CULVERT

5938.00	13.16	585.10	0.00	585.08	585.16	0.06	0.01	0.02	571.94
1820.	268.	1271.	281.	231.	527.	799.	46.	10.	571.94
0.22	0.71	2.41	0.35	0.060	0.036	0.121	0.037	571.94	230.00
0.000104	138.	138.	138.	1	1	2	0.00	303.00	533.00

SPECIAL BRIDGE

SH	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.50	3.00	0.00	21.32	3.00	132.86	0.00	572.65	571.94

*SECNO 6072.000

FORM 1411-GS-PRINTED BY ROTARY MANIFOLD FORMS

3280 CROSS SECTION 6022.00 EXTENDED 2.06 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	QAREA	TRAPEZOID AREA	ELLC	ELTRD
589.47	585.48	0.02	1509.	320.	133.	133.	579.33	582.30

3470 ENCROACHMENT STATIONS= 230.0 533.0 TYPE= 1 TARGET= 303.000

U/S 87 BY 136 CULVERT

6022.00	13.12	585.17	0.00	585.15	585.24	0.07	0.07	0.00	572.05
1820.	266.	1275.	279.	377.	525.	790.	47.	10.	572.05
0.23	0.71	2.43	0.35	0.060	0.035	0.120	0.037	572.05	230.00
0.000106	84.	84.	84.	2	0	7	0.00	303.00	533.00

*SECNO 6100.000
3280 CROSS SECTION 6100.00 EXTENDED 0.13 FEET

3470 ENCROACHMENT STATIONS= 160.0 412.0 TYPE= 1 TARGET= 252.000

6100.00	10.38	585.18	0.00	585.16	585.25	0.07	0.01	0.00	574.90
1820.	327.	962.	331.	351.	351.	926.	30.	11.	574.90
0.24	0.93	2.74	0.57	0.060	0.035	0.120	0.037	574.80	160.00
0.000185	78.	78.	78.	0	0	0	0.00	252.00	412.00

CCHV= 0.500 CEHV= 0.500
*SECNO 6270.000
2670 NAT R1= 564.67 WSEL= 585.05 ENC R1= 573.28 WSEL= 585.15 RATIO= -0.0152
NAT R1= 573. RATIOS LOW,CH,ROW= 0.0000 1.0000 0.0000 WSEL= 585.15
3280 CROSS SECTION 6270.00 EXTENDED 0.01 FEET

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	BLOSS	LANK ELEV
Q	VLOW	VCH	VROW	ALOW	ACH	AROW	VOL	TWA	LEFT/RIGHT
TIME	VLOW	VCH	VROW	XNL	XNCH	XNR	XTN	ELMIN	ESTA
SLOPE	XLOWL	XLCH	XLOWR	ITRIAL	IH2	ICONT	CONAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 238.0 272.0 TYPE= 1 TARGET= 0.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 586.00 ELREA= 586.00

U/S [illegible]

6270.00	13.23	585.03	0.00	585.03	585.31	0.42	0.00	0.16	574.90
1820.	[illegible]	1020.	0.	0.	348.	0.	55.	12.	574.90
0.23	0.00	0.23	0.00	0.070	0.040	0.070	0.017	574.80	238.00
0.001673	194.	194.	194.	2	[illegible]	0	0.00	34.00	272.00

SPECIAL BRIDGE

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5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
SB  XK        XKOR      COFQ      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
    1.25      1.59      3.00      0.00      28.70     1.50      326.00    0.92      574.80    574.80

*SECNO 6282.000
3280 CROSS SECTION   6282.00 EXTENDED      0.58 FEET

CLASS A LOW FLOW

3420 BRIDGE W.S.=    585.05 BRIDGE VELOCITY=      4.55      CALCULATED CHANNEL AREA=      375.

 EGPRS      EGLWC      R3       QWEIR      QPR       HAREA    TRAPEZOID      ELLC      ELTRD
                                                                AREA
   5        585.91     0.04       0.      1820.      326.      337.      584.20    587.70

      ERHANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      587.69 ELREA=      587.69

      U/S OF DT & I R.R.

  6282.00    10.48    585.38     0.00    535.28    585.91     0.53     0.40     0.00    575.00
   [illegible]      0.      1820.      0.        0.      313.      0.       55.      12.     575.00
   [illegible]     0.00      5.82     0.00     0.070     0.040    0.070    0.037    574.90    257.00
   [illegible]     12.       12.      12.        0         0        0      0.00     30.00    287.00

*SEC[illegible] 6332.000
32[illegible] CROSS SECTION   6332.00 EXTENDED      3.45 FEET

3470 ENCROACHMENT STATIONS=      253.0      343.0  TYPE=      1  TARGET=      90.000
  6332.00    10.95    585.95     0.00    585.[illegible]    586.06     0.11     0.03     0.12    575.10
   1320.      142.     1064.     614.       93.      327.      423.      56.      12.     575.10
    0.26      1.53      3.25     1.45     0.070     0.040    0.070    0.037    575.00    253.00
 0.000317      50.       50.      50.        2         0        0      0.00     90.30    343.00

CCHV=   0.100 CEHV=   0.300
*SEC[illegible] 6928.000
3280 CROSS SECTION   6928.00 EXTENDED      3.12 FEET

3470 ENCROACHMENT STATIONS=      280.0      820.0  TYPE=      1  TARGET=      540.000

      SECTION SAME AS 9332

  6928.00    12.66    586.12     0.00    586.04    586.15     0.02     0.03     0.01    575.36
   1320.      [illegible]      [illegible]      560.      [illegible]      453.     1411.      [illegible]      16.     [illegible]
    0.42      [illegible]      [illegible]      0.43     0.030     0.035    0.080    0.037    573.66    281.01
 0.000070      [illegible]      596.      596.        2         0        0      0.00    538.39    820.00

CCHV=   0.100 CEHV=   0.300
*SEC[illegible] 7992.000
3280 CROSS SECTION   7992.00 EXTENDED      1.18 FEET

3470 ENCROACHMENT STATIONS=      200.0      590.0  TYPE=      1  TARGET=      390.000
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  7992.00    11.10   586.18     0.00   586.10   586.19     0.01     0.05     0.00   575.20
    1820.     870.     532.     418.    1501.     453.     705.     145.      27.   575.20
     0.81     0.58     1.18     0.59    0.050    0.035    0.050    0.036   575.08   200.00
 0.000031    1064.    1064.    1064.        2        0        0     0.00   390.00   590.00

CCHV=   0.300 CEHV=   0.500
*SECNO 8164.000
3280 CROSS SECTION   8164.00 EXTENDED      1.17 FEET

   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        CLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA     LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       FLMIN      SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IH2       ICONT     CORAR     TOPWID     ENDST

3470 ENCROACHMENT STATIONS=     170.0     530.0  TYPE=     1  TARGET=     360.000

        D/S OF MARIAN DR.

  8164.00    11.09   586.17     0.00   586.08   586.23     0.07     0.01     0.03   577.41
    1820.     462.    1049.     309.     489.     405.     226.     153.      29.   577.56
     0.83     0.94     2.59     1.37    0.040    0.035    0.040    0.036   575.08   170.00
 0.000178     172.     172.     172.        2        0        0     0.00   360.00   530.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
SB   XK        XKOR      COFI      ROLFN     BUC       UMP       BAREA     SB        ELCHU     ELCHD
     0.20      1.55      1.00      0.00      52.00     0.00      409.76    0.00      575.08    575.08

CCHV=   0.300 CEHV=   0.500
*SECNO 8220.000
3280 CROSS SECTION   8220.00 EXTENDED      0.36 FEET

PRESSURE AND WEIR FLOW

 EGPRS      EGLNC      HS        QWEIR      QPR       BAREA     TRAPEZOID     ELEC      ELTRD
                                                                AREA
   586.63    586.40     0.00      796.      1019.      410.      410.      582.56    584.70

3470 ENCROACHMENT STATIONS=     170.0     530.0  TYPE=     1  TARGET=     360.000

        U/S OF MARIAN DR.

  8220.00    11.06   586.26     0.00   586.18   586.31     0.05     0.08     0.00   577.46
    1820.     532.    1065.     223.     632.     405.     202.     154.      29.   577.61
     0.84     0.83     2.19     1.11    0.040    0.035    0.040    0.036   575.20   170.00
 0.000126      56.      56.      56.        2        0        5     0.00   360.00   530.00

CCHV=   0.100 CEHV=   0.300
*SECNO 8270.000

3265 DIVIDED FLOW
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3280 CROSS SECTION 8270.00 EXTENDED 0.37 FEET

3470 ENCROACHMENT STATIONS=		67.0	574.0	TYPE= 1	TARGET=	507.000			
8270.00	11.07	586.27	0.00	586.19	586.32	0.05	0.01	0.00	577.46
1820.	504.	1092.	224.	709.	485.	282.	156.	30.	577.61
0.85	0.66	2.25	0.79	0.050	0.035	0.050	0.036	575.20	67.00
0.000133	50.	50.	50.	0	0	0	0.00	476.44	574.00

*SECNO 9426.000

3470 ENCROACHMENT STATIONS=		450.0	640.0	TYPE= 1	TARGET=	190.000			

SECTION SAME AS 6834

9426.00	11.48	586.45	0.00	586.36	586.48	0.05	0.16	0.00	579.45
1820.	538.	856.	426.	415.	362.	427.	192.	39.	576.15
1.04	1.30	2.37	1.00	0.050	0.035	0.050	0.036	574.95	450.00
0.000146	1156.	1156.	1156.	1	0	0	0.00	190.00	640.00

*SECNO 10844.000

3470 ENCROACHMENT STATIONS=		330.0	530.0	TYPE= 1	TARGET=	200.000			
10844.00	10.07	586.62	0.00	586.55	586.68	0.06	0.19	0.00	576.60
1820.	282.	1349.	189.	363.	603.	171.	230.	45.	576.60
1.24	0.82	2.24	1.11	0.050	0.035	0.050	0.036	576.55	330.00
0.000128	1418.	1418.	1418.	1	0	0	0.00	200.00	530.00

CCHV= 0.300 CEHV= 0.500

*SECNO 10994.030

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	EL	CLOSS	BANK ELEV
Q	QLOB	QCH	QROB	FLOB	FCH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBT	TYPICAL	IN2	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS=		330.0	530.0	TYPE= 1	TARGET=	200.000			

D/S OF WEST RD.

10994.30	10.09	586.64	0.00	586.57	586.70	0.06	0.02	0.00	576.60
1120.	275.	1369.	132.	345.	604.	171.	254.	45.	576.60
1.20	0.71	2.21	1.05	0.060	0.040	0.050	0.036	576.55	330.00
0.000170	150.	150.	150.	1	0	0	0.00	200.00	530.00

SPECIAL BRIDGE

5270.VARIABLE ELCHU OR ELCHD ON CARD SH NOT SPECIFIED

SS	XK	XKCR	COPC	ROLEN	DPC	BPF	BAREA	SS	ELCHU	ELCHD
	1.05	2.19	3.00	0.30	60.02	3.02	305.20	1.75	576.55	576.35

*SECNO 11078.030

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	HS	QWEIR	QPR	UAREA	TRAPEZOID AREA	ELLC	ELTRD

FORM 5411-B-PRINTED BY HOTAS - MANN OLD FORM3

586.97	586.38	0.00	219.	1386.	585.	539.	584.25	586.10	

3470 ENCROACHMENT STATIONS= 345.0 532.0 TYPE= 1 TARGET= 187.000

U/S OF WEST RD.

11078.00	10.17	586.72	0.00	586.66	586.89	0.17	0.19	0.00	578.92
1320.	676.	861.	303.	371.	189.	203.	236.	46.	578.62
1.27	1.82	4.44	1.49	0.060	0.040	0.060	0.036	576.55	345.00
0.000788	34.	34.	84.	2	0	5	0.00	187.00	532.00

*SECNO 11148.000

3470 ENCROACHMENT STATIONS= 345.0 532.0 TYPE= 1 TARGET= 187.000

11148.00	10.24	586.79	0.00	586.73	586.94	0.16	0.05	0.00	578.92
1800.	671.	825.	303.	378.	191.	208.	257.	46.	578.62
1.28	1.78	4.33	1.46	0.060	0.040	0.060	0.036	576.55	345.00
0.000740	70.	70.	70.	2	0	0	0.00	187.00	532.00

CCHV= 0.300 CEHV= 0.500

*SECNO 12404.000

2800 NAT Q1= 1506.64 WSEL= 587.25 ENC Q1= 1506.66 WSEL= 587.35 RATIO= 0.0000

NAT Q1= 1553. RATIOS LOB,CH,ROB= 0.3511 0.4023 0.2466 WSEL= 587.35

3470 ENCROACHMENT STATIONS= 240.7 565.3 TYPE= 4 TARGET= 0.030

12404.00	12.37	587.29	0.00	587.25	587.33	0.04	0.05	0.04	577.92
1800.	621.	751.	429.	751.	333.	586.	272.	54.	577.92
1.55	0.95	2.26	0.73	0.060	0.035	0.070	0.036	574.92	245.74
0.000147	1256.	1256.	1256.	2	0	0	0.00	324.56	565.30

SPECIAL MESSAGE

5070,VARIABLE ELCHD OR SLCHD ON CARD SD NOT SPECIFIED

SD XX	XSOB	COEF	ORLEN	ENC	DMP	DAREA	SS	ELCHD	ELCHD
1.20	1.55	2.50	0.00	20.50	0.47	64.80	0.00	574.92	574.92

*SECNO 12414.000

2800 NAT Q1= 1537.80 WSEL= 587.31 ENC Q1= 1537.80 WSEL= 587.41 RATIO= 0.0001

NAT Q1= 1584. RATIOS LOB,CH,ROB= 0.3339 0.3936 0.2676 WSEL= 587.41

PRESSURE AND MOM FLOW

ESTRS	WSEL,C	FR	QWEIR	WER	DAREA	TRRP,2010 AREA	ELCC	ELTRD
597.79	587.45	0.05	1525.	175.	85.	4...	577.92	581.51

3470 ENCROACHMENT STATIONS= 236.2 566.2 TYPE= 4 TARGET= 0.029

12414.00	12.44	587.36	0.00	587.31	587.39	0.04	0.05	0.00	577.92
1800.	626.	765.	431.	769.	335.	593.	273.	56.	577.92
1.53	0.97	2.22	0.72	0.060	0.035	0.070	0.036	574.92	256.24
0.000141	10.	10.	10.	2	0	0	0.00	329.94	566.15

*SECNO 13397.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
ID	WLOB	WCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT

TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IN2	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=			180.0	740.0	TYPE=	1	TARGET=	560.000	
13397.00	9.45	587.49	0.00	587.44	587.50	0.01	0.10	0.01	578.10
1800.	520.	270.	1010.	907.	170.	1732.	324.	63.	578.10
1.91	0.57	1.59	0.58	0.060	0.035	0.070	0.036	578.04	180.00
0.000071	992.	992.	992.	1	0	0	0.00	520.69	700.69

CCHV= 0.300 CEHV= 0.500

*SECNO 13597.000

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

D/S OF HARRISON RD.

13597.00	9.46	587.50	0.00	587.46	587.51	0.01	0.01	0.00	578.10
1800.	531.	241.	1029.	910.	170.	1737.	337.	66.	578.10
1.99	0.58	1.42	0.59	0.060	0.040	0.070	0.036	578.04	180.00
0.000073	200.	200.	200.	0	0	0	0.00	520.69	700.69

SPECIAL BRIDGE

5070.VARIABLE ELCHD OR ELCHD ON CARD SC NOT SPECIFIED

SK	XK	XKOR	CORD	RDLEN	RWC	SWP	BAREA	SS	ELCHD	ELCHD
	0.00	1.50	3.00	0.00	55.00	0.00	979.50	0.00	578.04	578.04

*SECNO 13653.000

5070.LOW FLOW BY NORMAL BRIDGE

CRPRS= 584.703 ESL.C= 587.209 ELLC= 584.940 RCHSE= 587.504 ELTRD= 584.070

5370 NORMAL BRIDGE.NRD= 12 MIN ELTRD= 584.07 MAX ELLC= 586.94

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

U/S OF HARRISON RD.

13653.00	9.36	587.66	0.00	587.61	587.58	0.12	0.01	0.00	578.24
1800.	492.	546.	565.	357.	123.	425.	359.	66.	578.14
1.99	1.08	4.42	1.55	0.060	0.040	0.070	0.035	578.10	180.00
0.000272	56.	56.	56.	2	2	2	-1135.21	560.00	740.00

CCHV= 1.100 CEHV= 0.300

*SECNO 13703.000

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

13703.00	9.49	587.59	0.00	587.54	587.61	0.02	0.02	0.01	578.14
1800.	530.	364.	909.	752.	170.	1234.	341.	67.	578.14
2.01	0.63	3.25	0.75	0.060	0.035	0.070	0.036	578.10	180.00
0.000165	50.	50.	50.	2	0	0	0.00	560.00	740.00

*SECNO 13365.000

2800 NAT 01= 2162.48 WSEL= 587.72 ENC 01= 2162.48 WSEL= 587.82 RATIO= 0.0000

NAT 01= 2254. RATIOS LOB.CH.ROB= 0.3972 0.1671 0.4357 WSEL= 587.82

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3470 ENCROACHMENT STATIONS= 152.3 984.3 TYPE= 4 TARGET= 0.040

SECTION SAME AS 825

15365.00	9.78	587.76	0.00	587.72	587.77	0.01	0.15	0.00	579.68
1800.	705.	318.	777.	1365.	201.	1539.	441.	94.	578.78
2.67	0.52	1.38	0.50	0.060	0.035	0.060	0.036	577.90	151.99
0.000073	1662.	1662.	1662.	0	0	0	0.00	632.35	964.34

*SECNO 15374.000
2800 NAT Q1= 1796.53 WSEL= 587.71 ENC Q1= 1796.53 WSEL= 587.81 RATIO= 0.0000
NAT Q1= 1861. RATIOS LOB,CH,ROB= 0.3640 0.2335 0.4024 WSEL= 587.81

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNLCH	XNR	XTN	ELFIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IN2	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 139.6 692.1 TYPE= 4 TARGET= 0.035

PROFILE LINE C 215: SOUTH OF PROPOSED SUB.

15374.00	9.96	587.76	0.00	587.71	587.78	0.02	0.00	0.00	577.60
1800.	645.	439.	715.	946.	219.	1173.	441.	96.	577.80
2.67	0.63	2.00	0.61	0.060	0.035	0.060	0.036	577.60	139.57
0.000104	9.	9.	9.	0	0	0	0.00	552.56	692.12

*SECNO 15534.000
2800 NAT Q1= 2217.26 WSEL= 587.74 ENC Q1= 2219.25 WSEL= 587.64 RATIO= 0.0020
NAT Q1= 2314. RATIOS LOB,CH,ROB= 0.3553 0.1023 0.2420 WSEL= 587.64
3280 CROSS SECTION 15534.00 EXTENDED 0.47 FEET

3470 ENCROACHMENT STATIONS= 46.2 808.5 TYPE= 4 TARGET= 0.049

DOWNSTREAM OF SUBDIVISION

15534.00	9.78	587.78	0.00	587.76	587.79	0.01	0.01	0.00	578.00
1800.	1011.	345.	444.	1597.	215.	1154.	451.	96.	578.00
2.75	0.63	1.61	0.59	0.060	0.035	0.060	0.036	578.00	46.21
0.000069	150.	150.	150.	0	0	0	0.00	762.27	820.48

*SECNO 15504.000
2300 NAT Q1= 2229.70 WSEL= 587.76 ENC Q1= 2229.70 WSEL= 587.64 RATIO= 0.0000
NAT Q1= 2317. RATIOS LOB,CH,ROB= 0.3557 0.1021 0.2022 WSEL= 587.64
3280 CROSS SECTION 15504.00 EXTENDED 0.48 FEET

3470 ENCROACHMENT STATIONS= 46.2 822.5 TYPE= 4 TARGET= 0.050

PROFILE LINE H 3164 SOUTH OF KING RD. SOUTH LINE OF PROP. SUB.

15504.00	9.78	587.78	0.00	587.74	587.80	0.01	0.00	0.00	578.00
1800.	1007.	345.	449.	1592.	215.	1155.	454.	97.	578.00
2.75	0.63	1.60	0.59	0.060	0.035	0.060	0.036	578.00	48.27
0.000068	50.	57.	50.	0	0	0	0.00	774.31	822.52

*SECNO 15634.000
2800 NAT Q1= 2231.63 WSEL= 587.74 ENC Q1= 2231.63 WSEL= 587.84 RATIO= 0.0000
NAT Q1= 2320. RATIOS LOB/CH/ROB= 0.5555 0.1820 0.2625 WSEL= 587.84
3280 CROSS SECTION 15634.00 EXTENDED 0.49 FEET

3470 ENCROACHMENT STATIONS= 48.4 821.7 TYPE= 4 TARGET= 0.038

DUMMY SECT. 50 FT.INSIDE S. PROP-LINE REPEAT SECT.15534 W/PROP. ELEV.

15634.00	9.79	587.79	0.00	587.74	587.80	0.01	0.00	0.00	576.00
1800.	1007.	344.	449.	1593.	215.	1155.	456.	98.	578.00
2.76	0.63	1.60	0.39	0.060	0.035	0.060	0.036	576.00	46.40
0.000068	50.	50.	50.	0	0	0	0.00	773.29	821.68

*SECNO 15890.000
2800 NAT Q1= 2040.36 WSEL= 587.76 ENC Q1= 2040.36 WSEL= 587.86 RATIO= 0.0000
NAT Q1= 2122. RATIOS LOB/CH/ROB= 0.4501 0.1695 0.3804 WSEL= 587.86

3470 ENCROACHMENT STATIONS= 49.2 770.9 TYPE= 4 TARGET= 0.039

PROFILE LINE A 310; SOUTH OF KING RD.

15890.00	9.30	587.80	0.00	587.76	587.82	0.01	0.02	0.00	578.30
1800.	810.	351.	632.	1229.	209.	1300.	475.	102.	576.30
2.83	0.66	1.71	0.49	0.060	0.035	0.060	0.036	578.30	49.23
0.000081	256.	256.	256.	0	0	0	0.00	721.64	770.86

*SECNO 16085.000
2800 NAT Q1= 2165.59 WSEL= 587.77 ENC Q1= 2165.59 WSEL= 587.87 RATIO= 0.0000
NAT Q1= 2256. RATIOS LOB/CH/ROB= 0.4440 0.2170 0.3390 WSEL= 587.87

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	SLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	XTR	CLMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IT2	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 245.3 732.2 TYPE= 4 TARGET= 0.030

16085.00	10.19	587.82	0.00	587.77	587.83	0.01	0.01	0.00	577.70
1800.	797.	404.	598.	1273.	244.	1031.	486.	105.	577.70
2.92	0.62	1.66	0.59	0.060	0.035	0.060	0.036	577.63	245.26
0.000060	195.	195.	195.	0	0	0	0.00	686.96	732.23

CCHV= 0.500 CEHV= 0.500
*SECNO 16235.000
2800 NAT Q1= 2135.38 WSEL= 587.79 ENC Q1= 2135.38 WSEL= 587.89 RATIO= 0.0000
NAT Q1= 2214. RATIOS LOB/CH/ROB= 0.4555 0.1948 0.3488 WSEL= 587.89

3470 ENCROACHMENT STATIONS= 245.3 732.2 TYPE= 4 TARGET= 0.031

D/S OF KING RD.

16235.30	10.21	587.85	0.06	587.79	587.84	0.01	0.01	0.00	577.70
1800.	821.	364.	616.	1280.	244.	1035.	495.	107.	577.70
2.97	0.64	1.69	0.60	0.060	0.040	0.060	0.036	577.63	245.32
0.000073	150.	150.	150.	0	0	0	0.00	686.86	732.18

FORM 370 RE-PRINTED BY ROTARY MANIFOLD FORMS

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XR	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.77	3.00	0.00	19.00	0.00	82.23	0.23	577.03	577.63

*SECNO 16285.000

2800 NAT Q1= 1922.68 WSEL= 587.84 ENC Q1= 1922.68 WSEL= 587.94 RATIO= 0.0000

NAT Q1= 2007. RATIOS LOB,CH,ROB= 0.3125 0.1840 0.5035 ESEL= 587.94

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
601.00	587.95	0.00	1671.	123.	82.	85.	583.52	584.99

3470 ENCROACHMENT STATIONS= 189.6 977.8 TYPE= 4 TARGET= 0.042

U/S OF KING RD.

16285.00	10.13	587.88	0.00	587.94	587.99	0.01	0.05	0.00	576.60	
1300.	544.	350.	307.	1046.	220.	1578.	496.	108.	579.50	
2.99	0.52	1.59	0.57	0.060	0.040	0.060	0.036	577.70	189.52	
0.000092	50.	50.	50.	2	0	8	0.00	768.21	977.79	

CCHV= 0.100 CEHV= 0.300

*SECNO 16335.000

2600 NAT Q1= 1597.70 WSEL= 587.84 ENC Q1= 1597.70 WSEL= 587.94 RATIO= 0.0000

NAT Q1= 1663. RATIOS LOB,CH,ROB= 0.2261 0.2537 0.5203 ESEL= 587.94

3470 ENCROACHMENT STATIONS= 199.2 913.5 TYPE= 4 TARGET= 0.039

16335.00	10.18	587.88	0.00	587.94	587.99	0.02	0.01	0.00	578.50	
1300.	524.	422.	537.	1021.	220.	1590.	502.	108.	579.50	
3.50	0.96	2.17	0.59	0.108	0.035	0.070	0.058	577.73	199.57	
0.000137	50.	30.	50.	0	3	2	0.00	784.37	983.56	

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 31
MODIFICATION - 50,51,52

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FRANK AND POET DRAIN

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
4617.000	351.00	0.00	0.00	572.46	1820.00	584.64	C.00	584.68	0.70	1.88	2063.53	2171.61
4617.000	351.00	0.00	0.00	572.46	1820.30	584.64	C.00	584.68	0.73	1.92	1930.44	2131.44
4797.000	260.00	0.00	0.00	572.46	1820.00	584.66	0.00	584.69	0.88	1.65	1806.85	1942.07
4797.000	260.00	0.00	0.00	572.46	1320.00	584.66	C.00	584.70	0.92	1.93	1632.75	1894.32
4848.000	51.00	583.40	579.86	572.46	1820.00	584.74	C.00	584.83	1.45	2.66	1216.26	1509.49
4848.000	51.00	583.40	579.86	572.46	1820.00	584.73	C.00	584.83	1.52	2.72	1081.25	1474.13
4919.000	71.00	0.00	0.00	572.46	1820.00	584.75	0.00	584.84	1.45	2.66	1220.11	1512.74
4919.000	71.00	0.00	0.00	572.46	1820.00	584.74	0.00	584.84	1.52	2.72	1083.37	1477.21
4990.000	71.00	0.00	0.00	572.10	1820.00	584.81	C.00	584.86	0.92	2.14	1656.50	1896.49
4990.000	71.00	0.00	0.00	572.10	1820.00	584.12	C.00	584.86	1.19	2.08	1715.26	1867.69
5041.000	51.00	582.97	582.25	572.60	1820.00	584.84	0.00	584.90	1.20	2.37	1545.16	1659.05
5041.000	51.00	582.97	582.25	572.60	1820.00	584.85	0.00	584.91	1.36	2.32	1418.04	1655.45
5261.000	220.00	0.00	0.00	572.60	1820.00	584.91	0.00	584.96	8.62	0.00	373.34	619.94
5261.000	220.00	0.00	0.00	572.60	1820.00	584.92	0.00	584.96	8.51	0.00	378.77	623.79
5525.000	264.00	0.00	0.00	572.27	1820.00	584.97	0.00	585.04	1.47	2.80	1456.49	1498.72
5525.000	264.00	0.00	0.00	572.27	1820.00	584.99	0.00	585.07	1.53	2.86	1424.57	1470.56
5649.000	124.00	0.00	0.00	572.27	1820.00	584.99	0.00	585.07	1.68	2.99	1497.93	1405.79
5649.000	124.00	0.00	0.00	572.27	1820.00	585.01	0.00	585.09	1.66	2.96	1506.32	1414.36
5681.000	32.00	582.23	578.33	572.10	1820.00	585.06	0.00	585.10	0.97	2.06	1932.13	1843.20
5681.000	32.00	582.23	578.33	572.10	1820.00	585.09	0.00	585.12	0.96	2.06	1941.03	1853.20
5800.000	119.00	0.00	0.00	572.10	1820.00	585.08	0.00	585.11	0.77	1.83	2094.23	2077.10
5800.000	119.00	0.00	0.00	572.10	1820.00	585.11	0.00	585.13	0.76	1.83	2101.05	2080.59
5932.000	132.00	0.00	0.00	571.90	1820.00	585.08	0.00	585.14	1.05	2.42	1529.94	1770.12
5932.000	132.00	0.00	0.00	571.90	1820.00	585.10	0.00	585.16	1.04	2.41	1737.04	1786.14
6022.000	90.00	582.30	579.33	572.05	1820.00	585.15	0.00	585.21	1.07	2.44	1664.85	1761.15
6022.000	90.00	582.30	579.33	572.05	1820.00	585.17	0.00	585.24	1.05	2.43	1691.68	1769.04

FORM 1411 GB PRINTED BY ROTARY MANIFOLD FORMS

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	1OK*S	VCH	AREA	.01K
6100.000	73.00	0.00	0.00	574.80	1820.00	585.16	0.00	585.22	1.67	2.75	1622.10	1330.46
6100.000	73.00	0.00	0.00	574.80	1820.00	585.18	0.00	585.25	1.85	2.74	1627.36	1537.21
6270.000	194.00	0.00	0.00	574.80	1820.00	585.05	0.00	585.48	10.39	5.25	346.73	564.47
6270.000	194.00	0.00	0.00	574.80	1820.00	585.06	0.00	585.51	16.73	5.23	347.90	444.97
6282.000	12.00	587.70	584.20	574.90	1820.00	585.28	0.00	585.82	12.46	5.87	310.04	515.16
6282.000	12.00	587.70	584.20	574.90	1820.00	585.38	0.00	585.91	12.12	5.82	312.97	522.78
6332.000	50.00	0.00	0.00	575.00	1820.00	585.86	0.00	585.97	5.27	3.29	834.37	1069.37
6332.000	50.00	0.00	0.00	575.00	1820.00	585.95	0.00	586.06	3.17	3.25	842.59	1021.47
6928.000	596.00	0.00	0.00	573.66	1820.00	586.04	0.00	586.06	0.73	1.80	2646.18	2136.35
6928.000	596.00	0.00	0.00	573.66	1820.00	586.12	0.00	586.15	0.70	1.77	2691.92	2163.00
7992.000	1064.00	0.00	0.00	573.08	1820.00	586.10	0.00	586.11	0.32	1.19	2626.67	3200.13
7992.000	1064.00	0.00	0.00	573.08	1820.00	586.18	0.00	586.19	0.31	1.18	2658.66	3259.21
8164.000	172.00	0.00	0.00	573.08	1820.00	586.08	0.00	586.15	1.88	2.65	1009.10	1326.44
8164.000	172.00	0.00	0.00	573.08	1820.00	586.17	0.00	586.23	1.78	2.59	1119.24	1365.72
8220.000	56.00	584.30	582.96	573.20	1820.00	586.18	0.00	586.24	1.33	2.24	1296.24	1577.63
8220.000	56.00	584.30	582.96	573.20	1820.00	586.26	0.00	586.31	1.26	2.19	1324.45	1618.18
8270.000	50.00	0.00	0.00	573.20	1820.00	586.19	0.00	586.24	1.40	2.30	1499.03	1538.26
8270.000	50.00	0.00	0.00	573.20	1820.00	586.27	0.00	586.32	1.33	2.25	1536.25	1579.59
9426.000	1156.00	0.00	0.00	574.95	1820.00	586.36	0.00	586.41	1.51	2.39	1190.19	1460.57
9426.000	1156.00	0.00	0.00	574.95	1820.00	586.45	0.00	586.48	1.46	2.37	1205.60	1504.52
10644.000	1218.00	0.00	0.00	576.55	1820.00	586.35	0.00	586.41	1.32	2.26	1104.15	1585.64
10644.000	1218.00	0.00	0.00	576.55	1820.00	586.62	0.00	586.66	1.26	2.24	1116.30	1617.61
10994.000	150.00	0.00	0.00	575.55	1820.00	586.57	0.00	586.64	1.75	2.28	1137.16	1375.03
10994.000	150.00	0.00	0.00	575.55	1820.00	586.64	0.00	586.70	1.70	2.26	1149.92	1394.26
11078.000	84.00	586.10	584.25	575.55	1820.00	586.66	0.00	586.64	6.18	4.51	753.12	636.52
11078.000	84.00	586.10	584.25	575.55	1820.00	586.72	0.00	586.77	7.08	4.44	755.90	648.33
11148.000	70.00	0.00	0.00	575.55	1820.00	586.73	0.00	586.80	7.00	4.33	765.86	650.49
11148.000	70.00	0.00	0.00	575.55	1820.00	586.79	0.00	586.94	7.63	4.35	776.15	661.87
12404.000	1256.00	0.00	0.00	574.92	1820.00	587.25	0.00	587.26	.48	2.22	1799.15	1506.34
12404.000	1256.00	0.00	0.00	574.92	1820.00	587.29	0.00	587.33	1.47	2.20	1871.56	1483.75
12414.000	10.00	581.51	579.92	574.92	1820.00	587.31	0.00	587.35	1.37	2.16	1861.27	1537.61
12414.000	10.00	581.51	579.92	574.92	1820.00	587.36	0.00	587.39	1.41	2.22	1732.46	1515.11
13397.000	983.00	0.00	0.00	573.04	1820.00	587.44	0.00	587.45	0.73	1.51	2703.69	2109.96
13397.000	983.00	0.00	0.00	573.04	1820.00	587.48	0.00	587.50	0.71	1.49	2806.48	2159.59
13597.000	200.00	0.00	0.00	573.04	1820.00	587.45	0.00	587.47	0.75	1.45	2791.83	2079.67
13597.000	200.00	0.00	0.00	573.04	1820.00	587.50	0.00	587.51	0.75	1.42	2816.49	2106.02
13653.000	56.00	584.07	584.94	573.10	1820.00	587.51	0.00	587.54	29.13	4.54	634.27	335.46
13653.000	56.00	584.07	584.94	573.10	1820.00	587.58	0.00	587.58	27.72	4.45	904.36	341.96

SECNO	XLCN	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.C1K
13703.000	50.00	0.00	0.00	578.10	1800.00	587.56	0.00	587.57	1.65	2.28	2103.23	1495.06
13703.000	50.00	0.00	0.00	578.10	1800.00	587.59	0.00	587.61	1.40	2.25	2126.74	1519.03
15365.000	1662.00	0.00	0.00	577.98	1800.00	587.72	0.00	587.73	0.69	1.53	3281.96	2162.48
15365.000	1662.00	0.00	0.00	577.98	1800.00	587.76	0.00	587.77	0.73	1.58	3105.73	2107.46
15374.000	9.00	0.00	0.00	577.80	1800.00	587.71	0.00	587.73	1.00	1.96	2506.75	1796.53
15374.000	9.00	0.00	0.00	577.80	1800.00	587.76	0.00	587.78	1.04	2.00	2338.85	1765.42
15534.000	160.00	0.00	0.00	578.00	1800.00	587.74	0.00	587.75	0.66	1.57	3160.79	2219.26
15534.000	160.00	0.00	0.00	578.00	1800.00	587.78	0.00	587.79	0.69	1.61	2945.73	2173.62
15584.000	50.00	0.00	0.00	578.00	1800.00	587.74	0.00	587.75	0.65	1.56	3172.50	2229.70
15584.000	50.00	0.00	0.00	578.00	1800.00	587.78	0.00	587.80	0.68	1.60	2952.31	2183.43
15634.000	50.00	0.00	0.00	578.00	1800.00	587.74	0.00	587.75	0.65	1.56	3174.66	2231.65
15634.000	50.00	0.00	0.00	578.00	1800.00	587.79	0.00	587.80	0.68	1.60	2963.37	2185.60
15890.000	256.00	0.00	0.00	578.30	1800.00	587.76	0.00	587.77	0.78	1.68	2919.42	2040.36
15890.000	256.00	0.00	0.00	578.30	1800.00	587.80	0.00	587.82	0.81	1.71	2730.04	2002.82
16085.000	195.00	0.00	0.00	577.63	1800.00	587.77	0.00	587.79	0.66	1.63	2673.06	2188.59
16085.000	195.00	0.00	0.00	577.63	1800.00	587.82	0.00	587.83	0.69	1.66	2552.73	2160.09
16235.000	150.00	0.00	0.00	577.63	1800.00	587.79	0.00	587.80	0.71	1.47	2684.18	2135.38
16235.000	150.00	0.00	0.00	577.63	1800.00	587.83	0.00	587.84	0.73	1.49	2557.50	2105.84
16285.000	50.00	556.99	523.52	577.70	1800.00	587.84	0.00	587.85	0.88	1.55	3195.46	1922.66
16285.000	50.00	556.99	586.52	577.70	1800.00	587.88	0.00	587.89	0.92	1.59	2842.95	1881.06
16335.000	50.00	0.00	0.00	577.70	1800.00	587.86	0.00	587.86	1.27	2.14	3192.03	1597.76
16335.000	50.00	0.00	0.00	577.70	1800.00	587.88	0.00	587.90	1.31	2.18	2830.92	1569.90

FORM 1411-SB PRINTED BY STAR MANIFOLD FORMS

FRANK AND POET DRAIN

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIF#SP	DIF#SX	DIFKWS	TOPWID	XLCH
4617.000	1820.00	584.64	0.00	0.00	0.00	372.62	351.00
4617.000	1820.00	584.66	0.00	0.00	0.00	292.54	351.00
4797.000	1820.00	584.66	0.00	0.02	0.00	351.05	260.00
4797.000	1820.00	584.66	0.00	0.02	0.00	366.48	260.00
4848.000	1820.00	584.74	0.00	0.08	0.00	464.05	51.00
4848.000	1820.00	584.73	0.00	0.07	-0.01	285.02	51.00
4919.000	1820.00	584.75	0.00	0.01	0.00	464.63	71.00
4919.000	1820.00	584.74	0.00	0.01	-0.01	284.52	71.00
4990.000	1820.00	584.81	0.00	0.06	0.00	568.09	71.00
4990.000	1820.00	584.82	0.00	0.08	0.01	462.59	71.00
5041.000	1820.00	584.84	0.00	0.03	0.00	514.50	51.00
5041.000	1820.00	584.85	0.00	0.03	0.01	359.85	51.00
5261.000	1820.00	584.90	0.00	0.06	0.00	544.05	270.00
5261.000	1820.00	584.92	0.00	0.07	0.02	342.61	270.00
5525.000	1820.00	584.97	0.00	0.08	0.00	560.06	264.00
5525.000	1820.00	584.99	0.00	0.08	0.02	309.20	264.00
5649.000	1820.00	594.99	0.00	0.01	0.00	558.02	124.00
5649.000	1820.00	595.01	0.00	0.02	0.02	359.13	124.00
5681.000	1820.00	585.06	0.00	0.06	0.00	564.63	32.00
5681.000	1820.00	585.09	0.00	0.08	0.02	364.00	32.00
5850.000	1820.00	595.05	0.00	0.02	0.00	525.00	119.00
5850.000	1820.00	595.11	0.00	0.02	0.02	325.00	119.00
5958.000	1820.00	595.05	0.00	-0.01	0.00	303.00	108.00
5958.000	1820.00	595.10	0.00	-0.01	0.02	203.00	108.00
6022.000	1820.00	595.15	0.00	0.07	0.00	303.00	64.00
6022.000	1820.00	595.17	0.00	0.07	0.02	303.00	64.00
6100.000	1820.00	595.14	0.00	0.01	0.00	252.00	78.00
6100.000	1820.00	595.17	0.00	0.01	0.02	452.00	78.00
6270.000	1820.00	595.03	0.00	-0.11	0.00	54.00	170.00
6270.000	1820.00	595.03	0.00	-0.10	0.03	54.03	170.00
6282.000	1820.00	595.28	0.00	0.25	0.00	30.00	12.00
6282.000	1820.00	595.38	0.00	0.30	0.10	30.00	12.00
6332.000	1820.00	595.36	0.00	0.28	0.00	90.03	50.00
6332.000	1820.00	595.95	0.00	0.31	0.04	90.03	50.00
6926.000	1820.00	596.04	0.00	0.18	0.00	538.38	594.00
6926.000	1820.00	596.12	0.00	0.17	0.08	538.39	594.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
7992.000	1820.00	586.10	0.00	0.06	0.00	390.00	1064.00
7992.000	1820.00	586.18	0.00	0.06	0.08	390.00	1064.00
8164.000	1820.00	586.08	0.00	-0.02	0.00	360.00	172.00
8164.000	1820.00	586.17	0.00	-0.02	0.06	360.00	172.00
8220.000	1820.00	586.18	0.00	0.10	0.00	360.00	56.00
8220.000	1820.00	586.26	0.00	0.10	0.08	360.00	56.00
8270.000	1820.00	586.19	0.00	0.01	0.00	476.42	50.00
8270.000	1820.00	586.27	0.00	0.01	0.08	476.44	50.00
9426.000	1820.00	586.36	0.00	0.17	0.00	190.00	1156.00
9426.000	1820.00	586.43	0.00	0.16	0.07	190.00	1156.00
10844.000	1820.00	586.55	0.00	0.19	0.00	200.00	1418.00
10844.000	1820.00	586.62	0.00	0.19	0.06	200.00	1418.00
10994.000	1820.00	586.57	0.00	0.02	0.00	200.00	150.00
10994.000	1820.00	586.64	0.00	0.02	0.06	200.00	150.00
11078.000	1820.00	586.66	0.00	0.09	0.00	187.00	84.00
11078.000	1820.00	586.72	0.00	0.08	0.06	187.00	84.00
11148.000	1800.00	586.73	0.00	0.07	0.00	187.00	70.00
11148.000	1800.00	586.79	0.00	0.07	0.05	187.00	70.00
12404.000	1800.00	587.25	0.00	0.51	0.00	462.43	1256.00
12404.000	1800.00	587.29	0.00	0.51	0.05	324.56	1256.00
12414.000	1800.00	587.31	0.00	0.07	0.00	467.33	10.00
12414.000	1800.00	587.36	0.00	0.06	0.04	379.94	10.00
13397.000	1800.00	587.44	0.00	0.13	0.00	520.68	992.00
13397.000	1800.00	587.49	0.00	0.13	0.05	520.69	992.00
13597.000	1800.00	587.46	0.00	0.02	0.00	520.68	200.00
13597.000	1800.00	587.50	0.00	0.02	0.05	520.69	200.00
13653.000	1800.00	587.41	0.00	-0.05	0.00	560.00	56.00
13653.000	1800.00	587.46	0.00	-0.04	0.05	560.00	56.00
13703.000	1800.00	587.54	0.00	0.13	0.00	560.00	50.00
13703.000	1800.00	587.59	0.00	0.13	0.04	560.00	50.00
15365.000	1800.00	587.72	0.00	0.12	0.00	947.89	1662.00
15365.000	1800.00	587.76	0.00	0.18	0.04	832.35	1662.00
15374.000	1800.00	587.71	0.00	-0.01	0.00	731.77	9.00
15374.000	1800.00	587.76	0.00	-0.01	0.04	552.56	9.00
15534.000	1800.00	587.74	0.00	0.02	0.00	979.29	160.00
15534.000	1800.00	587.78	0.00	0.02	0.04	762.27	160.00
15584.000	1800.00	587.74	0.00	0.00	0.00	979.41	50.00
15584.000	1800.00	587.78	0.00	0.00	0.04	774.31	50.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
15634.000	1800.00	587.74	0.00	0.00	0.00	979.43	50.00
15634.000	1800.00	587.79	0.00	0.00	0.04	773.29	50.00
15890.000	1800.00	587.76	0.00	0.02	0.00	659.62	256.00
15890.000	1800.00	587.80	0.00	0.02	0.04	721.64	256.00
16085.000	1800.00	587.77	0.00	0.01	0.00	582.59	195.00
16085.000	1800.00	587.82	0.00	0.01	0.05	486.96	195.00
16235.000	1800.00	587.79	0.00	0.01	0.00	582.53	150.00
16235.000	1800.00	587.83	0.00	0.01	0.05	486.86	150.00
16285.000	1800.00	587.84	0.00	0.05	0.00	1171.74	50.00
16285.000	1800.00	587.88	0.00	0.05	0.04	784.21	50.00
16335.000	1800.00	587.84	0.00	-0.00	0.00	1171.20	50.00
16335.000	1800.00	587.88	0.00	-0.00	0.04	784.57	50.00

SUMMARY OF ERRORS

FLOODWAY DATA, FRANK AND POET DRAIN
PROFILE NO. 2

STATION	FLOODWAY WIDTH (FT)	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
4617.000	293.	1930.	0.9	584.6	584.6	0.0
4797.000	366.	1633.	1.1	584.7	584.7	0.0
4848.000	285.	1081.	1.7	584.7	584.7	0.0
4919.000	285.	1083.	1.7	584.7	584.7	0.0
4990.000	463.	1715.	1.1	584.8	584.8	0.0
5041.000	360.	1413.	1.3	584.8	584.8	0.0
5261.000	343.	879.	2.1	584.9	584.9	0.0
5525.000	309.	1405.	1.3	585.0	585.0	0.0
5649.000	328.	1506.	1.2	585.0	585.0	0.0
5681.000	384.	1941.	0.9	585.1	585.1	0.0
5800.000	325.	2102.	0.9	585.1	585.1	0.0
5938.000	303.	1707.	1.1	585.1	585.1	0.0
6022.000	303.	1692.	1.1	585.1	585.1	0.0
6100.000	252.	1628.	1.1	585.2	585.2	0.0
6270.000	34.	348.	5.2	585.0	585.0	0.0
6282.000	80.	313.	5.8	585.4	585.3	0.1
6332.000	90.	843.	2.2	586.0	585.9	0.1
6928.000	536.	2692.	0.7	586.1	586.0	0.1
7992.000	390.	2559.	0.7	586.2	586.1	0.1
8164.000	360.	1119.	1.6	586.2	586.1	0.1
8220.000	360.	1324.	1.4	586.3	586.2	0.1
8270.000	476.	1536.	1.2	586.3	586.2	0.1
9426.700	150.	1204.	1.5	586.5	586.4	0.1
10344.000	200.	1117.	1.6	586.7	586.6	0.1
10997.000	200.	1120.	1.6	586.7	586.6	0.1
11078.001	127.	764.	2.4	586.8	586.7	0.1
11148.001	127.	776.	2.3	586.8	586.7	0.1
12404.000	325.	1572.	1.1	587.2	587.2	0.0
12414.000	350.	1702.	1.1	587.3	587.3	0.0
13397.001	521.	2308.	0.8	587.4	587.4	0.0
13597.001	521.	2316.	0.8	587.5	587.5	0.0
13653.000	360.	904.	2.0	587.6	587.4	0.1
15703.000	560.	2127.	0.5	587.5	587.5	0.0
15365.000	832.	3106.	0.6	587.7	587.7	0.0
15374.000	533.	2359.	0.8	587.7	587.7	0.0
15534.000	762.	2946.	0.6	587.7	587.7	0.0
15534.000	776.	2982.	0.6	587.7	587.7	0.0
15534.000	773.	2968.	0.6	587.7	587.7	0.0
15390.000	725.	2733.	0.7	587.8	587.8	0.0
16085.000	437.	2553.	0.7	587.8	587.8	0.0
16235.000	437.	2551.	0.7	587.8	587.8	0.0
16285.000	788.	3043.	0.6	587.8	587.8	0.0
16335.000	784.	3031.	0.6	587.8	587.8	0.0

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**************************************************************
*                                                            *
*                    E R R O R   S U M M A R Y               *
*                                                            *
*                                                            *
*       0  ERROR(S) DETECTED BY THE USER PROGRAM             *
*       0  ERROR(S) DETECTED BY THE MATHEMATICAL PACKAGE     *
*       0  ERROR(S) DETECTED FOR INPUT/OUPUT STATEMENTS      *
*                                                            *
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Revised: 3/6/79

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR -  01
  MODIFICATION -  >D,JR,S2
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? what is this

Not the # support data for FIS!

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T1  CITY OF TRENTON FIS MUD 2011-07  FRANK & POST FROM KING ROAD TO VANCELAND RD
T2  FLOW LIMIT TO=1330 TO=1350 100 YO=1500 500 YR=2200 PATCH  GLEN ELLEN FIS
T3  FRANK & POST -TRENTON                    CHOKALTAS AT WHEELAND
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Right used to start, T.W are different from FIS

J2	NPLAN	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.000000	0.00	0.0		0.	582.720	0.000

J3	ITRACE	ICONT	METRIC	XSECV	XSECH	FN	ALLOC	IDC	CAREA	TAREA
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

J5 PRINT CODES FOR SUMMARY PRINTOUT

	34.000	56.000	4.330	7.000	23.706	0.000	0.000	0.000	0.000	0.000
	150.000	110.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

E1	1.200	2.000	0.000	6.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000
ET	1.300	253.000	1230.300	1190.000	1190.000	13[illegible].000	0.000	0.000	0.000	0.000	0.000
XE	0.200	1.380	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X-SECT. 0/S OF WHEELAND RD. FROM GLEN ELLEN FIS

X1	0.000	14.000	459.000	460.200	0.300	0.000	0.000	0.000	0.000	1.400	0.300
XE	0.000	0.000	0.000	100.300	0.200	710.000	0.200	0.300	0.000	0.000	0.300
GR	580.400	0.000	580.400	60.300	570.600	50.000	576.600	100.000	574.600	130.000	
G2	573.700	410.000	573.600	475.000	569.300	450.000	573.700	460.000	573.000	475.000	
GE	574.600	630.000	576.600	875.000	576.600	910.000	579.300	1330.000	0.000	0.300	
GT	0.000	770.000	1015.000	1135.000	1105.000	1345.200	0.300	0.000	0.000	0.300	

X-SECT. 1 FOOT D/S OF WHEELAND RD. GLEN. SECT. 10654.

X1	1.000	23.000	470.000	452.000	32.000	32.000	32.000	0.000	1.430	0.000	
XE	0.000	0.000	0.000	0.000	0.000	480.000	0.000	0.000	0.000	0.000	
GR	579.800	0.000	576.100	800.000	577.500	401.000	577.100	410.000	576.700	410.000	
GE	570.700	420.000	570.700	415.000	571.700	414.000	577.700	411.000	570.700	415.000	
GS	570.700	410.000	570.700	420.300	570.700	422.000	570.700	426.000	570.700	426.000	
GS	570.700	420.000	570.700	470.000	572.700	432.000	577.300	432.000	577.300	450.000	
GT	577.600	900.000	573.600	1050.300	0.300	0.000	0.300	0.300	0.000	0.000	
NC	0.020	0.010	0.032	0.100	0.100	0.030	0.300	0.000	0.020	0.100	

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X-SECT. D/S FACE OF VREELAND RD. GINR. SECT. 10695.

X1	2.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	680.000	0.000	0.000	0.000	0.000
BT	24.000	0.000	580.230	0.000	200.000	579.530	0.000	401.000	578.730	0.000
BT	401.000	578.730	0.000	406.000	578.730	0.000	410.000	578.730	574.130	412.000
BT	578.730	574.130	414.000	578.730	578.130	416.000	578.730	574.130	416.000	578.730
BT	572.130	418.000	578.730	572.130	419.000	572.730	574.130	420.000	578.730	576.130
BT	422.000	578.730	576.130	424.000	578.730	574.130	424.000	578.730	572.130	426.000
BT	578.730	572.130	426.000	578.730	574.130	428.000	576.730	576.130	430.000	578.730
BT	576.130	432.000	578.730	574.130	435.000	578.730	0.000	450.000	578.730	0.000
BT	460.000	578.730	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X-SECT. U/S FACE OF VREELAND RD. GINR. SECT. 10693.

X1	3.000	0.000	0.000	0.000	36.000	36.000	36.000	0.000	0.000	0.000
X2	0.000	0.000	0.300	0.000	0.000	0.000	1.000	0.000	0.000	0.000
X3	0.000	0.500	0.200	0.000	0.000	648.000	0.000	0.000	0.000	0.000
MC	0.065	0.065	0.042	0.000	0.000	0.060	0.060	0.000	0.000	0.000

X-SECT. 1 FOOT U/S OF VREELAND RD. GINR. SECT. 10694.

X1	1.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	648.000	0.000	0.000	0.000	0.000
BT	5.000	1250.000	1700.000	1650.000	1849.000	2247.000	0.000	0.000	0.000	0.000
BC	0.100	0.000	0.042	0.100	0.100	0.000	0.000	0.000	0.000	0.000

X1	237.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000

X1	1[illegible]	13.000	515.000	617.000	1026.000	1[illegible]	1[illegible]	0.000	0.000	0.000
X3	565.000	0.000	50.000	275.000	576.570	415.000	576.570	515.000	576.620	565.000
BT	571.250	611.000	571.300	615.000	571.270	625.000	571.300	617.000	575.540	640.000
BT	625.250	702.270	576.470	750.000	576.572	617.200	590.000	610.000	585.000	1002.000

X1	2175.000	25.000	550.000	952.300	790.000	720.300	720.300	0.000	0.000	0.000
X3	565.000	0.000	566.300	75.300	592.500	76.000	592.500	99.000	574.530	100.000
BT	49.500	761.300	592.300	231.300	592.500	622.300	592.500	235.000	580.000	101.000
BT	597.000	671.000	575.100	770.100	576.000	700.300	576.220	655.000	577.620	851.000
BT	581.000	0.000	175.000	100.000	577.427	630.500	577.500	773.000	575.230	911.000
BC	568.420	921.000	576.070	1052.300	576.175	1113.000	570.300	1150.000	585.000	1250.000

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X1	3389.000	12.000	685.000	714.020	520.000	520.000	556.000	0.200	0.000	0.000
GP	565.000	0.000	580.000	575.020	575.200	490.000	575.500	690.000	576.000	605.000
GR	574.000	561.000	573.500	700.000	574.000	714.000	576.000	719.000	578.000	810.000
GP	580.900	985.000	584.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.040	0.350	0.500	0.000	0.000	0.000	0.000	0.000

U/S FACE PENN CENTRAL

X1	3389.000	12.000	738.000	764.000	160.000	200.000	200.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	581.000	581.000	0.000
GR	585.000	0.000	580.000	200.000	577.200	491.000	576.000	611.000	576.020	733.000
GR	575.050	731.000	574.950	750.000	575.050	784.000	580.770	766.000	580.960	991.000
GR	550.000	1791.790	585.000	1795.000	0.000	0.000	0.000	0.000	0.000	0.000
GP	2.000	2.330	5.000	1390.000	17.070	0.000	85.500	0.000	574.952	574.950

U/S FACE PENN CENTRAL

X1	3403.000	10.000	791.000	812.000	14.000	14.000	14.001	0.000	0.000	0.000
X2	1.000	0.000	1.000	530.450	574.250	0.000	0.000	0.000	0.000	0.000
GR	565.000	0.000	562.000	510.000	583.520	705.000	575.050	791.000	574.950	800.000
GR	575.050	812.000	579.570	315.000	580.000	825.000	580.100	1110.000	585.000	1600.000
NC	0.080	0.040	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
GT	5.000	1243.000	1580.000	1320.000	1421.000	2230.000	0.000	0.000	0.000	0.000

BASED ON FIELD NOTES & QUAD MAP

X1	3443.000	14.000	670.000	758.000	50.500	45.000	45.000	0.000	0.000	0.000
GP	565.000	0.000	562.000	510.000	574.210	404.000	576.250	644.000	576.200	664.000
GR	573.000	670.000	573.500	700.000	574.000	740.000	577.270	715.500	577.200	814.000
GP	577.200	925.000	576.470	1004.000	530.200	1023.000	585.000	1500.000	0.000	0.000

ABANDONED ABUTMENT BY PENN CENTRAL R.R.

X1	3403.000	14.000	642.000	652.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	581.700	360.000	582.500	640.000	573.000	642.000
GR	572.500	650.000	573.000	650.000	581.900	660.000	582.400	690.000	581.600	770.000
GP	581.900	980.000	581.900	940.000	580.000	1100.000	585.000	1300.000	0.000	0.000

SECTION SAME AS 11770

X1	3521.000	17.000	591.000	609.000	53.000	35.000	35.000	0.000	0.000	0.000
GP	585.000	0.000	580.000	100.000	581.720	266.000	581.670	406.000	581.920	551.000
GR	581.820	589.000	574.720	591.000	572.120	600.000	572.020	600.000	580.420	611.000
GR	582.920	600.000	582.170	625.000	581.170	665.000	581.020	724.000	582.220	849.000
GP	582.170	900.000	585.000	1200.000	0.000	0.000	0.000	0.000	0.000	0.000

SECTION SAME AS 11796

X1	3256.000	21.000	364.000	326.000	745.000	745.000	745.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	125.000	574.770	170.000	575.470	303.000	574.470	345.000

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GR	577.270	338.000	577.470	343.000	577.470	346.000	577.570	353.000	577.320	362.000
GR	575.520	364.000	572.270	375.000	574.870	386.000	579.220	398.300	580.110	418.000
GR	580.020	478.000	580.220	500.000	580.670	515.000	580.460	510.000	582.850	500.000
GR	585.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.080	0.080	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

STOPPED AT HOUSE LINE PASED ON FIELD NOTES & QUAD MAP

X1	4617.000	15.000	260.000	310.000	351.000	351.000	351.000	0.000	0.000	0.000
GR	585.000	0.000	580.300	120.000	580.000	160.000	578.000	240.000	577.500	250.000
GR	572.500	260.000	572.460	285.000	572.500	310.000	578.000	320.000	578.200	330.000
GR	585.000	331.000	585.000	365.000	379.000	364.000	580.000	415.000	585.000	416.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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FORM 1411-GB-PRINTED BY ROTARY MANIFOLD FORMS,

*STOP 1

CCHV= 0.500 CEHV= 0.500
*SECNO ****
3280 CROSS SECTION 0.00 EXTENDED 3.72 FEET

SECNO	DEPTH	CHSEL	CRIWS	AREA	SL	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	UTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IN2	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 100.0 714.0 TYPE= 1 TARGET= 614.000

X-SECT.D/S OF VREELAND RD.FROM GIBRALTAR FIS.

0.00	11.99	582.72	0.00	582.72	582.72	1.00	0.00	0.00	575.00
1100.	570.	122.	609.	2361.	245.	1738.	0.	0.	575.13
0.00	0.24	0.50	0.23	0.060	0.035	0.060	0.000	570.73	100.00
0.000007	0.	0.	0.	0	0	0	0.00	614.00	714.00

FLOW DISTRIBUTION FOR SECNO= 0.00 CHSEL= 582.72

STA=	100.	230.	610.	435.	660.	475.	630.	716.
PER Q=	3.0	44.4	4.4	11.1	2.5	24.3	10.2	
AREA=	179.7	1999.2	191.0	245.5	113.1	1596.9	535.3	
VEL=	0.2	0.2	0.3	0.5	0.3	0.2	0.2	

*SECNO 1.000
3280 CROSS SECTION 1.00 EXTENDED 4.12 FEET

3470 ENCROACHMENT STATIONS= 0.2 530.0 TYPE= 1 TARGET= 479.999

X-SECT. 1 FOOT D/S OF VREELAND RD. GLOB. SECT. 10654.

1.00	10.59	582.72	0.00	0.00	582.72	0.01	0.00	0.00	570.73
1105.	475.	283.	397.	1320.	220.	918.	3.	0.	573.73
0.02	0.96	1.02	0.43	0.060	0.035	0.060	0.054	570.13	0.00
0.000043	32.	32.	32.	0		0	0.00	600.00	600.00

FLOW DISTRIBUTION FOR SECNO= 1.00 CHSEL= 582.72

STA=	0.	205.	401.	413.	432.	450.	680.
PER Q=	16.7	25.3	1.3	21.1	2.7	33.3	
AREA=	568.0	721.6	35.9	229.0	71.8	910.2	
VEL=	0.5	0.4	0.4	1.0	0.4	0.4	

*SECNO 2.000
3280 CROSS SECTION 2.00 EXTENDED 4.12 FEET

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3370 NORMAL BRIDGE,NRD= 24 MIN ELTRD= 578.73 MAX ELLC= 576.13

3470 ENCROACHMENT STATIONS= 0.0 600.0 TYPE= 1 TARGET= 579.999

X-SECT. U/S FACE OF WHEELAND RD. GIBK. SECT. 10655.

2.00	10.59	582.72	0.00	0.00	582.72	0.00	0.00	0.00	578.73
1105.	534.	75.	496.	1525.	144.	982.	3.	0.	578.73
0.02	0.40	0.52	0.51	0.070	0.012	0.016	0.035	572.13	0.00
0.000006	1.	1.	1.	0	0	0	-35.27	600.00	600.00

FLOW DISTRIBUTION FOR SECNO= 2.00 CHSEL= 582.72

STA=	0.	200.	401.	410.	432.	450.	600.
PER Q=	18.8	28.1	1.9	6.8	5.3	41.0	
AREA=	967.7	721.9	49.9	163.2	77.2	909.6	
VEL=	0.4	0.4	0.5	0.5	0.5	0.5	

*SECNO 3.000

3281 CROSS SECTION 3.00 EXTENDED 2.00 FEET

3370 NORMAL BRIDGE,NRD= 24 MIN ELTRD= 578.73 MAX ELLC= 576.13

3470 ENCROACHMENT STATIONS= 0.0 600.0 TYPE= 1 TARGET= 579.999

X-SECT. U/S FACE OF WHEELAND RD. GIBK. SECT. 10693.

3.00	10.59	582.72	0.00	0.00	582.72	0.00	0.00	0.00	578.73
1105.	534.	75.	496.	1526.	144.	982.	3.	1.	578.73
0.02	0.40	0.52	0.50	0.070	0.012	0.016	0.035	572.13	0.00
0.000006	1.	1.	1.	1	0	0	-35.27	600.00	600.00

FLOW DISTRIBUTION FOR SECNO= 3.00 CHSEL= 582.72

STA=	0.	200.	401.	410.	432.	450.	600.
PER Q=	18.8	28.1	1.9	6.8	5.3	41.0	
AREA=	964.4	722.0	35.9	163.8	71.9	910.6	
VEL=	0.4	0.4	0.5	0.5	0.5	0.5	

*SECNO 4.000

3280 CROSS SECTION 4.00 EXTENDED 2.00 FEET

SECNO	DEPTH	CHSEL	CHIAS	WSELK	ES	AV	HL	OLOSS	BANK ELEV
Q	WLOS	QCH	SSTA	SLOP	ACH	ACHS	WCH	TRD	LEFT/RIGHT
TIME	VLOB	WOB	WTOB	ESL	XSECH	XNB	LTRR	FLPIP	SSTA
SLOPE	NLOB	WLOB	XNCH	TPWIDL	ELKK	SSTA	CORAR	FPLAN	EBKL

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3470 ENCROACHMENT STATIONS=        0.0      680.0  TYPE=      1  TARGET=     679.999

        X-SECT. 1 FOOT U/S OF VREELAND RD. SIPR. SECT. 10694.

     4.00     10.59    582.72      0.00      0.00    582.72      0.00      0.00      0.00    570.73
    1105.      494.      192.      413.     1326.      229.      952.        .         1.    578.73
     0.04      0.37      0.87      0.42     0.045     0.032     0.045     0.021    572.13      0.00
 0.000026        1.        1.        1.         0         0         0      0.00    680.00    680.00

FLOW DISTRIBUTION FOR SECNO=       4.00          CWSEL=     582.72

STA=        0.      200.      401.      410.      432.      450.      680.
  PER Q=      17.3      26.0       1.4      18.0       2.8      34.6
   AREA=     568.2     721.8      35.9     229.0      71.8     910.4
    VEL=       0.3       0.4       0.5       0.9       0.4       0.4

CCNV=   0.100 CEXV=   0.300
*SECNO 291.000
3280 CROSS SECTION     291.00 EXTENDED       2.69 FEET.

                                    BASED ON FIELD NOTES 2 QUAD MAP

   291.00     10.59    582.72      0.00      0.00    582.72      0.01      0.00      0.00    578.73
    1840.      466.      399.      979.     1326.      229.     2110.        .         2.    578.73
     0.06      0.35      1.74      0.46     0.120     0.045     0.100     0.029    572.13      0.00
 0.000167       50.       50.       50.         0         0         0      0.00   1000.02   1000.05

FLOW DISTRIBUTION FOR SECNO=     291.00          CWSEL=     582.72

STA=        0.      200.      401.      410.      432.      450.      680.     1300.
  PER Q=       9.8      14.7       0.5      21.7       1.9      35.9      15.2
   AREA=     568.3     721.9      35.9     229.0      71.8    1379.5     636.5
    VEL=       0.3       0.4       0.4       1.7       0.5       0.5       0.4

*SECNO 1939.000

        SECTION SAME AS 14329 PIC.9 BOOK 955

  1939.00     11.63    582.90      0.00      0.00    582.92      0.01      0.19      0.00    571.30
    1840.      737.      480.      623.     2179.      279.     1646.      152.       37.    571.30
     0.69      0.36      1.72      0.43     0.120     0.040     0.100     0.039    571.27    115.29
 0.000081     1644.     1447.     1648.         2         0         0      0.00    621.82    937.11

FLOW DISTRIBUTION FOR SECNO=    1939.00          CWSEL=     582.90

STA=      155.      415.      515.      595.      613.      637.      702.      759.      837.      937.
  PER Q=      13.9      13.8      10.7       2.5      26.9      18.7       9.1       9.4       2.0
   AREA=     872.5     650.9     510.7     124.4     278.9     472.5     379.3     419.7     174.8
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   VEL=      0.3      0.4      0.4      0.4      1.7      0.5      0.5      0.4      0.2

*SECNO 2659.000

        SECTION SAME AS 13601

 2659.00     9.55   582.97     0.00     0.00   582.95     0.01     0.04     0.00   574.07
   1840.     771.     321.     748.    2414.     218.    1635.     219.      51.   574.62
    1.04     0.32     1.47     0.46    0.120    0.040    0.100    0.039   573.42   284.53
0.000083     720.     720.     720.        2        0        0     0.00   924.86  1209.39

FLOW DISTRIBUTION FOR SECNO=    2659.00          CWSEL=    582.97

STA=      285.      670.      720.      843.      883.      888.      912.     1042.     1112.     1150.     1209.
  PER Q=     13.4      4.1     18.7      4.8      0.9     17.6     23.1     12.8      3.9      0.3
   AREA=   1070.6    221.5    845.2    238.0     39.1    218.1    878.6    481.2    186.5     88.2
    VEL=      0.2      0.3      0.4      0.4      0.4      1.5      0.5      0.5      0.4      0.2

*SECNO 3189.000

                                  BASED ON FIELD NOTES & QUAD MAP

 3189.00     9.51   583.01     0.00     0.00   583.02     0.01     0.04     0.00   574.00
   1340.    1014.     361.     465.    2694.     241.    1220.     270.      62.   574.00
    1.20     0.38     1.40     0.38    0.120    0.040    0.100    0.039   573.55   125.17
0.000086     530.     530.     530.        0        0        0     0.00   864.43   993.00

FLOW DISTRIBUTION FOR SECNO=    3189.00          CWSEL=    583.01

STA=      129.      325.      490.      550.      657.      688.      [illegible]      719.      810.      985.      996.
  PER Q=      2.4     76.9     25.3      5.5      0.9     15.[illegible]      1.1     13.4     13.7      0.1
   AREA=    295.0    393.7   1226.0    239.7     40.1    240.0     40.1    547.2    623.5      9.5
    VEL=      0.1      0.3      0.4      0.4      0.4      1.5      0.5      0.4      0.3      0.1

CCHV=    0.300 CBHV=    0.500
*SECNO 3189.000
  SECNO     DEPTH     INSEL     [illegible]     WSEL      ES        HV        HL        HLOSS     [illegible]
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VCL       TWA     LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN      SETA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IX2       ICONT     CCHAR     TOPWID     ENDST

        D/S FACE PENN CENTRAL

 3389.00     8.03   583.03     0.00     0.00   583.03     0.00     0.01     0.00   573.05
   1840.    1212.     163.     465.    3087.     239.    2003.     [illegible]      67.   575.05
    1.41     0.39     0.77     0.23    0.060    0.060    0.060    0.060   [illegible]   [illegible]
0.000027     163.     200.     200.        0        0        0     0.00   [illegible]  1621.16

FLOW DISTRIBUTION FOR SECNO=    3389.00          CWSEL=    583.03

STA=      85.      200.      491.      611.      715.      73[illegible].      764.      765.      95[illegible].      1500.     1621.
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PER Q=	1.7	24.5	18.8	20.9	0.9	8.8	0.4	5.8	17.4	1.7
AREA=	133.4	1238.7	771.4	807.5	35.5	208.7	23.6	487.0	1312.5	153.4
VEL=	0.2	0.3	0.4	0.5	0.5	0.6	0.3	0.2	0.2	0.2

SPECIAL BRIDGE

SK	XK	XKOR	COFR	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.63	3.00	1600.00	17.00	0.00	93.50	0.00	574.95	574.95

*SECNO 3403.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QWR	PAREA	TRAPEZOID AREA	ELLC	ELTRD
592.95	583.08	0.00	1126.	728.	94.	94.	580.45	584.20

H/S FACE BENN CENTRAL

3403.00	9.62	584.57	0.00	0.00	584.58	0.01	1.55	0.00	575.05
1840.	328.	301.	1211.	1098.	201.	2371.	291.	67.	575.05
1.41	0.30	1.50	0.31	0.060	0.040	0.060	0.040	574.95	71.35
0.000000	14.	14.	14.	0	0	0	0.00	1486.69	1558.03

FLOW DISTRIBUTION FOR SECNO= 3403.00 CWSEL= 584.57

STA=	71.	310.	733.	791.	812.	825.	825.	1012.	1558.
PER Q=	8.1	9.2	0.8	14.3	0.8	1.9	42.9	21.6	
AREA=	565.9	580.8	31.0	201.2	23.3	53.0	1291.1	1003.6	
VEL=	0.3	0.3	0.5	1.5	0.6	0.7	0.6	0.4	

CCHV= 0.100 CEHV= 0.300
*SECNO 3443.000

BASED ON FIELD NOTES & QUAD MAP

3443.00	12.08	584.58	0.00	0.00	584.58	0.00	0.00	0.00	573.00
1820.	809.	439.	573.	4195.	709.	3254.	296.	69.	573.00
1.45	0.39	0.62	0.13	0.080	0.035	0.080	0.040	572.50	12.78
0.000000	40.	40.	40.	0	0	0	0.00	1359.03	1372.31

FLOW DISTRIBUTION FOR SECNO= 3443.00 CWSEL= 584.58

STA=	13.	150.	404.	494.	654.	670.	730.	735.	814.	924.	1064.	1075.	1072.
PER Q=	1.6	14.4	0.9	16.0	0.7	26.9	0.3	6.3	0.9	11.7	0.6	3.4	
AREA=	317.8	1644.4	753.7	1423.6	59.3	739.4	47.4	582.5	560.5	1080.4	67.4	679.9	
VEL=	0.1	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.1	

*SECNO 3483.000

QUANDOUNG ABUTMENT BY BENN CENTRAL P.T.

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5483.00	12.07	584.57	0.00	0.00	564.59	0.02	0.01	0.01	573.00	
1820.	712.	420.	638.	1940.	185.	1792.	308.	70.	573.00	
1.47	0.39	2.22	0.38	0.080	0.035	0.040	0.040	572.50	12.74	
0.000102	40.	40.	40.	1	0	0	0.00	1270.26	1283.01	

FLOW DISTRIBUTION FOR SECNO= 5483.00 ENGEL= 584.57

STA=	13.	150.	310.	640.	642.	658.	660.	690.	770.	800.	940.	1100.	1283.
PER Q=	5.6	14.7	18.6	0.2	23.1	0.2	1.4	4.0	7.2	3.6	14.1	7.5	
AREA=	314.0	596.0	915.8	14.3	139.2	14.3	72.8	206.0	332.8	172.5	580.0	418.6	
VEL=	0.3	0.4	0.4	0.3	2.2	0.3	0.2	0.6	0.4	0.2	0.4	0.3	

*SECNO 3521.000

SECTION SAME AS 12739

3521.00	12.54	594.96	0.00	0.00	584.60	0.01	0.00	0.00	574.72	
1820.	297.	542.	632.	1745.	213.	1207.	335.	71.	572.02	
1.46	0.66	2.56	0.43	0.080	0.035	0.040	0.040	572.02	0.52	
0.000157	38.	38.	39.	0	0	0	0.00	1148.80	1157.39	

FLOW DISTRIBUTION FOR SECNO= 3521.00 ENGEL= 584.60

STA=	9.	109.	265.	606.	559.	591.	602.	669.	724.	869.	1157.
PER Q=	4.3	17.6	9.7	9.5	2.6	29.3	4.3	5.2	10.5	6.4	
AREA=	208.9	616.0	402.8	603.5	115.2	212.9	188.4	191.2	427.9	405.0	
VEL=	0.6	0.5	0.4	2.4	0.4	2.9	0.4	0.5	0.4	0.5	

*SECNO 4266.100

SECNO	DEPTH	SE	CRIWS	WSEL	EG	SN	K	POWER	BR B ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TRA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	SAT	FLOUD	SETA
SLOPE	XLOBL	XLCH	XLOBR	TOPWIA	ALT	ICONT	CONT	TOPELO	CNDIT

SECTION SAME AS 11994

4266.00	12.53	594.65	0.00	0.00	584.69	0.01	0.06	0.00	573.53	
1820.	1111.	539.	307.	2331.	240.	931.	362.	87.	574.37	
1.87	3.39	1.11	0.90	0.050	0.035	0.040	0.040	572.27	0.87	
0.000260	765.	765.	765.	0	0	0	0.00	958.23	964.50	

FLOW DISTRIBUTION FOR SECNO= 4266.00 ENGEL= 584.65

STA=	9.	125.	178.	336.	525.	556.	606.	664.	730.	870.	878.	915.	927.
STA=	961.												
PER Q=	3.4	20.2	49.3	3.9	0.2	4.5	0.4	10.6	3.3	5.4	3.1	5.8	
PER Q=	1.1												
AREA=	270.5	935.2	1259.3	130.2	116.7	272.5	10.5	240.3	166.9	75.3	562.8	232.1	
AREA=	163.3												
VEL=	1.2	0.4	0.5	0.3	0.2	2.5	0.3	1.4	0.5	0.6	0.3	0.2	

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    VEL=      0.1

CCMV=   0.100 CEMV=   0.300
*SECNO 4617.000

3265 DIVIDED FLOW

        STOPPED AT HOUSE LINE          BASED ON FIELD NOTES & QUAD MAP

 4617.00    12.19   584.65     0.00     0.00   584.68     0.04     0.02     0.01   572.50
   1820.     464.    1144.     213.    1030.     608.     420.     333.      92.   572.50
    1.87     0.45     1.88     0.51    0.000    0.035    0.000    0.038   572.46     9.01
0.000079     351.     351.     351.        2        0        0     0.00   572.00   415.91

FLOW DISTRIBUTION FOR SECNO=   4617.00          CWSEL=    584.65

STA=        9.     120.     160.     240.     250.     260.     310.     320.     330.     331.     366.     415.     416.
  PER Q=      3.5      4.2     12.2      7.1      3.5     62.8      3.3      1.0      0.0      0.0      6.4      0.0
   AREA=    241.2    179.9    451.9     69.0     96.5    608.3     94.2     45.3      3.1      2.7    292.2      2.2
    VEL=      0.3      0.4      0.5      0.6      0.7      1.9      0.6      0.5      0.1      0.1      0.5      0.1
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*****************************************************
  HFC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
*****************************************************

T1 FRANK & POET CITY OF TRENTON HUD 2011-07  THESE SECTIONS ARE FOR FLOW IN
T2 AT U/S LIMIT 10YR=1220 50=1660 100 YR=1800 500 YR=2200 WATER  ELEV FROM FIS
T3       FRANK & POET -TRENTON                          GIBRALTAR AT VREELAND

J1  ICHECK    INQ      NINV     IDIM     STRT     METRIC   HVINS    Q        WSEL     FQ

      0.       5.       0.       0.  0.000000     0.00     0.0      0.     502.820   0.000

J2  NPROF    IPLOT    PROFVS   XSELV    XSECH    FN       ALLOC    XDIM     CHNIM    ITRACE

    15.000    0.000   -1.000    0.000    0.000    0.000    0.000    0.000    0.000   15.000
```

wrong starting wsel, right t.w to FIS

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```
*PROF 2

CCHV=   0.300 CEHV=   0.500
*SECNO ****
3280 CROSS SECTION       0.00 EXTENDED       3.62 FEET


   SECNO     DEPTH     CWSEL     CRIWS     WSELK     CG        HV        L         DLOSS   BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA     LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IP2       ICONT     CORAR     TOPWID      ENDST


3470 ENCROACHMENT STATIONS=     100.0      714.0  TYPE=      1  TARGET=      614.000

        X-SECT.D/S OF VREELAND RD.FROM GIBRALTAR FIS

     0.00     12.09    582.82      0.00    582.72    582.82      0.00      0.00      0.00    575.05
    1100.      570.      121.      409.     2394.      246.     1763.        0.        0.    575.13
     0.00      0.24      0.49      0.23     0.060     0.035     0.060     0.000    570.73    100.00
 0.000007        0.        0.        0.         0         0         0      0.00    614.00    714.00

FLOW DISTRIBUTION FOR SECNO=      0.00          CWSEL=     582.82

STA=      100.      130.      410.      435.      460.      475.      630.      714.
  PER Q=      3.0      44.4       4.4      11.0       2.6      24.3      10.3
   AREA=    173.7    2027.2     193.5     248.0     114.6    1114.3     534.2
    VEL=      0.2       0.3       0.3       0.3       0.2       0.2       0.2

*SECNO 1.000
3280 CROSS SECTION       1.00 EXTENDED       4.22 FEET


3470 ENCROACHMENT STATIONS=       0.0      603.0  TYPE=      1  TARGET=      579.955

        X-SECT. 1 FOOT D/S OF VREELAND RD. SLUR. SECT. 10654.

     1.00     10.69    582.82      0.00    582.72    582.82      0.00      0.00      0.00    573.73
    1105.      480.      227.      393.     1367.      231.     1007.        3.        0.    576.75
     0.02      0.35      0.98      0.39     0.050     0.035     0.050     0.034    572.13      0.00
 0.000040       32.       32.       32.         0         0         0      0.00    630.00    660.00


FLOW DISTRIBUTION FOR SECNO=      1.00          CWSEL=     582.62

STA=        0.      200.      401.      413.      432.      450.      680.
  PER Q=     17.0      25.1       1.3      20.4       2.7      33.3
   AREA=    528.1     741.3      36.8     231.2      73.6     933.2
    VEL=      0.3       0.4       0.4       1.0       0.4       0.4

*SECNO 2.000
3280 CROSS SECTION       2.00 EXTENDED       4.22 FEET
```

3370 NORMAL BRIDGE,NRD= 24 MIN ELTRD= 578.73 MAX ELLC= 576.13

3470 ENCROACHMENT STATIONS= 0.0 600.0 TYPE= 1 TARGET= 679.999

R-SECT. U/S FACE OF ROADWAY RD. STRM. SECT. 10655.

2.00	10.69	582.82	0.00	582.72	582.82	0.00	0.00	0.00	578.73
1105.	537.	73.	494.	1366.	146.	1006.	3.	0.	576.73
0.02	0.39	3.53	0.49	0.029	0.012	0.010	0.032	572.13	0.00
0.000006	1.	1.	1.	0	0	0	-16.20	600.00	10.30

FLOW DISTRIBUTION FOR SECNO= 2.00 CUSEL= 582.82

STA=	0.	200.	401.	410.	432.	650.	680.
PER Q=	19.0	38.1	1.5	6.6	3.3	41.4	
AREA=	587.7	741.4	30.8	145.9	75.6	932.3	
VEL=	0.4	0.4	0.4	0.5	0.5	0.3	

*SECNO 3.000
3280 CROSS SECTION 3.70 EXTENDED 2.79 REST

3370 NORMAL BRIDGE,NRD= 24 MIN ELTRD= 576.73 MAX ELLC= 576.13

3470 ENCROACHMENT STATIONS= 0.0 600.0 TYPE= 1 TARGET= 679.999

R-SECT. U/S FACE OF ROADWAY RD. 6100. SECT. 10655.

3.00	10.69	582.82	0.00	582.72	582.82	0.00	0.00	0.00	578.73
1105.	537.	73.	494.	1366.	146.	1006.	3.	0.	576.73
0.06	0.39	1.50	0.49	0.029	0.012	0.010	0.021	572.13	0.00
0.000006	18.	5.	39.	1	2	0	-16.20	600.00	10.30

FLOW DISTRIBUTION FOR SECNO= 3.00 CUSEL= 582.82

STA=	0.	200.	431.	440.	622.	650.	680.
PER Q=	19.0	21.4	1.5	6.6	3.3	41.4	
AREA=	588.4	743.0	30.8	146.0	73.7	933.6	
VEL=	0.4	0.4	0.4	0.5	0.5	0.3	

*SECNO 4.000
3280 CROSS SECTION 4.00 EXTENDED 2.79 REST

SECNO	DEPTH	CUSEL	CRWS	LSELK	ES	AV	AL	CROSS	BASE ELEV
Q	VLOB	VCH	XSEA	AROE	ACH	AREA	VOL	TYP	LEFT/RIGHT
TYP	VLOB	VCH	WRG	JUN	XARE	XNR	STA	PIERS	IBT
AL PI	XL P	XLC	SLOPE	STRAIL	SID	SECST	CORE	TOP WD	GIRDT

```
3470 ENCROACHMENT STATIONS=        0.0      680.0  TYPE=      1  TARGET=      679.999

        X-SECT. 1 FOOT U/S OF WHEELAND RD. GIOR. SECT. 10694.

     4.00     10.69    582.82      0.00    582.72    582.82      0.00      0.00      0.00    578.73
    1105.      499.      194.      413.     1367.      231.     1007.        4.        1.    570.73
     0.04      0.36      0.84      0.41     0.045     0.032     0.045     0.021    572.13      0.00
 0.000024        1.        1.        1.         0         0         0      0.00    680.00    680.00

FLOW DISTRIBUTION FOR SECNO=       4.00          CWSEL=     582.82

STA=        0.      200.      401.      410.      432.      450.      680.
  PER Q=      17.6      26.1       1.4      17.5       2.8      34.6
   AREA=     588.2     741.9      36.8     231.2      73.6     933.4
    VEL=       0.3       0.4       0.4       0.3       0.4       0.4

CCHV=   0.100 CENV=   0.300
*SECNO 291.000
 2800 NAT Q1=    1424.94  WSEL=     582.72  ENC Q1=    1424.94  WSEL=     582.82  RATIO=  0.0000
 NAT Q1=    1481.  RATIOS LOB,CH,ROB=  0.2559  0.2121  0.5321  WSEL=     582.82
3280 CROSS SECTION     291.00 EXTENDED       2.90 FEET

3470 ENCROACHMENT STATIONS=       43.5      970.1  TYPE=      4  TARGET=        0.018

                                  BASED ON HEELD NOTES & QUAD MAP

   291.00     10.69    582.82      0.00    582.72    582.82      0.01      0.00      0.00    578.7
    1640.      454.      403.      962.     1252.      231.     2082.        3.        2.    578.73
     0.06      0.36      1.75      0.47     0.120     0.040     0.100     0.029    572.13     43.77
 0.000166       50.       50.       50.         0         0         0      0.00    926.36    970.13

FLOW DISTRIBUTION FOR SECNO=     291.00          CWSEL=     582.82

STA=       46.      200.      401.      410.      432.      450.      800.      970.
  PER Q=       8.5      15.6       0.8      22.0       2.0      37.4      14.0
   AREA=     472.1     742.7      36.9     231.3      73.7    1415.9     592.9
    VEL=       0.9       0.4       0.4       1.7       0.5       0.5       0.4

*SECNO 1939.000
 2800 NAT Q1=    2038.51  WSEL=     582.90  ENC Q1=    2038.51  WSEL=     583.00  RATIO=  0.0000
 NAT Q1=    2092.  RATIOS LOB,CH,ROB=  0.4920  0.2577  0.3395  WSEL=     583.00

3470 ENCROACHMENT STATIONS=      254.0      859.5  TYPE=      4  TARGET=        0.025

        SECTION SAME AS 14321 FIELD BOOK 955

  1939.00     11.73    583.00      0.00    582.90    583.02      0.01      0.09      0.00    571.30
    1640.      755.      485.      613.     2042.      281.     1347.      145.       31.    571.30
     0.67      0.36      1.73      0.44     0.120     0.040     0.100     0.039    571.27    253.93
```

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 0.000081    1648.    1643.    1643.      1        0        0     0.00   597.68   851.64

FLOW DISTRIBUTION FOR SECNO=   1939.00          CWSEL=    583.00

STA=      256.     415.     515.     595.     613.     637.     702.     759.     837.     852.
  PER Q=     12.4     14.1     11.0      2.6     26.4     12.9     10.0      9.7      0.9
   AREA=   734.8    561.5    519.2    126.3    251.6    479.6    385.0    428.2     54.6
    VEL=      0.4      0.4      0.4      0.4      1.7      0.5      0.5      0.4      0.3

*SECNO 2659.000
 2800 NAT Q1=   2020.61  WSEL=    582.97  ENC Q1=   2020.61  WSEL=    583.07  RATIO=  0.0000
 NAT Q1=   2079.  RATIOS LOB,CH,ROB=  0.4210  0.1726  0.4058  WSEL=    583.07

3470 ENCROACHMENT STATIONS=      399.0     1144.9  TYPE=      4  TARGET=      0.028

        SECTION SAME AS 13601

  2659.00     9.65   583.07     0.03   582.97   583.03     0.01     0.06     0.00   574.07
    1840.     771.     327.     742.    2290.     220.    1551.     209.      42.   574.62
     1.00     0.36     1.43     0.43    0.120    0.040    0.100    0.000   373.42   398.94
 0.000083     720.     720.     720.        0        0        0     0.00   745.92  1144.90

FLOW DISTRIBUTION FOR SECNO=   2659.00          CWSEL=    583.07

STA=      399.     676.     720.     843.     853.     888.     912.    1042.    1112.    1145.
  PER Q=     12.7      4.2     19.2      4.9      0.9     17.8     23.6     13.1      3.6
   AREA=   927.3    225.3    856.2    241.6     39.6    220.2    890.3    487.5    173.0
    VEL=      0.3      0.3      0.4      0.4      0.4      1.5      0.5      0.5      0.4

*SECNO 3189.000
 2800 NAT Q1=   2012.69  WSEL=    583.01  ENC Q1=   2012.69  WSEL=    583.11  RATIO=  0.0000
 NAT Q1=   2069.  RATIOS LOB,CH,ROB=  0.5510  0.1941  0.2549  WSEL=    583.11

3470 ENCROACHMENT STATIONS=      288.4     945.9  TYPE=      4  TARGET=      0.027

                                  BASED ON FIELD NOTES [illegible]

  3189.00     9.61   583.11     0.00   583.01   583.12     0.01     0.06     0.00   574.00
    1840.    9017.     357.     456.    2538.     243.    1138.     258.      50.   574.00
     1.24     0.60     1.51     0.40    0.120    0.040    0.100    0.000   573.50   208.40
 0.000084     530.     530.     530.        0        0        0     0.00   637.35   945.94

FLOW DISTRIBUTION FOR SECNO=   3189.00          CWSEL=    583.11

STA=      288.     325.     490.     653.     683.     680.     714.     713.     810.     946.
  PER Q=      7.2     17.5     30.0      8.7      1.8     20.2      1.7     13.9      9.9
   AREA=   103.5    909.3   1241.7    242.9     40.6    243.4     40.5    356.1    541.6
    VEL=      0.2      0.4      0.4      0.4      0.4      1.5      0.5      0.5      0.5

CCHV=   0.300 CEHV=   0.500
*SECNO 3589.000
 2800 NAT Q1=   3517.39  WSEL=    583.03  ENC Q1=   3517.39  WSEL=    583.13  RATIO=  0.0000
 NAT Q1=   3579.  RATIOS LOB,CH,ROB=  0.6115  0.0057  0.3598  WSEL=    583.13
```

SECNO	DEPTH	CWSEL	CRWS	VSELR	BR	HM	AL	FLOSS	BANK ELEV
Q	GLOB	ICH	SAVE	ALOB	ACH	AREA	VOL	TRA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XTL	XNCH	XNL	LTH	ELMIN	LSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IM2	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 199.4 1499.2 TYPE= 4 TARGET= 0.039

D/S FACE PENN CENTRAL

3389.00	9.18	583.13	0.00	583.03	583.13	0.00	0.01	0.00	575.05
TOT=	5219.	166.	499.	2955.	211.	1538.	270.	55.	575.05
1.35	0.41	0.75	0.24	0.060	0.040	0.060	0.040	574.95	199.44
0.000027	160.	270.	200.	0	0	0	0.00	1295.78	1498.23

FLOW DISTRIBUTION FOR SECNO= 3389.00 CWSEL= 583.13

STA=	199.	481.	611.	733.	738.	764.	769.	991.	1498.
PER Q=	25.4	19.3	20.5	0.9	2.3	0.4	6.2	15.2	
AREA=	1317.5	782.6	810.8	35.9	211.2	26.1	507.6	1354.3	
VEL=	0.4	0.5	0.5	0.5	0.3	0.3	0.2	0.2	

SPECIAL BRIDGE

SR	XX	XCOR	COEF	BRLEN	SKC	DUP	HAREA	SS	ELCHU	ELCHD
	0.00	1.65	3.00	1500.00	17.00	0.00	95.50	0.00	574.95	574.95

*SECNO 3403.000
3490 WAT SI= 4043.33 WSEL= 584.57 CWC SI= 2582.35 PSEL= 584.67 RATIO= 0.0700
MAT SI= 2155. 2.7809 1.0000 0.4508= 0.1554 0.2590 0.6506 WSEL= 584.67

WATER PL-CHANGE FROM NATURAL PROFILES BRIDGE

3470 ENCROACHMENT STATIONS= 362.1 1306.6 TYPE= 4 TARGET= 0.043

U/S FACE PENN CENTRAL

3403.00	9.72	584.67	0.00	584.57	584.68	0.01	0.30	0.30	575.05
TOT=	517.	305.	1218.	868.	203.	2130.	277.	55.	575.05
1.37	0.36	1.30	0.53	0.050	0.020	0.060	0.040	574.95	362.15
0.000079	14.	14.	14.	0	0	0	0.30	946.45	1306.60

FLOW DISTRIBUTION FOR SECNO= 3403.00 CWSEL= 584.67

STA=	362.	510.	785.	791.	812.	815.	825.	1110.	1307.
PER Q=	4.7	9.7	0.3	14.4	0.8	2.0	43.5	19.6	
AREA=	350.3	535.4	32.3	209.1	23.6	52.7	1310.9	703.2	
VEL=	0.6	0.5	0.5	1.5	0.7	0.7	0.6	0.5	

CONV= 0.100 CENV= 0.300
*SECNO 3403.000
3490 WAT SI= 5430.65 WSEL= 594.36 PIO SI= 6760.93 WSEL= 574.68 RATIO= 0.2000
MAT SI= 5023. RATIOS LOB,CH,ROB= 0.4744 0.2992 0.3167 WSEL= 574.65

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3471 ENCROACHMENT STATIONS= 154.4 1162.2 TYPE= 4 TARGET= 3.123

BASED ON FIELD NOTES & QUAD MAP

3443.00	12.18	584.68	0.00	584.68	584.68	0.00	0.00	0.00	575.00	
1820.	806.	446.	569.	4001.	715.	2857.	282.	56.	575.00	
1.40	0.20	0.62	0.19	0.050	0.035	0.320	0.040	572.50	114.43	
0.000308	40.	42.	40.	3	0	0	0.56	1027.79	1162.24	

FLOW DISTRIBUTION FOR SECNO= 3443.00 CWSEL= 584.68

STA=	154.	158.	404.	734.	868.	870.	730.	735.	914.	926.	1064.	1075.	1162.
PER Q=	0.5	16.3	9.1	12.2	0.7	24.3	0.5	6.5	9.1	12.2	0.6	2.5	
AREA=	68.6	1669.4	762.5	1440.3	60.4	715.3	47.9	590.3	827.5	1074.1	58.4	349.1	
VEL=	0.1	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.1	

*SECNO 3483.000
2800 NAT Q1= 1806.44 WSEL= 584.57 ENC Q1= 1806.44 WSEL= 580.67 RATIO= 0.0000
NAT Q1= 1333. RATIOS LOB,CH,ROB= 3.3755 0.2241 0.3712 WSEL= 584.67

3470 ENCROACHMENT STATIONS= 111.5 1160.4 TYPE= 4 TARGET= 0.041

ADJACENT UPSTREAM BY PIER DETAIL, P.T.

3483.00	12.17	584.67	0.00	584.57	584.68	0.12	0.00	0.01	575.00	
1820.	790.	424.	606.	1730.	191.	1639.	287.	57.	575.00	
1.42	0.41	2.22	0.41	0.050	0.035	2.000	0.040	572.53	111.51	
0.000101	40.	42.	40.	1	0	0	0.00	1048.90	1160.41	

FLOW DISTRIBUTION FOR SECNO= 3483.00 CWSEL= 584.67

STA=	112.	150.	310.	660.	662.	668.	660.	690.	770.	880.	940.	1100.	1160.
PER Q=	3.8	15.3	19.7	0.2	33.3	0.2	1.4	4.2	7.5	3.8	14.7	5.8	
AREA=	145.2	592.2	946.7	13.4	140.7	14.2	75.7	316.2	343.7	178.3	576.5	236.1	
VEL=	0.4	0.3	0.4	0.3	2.2	0.3	0.3	0.4	0.5	0.4	0.3	0.6	

*SECNO 3521.000
2800 NAT Q1= 1555.44 WSEL= 584.56 ENC Q1= 1555.44 WSEL= 584.66 RATIO= 0.0000
NAT Q1= 1621. RATIOS LOB,CH,ROB= 0.4612 0.2093 0.2695 WSEL= 584.66

3470 ENCROACHMENT STATIONS= 79.0 969.0 TYPE= 4 TARGET= 0.340

SECTION SAME AS 52739

3521.00	12.66	584.66	0.00	584.56	584.76	0.20	0.00	0.00	576.72	
1425.	794.	581.	575.	1473.	235.	1065.	230.	95.	572.02	
1.45	0.49	2.56	0.49	0.050	0.035	2.000	0.047	572.02	79.01	
0.000156	30.	28.	32.	3	1	1	3.00	1026.56	1265.92	

FLOW DISTRIBUTION FOR SECNO= 3521.00 CWSEL= 584.66

STA=	79.	260.	421.	581.	591.	629.	650.	721.	797.	969.			

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Revised 3/6/79

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**************************************************
  FEQ2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR - 01
  MODIFICATION - 50,51,52
**************************************************
C
T1  CITY OF TRENTON FIS HUD 2011-07  FRANK & POET FROM KING ROAD TO VREELAND RD.
T2 AT J/S LIMIT TBYR=1220 50=1660 100 YR=1800 500 YR=2200 WATER ELEV FROM FIS
T3      FRANK & POET -TRENTON                    GIBRALTAR AT VREELAND
J1   ICHECK    INQ      NINV     IDIS      STRT     METRIC   HVINS    Q        WSEL     FQ
          0.        2.       0.       0.  0.000000     0.00      0.0       0.   681.630    0.000
J2   NPROF     IPLOT    PRFVS    XSECV    XSECH      FN     ALLOC     ITW      CHNIM    ITRCE
          1.000     0.000   -1.000    0.300    0.300    0.000    0.000    0.000    0.000   15.000
J3   NUMBER CODES FOR SUMMARY PRINTOUT
        150.000  201.000    0.000    0.000    0.300    0.000    0.000    0.000    0.000    0.000
NC          5.000  765.000 1010.000 1100.000 1100.000 1350.000    0.000    0.000    0.000    0.000
NC          5.000    0.060    0.035    0.300    0.500    0.000    0.000    0.000    0.000    0.000
C
C  SECT. D/S OF VREELAND DR. FROM GIBRALTAR FIS
X1          3.050   14.000  435.000  460.000    0.000    0.000    0.000    0.000    1.430    0.000
X1          3.000    0.000    0.000  100.000    0.000  714.000    0.000    0.000    0.000    0.000
X1        580.400    0.000  580.400   60.000  578.600   80.000  576.600  100.000  574.600  130.000
X1        573.700  613.000  575.600  618.000  569.390  651.100  571.700  662.000  573.800  675.000
X1        574.430  633.300  576.000  625.000  573.600  000.300  574.000 1030.600    0.000    0.000
X1          4.30   773.300 1005.000 1105.000 1105.000 1355.000    0.000    0.000    0.000    0.000
C
C  SECT. 1 PORT D/S OF VREELAND DR. GLUR. SECT. 10654.
X1          1.000   22.000  410.000  440.000   32.000   32.000   32.000    0.000    1.430    0.000
X1          1.000    0.000    0.000    0.000    0.000  665.000    0.000    0.000    0.000    0.000
X1        571.800    0.000  573.100  200.000  577.300  401.000  577.300  410.000  572.700  410.000
GR        570.700  414.000  570.700  414.000  570.700  414.000  570.700  414.000  570.700  414.000
X1        572.430  424.000  570.700  420.000  570.700  422.000  570.700  424.000  570.700  426.000
X1          1.000    4.000    3.000  430.000  572.300  432.000  577.300  432.000  577.300  430.000
X1         27.000   30.000    0.000 1005.000    1.000    0.300    1.000    0.000    0.500    0.000
X1          0.320    0.018    0.012    3.000    3.500    0.300    2.000    1.500    0.500    3.000
C
C  SECT. D/S FORT VREELAND DR.  GLUR. SECT. 10655.
X1          1.000    9.000    0.000    0.000    1.000    0.000    0.000    0.000    0.000    0.000
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X3	0.000	0.000	0.000	0.000	0.000	680.000	0.000	0.000	0.000	0.000
BT	4.000	0.000	580.230	0.000	200.000	579.530	0.000	401.000	578.730	0.000
BT	401.000	578.730	0.000	406.000	578.730	0.000	410.000	578.730	574.130	412.000
BT	578.730	576.130	414.000	578.730	576.130	416.000	578.730	574.130	416.000	578.730
BT	572.130	418.000	578.730	572.130	418.000	578.730	574.130	420.000	578.730	576.130
BT	422.000	578.730	576.130	424.000	578.730	574.130	424.000	578.730	572.130	426.000
BT	578.730	574.130	426.000	578.730	574.130	428.000	578.730	576.130	430.000	578.730
BT	576.130	432.000	578.730	574.130	435.000	578.730	0.000	450.000	578.730	0.000
BT	680.000	578.730	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X-SECT. U/S FACE OF VREELAND RD. GIBR. SECT. 10693.

X1	3.000	0.000	0.000	0.000	38.000	38.000	38.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	680.000	0.000	0.000	0.000	0.000
NC	0.045	0.045	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X-SECT. 1 FOOT U/S OF VREELAND RD. GIBR. SECT. 10694.

X1	4.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	680.000	0.000	0.000	0.000	0.000
BT	5.000	1250.000	1700.000	1840.000	1840.000	2260.000	0.000	0.000	0.000	0.000
NC	0.120	0.100	0.040	0.100	0.300	0.000	0.000	0.000	0.000	0.000

BASED ON FIELD NOTES & QUAD MAP

X1	291.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000

SECTION SAME AS 14321 FIELD BOOK 955

X1	1939.000	15.000	613.000	637.000	1648.000	1648.000	1648.000	0.000	0.000	0.000
GP	585.000	0.000	580.000	275.000	576.370	415.000	576.420	515.000	576.620	595.000
GP	576.250	613.000	571.500	613.000	571.270	635.000	571.320	657.000	575.640	640.000
GP	575.840	702.000	579.670	759.000	578.370	837.000	580.020	858.000	575.000	1000.000

SECTION SAME AS 13601

X1	2659.000	25.000	388.000	912.000	720.000	720.000	720.000	0.000	0.000	0.000
GP	585.000	0.000	584.500	75.000	582.500	76.000	582.500	95.000	584.500	100.000
GP	584.500	309.000	582.500	201.000	582.500	324.000	584.500	225.000	580.300	400.000
GP	579.470	678.000	575.920	720.000	576.020	736.000	576.220	843.000	577.820	858.000
GP	576.220	885.000	574.070	888.000	573.420	900.000	574.620	912.000	575.720	915.000
GP	576.420	922.000	576.070	1042.000	576.180	1112.000	580.000	1150.000	585.000	1250.000

BASED ON FIELD NOTES & QUAD MAP

X1	3189.000	12.000	668.000	714.000	550.000	550.000	550.000	0.000	0.000	0.000
GP	585.000	0.000	580.000	325.000	575.200	490.000	575.500	630.000	576.500	655.000
GP	574.000	691.000	573.500	700.000	574.000	744.000	576.000	719.000	578.000	850.000
GP	580.200	915.000	584.500	1300.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.060	0.060	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S FACE PENN CENTRAL

X1	3389.000	12.000	738.000	764.000	160.000	200.000	200.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	531.000	531.000	0.000
GR	585.000	0.000	580.000	200.000	577.200	691.000	576.050	611.000	576.820	733.000
GR	575.050	730.000	574.950	750.000	575.050	764.000	580.770	769.000	530.900	991.000
GR	580.000	1500.000	585.000	1700.000	0.000	0.000	0.000	0.000	0.000	0.000
SO	0.000	1.650	3.000	1600.000	17.000	0.000	93.500	0.000	574.950	574.950

U/S FACE PENN CENTRAL

X1	3403.000	10.000	791.000	812.000	14.000	14.000	14.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	580.450	584.200	0.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	582.000	510.000	583.520	785.000	575.050	791.000	574.950	800.000
GR	575.050	812.000	570.570	815.000	580.000	825.000	580.100	1110.000	585.000	1600.000
NC	0.030	0.030	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	3.000	1240.000	1600.000	1620.000	1720.000	2230.000	0.000	0.000	0.000	0.000

BASED ON FIELD NOTES & QUAD MAP

X1	3443.000	14.000	670.000	730.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	576.200	694.000	576.250	694.000	576.200	664.000
GR	573.000	670.000	572.500	700.000	573.000	730.000	577.200	735.000	577.200	814.000
GR	577.100	924.000	576.900	1064.000	580.000	1075.000	585.000	1400.000	0.000	0.000

ABANDONED ABUTMENT BY PENN CENTRAL C.T.

X1	3483.000	14.000	642.000	658.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	581.700	310.000	581.900	640.000	573.000	642.000
GR	572.500	650.000	573.000	658.000	581.900	660.000	582.400	690.000	581.600	770.000
GR	511.500	680.000	584.900	940.000	580.000	1100.000	585.000	1230.000	0.000	0.000

SECTION SAME AS 12739

X1	3521.000	12.000	591.000	609.000	36.000	36.000	36.000	0.000	0.000	0.000
GR	585.000	0.000	580.300	100.000	581.720	246.300	581.670	406.000	581.920	551.000
GR	581.720	509.000	574.720	591.000	572.120	620.000	572.020	609.000	590.420	611.000
GR	582.120	619.000	582.170	629.000	581.170	644.000	581.020	734.000	582.220	850.000
GR	582.170	919.000	585.000	1200.000	0.000	0.000	0.000	0.000	0.000	0.000

SECTION SAME AS 11994

X1	4260.000	24.000	364.000	384.000	745.000	745.000	745.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	125.000	574.770	178.000	575.470	303.000	576.470	328.000
GR	577.270	338.000	577.470	343.000	577.470	348.000	577.570	353.000	577.320	362.000
GR	575.520	364.000	572.270	375.000	576.970	386.000	579.220	386.000	580.110	418.000
GR	510.470	420.000	550.220	530.000	580.670	615.000	590.461	640.000	582.450	670.000
GR	585.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.060	0.080	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

STOPPED AT HOUSE LINE BASED ON FIELD NOTES & QUAD MAP

X1	4617.000	15.000	260.000	310.000	351.000	351.000	351.000	0.000	0.000	0.000
GR	585.000	0.000	580.300	120.000	590.000	160.000	578.000	240.000	577.500	250.000
GR	572.900	260.000	572.460	295.000	572.500	310.000	578.002	320.000	575.200	330.000
GR	585.000	331.000	585.000	365.000	579.000	366.000	580.000	415.000	585.000	416.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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  IEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
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T1  CITY OF TRENTON FIS HUD 2011-07  FRANK & POET FROM KING ROAD TO VREELAND RD
T2 AT U/S LIMIT 10YR=1220 50=1660 100 YR=1800 500 YR=2200 WATER  ELEV FROM FIS
T3       FRANK & POET -TRENTON                    GIBRALTAR AT VREELAND

J1  ICHECK    INQ       NINV      IDIR      STST      METRIC    HVINS     W         WSEL      FU

        0.        4.        0.        0.  0.000000      0.00       0.0        0.   582.720     0.000

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FR        ALLDC     IBW       CHNIM     ITRACE

    3.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000    15.000
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*PROF 5

CCHV= 0.300 CEHV= 0.500

*SECNO ****

3260 CROSS SECTION 0.00 EXTENDED 3.72 FEET

SECNO	DEPTH	CNSEL	CRIWS	WSPLK	EG	HV	HL	ELOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IN2	ICONT	CORAR	TOPWID	ENDST

Data @ NGVD
-1.43 ft for IGLD

3470 ENCROACHMENT STATIONS= 100.0 714.0 TYPE= 1 TARGET= 614.000

X-SECT.D/S OF VREELAND RD.FROM GIBRALTAR FIS

582.72
1.43
139

0.00	11.99	582.72	0.00	582.72	582.72	0.00	0.00	0.00	575.03
1100.	570.	122.	408.	2361.	245.	1730.	0.	0.	575.13
0.00	0.24	0.50	0.23	0.060	0.035	0.060	0.000	570.73	100.00
0.000907	0.	0.	0.	0	0	0	0.00	614.00	714.00

FLOW DISTRIBUTION FOR SECNO= 0.00 CHSEL= 582.72

STA=	100.	130.	410.	435.	460.	475.	630.	714.
PER Q=	3.0	44.4	4.4	11.1	2.6	24.3	10.2	
AREA=	170.7	1999.2	191.0	245.5	113.1	1098.9	525.8	
VEL=	0.2	0.2	0.3	0.5	0.3	0.2	0.2	

*SECNO 1.000

3260 CROSS SECTION 1.00 EXTENDED 4.12 FEET

3470 ENCROACHMENT STATIONS= 0.0 680.0 TYPE= 1 TARGET= 677.969

X-SECT. 1 FOOT D/S OF VREELAND RD. GLNR. SECT. 10654.

1.00	10.59	582.72	0.00	0.30	582.72	0.01	0.00	0.00	578.73
9105.	475.	233.	377.	3325.	229.	932.	3.	0.	578.73
0.02	0.56	1.02	0.40	0.060	0.035	0.060	0.054	572.53	0.00
0.000343	32.	32.	32.	0	0	0	0.00	680.00	680.00

FLOW DISTRIBUTION FOR SECNO= 1.00 CHSEL= 582.72

STA=	0.	200.	401.	419.	432.	450.	680.
PER Q=	0.7	35.0	1.9	21.1	2.7	33.7	
AREA=	568.0	721.6	35.9	229.0	71.6	910.2	
VEL=	0.3	0.4	0.4	1.0	0.4	0.4	

*SECNO 2.000

3260 CROSS SECTION 2.00 EXTENDED 4.12 FEET

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```
3370 NORMAL BRIDGE,NRD= 24 MIN ELTRD=  578.73 MAX ELLC=  576.13

3470 ENCROACHMENT STATIONS=        0.0      680.0  TYPE=      1  TARGET=      679.999

        X-SECT. D/S FACE OF VREELAND RD.   GIMR. SECT. 10655.

     2.00     10.59    582.72      0.00      0.00    582.72      0.00      0.00      0.00    578.73
    1105.      534.       75.      496.     1325.      144.      982.        3.        0.    578.73
     0.02      0.40      0.52      0.51     0.020     0.012     0.018     0.032    572.13      0.00
 0.000006        1.        1.        1.         0         0         0    -85.20    680.00    680.00

FLOW DISTRIBUTION FOR SECNO=       2.00          CWSEL=     582.72

STA=        0.      200.      401.      410.      432.      450.      680.
  PER Q=      18.8      28.1       1.5       6.8       3.3      41.6
   AREA=     567.7     721.3      35.9     143.7      71.8     909.8
    VEL=       0.4       0.4       0.5       0.5       0.5       0.5

*SECNO 3.000
3280 CROSS SECTION       3.00 EXTENDED       2.69 FEET

3370 NORMAL BRIDGE,NRD= 24 MIN ELTRD=  578.73 MAX ELLC=  576.13

3470 ENCROACHMENT STATIONS=        0.0      680.0  TYPE=      1  TARGET=      679.999

        X-SECT. U/S FACE OF VREELAND RD.   GIMR. SECT. 10693.

     3.00     10.59    582.72      0.00      0.00    582.72      0.00      0.00      0.00    578.73
    1105.      534.       75.      496.     1326.      144.      932.        3.        1.    578.73
     0.04      0.40      0.52      0.50     0.020     0.012     0.018     0.021    572.13      0.00
 0.000006       38.       38.       38.         0         0         0    -85.20    680.00    680.00

FLOW DISTRIBUTION FOR SECNO=       3.00          CWSEL=     582.72

STA=        0.      200.      401.      410.      432.      450.      680.
  PER Q=      18.8      28.1       1.5       6.8       3.3      41.5
   AREA=     568.4     722.0      35.9     143.8      71.9     910.6
    VEL=       0.4       0.4       0.5       0.5       0.5       0.5

*SECNO 4.000
3280 CROSS SECTION       4.00 EXTENDED       2.69 FEET

   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XML       XNCH      XMR       DTM       ELMIN      SETA
   SLOPE     ZLOBL     ZLCH      XMOBT     ITRIAL    IM2       ICONT     CORAR     TOPWTD     ENDST
```

```
3470 ENCROACHMENT STATIONS=        0.0      680.0  TYPE=      1  TARGET=     679.999

        X-SECT. 1 FOOT U/S OF VREELAND RD. GIBR. SECT. 10694.                    C1

     4.00     10.59    582.72      0.00      0.00    582.72      0.00      0.00      0.00    578.73
    1105.      494.      198.      413.     1326.      229.      982.        5.        1.    578.73
     0.04      0.37      0.87      0.42     0.045     0.032     0.045     0.021    572.13      0.00
 0.000026        1.        1.        1.         0         0         0      0.00    680.00    680.00

FLOW DISTRIBUTION FOR SECNO=       4.00          CWSEL=     582.72

STA=        0.      200.      401.      410.      432.      450.      680.
  PER Q=      17.3      26.0       1.4      18.0       2.8      34.6
   AREA=     568.2     721.8      35.9     229.0      71.8     910.4
    VEL=       0.3       0.4       0.4       0.9       0.4       0.4

CCHV=   0.100 CEHV=   0.300
*SECNO 291.000
3280 CROSS SECTION     291.00 EXTENDED       2.69 FEET

                                    BASED ON FIELD NOTES & QUAD MAP

   291.00     10.59    582.72      0.00      0.00    582.73      0.01      0.00      0.00    578.73
    1840.      466.      399.      975.     1326.      229.     2110.        8.        2.    578.73
     0.06      0.35      1.76      0.46     0.120     0.040     0.100     0.029    572.13      0.00
 0.000167       50.       57.       90.         0         0         0      0.00   1000.00   1000.00

FLOW DISTRIBUTION FOR SECNO=     291.00          CWSEL=     582.72

STA=        0.      200.      401.      490.      432.      450.      900.     1000.
  PER Q=       9.3      14.7       0.8      21.7       1.9      35.9      15.2
   AREA=     568.3     721.9      35.9     229.0      71.8    1379.5     658.3
    VEL=       0.3       0.4       0.4       1.7       0.5       0.5       0.4

*SECNO 1939.000

        SECTION SAME AS 14329 FIELD BOOK 355                                E                3900

  1939.00     11.63    582.90      0.00      0.00    582.92      0.01      0.19      0.00    571.30
    1840.      737.      480.      623.     2179.      279.     1446.      152.       37.    571.30
     0.69      0.36      1.72      0.43     0.120     0.040     0.100     0.039    571.27    115.29
 0.000051     1643.     1648.     1648.         2         0         0      0.00    621.82    937.11

FLOW DISTRIBUTION FOR SECNO=    1939.00          CWSEL=     582.90

STA=      115.      415.      515.      575.      613.      637.      702.      759.      837.      937.
  PER Q=      13.1      13.3      10.7       2.5      26.1      12.7       9.1       9.4       2.0
   AREA=     392.5     630.9     510.7     174.4     378.9     672.5     379.[illegible]     419.[illegible]     174.8
```

```
    VEL=      0.3      0.4      0.4      0.4      1.7      0.5      0.5      0.4      0.2

*SECNO 2659.000

        SECTION SAME AS 13601                                                  F

  2659.00     9.55   582.97     0.00     0.00   582.98     0.01     0.06     0.00   574.07
    1840.     771.     321.     748.    2414.     218.    1635.     219.      51.   574.62
     1.04     0.32     1.47     0.46    0.120    0.040    0.100    0.039   573.42   284.53
 0.000083     720.     720.     720.        2        0        0     0.00   924.86  1209.39

FLOW DISTRIBUTION FOR SECNO=   2659.00          CWSEL=    582.97

STA=      285.     678.     720.     843.     883.     888.     912.    1062.    1112.    1150.    1209.
  PER Q=     13.4      4.1     18.7      4.8      0.9     17.4     23.1     12.8      3.9      0.8
   AREA=   1070.6    221.5    845.2    238.0     39.1    218.1    878.6    481.2    186.5     88.2
    VEL=      0.2      0.3      0.4      0.4      0.4      1.5      0.5      0.5      0.4      0.2

*SECNO 3189.000

                                  BASED ON FIELD NOTES & QUAD MAP

  3189.00     9.51   583.01     0.00     0.00   583.02     0.01     0.04     0.00   574.00
    1840.    1014.     361.     465.    2694.     261.    1220.     270.      62.   574.00
     1.28     0.38     1.50     0.33    0.120    0.040    0.100    0.039   573.50   129.17
 0.000084     530.     530.     530.        0        0        0     0.00   864.63   993.80

FLOW DISTRIBUTION FOR SECNO=   3189.00          CWSEL=    583.01

STA=      129.     325.     490.     650.     683.     808.     714.     719.     810.     905.     994.
  PER Q=      2.4     16.9     29.3      5.5      0.9     19.6      1.1     13.4     13.7      0.1
   AREA=    295.0    893.1   1226.0    239.7     40.1    240.8     40.1    547.2    623.5      9.3
    VEL=      0.1      0.3      0.4      0.4      0.4      1.5      0.5      0.4      0.3      0.1

CCHV=   0.300 CSHV=   0.500
*SECNO 3389.000
   SECNO     DEPTH    CWSEL    CDIUS    WSELK    EG       HV       HL       QLOSS    BANK ELEV
   Q         QLOB     QCH      QROB     ALOB     ACH      AROB     VOL      TWA      LEFT/RIGHT
   TIME      VLOB     VCH      VROB     XNL      XNCH     XNR      WTN      ELMIN       SSTA
   SLOPE     XLOBL    XLCH     XLOBR    ITRIAL   IN2      ICONT    CORAR    TOPWID      ENDST

                                                                                  H

        D/S FACE PENN CENTRAL

  3389.00     8.08   583.03     0.00     0.00   583.03     0.00     0.01     0.00   575.05
    1840.    1212.     163.     465.    3087.     209.    2009.     239.      67.   575.05
     1.41     0.39     0.78     0.23    0.060    0.040    0.060    0.040   574.95    78.06
 0.000027     150.     200.     200.        0        0        0     0.02  1542.29  1621.14

FLOW DISTRIBUTION FOR SECNO=   3389.00          CWSEL=    583.03

STA=       79.     200.     491.     611.     733.     738.     764.     769.     791.    1500.    1621.
```

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PER Q=	1.7	24.5	18.8	25.0	0.9	8.8	0.4	5.8	17.4	1.7
AREA=	183.4	1288.7	771.4	807.5	35.5	208.7	25.6	487.0	1312.5	183.4
VEL=	0.2	0.3	0.4	0.5	0.5	0.3	0.3	0.2	0.2	0.2

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.65	3.00	1600.00	17.00	0.00	93.50	0.00	574.95	574.95

*SECNO 3403.000
PRESSURE AND WEIR FLOW

CGPRS	EGLHC	HS	OHEIR	OPR	PAREA	TRAPEZOID AREA	ELLC	ELTRD
592.95	583.08	0.00	1126.	728.	94.	94.	560.45	584.20

U/S FACE PENN CENTRAL

3403.00	9.62	584.57	0.00	0.00	584.58	0.01	1.55	0.00	575.05
1840.	328.	301.	1211.	1098.	201.	2371.	291.	67.	575.05
1.41	0.30	1.00	0.59	0.060	0.040	0.060	0.040	574.95	71.35
0.000030	14.	14.	14.	0	0	0	0.00	1486.69	1558.03

FLOW DISTRIBUTION FOR SECNO= 3403.00 CWSEL= 584.57

STA=	71.	510.	785.	791.	812.	815.	824.	1110.	1550.
PER Q=	3.1	9.0	0.8	16.3	0.0	1.9	42.5	22.6	
AREA=	365.9	500.4	31.8	201.2	33.3	53.0	1201.1	1003.6	
VEL=	0.3	0.3	0.5	1.5	0.6	0.7	0.6	0.4	

CCHV= 0.100 CEHV= 0.300
*SECNO 3443.000

BASED ON FIELD NOTES & QUAD MAP

3443.00	12.08	584.58	0.00	0.00	584.58	0.00	0.00	0.00	573.00
1820.	808.	439.	573.	4195.	709.	3254.	296.	69.	573.00
1.45	0.19	0.62	0.18	0.000	0.039	0.040	0.040	572.90	12.73
0.000003	40.	40.	40.	0	0	0	0.00	1359.33	1372.31

FLOW DISTRIBUTION FOR SECNO= 3443.00 CWSEL= 584.58

STA=	13.	150.	404.	474.	684.	670.	730.	733.	[illegible]	[illegible]	1064.	1075.	1372.
PER Q=	1.6	16.4	8.9	16.8	0.7	24.1	0.5	6.5	[illegible]	[illegible]	0.6	3.4	
AREA=	313.8	1664.4	753.7	1423.5	59.8	709.4	47.5	582.5	1016.6	[illegible]	67.4	679.9	
VEL=	0.1	0.2	0.2	0.2	0.2	0.6	0.2	0.2	0.2	0.2	0.2	0.1	

*SECNO 3443.000

ABANDONED ABUTMENT BY PENN CENTRAL R.R.

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 3483.00    12.07   584.57     0.00     0.00   584.59     0.02     0.00     0.01   573.00
   1820.     712.     420.     658.    1840.     189.    1797.     302.      70.   573.00
    1.47     0.39     2.22     0.38    0.080    0.035    0.080    0.040   572.50    12.74
0.000102      40.      40.      40.        1        0        0     0.00  1270.26  1283.01

FLOW DISTRIBUTION FOR SECNO=   3483.00          CWSEL=    584.57

STA=      13.     150.     310.     640.     642.     658.     660.     690.     770.     880.     940.    1100.    1263.
  PER Q=      5.6     14.7     18.6      0.2     23.1      0.2      1.4      4.0      7.2      3.6     14.1      7.5
   AREA=    314.0    596.0    915.8     14.3    189.2     14.3     72.8    206.0    332.8    172.5    580.0    418.6
    VEL=      0.3      0.4      0.4      0.3      2.2      0.3      0.3      0.4      0.4      0.4      0.4      0.3

*SECNO 3521.000

        SECTION SAME AS 12739

 3521.00    12.54   584.56     0.00     0.00   584.60     0.03     0.00     0.00   574.72
   1820.     797.     542.     402.    1745.     213.    1207.     305.      71.   572.02
    1.48     0.46     2.54     0.40    0.080    0.035    0.080    0.040   572.02     8.38
0.000137      38.      38.      38.        0        0        0     0.00  1148.80  1157.39

FLOW DISTRIBUTION FOR SECNO=   3521.00          CWSEL=    584.56

STA=       9.     100.     266.     406.     551.     591.     609.     669.     724.     869.    1157.
  PER Q=      4.3     17.6      9.7      9.5      2.6     29.8      4.3      5.2     10.5      6.4
   AREA=    208.9    616.0    402.6    402.5    115.2    212.9    183.4    191.2    427.9    405.0
    VEL=      0.4      0.5      0.4      0.4      0.4      2.5      0.4      0.5      0.4      0.3

*SECNO 4266.000
   SECNO    DEPTH    CWSEL    CRIMS    WSELK    EO       MV       NL       BLOSS   BANK ELEV
   Q        QLOB     QCH      QROB     ALOB     ACH      AROB     VOL      TSA     LEFT/RIGHT
   TIME     VLOB     VCH      VROB     XNL      XNCH     XNR      WTN      ELMIN      SSTA
   SLOPE    XLOBL    XLCH     XLOBR    XTRIAL   IN2      XCONT    CORAR    TOPWID     ENDST

        SECTION SAME AS 11994

 4266.00    12.38   584.65     0.00     0.00   584.65     0.01     0.06     0.00   575.52
   1820.    1101.     339.     300.    2331.     240.     991.     342.      87.   574.87
    1.80     0.51     1.41     0.39    0.080    0.035    0.080    0.039   572.27     8.67
0.000048     745.     745.     745.        0        0        0     0.00   755.83   764.50

FLOW DISTRIBUTION FOR SECNO=   4266.00          CWSEL=    584.65

STA=       9.     125.     170.     308.     323.     338.     362.     364.     386.     418.     478.     515.     530.
STA=     764.
  PER Q=      3.4     10.2     39.3      3.9      3.2      4.5      0.4     18.6      3.3      5.4      3.1      3.6
  PER Q=      1.1
   AREA=    270.6    385.2   1239.3    130.2    116.7    172.9     16.5    240.3    164.9    275.3    162.8    222.1
   AREA=    166.3
    VEL=      0.2      0.5      0.6      0.5      0.5      0.5      0.4      1.6      0.4      0.4      0.3      0.3
```

VEL= 3.1

SCHV= 0.100 CEHV= 0.300

*SECNO 4617.000

3265 DIVIDED FLOW

STOPPED AT HOUSE LINE BASED ON FIELD NOTES & QUAD MAP

4617.00	12.19	584.65	0.00	0.00	584.68	0.04	0.02	0.01	572.50
1820.	464.	1144.	213.	1038.	608.	420.	385.	92.	572.50
1.87	0.45	1.89	0.51	0.060	0.035	0.040	0.050	572.46	9.01
0.000070	351.	351.	351.	2	0	0	0.00	572.90	415.95

FLOW DISTRIBUTION FOR SECNO= 4617.00 CWSEL= 584.65

STA=	9.	120.	160.	240.	250.	260.	310.	320.	330.	331.	366.	415.	416.
PER Q=	3.5	4.2	12.2	2.1	5.8	62.8	3.3	2.0	0.0	0.0	6.4	0.0	
AREA=	242.2	179.9	491.8	69.0	96.5	608.3	94.5	65.5	6.1	2.7	252.2	2.2	
VEL=	0.3	0.4	0.5	0.6	0.7	1.9	0.6	0.5	0.1	0.1	0.5	0.1	

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****
NEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FRANK & POET -TRENTON

SUMMARY PRINTOUT TABLE 150

SECNO	XLOC	ELTRD	ELLC	ELSIN	A	CHSEL	CHING	CG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	570.73	765.00	581.63	0.05	581.63	0.06	0.42	3674.90	3153.73
0.000	0.00	0.00	0.00	570.73	1010.00	582.43	0.00	582.43	0.07	0.48	4166.13	3864.61
0.000	0.00	0.00	0.00	570.73	1100.00	582.72	0.00	582.72	0.07	0.50	4344.21	4136.34
0.000	0.00	0.00	0.00	570.73	1350.00	583.73	0.00	583.73	0.07	0.52	4964.36	5138.66
1.000	32.00	0.00	0.00	572.13	770.00	581.63	0.00	581.64	0.58	1.09	1795.34	1014.02
1.000	32.00	0.00	0.00	572.13	1015.00	582.43	0.00	582.43	0.47	1.03	2339.37	1486.15
1.000	32.00	0.00	0.00	572.13	1105.00	582.72	0.00	582.72	0.43	1.02	2536.59	1677.04
1.000	32.00	0.00	0.00	572.13	1365.00	583.73	0.00	583.73	0.32	0.93	3223.40	2418.86
2.000	1.00	576.73	576.13	572.13	770.00	581.63	0.03	581.64	0.09	0.57	1708.31	2499.39
2.000	1.00	576.73	576.13	572.13	1015.00	582.43	0.00	582.43	0.07	0.53	2253.00	3901.10
2.000	1.00	576.73	576.13	572.13	1105.00	582.72	0.00	582.72	0.06	0.52	2450.23	4470.67
2.000	1.00	576.73	576.13	572.13	1365.00	583.73	0.00	583.73	0.04	0.47	3137.37	6693.26
3.000	30.00	576.73	576.13	572.13	770.00	581.63	0.00	581.64	0.09	0.57	1711.96	2507.92
3.000	30.00	576.73	576.13	572.13	1015.00	582.43	0.00	582.43	0.07	0.53	2255.66	3908.64
3.000	30.00	576.73	576.13	572.13	1105.00	582.72	0.00	582.72	0.06	0.52	2452.55	4477.57
3.000	30.00	576.73	576.13	572.13	1365.00	583.73	0.00	583.73	0.04	0.47	3138.86	6696.66
4.000	1.00	0.00	0.00	572.13	770.00	581.63	0.00	581.64	0.36	0.94	1796.50	1283.90
4.000	1.00	0.00	0.00	572.13	1015.00	582.43	0.00	582.44	0.28	0.88	2340.36	1902.02
4.000	1.00	0.00	0.00	572.13	1105.00	582.72	0.00	582.72	0.26	0.87	2537.26	2152.77
4.000	1.00	0.00	0.00	572.13	1365.00	583.73	0.00	583.73	0.19	0.78	3223.73	3124.51
291.000	50.00	0.00	0.00	572.13	1250.00	581.63	0.00	581.64	2.08	1.81	2575.67	866.35
291.000	50.00	0.00	0.00	572.13	1700.00	582.43	0.00	582.44	1.81	1.78	3375.48	1264.24
291.000	50.00	0.00	0.00	572.13	1840.00	582.72	0.00	582.73	1.67	1.74	3664.78	1426.94
291.000	50.00	0.00	0.00	572.13	2240.00	583.73	0.00	583.74	1.21	1.58	4674.31	2050.30
1939.000	1648.00	0.00	0.00	571.27	1250.00	581.62	0.00	581.63	0.68	1.45	3044.08	1510.30
1939.000	1648.00	0.00	0.00	571.27	1700.00	582.62	0.00	582.63	0.81	1.69	3666.64	1896.45
1939.000	1648.00	0.00	0.00	571.27	1840.00	582.90	0.00	582.92	0.81	1.72	3903.56	2038.51
1932.000	1648.00	0.00	0.00	571.27	2240.00	583.54	0.00	583.90	0.76	1.75	4747.98	2597.64
2559.000	720.00	0.00	0.00	573.48	1250.00	581.17	0.00	581.38	0.74	1.29	3237.63	1454.19

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2659.000	720.00	0.00	0.00	573.42	1780.00	582.69	0.00	582.69	0.84	1.45	4037.35	1358.89
2659.000	720.00	0.00	0.00	573.42	1840.00	582.97	0.00	582.78	0.82	1.47	4266.91	2020.61
2659.000	720.00	0.00	0.00	573.42	2260.00	583.94	0.00	583.95	0.74	1.60	5199.84	2636.72

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SECNO	XLOC	ELTRD	ELLC	ELMIN	Q	ANSEL	CRITS	EG	TOKES	VC*	ALOA	.01R
3189.000	530.00	0.00	0.00	573.50	1250.00	581.91	0.00	581.92	0.75	1.30	3243.81	1448.19
3189.000	530.00	0.00	0.00	573.50	1700.00	582.73	0.00	582.74	0.84	1.47	3912.58	1857.93
3189.000	530.00	0.00	0.00	573.50	1840.00	583.01	0.00	583.02	0.84	1.50	4154.68	2012.69
3189.000	530.00	0.00	0.00	573.50	2260.00	583.98	0.00	583.99	0.76	1.53	5024.51	2593.32
3389.000	200.00	0.00	0.00	574.95	1250.00	581.92	0.00	581.93	0.34	0.78	3651.99	2153.99
3389.000	200.00	0.00	0.00	574.95	1700.00	582.75	0.00	582.75	0.29	0.79	4870.22	3131.63
3389.000	200.00	0.00	0.00	574.95	1840.00	583.03	0.00	583.03	0.27	0.78	5303.80	3517.39
3389.000	200.00	0.00	0.00	574.95	2260.00	583.99	0.00	584.00	0.20	0.72	6830.68	5011.41
3403.000	14.00	584.20	580.45	574.95	1250.00	584.57	0.00	584.57	0.45	1.11	3364.32	1860.19
3403.000	14.00	584.20	580.45	574.95	1700.00	584.53	0.00	584.53	0.71	1.41	3602.20	2016.70
3403.000	14.00	584.20	580.45	574.95	1840.00	584.57	0.00	584.58	0.80	1.50	3670.51	2062.33
3403.000	14.00	584.20	580.45	574.95	2260.00	584.70	0.00	584.71	1.06	1.74	3862.17	2191.92
3443.000	40.00	0.00	0.00	572.50	1240.00	584.37	0.00	584.37	0.04	0.44	7879.53	6186.99
3443.000	40.00	0.00	0.00	572.50	1680.00	584.53	0.00	584.54	0.07	0.58	8097.52	6416.05
3443.000	40.00	0.00	0.00	572.50	1820.00	584.53	0.00	584.58	0.08	0.62	8158.96	6480.65
3443.000	40.00	0.00	0.00	572.50	2230.00	584.71	0.00	584.72	0.11	0.74	8337.01	6668.09
3483.000	40.00	0.00	0.00	572.50	1240.00	584.36	0.00	584.37	0.57	1.64	3568.50	1645.45
3483.000	40.00	0.00	0.00	572.50	1680.00	584.52	0.00	584.54	0.90	2.08	3768.39	1769.76
3483.000	40.00	0.00	0.00	572.50	1820.00	584.57	0.00	584.59	1.02	2.22	3828.31	1806.44
3483.000	40.00	0.00	0.00	572.50	2230.00	584.70	0.00	584.72	1.36	2.50	3993.76	1914.15
3521.000	38.00	0.00	0.00	572.02	1240.00	584.36	0.00	584.38	0.77	1.88	2931.08	1416.78
3521.000	38.00	0.00	0.00	572.02	1680.00	584.52	0.00	584.55	1.21	2.39	3113.49	1524.27
3521.000	38.00	0.00	0.00	572.02	1820.00	584.56	0.00	584.60	1.37	2.54	3165.53	1555.64
3521.000	38.00	0.00	0.00	572.02	2230.00	584.69	0.00	584.73	1.33	2.97	3319.46	1646.46
4266.000	745.00	0.00	0.00	572.27	1240.00	584.41	0.00	584.41	0.25	1.01	3383.49	2411.44
4266.000	745.00	0.00	0.00	572.27	1680.00	584.59	0.00	584.60	0.42	1.32	3522.02	2507.56
4266.000	745.00	0.00	0.00	572.27	1820.00	584.65	0.00	584.65	0.48	1.41	3563.16	2632.07
4266.000	745.00	0.00	0.00	572.27	2230.00	584.80	0.00	584.81	0.67	1.68	3634.14	2733.69
4617.000	351.00	0.00	0.00	572.46	1240.00	584.61	0.00	584.62	0.36	1.33	1990.98	2074.54
4617.000	351.00	0.00	0.00	572.46	1680.00	584.59	0.00	584.62	0.61	1.75	2046.36	2151.43
4617.000	351.00	0.00	0.00	572.46	1820.00	584.65	0.00	584.68	0.70	1.88	2066.16	2174.72
4617.000	351.00	0.00	0.00	572.46	2230.00	584.80	0.00	584.85	0.99	2.25	2124.73	2243.93

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FRANK & PORT -TRENTON

SUMMARY PRINTOUT TABLE 150.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKES	TCPBID	XLCH
0.000	765.00	581.63	0.00	0.00	0.00	614.00	0.00
0.000	1010.00	582.43	0.00	0.00	0.00	614.00	0.00
0.000	1100.00	582.72	0.00	0.00	0.00	614.00	0.00
0.000	1350.00	583.73	0.00	0.00	0.00	614.00	0.00
1.000	770.00	581.63	0.00	-0.00	0.00	640.00	32.00
1.000	1015.00	582.43	0.00	-0.00	0.00	650.00	32.00
1.000	1105.00	582.72	0.00	-0.00	0.00	630.00	32.00
1.000	1365.00	583.73	0.00	-0.00	0.00	680.00	32.00
2.000	770.00	581.63	0.00	0.00	0.00	480.00	1.00
2.000	1015.00	582.43	0.00	0.00	0.00	480.00	1.00
2.000	1105.00	582.72	0.00	0.00	0.00	480.00	1.00
2.000	1365.00	583.73	0.00	0.00	0.00	480.00	1.00
3.000	770.00	581.63	0.00	0.00	0.00	660.00	30.00
3.000	1015.00	582.43	0.00	0.00	0.00	680.00	30.00
3.000	1105.00	582.72	0.00	0.00	0.00	660.00	30.00
3.000	1365.00	583.73	0.00	0.00	0.00	660.00	30.00
4.000	770.00	581.63	0.00	-0.00	0.00	680.00	1.00
4.000	1015.00	582.43	0.00	-0.00	0.00	680.00	1.00
4.000	1105.00	582.72	0.00	-0.00	0.00	680.00	1.00
4.000	1365.00	583.73	0.00	-0.00	0.00	680.00	1.00
291.000	1250.00	581.63	0.00	-0.00	0.00	1000.00	50.00
291.000	1700.00	582.43	0.00	-0.00	0.00	1000.00	50.00
291.000	1840.00	582.72	0.00	-0.00	0.00	1000.00	50.00
291.000	2250.00	583.73	0.00	-0.00	0.00	1000.00	50.00
1939.000	1250.00	581.63	0.00	0.19	0.00	796.05	1648.00
1939.000	1700.00	582.62	0.00	0.19	0.00	796.92	1648.00
1939.000	1840.00	582.90	0.00	0.19	0.00	821.62	1648.00
1939.000	2260.00	583.86	0.00	0.15	0.00	904.95	1648.00
2659.000	1250.00	581.87	0.00	0.07	0.00	880.74	720.00
2659.000	1700.00	582.69	0.00	0.07	0.00	908.13	720.00
2659.000	1840.00	582.97	0.00	0.07	0.00	924.86	720.00
2659.000	2260.00	583.94	0.00	0.06	0.00	992.46	720.00
3189.000	1250.00	581.91	0.00	0.04	0.00	706.40	530.00
3189.000	1700.00	582.77	0.00	0.04	0.00	845.04	530.00
3189.000	1840.00	583.01	0.00	0.04	0.00	884.62	530.00
3189.000	2260.00	583.98	0.00	0.04	0.00	931.62	530.00
3389.000	1250.00	581.93	0.00	0.01	0.00	1454.69	200.00
3389.000	1700.00	582.75	0.00	0.02	0.00	1512.65	200.00
3389.000	1840.00	583.00	0.00	0.02	0.00	1542.80	200.00

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3389.000	2260.00	583.99	0.00	0.61	0.00	1619.55	200.00	
3403.000	1250.00	586.37	0.00	2.46	0.00	1430.00	14.00	
3403.000	1700.00	584.53	0.00	1.78	0.00	1474.23	14.00	
3403.000	1840.00	584.57	0.00	1.54	0.00	1486.69	14.00	
3403.000	2260.00	584.70	0.00	0.71	0.00	1521.10	14.00	

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SECNO	Q	CUSEL	DIFMSP	DIFMSX	DIFMUS	TOPWID	XLCH
3443.000	1240.00	584.37	0.00	0.00	0.00	1339.86	40.00
3443.000	1680.00	584.53	0.00	0.01	0.00	1355.21	40.00
3443.000	1820.00	584.58	0.00	0.01	0.00	1359.53	40.00
3443.000	2230.00	584.71	0.00	0.01	0.00	1371.91	40.00
3483.000	1240.00	584.36	0.00	-0.01	0.00	1255.9[illegible]	40.00
3483.000	1680.00	584.52	0.00	-0.01	0.00	1267.07	40.00
3483.000	1820.00	584.57	0.00	-0.01	0.00	1270.26	40.00
3483.000	2230.00	584.70	0.00	-0.01	0.00	1279.46	40.00
3521.000	1240.00	584.36	0.00	-0.00	0.00	1124.19	38.00
3521.000	1680.00	584.52	0.00	-0.00	0.00	1143.38	38.00
3521.000	1820.00	584.56	0.00	-0.00	0.00	1148.80	38.00
3521.000	2230.00	584.69	0.00	-0.01	0.00	1164.27	38.00
4266.000	1240.00	584.41	0.00	0.05	0.00	724.93	745.00
4266.000	1680.00	584.59	0.00	0.07	0.00	748.86	745.00
4266.000	1820.00	584.65	0.00	0.08	0.00	755.83	745.00
4266.000	2230.00	584.80	0.00	0.11	0.00	775.94	745.00
4617.000	1240.00	584.41	0.00	0.00	0.00	366.78	351.00
4617.000	1680.00	584.59	0.00	0.00	0.00	371.42	351.00
4617.000	1820.00	584.65	0.00	0.00	0.00	372.80	351.00
4617.000	2230.00	584.80	0.00	0.00	0.00	376.87	351.00

SUMMARY OF ERRORS

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FORM 1411-CD PRINTED BY ROTARY MANIFOLD FORMS.

FLOOD INSURANCE ZONE DATA FOR FRANK E. POET -TESTO.

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10¢	2¢	0.2¢
0.000	0.	-1.1	-0.3	1.0
1.000	32.	-1.1	-0.3	1.0
2.000	33.	-1.1	-0.3	1.0
3.000	71.	-1.1	-0.3	1.0
4.000	72.	-1.1	-0.3	1.0
291.000	122.	-1.1	-0.3	1.0
1959.000	1770.	-1.1	-0.3	1.0
2659.000	2490.	-1.1	-0.3	1.0
3189.000	3020.	-1.1	-0.3	1.0
3389.000	3220.	-1.1	-0.3	1.0
3403.000	3234.	-0.2	-0.0	0.1
3443.000	3274.	-0.2	-0.0	0.1
3483.000	3314.	-0.2	-0.0	0.1
3521.000	3352.	-0.2	-0.0	0.1
4266.000	4097.	-0.2	-0.1	0.2
4617.000	4448.	-0.2	-0.1	0.2
WEIGHTED AVG FOR REACH		-0.9	-0.2	0.8

FOR FOR THE REACH # 010 WITH 72.72 % THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA 100	10	DIFF.	WTD. AVG.	FRF	PERCENT WITHIN
	0.					SEC.	0.000
1	100.	581.6	582.7	-1.1	-1.1	010	100.
	32.					SEC.	1.000
	33.					SEC.	2.000
	71.					SEC.	3.000
	72.					SEC.	4.000
	122.					SEC.	291.000
2	200.	581.6	582.7	-1.1	-1.1	010	100.
3	300.	581.6	582.7	-1.1	-1.1	010	100.
4	400.	581.7	582.7	-1.1	-1.1	010	100.
5	500.	581.7	582.8	-1.1	-1.1	010	100.
6	600.	581.7	582.8	-1.1	-1.1	010	100.

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7	700.	581.7	582.8	-1.1	-1.1	010	120.
8	800.	581.7	582.9	-1.1	-1.1	010	100.
9	900.	581.7	582.9	-1.1	-1.1	010	100.
10	1000.	581.7	582.8	-1.1	-1.1	010	100.
11	1100.	581.7	582.8	-1.1	-1.1	010	100.
12	1200.	581.7	582.8	-1.1	-1.1	010	100.
13	1300.	581.8	582.9	-1.1	-1.1	010	100.
14	1400.	581.8	582.9	-1.1	-1.1	010	100.
15	1500.	581.8	582.9	-1.1	-1.1	010	100.
16	1600.	581.8	582.9	-1.1	-1.1	010	100.
17	1700.	581.8	582.9	-1.1	-1.1	010	100.
	1770.				SEC.	1939.000	
18	1800.	581.8	582.9	-1.1	-1.1	010	100.
19	1900.	581.8	582.9	-1.1	-1.1	010	100.
20	2000.	581.8	582.9	-1.1	-1.1	010	100.
21	2100.	581.8	582.9	-1.1	-1.1	010	100.
22	2200.	581.8	582.9	-1.1	-1.1	010	100.
23	2300.	581.9	582.9	-1.1	-1.1	010	100.
24	2400.	581.9	583.0	-1.1	-1.1	010	100.
	2490.				SEC.	2659.000	
25	2500.	581.9	583.0	-1.1	-1.1	010	100.
26	2600.	581.9	583.0	-1.1	-1.1	010	100.
27	2700.	581.9	583.0	-1.1	-1.1	010	100.
28	2800.	581.9	583.0	-1.1	-1.1	010	100.
29	2900.	581.9	583.0	-1.1	-1.1	010	100.
30	3000.	581.9	583.0	-1.1	-1.1	010	100.
	3020.				SEC.	3189.000	
31	3100.	581.9	583.0	-1.1	-1.1	010	100.
32	3200.	581.9	583.0	-1.1	-1.1	010	100.
	3220.				SEC.	3319.000	
	3254.				SEC.	3433.000	
	3274.				SEC.	3443.000	
33	3300.	584.6	584.6	-0.2	-1.9	010	92.
	3314.				SEC.	3433.000	
	3352.				SEC.	3521.000	
34	3400.	584.4	584.6	-0.2	-1.0	010	94.
35	3500.	584.4	584.6	-0.2	-1.0	010	91.
36	3600.	584.4	584.6	-0.2	-1.0	010	89.
37	3700.	584.4	584.6	-0.2	-1.0	010	86.
38	3800.	584.4	584.6	-0.2	-1.0	010	84.
39	3900.	584.4	584.6	-0.2	-0.9	010	82.
40	4000.	584.4	584.6	-0.2	-0.9	010	80.
	4097.				SEC.	4206.000	
41	4100.	584.4	584.6	-0.2	-0.9	010	76.
42	4200.	584.4	584.6	-0.2	-0.9	010	76.
43	4300.	584.4	584.6	-0.2	-0.9	010	74.
44	4400.	584.4	584.6	-0.2	-0.9	010	73.
	4448.				SEC.	4617.000	

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 20A WHERE A IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE: 202 40 44
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

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FORM 1411-CD PRINTED BY ROTARY MANIFOLD FORMS

AMERICAN COMPUTER PROGRAMS

R400 07** SM:07** LM:07** FW:E5-843 23A00561 PR01 PR/H112/FI/SI/A/H132

HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

C
T1 CITY OF TRENTON FIS HUD 2011-07 FRANK & POET FROM KING ROAD TO VREELAND RD
T2 AT U/S LIMIT 10YR=1220 50=1660 100 YR=1800 500 YR=2200 WATER ELEV FROM FIS
T3 FRANK & POET -TRENTON GIBRALTAR AT VREELAND

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	NSEL	FQ
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	582.720	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000
QT	5.000	770.000	1015.000	1105.000	1105.000	1365.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X-SECT.D/S OF VREELAND RD.FROM GIBRALTAR FIS

X1	0.000	14.000	435.000	460.000	0.300	0.030	0.030	0.600	0.000	0.000
GR	580.400	0.000	580.400	60.000	578.600	80.000	574.600	100.000	574.600	130.000
GR	573.700	410.000	573.600	435.000	569.300	450.000	573.700	460.000	573.800	475.000

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GR	574.000	650.000	570.000	625.000	575.000	710.000	577.000	700.000	0.000	0.000
NC	0.060	0.060	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	D/S FACE OF VREELAND RD.			BASED ON FIELD NOTES & QUAD MAP						
X1	200.000	12.000	510.000	552.000	33.000	33.000	33.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	576.000	576.000	0.000
GR	585.000	0.000	580.000	125.000	574.400	325.000	576.800	475.000	575.400	504.000
GR	570.100	510.000	570.000	525.800	570.100	552.000	574.800	558.000	575.700	725.000
GR	580.000	975.000	585.000	1100.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.930	3.000	0.000	21.500	8.540	118.250	0.000	570.100	570.100
	U/S FACE OF VREELAND RD.			BASED ON FIELD NOTES & QUAD MAP						
X1	241.000	14.000	908.000	932.000	41.000	41.000	41.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	575.600	577.940	0.000	0.000	0.000	0.000	0.000
BT	20.000	0.000	585.000	0.000	170.000	580.000	0.000	722.000	578.610	0.000
BT	812.000	578.210	0.000	909.840	577.940	0.000	909.850	577.940	575.600	914.150
BT	577.940	575.600	914.160	577.940	0.000	918.440	577.940	0.000	918.450	577.940
BT	575.600	922.750	577.940	575.600	922.760	577.940	0.000	927.040	577.940	0.000
BT	927.050	577.940	575.600	931.350	577.940	575.600	931.360	577.940	0.000	1032.000
BT	578.270	0.000	1132.000	578.770	0.000	1312.000	580.000	0.000	1470.000	585.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	170.000	578.610	722.000	575.220	899.000	574.020	904.000
GR	570.110	908.000	570.100	920.000	570.110	932.000	573.920	941.000	575.070	946.000
GR	576.000	1032.000	578.770	1132.000	580.000	1312.000	585.000	1470.000	0.000	0.000
QT	5.000	1250.000	1700.000	1840.000	1840.000	2260.000	0.000	0.000	0.000	0.000
NC	0.120	0.100	0.040	0.100	0.300	0.000	0.000	0.000	0.000	0.000
				BASED ON FIELD NOTES & QUAD MAP						
X1	291.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
	SECTION SAME AS 14321 FIELD BOOK 955									
X1	1939.000	15.000	613.000	637.000	1648.000	1648.000	1648.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	275.000	576.370	415.000	576.420	515.300	576.620	595.000
GR	576.250	610.000	571.300	613.000	571.270	625.000	571.300	637.000	575.640	640.000
GR	575.840	702.000	576.670	759.000	578.370	837.000	580.000	850.000	585.000	1000.000
	SECTION SAME AS 13601									
X1	2659.000	25.000	888.000	912.000	720.000	720.000	720.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	75.000	592.500	76.000	592.500	99.000	584.500	100.000
GR	584.500	200.000	592.500	201.000	592.500	224.000	584.500	225.000	580.000	400.000
GR	579.470	678.000	575.920	720.000	576.020	738.000	576.220	843.000	577.820	858.000
GR	576.220	883.000	574.070	888.000	573.420	900.000	574.620	912.000	575.720	915.000
GR	576.420	922.000	576.070	1042.000	576.120	1112.000	580.000	1150.000	585.000	1250.000
				BASED ON FIELD NOTES & QUAD MAP						

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X1	3189.000	12.000	688.000	714.000	530.000	530.000	530.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	325.000	575.200	490.000	575.500	650.000	576.000	683.000
GR	574.000	688.000	573.500	700.000	574.000	714.000	576.000	719.000	578.000	810.000
GR	580.900	985.000	584.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S FACE PENN CENTRAL

X1	3389.000	12.000	738.000	764.000	160.000	200.000	200.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	581.000	581.000	0.000
GR	585.000	0.000	580.000	200.000	577.200	491.000	576.000	611.000	576.820	733.000
GR	575.050	738.000	574.950	750.000	575.050	764.000	580.770	769.000	580.900	991.000
GR	580.000	1500.000	585.000	1700.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.650	3.000	1600.000	17.000	0.000	93.500	0.000	574.950	574.950

U/S FACE PENN CENTRAL

X1	3403.000	10.000	791.000	812.000	14.000	14.000	14.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	580.450	584.200	0.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	582.000	510.000	583.520	785.000	575.050	791.000	574.950	800.000
GR	575.050	812.000	578.570	815.000	580.000	825.000	580.100	1110.000	585.000	1600.000
NC	0.080	0.080	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	5.000	1240.000	1680.000	1820.000	1820.000	2230.000	0.000	0.000	0.000	0.000

BASED ON FIELD NOTES & QUAD MAP

X1	3443.000	14.000	670.000	730.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	576.200	404.000	576.200	494.000	576.200	664.000
GR	573.000	670.000	572.500	700.000	573.000	730.000	577.200	735.000	577.200	814.000
GR	577.100	924.000	576.900	1064.000	580.000	1075.000	585.000	1400.000	0.000	0.000

ABANDONED ABUTMENT BY PENN CENTRAL R.R.

X1	3483.000	14.000	642.000	658.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	581.700	310.000	581.900	640.000	573.000	642.000
GR	572.500	650.000	573.000	658.000	581.900	660.000	582.400	690.000	581.600	770.000
GR	581.500	880.000	581.900	940.000	580.000	1106.000	585.000	1300.000	0.000	0.000

SECTION SAME AS 12739

X1	3521.000	17.000	591.000	609.000	38.000	38.000	38.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	100.000	581.720	266.000	561.670	406.000	581.920	551.000
GR	581.820	589.000	574.720	591.000	572.120	600.000	572.020	609.000	580.420	611.000
GR	582.120	619.000	582.170	629.000	581.170	669.000	581.020	724.000	582.220	869.000
GR	582.170	919.000	585.000	1200.000	0.000	0.000	0.000	0.000	0.000	0.000

SECTION SAME AS 11994

X1	4266.000	21.000	364.000	386.000	745.000	745.000	745.000	0.000	0.000	0.000

MOORE BUSINESS FORMS, INC 27 PAT NO 3,016,308; 3,429,827

GR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
GR	577.270	338.000	577.470	343.000	577.470	348.000	577.570	353.000	577.320	362.000
GR	575.520	364.000	572.270	375.000	574.870	386.000	579.220	388.000	580.110	418.000
GR	580.020	478.000	580.220	500.000	580.670	515.000	580.460	540.000	582.850	580.000
GR	585.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.080	0.080	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

STOPPED AT HOUSE LINE BASED ON FIELD NOTES & QUAD MAP

X1	4617.000	15.000	260.000	310.000	351.000	351.000	351.000	0.000	0.000	0.000
GR	585.000	0.000	580.300	120.000	580.000	160.000	578.000	240.000	577.500	250.000
GR	572.500	260.000	572.460	285.000	572.500	310.000	578.000	320.000	578.200	330.000
GR	585.000	331.000	585.000	365.000	579.000	366.000	580.000	415.000	585.000	416.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PROF 1

CCHV= 0.100 CEHV= 0.300
*SECNO ****
3280 CROSS SECTION 0.00 EXTENDED 3.72 FEET

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

X-SECT.D/S OF VREELAND RD.FROM GIBRALTAR FIS

0.00	13.42	582.72	0.00	582.72	582.72	0.00	0.00	0.00	573.60
1105.	484.	90.	530.	3146.	281.	3749.	0.	0.	573.70
0.00	0.15	0.32	0.14	0.060	0.035	0.060	0.000	569.30	0.00
0.000002	0.	0.	0.	0	0	0	0.00	1030.00	1030.00

FLOW DISTRIBUTION FOR SECNO= 0.00 CWSEL= 582.72

STA=	0.	130.	410.	435.	460.	630.	825.	910.	1030.
PER Q=	5.2	35.2	3.5	8.2	21.4	18.0	4.5	4.1	
AREA=	519.6	2399.6	226.7	281.2	1455.1	1388.4	435.2	470.4	
VEL=	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	

CCHV= 0.300 CEHV= 0.500
*SECNO 200.000

D/S FACE OF VREELAND RD. BASED ON FIELD NOTES & QUAD MAP

200.00	12.72	582.72	0.00	0.00	582.72	0.00	0.00	0.00	570.10
1105.	423.	249.	433.	2516.	532.	2619.	5.	1.	570.10
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MCP U MOORE BUSINESS FORMS, INC 27 PAT NO 3,016,308 3,429,827

0.000004	33.	33.	33.	0	0	0	0.00	986.00	1043.00

FLOW DISTRIBUTION FOR SECNO= 200.00 CWSEL= 582.72

STA=	57.	125.	325.	475.	504.	510.	552.	558.	725.	975.	1043.
PER Q=	0.5	15.7	18.0	3.1	1.0	22.5	1.1	21.7	15.9	0.5	
AREA=	92.5	1104.0	1068.0	192.0	59.8	532.1	61.6	1247.5	1217.5	92.5	
VEL=	0.1	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.1	0.1	

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.93	3.00	0.00	21.50	8.54	118.25	0.00	570.10	570.10

*SECNO 241.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
585.34	582.72	0.00	1013.	92.	118.	71.	575.60	577.94

U/S FACE OF VREELAND RD. BASED ON FIELD NOTES & QUAD MAP

241.00	12.64	582.74	0.00	0.00	582.74	0.00	0.02	0.00	570.11
1105.	528.	183.	393.	3136.	303.	2014.	10.	2.	570.11
0.08	0.17	0.60	0.20	0.060	0.035	0.060	0.034	570.10	76.92
0.000007	41.	41.	41.	0	0	6	0.00	1321.60	1398.51

FLOW DISTRIBUTION FOR SECNO= 241.00 CWSEL= 582.74

STA=	77.	170.	722.	899.	904.	908.	932.	941.	946.	1032.	1132.	1312.	1399.
PER Q=	0.9	25.4	19.6	0.9	1.0	16.6	2.6	1.0	13.6	9.6	7.9	0.9	
AREA=	127.4	1894.9	1030.6	40.6	42.7	303.2	96.5	41.2	619.4	535.3	603.5	118.4	
VEL=	0.1	0.1	0.2	0.3	0.3	0.6	0.3	0.3	0.2	0.2	0.1	0.1	

CCHV= 0.100 CEHV= 0.300
*SECNO 291.000

BASED ON FIELD NOTES & QUAD MAP

291.00	12.63	582.73	0.03	0.00	582.74	0.01	0.00	0.00	570.11
1840.	736.	447.	658.	3135.	303.	2014.	16.	3.	570.11
0.11	0.23	1.47	0.33	0.120	0.040	0.100	0.036	570.10	76.96
0.000053	50.	50.	50.	0	0	0	0.00	1321.52	1398.48

FLOW DISTRIBUTION FOR SECNO= 291.00 CWSEL= 582.73

STA=	77.	170.	722.	899.	904.	908.	932.	941.	946.	1032.	1132.	1312.	1398.

ALP @ MOORE BUSINESS FORMS, INC 27 PAT NO 3,016,108 3,429,827

PER Q=	[illegible]	21.2	10.4	[illegible]	[illegible]	24.5	2.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AREA=	127.3	1894.2	1030.4	40.6	42.7	303.2	96.5	41.2	619.3	535.2	603.3	118.3
VEL=	0.1	0.2	0.3	0.4	0.4	1.5	0.5	0.4	0.4	0.3	0.2	0.1

*SECNO 1939.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SECTION SAME AS 14321 FIELD BOOK 955

1939.00	11.57	582.84	0.00	0.00	582.85	0.01	0.11	0.00	571.30
1840.	735.	483.	622.	2146.	277.	1426.	192.	44.	571.30
0.73	0.34	1.74	0.44	0.120	0.040	0.100	0.040	571.27	118.93
0.000084	1648.	1648.	1648.	2	0	0	0.00	816.20	935.13

FLOW DISTRIBUTION FOR SECNO= 1939.00 CWSEL= 582.84

STA=	119.	415.	515.	595.	613.	637.	702.	759.	837.	935.
PER Q=	12.9	13.8	10.7	2.5	26.3	12.7	9.8	9.4	2.0	
AREA=	872.8	644.3	505.4	123.2	277.3	468.2	375.2	414.8	168.3	
VEL=	0.3	0.4	0.4	0.4	1.7	0.5	0.5	0.4	0.2	

*SECNO 2659.000

SECTION SAME AS 13601

2659.00	9.49	582.91	0.00	0.00	582.91	0.01	0.06	0.00	574.07
1840.	768.	323.	749.	2371.	216.	1613.	259.	58.	574.62
1.07	0.32	1.49	0.46	0.120	0.040	0.100	0.040	573.42	287.35
0.000086	720.	720.	720.	1	0	0	0.00	920.59	1207.94

FLOW DISTRIBUTION FOR SECNO= 2659.00 CWSEL= 582.91

STA=	287.	678.	720.	843.	883.	888.	912.	1042.	1112.	1150.	1208.
PER Q=	13.2	4.1	18.8	4.8	0.9	17.6	23.1	12.8	3.9	0.8	
AREA=	1042.1	218.5	836.2	235.1	38.8	216.3	869.2	476.1	183.8	83.9	
VEL=	0.2	0.3	0.4	0.4	0.4	1.5	0.5	0.5	0.4	0.2	

*SECNO 3189.000

BASED ON FIELD NOTES & QUAD MAP

3189.00	9.45	582.95	0.00	0.00	582.96	0.01	0.05	0.00	574.00
1840.	1014.	363.	463.	2659.	239.	1203.	309.	69.	574.00
1.31	0.38	1.52	0.38	0.120	0.040	0.100	0.040	573.50	133.19
0.000087	530.	530.	530.	0	0	0	0.00	860.36	993.55

FLOW DISTRIBUTION FOR SECNO= 3189.00 CWSEL= 582.95

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STA=      133.     325.     490.     650.     685.     688.     714.     719.     810.     785.
  PER Q=      2.3     16.9     29.4      5.5      0.9     19.7      1.1     13.4     10.6      0.1
   AREA=    283.0    882.9   1216.2    237.6     39.8    239.2     39.8    541.5    612.7      8.8
    VEL=      0.1      0.4      0.4      0.4      0.4      1.5      0.5      0.5      0.3      0.1

CCHV=   0.300 CEHV=   0.500
*SECNO 3389.000

        D/S FACE PENN CENTRAL

  3389.00     8.02   582.97     0.00     0.00   582.97     0.00     0.01     0.00   575.05
    1840.    1219.     165.     457.    3046.     207.    1956.     328.      74.   575.05
     1.43     0.40     0.79     0.23    0.060    0.040    0.060    0.040   574.95    81.31
 0.000029     160.     200.     200.        0        0        0     0.00  1537.38  1618.69

FLOW DISTRIBUTION FOR SECNO=   3389.00          CWSEL=    582.97

STA=      81.     200.     491.     611.     733.     738.     764.     769.     991.    1500.    1619.

  PER Q=      1.7     24.5     18.9     20.2      0.9      8.9      0.4      5.7     17.1      1.7
   AREA=    176.1   1270.9    764.1    800.0     35.2    207.1     25.3    473.4   1281.3    176.1
    VEL=      0.2      0.4      0.5      0.5      0.5      0.8      0.3      0.2      0.2      0.2

SPECIAL BRIDGE

SB  XK        XKOR      COFQ     RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
     0.00      1.65      3.00   1600.00     17.00      0.00     93.50      0.00    574.95    574.95

*SECNO 3403.000
PRESSURE AND WEIR FLOW

 EGPRS      EGLWC       H3       QWEIR      QPR       BAREA   TRAPEZOID      ELLC      ELTRD
                                                                AREA
  592.89    583.02     0.00     1112.      741.       94.       94.      580.45    584.20

        U/S FACE PENN CENTRAL

  3403.00     9.62   584.57     0.00     0.00   584.58     0.01     1.61     0.00   575.05
    1840.     327.     301.    1211.    1096.     201.    2369.     330.      74.   575.05
     1.44     0.30     1.50     0.51    0.060    0.040    0.060    0.040   574.95    71.88
 0.000080      14.      14.      14.        0        0        6     0.00  1485.83  1557.71

FLOW DISTRIBUTION FOR SECNO=   3403.00          CWSEL=    584.57

STA=      72.     510.     785.     791.     812.     815.     825.    1110.    1558.
  PER Q=      8.0      9.0      0.8     16.4      0.8      1.9     42.5     20.6
   AREA=    564.5    499.7     31.8    201.1     23.3     52.9   1290.2   1002.2
    VEL=      0.3      0.3      0.5      1.5      0.7      0.7      0.6      0.4

CCHV=   0.100 CEHV=   0.300
*SECNO 3443.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELR	EG	HV	HL	BLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

BASED ON FIELD NOTES & QUAD MAP

3443.00	12.08	584.58	0.00	0.00	584.58	0.00	0.00	0.00	573.00
1820.	808.	439.	573.	4193.	709.	3252.	335.	76.	573.00
1.48	0.19	0.62	0.18	0.080	0.035	0.080	0.040	572.50	12.88
0.000008	40.	40.	40.	0	0	0	0.00	1359.23	1372.10

FLOW DISTRIBUTION FOR SECNO= 3443.00 CWSEL= 584.58

STA=	13.	150.	404.	494.	664.	670.	730.	735.	814.	924.	1064.	1075.	1372.
PER Q=	1.6	16.4	8.9	16.8	0.7	24.1	0.5	6.3	8.9	11.7	0.6	3.4	

AREA=	313.4	1643.6	753.4	1423.0	59.8	709.2	47.4	582.3	816.3	1059.9	67.3	679.0
VEL=	0.1	0.2	0.2	0.2	0.2	0.6	0.2	0.2	0.2	0.2	0.2	0.1

*SECNO 3483.000

ABANDONED ABUTMENT BY PENN CENTRAL R.R.

3483.00	12.07	584.57	0.00	0.00	584.58	0.02	0.00	0.01	573.00
1820.	712.	420.	688.	1838.	189.	1795.	340.	77.	573.00
1.49	0.39	2.22	0.38	0.080	0.035	0.080	0.040	572.50	12.84
0.000102	40.	40.	40.	1	0	0	0.00	1270.04	1282.88

FLOW DISTRIBUTION FOR SECNO= 3483.00 CWSEL= 584.57

STA=	13.	150.	310.	640.	642.	658.	660.	690.	770.	880.	940.	1100.	1283.
PER Q=	5.6	14.7	18.6	0.2	23.1	0.2	1.3	4.0	7.2	3.6	14.1	7.5	
AREA=	313.6	595.5	914.8	14.2	189.2	14.2	72.7	205.8	332.4	172.3	579.5	418.1	
VEL=	0.3	0.5	0.4	0.3	2.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	

*SECNO 3521.000

SECTION SAME AS 12739

3521.00	12.54	584.56	0.00	0.00	584.59	0.03	0.00	0.00	574.72
1820.	796.	542.	482.	1743.	213.	1206.	343.	78.	572.02
1.50	0.46	2.55	0.40	0.080	0.035	0.080	0.040	572.02	8.65
0.000137	38.	38.	38.	0	0	0	0.00	1148.39	1157.05

FLOW DISTRIBUTION FOR SECNO= 3521.00 CWSEL= 584.56

STA=	9.	100.	266.	406.	551.	591.	609.	669.	724.	869.	1157.
PER Q=	4.3	17.6	9.7	9.5	2.6	29.8	4.3	5.2	10.5	6.4	
AREA=	208.6	615.4	402.1	402.0	115.1	212.8	183.2	191.0	427.4	404.0	
VEL=	0.4	0.5	0.4	0.4	0.4	2.5	0.4	0.5	0.4	0.3	

*SECNO 4266.000

SECTION SAME AS 11994

4266.00	12.37	584.64	0.00	0.00	584.65	0.01	0.06	0.00	575.52
1820.	1181.	339.	299.	2330.	240.	990.	401.	94.	574.87
1.82	0.51	1.41	0.30	0.080	0.035	0.080	0.039	572.27	8.75
0.000048	745.	745.	745.	0	0	0	0.00	755.45	764.20

FLOW DISTRIBUTION FOR SECNO= 4266.00 CWSEL= 584.64

STA=	9.	125.	178.	308.	323.	338.	362.	364.	386.	418.	478.	515.	580.
STA=	764.												
PER Q=	3.3	10.2	39.3	3.9	3.2	4.5	0.4	18.6	3.3	5.4	3.1	3.6	
PER Q=	1.1												
AREA=	270.3	385.1	1238.9	130.2	116.7	172.8	16.5	240.2	164.8	275.1	162.7	221.9	
AREA=	165.8												
VEL=	0.2	0.5	0.6	0.5	0.5	0.5	0.4	1.4	0.4	0.4	0.3	0.3	

VEL= 0.1

CCHV= 0.100 CEHV= 0.300

*SECNO 4617.000

3265 DIVIDED FLOW

STOPPED AT HOUSE LINE BASED ON FIELD NOTES & QUAD MAP

4617.00	12.18	584.64	0.00	0.00	584.68	0.04	0.02	0.01	572.50
1820.	463.	1144.	213.	1038.	608.	419.	424.	99.	572.50
1.90	0.45	1.88	0.51	0.080	0.035	0.080	0.039	572.46	9.09
0.000070	351.	351.	351.	2	0	0	0.00	372.73	415.93

FLOW DISTRIBUTION FOR SECNO= 4617.00 CWSEL= 584.64

STA=	9.	120.	160.	240.	250.	260.	310.	320.	330.	331.	366.	415.	416.
PER Q=	3.5	4.2	12.2	2.1	3.5	62.8	3.3	2.0	0.0	0.0	6.4	0.0	
AREA=	240.9	179.8	451.5	68.9	96.4	608.2	93.9	65.4	3.1	2.7	252.1	2.2	
VEL=	0.3	0.4	0.5	0.6	0.7	1.9	0.6	0.5	0.1	0.1	0.5	0.1	

MCP-Q, ANCHOR BUSINESS FORMS, INC. PAT NO 3,016,308 3,279,877

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**********************************************************
    HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
    ERROR CORR -  01
    MODIFICATION -  50,51,52
**********************************************************

T1  CITY OF TRENTON FIS HUD 2011-07  FRANK & POET FROM KING ROAD TO VREELAND RD
T2 AT U/S LIMIT 10YR=1220 50=1660 100 YR=1800 500 YR=2200 WATER  ELEV FROM FIS
T3       FRANK & POET -TRENTON                    GIBRALTAR AT VREELAND

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
          0.         5.         0.         0.  0.000000       0.00       0.0         0.     582.820      0.000

J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE
     15.000      0.000     -1.000      0.000      0.000      0.000      0.000      0.000      0.000     15.000
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*PROF 2

CCHV=   0.100 CEHV=   0.300
*SECNO ****
 2800 NAT Q1=   7064.42  WSEL=    582.72  ENC Q1=   7064.42  WSEL=    582.82  RATIO=  0.0000
 NAT Q1=   7222.  RATIOS LOB,CH,ROB=  0.4381  0.0810  0.4809  WSEL=    582.82
3280 CROSS SECTION      0.00 EXTENDED      3.82 FEET

   SECNO    DEPTH    CWSEL    CRIWS    WSELK    EG       HV       HL       OLOSS   BANK ELEV
   Q        QLOB     QCH      QROB     ALOB     ACH      AROB     VOL      TWA     LEFT/RIGHT
   TIME     VLOB     VCH      VROB     XNL      XNCH     XNR      WTN      ELMIN      SSTA
   SLOPE    XLOBL    XLCH     XLOBR    ITRIAL   IDC      ICONT    CORAR    TOPWID     ENDST

3470 ENCROACHMENT STATIONS=      68.6     999.8  TYPE=     4  TARGET=       0.022

        X-SECT.D/S OF VREELAND RD.FROM GIBRALTAR FIS

     0.00    13.52   582.82     0.00   582.72   582.82     0.00     0.00     0.00   573.60
    1105.     483.      91.     531.    3020.     284.    3689.       0.       0.   573.70
     0.00     0.16     0.32     0.14    0.060    0.035    0.060    0.000   569.30    68.57
 0.000002       0.       0.       0.        0        0        0     0.00   931.23   999.80

FLOW DISTRIBUTION FOR SECNO=      0.00          CWSEL=    582.82

STA=      69.      80.     100.     130.     410.     435.     460.     475.     630.     825.     910.    1000.
  PER Q=      0.3      1.1      2.8     35.9      3.5      8.3      2.1     19.7     18.4      4.7      3.2
   AREA=     42.4    104.4    216.6   2427.6    229.3    283.8    136.1   1336.1   1407.9    443.7    365.5
    VEL=      0.1      0.1      0.1      0.2      0.2      0.3      0.2      0.2      0.1      0.1      0.1

CCHV=   0.300 CEHV=   0.500
*SECNO 200.000
 2800 NAT Q1=   5449.57  WSEL=    582.72  ENC Q1=   5449.57  WSEL=    582.82  RATIO=  0.0000
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NAT Q1= 5585. RATIOS LOB/CH/ROB= [illegible] WSEL= [illegible]

3470 ENCROACHMENT STATIONS= 148.0 951.6 TYPE= 4 TARGET= 0.024

D/S FACE OF VREELAND RD. BASED ON FIELD NOTES & QUAD MAP

200.00	12.82	582.82	0.00	582.72	582.82	0.00	0.00	0.00	570.10
1105.	421.	252.	432.	2390.	536.	2498.	5.	1.	570.10
0.04	0.18	0.47	0.17	0.060	0.035	0.060	0.034	570.00	147.96
0.000004	33.	33.	33.	0	0	0	0.00	803.59	951.55

FLOW DISTRIBUTION FOR SECNO= 200.00 CWSEL= 582.82

STA=	148.	325.	475.	504.	510.	552.	558.	725.	952.
PER Q=	15.5	18.4	3.2	1.1	22.8	1.1	22.2	15.8	
AREA=	1051.9	1083.0	194.9	60.4	536.3	62.2	1264.2	1171.7	
VEL=	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.1	

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.93	3.00	0.00	21.50	8.54	118.25	0.00	570.10	570.10

*SECNO 241.000
2800 NAT Q1= 4211.79 WSEL= 582.74 ENC Q1= 4211.79 WSEL= 582.84 RATIO= 0.0000
NAT Q1= 4350. RATIOS LOB/CH/ROB= 0.4815 0.1626 0.3559 WSEL= 582.64
WATER EL=CHANGE FROM NATURAL PROFILES BRIDGE

3470 ENCROACHMENT STATIONS= 186.2 1294.5 TYPE= 4 TARGET= 0.032

U/S FACE OF VREELAND RD. BASED ON FIELD NOTES & QUAD MAP

241.00	12.74	582.84	0.00	582.74	582.84	0.00	0.00	0.00	570.11
1105.	531.	186.	388.	3035.	306.	1883.	10.	2.	570.11
0.08	0.18	0.61	0.21	0.060	0.035	0.060	0.034	570.10	186.16
0.000007	41.	41.	41.	0	0	6	0.00	1108.33	1294.49

FLOW DISTRIBUTION FOR SECNO= 241.00 CWSEL= 582.84

STA=	186.	722.	899.	904.	908.	932.	941.	946.	1032.	1132.	1294.
PER Q=	26.0	20.2	1.0	1.0	16.8	2.7	1.0	13.9	9.9	7.7	
AREA=	1903.2	1048.1	41.1	43.1	305.6	97.4	41.7	627.9	545.1	570.5	
VEL=	0.2	0.2	0.3	0.3	0.6	0.3	0.3	0.2	0.2	0.1	

CCHV= 0.100 CEHV= 0.300
*SECNO 291.000
2800 NAT Q1= 2516.77 WSEL= 582.73 ENC Q1= 2516.77 WSEL= 582.83 RATIO= 0.0000
NAT Q1= 2591. RATIOS LOB/CH/ROB= 0.4034 0.2387 0.3579 WSEL= 582.83

3470 ENCROACHMENT STATIONS= 190.4 1298.8 TYPE= 4 TARGET= 0.029

BASED ON FIELD NOTES & QUAD MAP

[illegible]

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291.00	12.75	582.83	0.00	582.75	582.84	0.01	0.09	0.00	570.11
1840.	737.	452.	651.	3024.	306.	1896.	16.	3.	570.11
0.11	0.24	1.48	0.34	0.120	0.040	0.100	0.036	570.10	190.43
0.000053	50.	50.	50.	0	0	0	0.00	1108.40	1298.82

FLOW DISTRIBUTION FOR SECNO= 291.00 CWSEL= 582.83

STA=	190.	722.	899.	904.	908.	932.	941.	946.	1032.	1132.	1299.
PER Q=	21.6	16.9	0.8	0.8	24.6	2.7	1.0	13.9	10.0	7.8	
AREA=	1891.7	1048.3	41.1	43.1	305.6	97.4	41.7	628.0	545.3	583.5	
VEL=	0.2	0.3	0.4	0.4	1.5	0.5	0.4	0.4	0.3	0.2	

*SECNO 1939.000
2800 NAT Q1= 2003.56 WSEL= 582.84 ENC Q1= 2003.56 WSEL= 582.94 RATIO= 0.0000
NAT Q1= 2057. RATIOS LOB,CH,ROB= 0.4014 0.2597 0.3389 WSEL= 582.94

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA

SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 256.7 850.5 TYPE= 4 TARGET= 0.026

SECTION SAME AS 14321 FIELD BOOK 955

1939.00	11.67	582.94	0.00	582.84	582.95	0.01	0.11	0.00	571.30
1840.	733.	490.	617.	2010.	280.	1329.	183.	35.	571.30
0.70	0.36	1.75	0.46	0.120	0.040	0.100	0.040	571.27	256.74
0.000084	1648.	1648.	1648.	0	0	0	0.00	593.72	850.46

FLOW DISTRIBUTION FOR SECNO= 1939.00 CWSEL= 582.94

STA=	257.	415.	515.	595.	613.	637.	702.	759.	837.	850.
PER Q=	12.2	14.1	11.0	2.6	26.6	13.0	10.0	9.7	0.9	
AREA=	716.6	654.7	513.8	125.1	279.8	474.9	381.2	422.9	50.2	
VEL=	0.3	0.4	0.4	0.4	1.8	0.5	0.5	0.4	0.3	

*SECNO 2659.000
2800 NAT Q1= 1978.52 WSEL= 582.91 ENC Q1= 1978.52 WSEL= 583.01 RATIO= 0.0000
NAT Q1= 2042. RATIOS LOB,CH,ROB= 0.4201 0.1736 0.4063 WSEL= 583.01

3470 ENCROACHMENT STATIONS= 401.8 1142.3 TYPE= 4 TARGET= 0.031

SECTION SAME AS 13601

2659.00	9.59	583.01	0.00	582.91	583.01	0.01	0.06	0.00	574.07
1840.	767.	330.	743.	2251.	219.	1527.	246.	46.	574.62
1.03	0.34	1.51	0.49	0.120	0.040	0.100	0.040	573.42	401.85
0.000087	720.	720.	720.	0	0	0	0.00	740.47	1142.32

FLOW DISTRIBUTION FOR SECNO= 2659.00 CWSEL= 583.01

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STA=      402.      670.      720.      843.      883.      888.      912.      1042.      1142.      1142.
  PER Q=      12.3       4.2      19.3       4.9       0.9      17.9      23.8      13.2       3.4
   AREA=     901.2     222.7     848.5     239.1      39.3     218.7     882.2     483.1     161.5
    VEL=       0.3       0.4       0.4       0.4       0.4       1.5       0.5       0.5       0.4

*SECNO 3189.000
 2800 NAT Q1=    1978.36  WSEL=     582.95  ENC Q1=    1978.36  WSEL=     583.05  RATIO=  0.0000
 NAT Q1=    2034.  RATIOS LOB,CH,ROB=  0.5511  0.1952  0.2537  WSEL=     583.05

3470 ENCROACHMENT STATIONS=      291.3      944.5  TYPE=      4  TARGET=        0.027

                                  BASED ON FIELD NOTES & QUAD MAP

  3189.00      9.55    583.05      0.00    582.95    583.06      0.01      0.05      0.00    574.00
    1840.     1017.      369.      454.     2506.      242.     1120.      294.       55.    574.00
     1.26      0.41      1.53      0.41     0.120     0.040     0.100     0.040    573.50    291.29
 0.000087      530.      530.      530.         0         0         0      0.00    653.22    944.51

FLOW DISTRIBUTION FOR SECNO=    3189.00          CWSEL=     583.05

STA=      291.      325.      490.      650.      683.      688.      714.      719.      810.      945.
  PER Q=       1.1      17.4      30.1       5.7       1.0      20.1       1.2      13.7       9.8
   AREA=      94.1     899.2    1232.0     240.9      40.2     241.8      40.2     550.5     529.3
    VEL=       0.2       0.4       0.4       0.4       0.4       1.5       0.5       0.5       0.3

CCHV=    0.300 CEHV=    0.500
*SECNO 3389.000
 2800 NAT Q1=    3431.88  WSEL=     582.97  ENC Q1=    3431.88  WSEL=     583.07  RATIO=  0.0000
 NAT Q1=    3572.  RATIOS LOB,CH,ROB=  0.6567  0.0877  0.2555  WSEL=     583.07

3470 ENCROACHMENT STATIONS=      201.4     1496.4  TYPE=      4  TARGET=        0.039

        D/S FACE PENN CENTRAL

  3389.00      8.12    583.07      0.00    582.97    583.07      0.00      0.01      0.00    575.05
    1840.     1221.      168.      451.     2916.      210.     1838.      312.       59.    575.05
     1.38      0.42      0.80      0.25     0.060     0.040     0.060     0.040    574.95    201.40
 0.000029      160.      200.      200.         0         0         0      0.00   1295.01   1496.41

FLOW DISTRIBUTION FOR SECNO=    3389.00          CWSEL=     583.07

STA=      201.      491.      611.      733.      738.      764.      769.      991.     1496.
  PER Q=      25.2      19.5      20.8       0.9       9.1       0.4       6.1      18.0
   AREA=    1293.9     775.3     811.4      35.6     209.6      25.8     494.2    1318.1
    VEL=       0.4       0.5       0.5       0.5       0.8       0.3       0.2       0.3

SPECIAL BRIDGE

SB  XK        XKOR       COFQ       RDLEN      BWC        BWP        EAREA      SS         ELCNU      ELCHD
     0.00      1.65       3.00    1600.00      17.00       0.00      93.50       0.00     574.95     574.95

*SECNO 3403.000
 2800 NAT Q1=    2059.17  WSEL=     584.57  ENC Q1=    2059.17  WSEL=     584.67  RATIO=  0.0000
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 NAT Q1=   2152.  RATIOS LOB/CH/ROB=  0.1855  0.1577  0.6555  WSEL=   584.67
 WATER EL=CHANGE FROM NATURAL PROFILES BRIDGE

3470 ENCROACHMENT STATIONS=      362.5     1306.4  TYPE=      4  TARGET=        0.043

        U/S FACE PENN CENTRAL

  3403.00      9.72    584.67      0.00    584.57    584.68      0.01      0.00      0.00    575.05
    1840.      317.      305.     1218.      887.      203.     2098.      313.       59.    575.05
     1.39      0.36      1.50      0.58     0.060     0.040     0.060     0.040    574.95    362.47
 0.000079       14.       14.       14.         0         0         6      0.00    943.96   1306.43

FLOW DISTRIBUTION FOR SECNO=   3403.00          CWSEL=     584.67

STA=      362.      510.      785.      791.      812.      815.      825.     1110.     1306.
  PER Q=      6.7       9.7       0.8      16.6       0.8       2.0      43.8      19.6
   AREA=    329.6     524.8      32.3     203.0      23.6      53.8    1316.2     704.4
    VEL=      0.4       0.3       0.5       1.5       0.7       0.7       0.6       0.5

CCHV=   0.100 CEHV=   0.300
*SECNO 3443.000
 2800 NAT Q1=   6476.12  WSEL=    584.58  ENC Q1=   6476.12  WSEL=    584.68  RATIO=  0.0000
 NAT Q1=   6628.  RATIOS LOB/CH/ROB=  0.4446  0.2393  0.3161  WSEL=    584.68
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN      SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID     ENDST

3470 ENCROACHMENT STATIONS=      134.5     1162.1  TYPE=      4  TARGET=        0.023

                                  BASED ON FIELD NOTES & QUAD MAP

  3443.00     12.18    584.68      0.00    584.58    584.68      0.00      0.00      0.00    573.00
    1820.      806.      446.      568.     4000.      715.     2956.      318.       60.    573.00
     1.43      0.20      0.62      0.19     0.080     0.035     0.080     0.040    572.50    134.52
 0.000008       40.       40.       40.         0         0         0      0.00   1027.58   1162.10

FLOW DISTRIBUTION FOR SECNO=   3443.00          CWSEL=     584.68

STA=      135.      150.      404.      494.      664.      670.      730.      735.      814.      924.     1064.     1075.     1162.
  PER Q=      0.5      16.8       9.1      17.2       0.7      24.5       0.5       6.5       9.1      12.0       0.6       2.5
   AREA=     68.3    1668.8     762.3    1439.9      60.4     715.2      47.8     590.1     827.2    1073.8      68.4     348.4
    VEL=      0.1       0.2       0.2       0.2       0.2       0.6       0.2       0.2       0.2       0.2       0.2       0.1

*SECNO 3483.000
 2800 NAT Q1=   1803.88  WSEL=    584.57  ENC Q1=   1803.88  WSEL=    584.67  RATIO=  0.0000
 NAT Q1=   1880.  RATIOS LOB/CH/ROB=  0.3944  0.2243  0.3813  WSEL=    584.67

3470 ENCROACHMENT STATIONS=      111.5     1160.4  TYPE=      4  TARGET=        0.040

        ABANDONED ABUTMENT BY PENN CENTRAL R.R.
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1820.	710.	424.	686.	1729.	191.	1658.	323.	61.	573.00
1.44	0.41	2.22	0.41	0.080	0.035	0.080	0.040	572.50	111.50
0.000101	40.	40.	40.	1	0	0	0.00	1048.91	1160.41

FLOW DISTRIBUTION FOR SECNO= 3483.00 CWSEL= 584.67

STA=	112.	150.	310.	640.	642.	658.	660.	690.	770.	880.	940.	1100.	1160.
PER Q=	3.8	15.3	19.7	0.2	23.3	0.2	1.4	4.2	7.5	3.8	14.7	5.8	
AREA=	155.2	611.6	947.9	14.4	190.8	14.4	75.7	213.8	343.5	178.3	595.6	236.6	
VEL=	0.4	0.5	0.4	0.3	2.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	

*SECNO 3521.000
2800 NAT Q1= 1553.08 WSEL= 584.56 ENC Q1= 1553.08 WSEL= 584.66 RATIO= 0.0000
NAT Q1= 1619. RATIOS LOB,CH,ROB= 0.4410 0.2896 0.2693 WSEL= 584.66

3470 ENCROACHMENT STATIONS= 79.1 968.6 TYPE= 4 TARGET= 0.040

SECTION SAME AS 12739

3521.00	12.64	584.66	0.00	584.56	584.69	0.03	0.00	0.00	574.72
1820.	798.	548.	474.	1672.	215.	1063.	326.	62.	572.02
1.45	0.48	2.55	0.45	0.080	0.035	0.080	0.040	572.02	79.10
0.000136	38.	38.	38.	0	0	0	0.00	889.51	968.61

FLOW DISTRIBUTION FOR SECNO= 3521.00 CWSEL= 584.66

STA=	79.	266.	406.	551.	591.	609.	669.	724.	869.	969.
PER Q=	20.8	10.3	10.0	2.7	30.1	4.6	5.5	11.1	4.9	
AREA=	719.1	416.5	416.8	119.2	214.6	189.3	196.6	442.2	235.4	
VEL=	0.5	0.4	0.4	0.4	2.6	0.4	0.5	0.5	0.4	

*SECNO 4266.000
2800 NAT Q1= 2630.21 WSEL= 584.64 ENC Q1= 2630.21 WSEL= 584.74 RATIO= 0.0000
NAT Q1= 2690. RATIOS LOB,CH,ROB= 0.6472 0.1850 0.1679 WSEL= 584.74

3470 ENCROACHMENT STATIONS= 89.8 586.3 TYPE= 4 TARGET= 0.022

SECTION SAME AS 11994

4266.00	12.47	584.74	0.00	584.64	584.75	0.01	0.06	0.00	575.52
1820.	1184.	344.	291.	2223.	242.	853.	379.	73.	574.87
1.76	0.53	1.42	0.34	0.080	0.035	0.080	0.039	572.27	89.77
0.000048	745.	745.	745.	1	0	0	0.00	496.56	586.33

FLOW DISTRIBUTION FOR SECNO= 4266.00 CWSEL= 584.74

STA=	90.	178.	308.	323.	338.	362.	364.	386.	418.	478.	515.	580.	586.
PER Q=	12.8	40.0	3.9	3.3	4.6	0.4	18.9	3.4	5.5	3.2	3.8	0.1	
AREA=	531.6	1250.1	131.5	118.0	174.9	16.6	242.1	167.5	280.3	165.9	227.5	11.7	
VEL=	0.4	0.6	0.5	0.5	0.5	0.4	1.4	0.4	0.4	0.4	0.3	3.2	

CCHV= 0.100 CEHV= 0.300

MCP O MOORE BUSINESS FORMS, INC. 2/ PAT NO 3,016,306; 3,429,827

*SECNO 4617.000
2800 NAT Q1= 2173.43 WSEL= 584.64 ENC Q1= 2173.43 WSEL= 584.74 RATIO= 0.0000
NAT Q1= 2218. RATIOS LOB,CH,ROB= 0.2579 0.6244 0.1177 WSEL= 584.74

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 83.4 410.1 TYPE= 4 TARGET= 0.020

STOPPED AT HOUSE LINE BASED ON FIELD NOTES & QUAD MAP

4617.00	12.28	584.74	0.00	584.64	584.78	0.04	0.02	0.01	572.50
1820.	460.	1159.	201.	947.	613.	401.	401.	77.	572.50
1.83	0.49	1.89	0.50	0.080	0.035	0.080	0.039	572.46	83.44
0.000070	351.	351.	351.	2	0	0	0.00	292.59	410.11

FLOW DISTRIBUTION FOR SECNO= 4617.00 CWSEL= 584.74

STA=	83.	120.	160.	240.	250.	260.	310.	320.	330.	331.	366.	410.
PER Q=	2.7	4.3	12.6	2.2	3.5	63.7	3.3	2.0	0.0	0.0	5.7	
AREA=	136.3	183.8	459.5	69.9	97.4	613.2	94.9	66.4	3.1	2.7	233.5	
VEL=	0.4	0.4	0.5	0.6	0.7	1.9	0.6	0.5	0.1	0.1	0.4	

AMCP 09 MOORE BUSINESS FORMS INC 27 PAT NO 3,016,306 1-29-827

MCP 0 MOORE BUSINESS FORMS, INC. 27 PAT NO 3,016,308, 3,429,877

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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FRANK & POET -TRENTON

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	582.72	0.00	582.72	1030.00	484.49	90.14	530.37	0.00	0.00	435.00	460.00	0.00
0.000	582.82	0.10	582.82	931.23	482.52	91.47	531.01	0.02	68.57	435.00	460.00	999.80
200.000	582.72	0.00	582.72	986.00	422.77	248.99	433.23	0.00	0.00	510.00	552.00	0.00
200.000	582.82	0.10	582.82	803.59	420.80	252.34	431.86	0.02	147.96	510.00	552.00	951.55
241.000	582.74	0.00	582.74	1321.60	528.34	183.20	393.46	0.00	0.00	908.00	932.00	0.00
241.000	582.84	0.10	582.84	1108.33	531.30	185.58	388.12	0.03	186.16	908.00	932.00	1294.49
291.000	582.73	0.00	582.74	1321.52	735.78	446.62	657.60	0.00	0.00	908.00	932.00	0.00
291.000	582.83	0.10	582.84	1108.40	737.24	451.82	650.94	0.03	190.43	908.00	932.00	1298.82
1939.000	582.84	0.00	582.85	816.20	734.67	483.45	621.88	0.00	0.00	613.00	637.00	0.00
1939.000	582.94	0.10	582.95	593.72	733.23	489.86	616.91	0.03	256.74	613.00	637.00	850.46
2659.000	582.91	0.00	582.91	920.59	767.61	323.07	749.32	0.00	0.00	888.00	912.00	0.00
2659.000	583.01	0.10	583.01	740.47	767.50	329.70	742.80	0.03	401.85	888.00	912.00	1142.32

3189.000	582.95	0.00	582.96	860.36	1014.20	362.78	463.02	0.00	0.00	688.00	714.00	0.00
3189.000	583.05	0.10	583.06	653.22	1016.80	369.39	453.81	0.03	291.29	688.00	714.00	944.51
3389.000	582.97	0.00	582.97	1537.38	1218.51	164.60	456.89	0.00	0.00	738.00	764.00	0.00
3389.000	583.07	0.10	583.07	1295.01	1220.79	168.24	450.96	0.04	201.40	738.00	764.00	1496.41
3403.000	584.57	0.00	584.58	1485.83	327.43	301.10	1211.46	0.00	0.00	791.00	812.00	0.00
3403.000	584.67	0.10	584.68	943.96	316.69	305.05	1218.26	0.04	362.47	791.00	812.00	1306.44
3443.000	584.58	0.00	584.58	1359.23	808.04	439.14	572.83	0.00	0.00	670.00	730.00	0.00
3443.000	584.68	0.10	584.68	1027.58	806.02	445.86	568.12	0.02	134.52	670.00	730.00	1162.10
3483.000	584.57	0.00	584.58	1270.04	711.91	419.98	688.11	0.00	0.00	642.00	658.00	0.00
3483.000	584.67	0.10	584.69	1048.91	709.85	424.37	685.78	0.04	111.50	642.00	658.00	1160.41
3521.000	584.56	0.00	584.59	1148.39	796.32	542.13	481.54	0.00	0.00	591.00	609.00	0.00
3521.000	584.66	0.10	584.69	889.51	797.74	548.06	474.19	0.04	79.10	591.00	609.00	968.61
4266.000	584.64	0.00	584.65	755.45	1181.15	339.39	299.46	0.00	0.00	364.00	386.00	0.00
4266.000	584.74	0.10	584.75	496.56	1184.22	344.44	291.35	0.02	89.77	364.00	386.00	586.33

MOORE BUSINESS FORMS, INC 77 PAT NO 3,016,308 3,479,827

ACP 69 MOORE BUSINESS FORMS INC 77 PAT NO 3,016,308, 3,479,827

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4617.000	584.64	0.00	584.68	372.73	463.47	1143.79	212.74	0.00	0.00	260.00	310.00	0.00
4617.000	584.74	0.10	584.78	292.59	460.32	1159.12	200.56	0.02	83.44	260.00	310.00	410.11

FRANK & POET -TRENTON

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	1DK*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	569.30	1105.00	582.72	0.00	582.72	0.02	0.32	7176.27	7064.42
0.000	0.00	0.00	0.00	569.30	1105.00	582.62	0.00	582.82	0.02	0.32	6993.22	7065.51
200.000	33.00	0.00	0.00	570.00	1105.00	582.72	0.00	582.72	0.04	0.47	5667.50	5449.57
200.000	33.00	0.00	0.00	570.00	1105.00	582.82	0.00	582.82	0.04	0.47	5424.65	5448.31
241.000	41.00	577.94	575.60	570.10	1105.00	582.74	0.00	582.74	0.07	0.60	5453.75	4211.79
241.000	41.00	999999.00	0.00	570.10	1105.00	582.64	0.00	582.84	0.07	0.61	5223.69	4212.08
291.000	50.00	0.00	0.00	570.10	1840.00	582.73	0.00	582.74	0.53	1.47	5452.14	2516.77
291.000	50.00	0.00	0.00	570.10	1840.00	582.83	0.00	582.84	0.53	1.48	5225.75	2521.15
1939.000	1648.00	0.00	0.00	571.27	1840.00	582.84	0.00	582.85	0.84	1.74	3849.37	2003.56
1939.000	1648.00	0.00	0.00	571.27	1840.00	582.94	0.00	582.95	0.84	1.75	3619.14	2007.19
2659.000	720.00	0.00	0.00	573.42	1840.00	582.91	0.00	582.91	0.86	1.49	4200.00	1978.52
2659.000	720.00	0.00	0.00	573.42	1840.00	583.01	0.00	583.01	0.87	1.51	3996.23	1974.62
3189.000	530.00	0.00	0.00	573.50	1840.00	582.95	0.00	582.96	0.87	1.52	4101.40	1978.36
3189.000	530.00	0.00	0.00	573.50	1840.00	583.05	0.00	583.06	0.87	1.53	3868.32	1977.89
3389.000	200.00	0.00	0.00	574.95	1840.00	582.97	0.00	582.97	0.29	0.79	5209.44	3431.88
3389.000	200.00	0.00	0.00	574.95	1840.00	583.07	0.00	583.07	0.29	0.80	4963.83	3423.64
3403.000	14.00	584.20	580.45	574.95	1840.00	584.57	0.00	584.58	0.80	1.50	3665.80	2059.17
3403.000	14.00	999999.00	0.00	574.95	1840.00	584.67	0.00	584.68	0.79	1.50	3187.69	2064.87
3443.000	40.00	0.00	0.00	572.50	1820.00	584.58	0.00	584.58	0.08	0.62	8154.64	6476.12
3443.000	40.00	0.00	0.00	572.50	1820.00	584.68	0.00	584.68	0.08	0.62	7670.65	6467.66

MCP © MOORE BUSINESS FORMS, INC 27 PAT NO 3,016,338 3,429,877

3483.000	40.00	0.00	0.00	572.50	1820.00	584.57	0.00	584.58	1.02	2.22	3822.28	1803.88
3483.000	40.00	0.00	0.00	572.50	1820.00	584.67	0.00	584.69	1.01	2.22	3577.80	1810.54
3521.000	38.00	0.00	0.00	572.02	1820.00	584.56	0.00	584.59	1.37	2.55	3161.61	1553.08
3521.000	38.00	0.00	0.00	572.02	1820.00	584.66	0.00	584.69	1.36	2.55	2949.72	1558.50
4266.000	745.00	0.00	0.00	572.27	1820.00	584.64	0.00	584.65	0.48	1.41	3560.95	2630.21
4266.000	745.00	0.00	0.00	572.27	1820.00	584.74	0.00	584.75	0.48	1.42	3317.75	2625.77
4617.000	351.00	0.00	0.00	572.46	1820.00	584.64	0.00	584.68	0.70	1.88	2065.07	2173.43
4617.000	351.00	0.00	0.00	572.46	1820.00	584.74	0.00	584.78	0.70	1.89	1960.92	2174.11

FRANK & POET -TRENTON

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	1105.00	582.72	0.00	0.00	0.00	1030.00	0.00
0.000	1105.00	582.82	0.00	0.00	0.10	931.23	0.00
200.000	1105.00	582.72	0.00	-0.00	0.00	986.00	33.00
200.000	1105.00	582.82	0.00	-0.00	0.10	803.59	33.00
241.000	1105.00	582.74	0.00	0.02	0.00	1321.60	41.00
241.000	1105.00	582.84	0.00	0.02	0.10	1108.33	41.00
291.000	1840.00	582.73	0.00	-0.00	0.00	1321.52	50.00
291.000	1840.00	582.83	0.00	-0.00	0.10	1108.40	50.00
1939.000	1840.00	582.84	0.00	0.11	0.00	816.20	1648.00
1939.000	1840.00	582.94	0.00	0.10	0.10	593.72	1648.00
2659.000	1840.00	582.91	0.00	0.07	0.00	920.59	720.00
2659.000	1840.00	583.01	0.00	0.07	0.10	740.47	720.00
3189.000	1840.00	582.95	0.00	0.05	0.00	860.36	530.00
3189.000	1840.00	583.05	0.00	0.05	0.10	653.22	530.00
3389.000	1840.00	582.97	0.00	0.02	0.00	1537.38	200.00
3389.000	1840.00	583.07	0.00	0.02	0.10	1295.01	200.00
3403.000	1840.00	584.57	0.00	1.60	0.00	1485.83	14.00
3403.000	1840.00	584.67	0.00	1.60	0.10	943.96	14.00
3443.000	1820.00	584.58	0.00	0.01	0.00	1359.23	40.00
3443.000	1820.00	584.68	0.00	0.01	0.10	1027.56	40.00

ACP © MOORE BUSINESS FORMS, INC. 27 PAT NO 3,016,308 3,479,827

3483.000	1820.00	584.57	0.00	-0.01	0.00	1270.04	40.00
3483.000	1820.00	584.67	0.00	-0.01	0.10	1048.91	40.00
3521.000	1820.00	584.56	0.00	-0.00	0.00	1148.39	38.00
3521.000	1820.00	584.66	0.00	-0.00	0.10	889.51	38.00
4266.000	1820.00	584.64	0.00	0.08	0.00	755.45	745.00
4266.000	1820.00	584.74	0.00	0.08	0.10	496.56	745.00
4617.000	1820.00	584.64	0.00	0.00	0.00	372.73	351.00
4617.000	1820.00	584.74	0.00	0.00	0.10	292.59	351.00

SUMMARY OF ERRORS

FLOODWAY DATA, FRANK & POET -TRENTON
PROFILE NO. 2

STATION	FLOODWAY WIDTH (FT)	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.000	931.	6993.	0.2	582.8	582.7	0.1
200.000	804.	5425.	0.2	582.8	582.7	0.1
241.000	1108.	5224.	0.2	582.8	582.7	0.1
291.000	1108.	5226.	0.4	582.8	582.7	0.1
1939.000	594.	3619.	0.5	582.9	582.8	0.1
2659.000	740.	3996.	0.5	583.0	582.9	0.1
3189.000	653.	3868.	0.5	583.1	583.0	0.1
3389.000	1295.	4964.	0.4	583.1	583.0	0.1
3403.000	944.	3188.	0.6	584.7	584.6	0.1
3443.000	1028.	7671.	0.2	584.7	584.6	0.1
3483.000	1049.	3578.	0.5	584.7	584.6	0.1
3521.000	890.	2950.	0.6	584.7	584.6	0.1
4266.000	497.	3318.	0.5	584.7	584.6	0.1
4617.000	293.	1961.	0.9	584.7	584.6	0.1

RECEIVED
MAY 13 1980
WATER MANAGEMENT

TRENTON FLOOD INSURANCE STUDY
FINAL 100YR NATURAL +
~~LIKE ATTACHMENT RUN~~
FRANK + POET DRAIN

EXHIBIT #3
HUD 2011-01

5-13-80

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**************************************************
   HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
   ERROR CORR -  01
   MODIFICATION -  50,51,52
**************************************************

C
TICITY OF TRENTON FLOOK INSURANCE STUDY          4/29/80
T2FLOODWAY REANALYSIS BASED ON SUBDIVISION PLANS,ADDT:L FIELD SURVEY"INSPECTIONS
T3       FRANK AND POET DRAIN                NATURAL RUN

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ
          0.       4.         0.         0.  0.000000       0.00       0.0        0.     584.640      0.000

J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE
      1.000      0.000     -1.000      0.000      0.000      0.000      0.000      0.000      0.000     15.000

J3  VARIABLE CODES FOR SUMMARY PRINTOUT
    150.000    200.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000

QT      5.000   1240.000   1680.000   1820.000   1820.000   2230.000      0.000      0.000      0.000      0.000
NC      0.080      0.080      0.035      0.100      0.300      0.000      0.000      0.000      0.000      0.000
ET      0.000      0.000      0.000      0.000      1.410      0.000      0.000      0.000      0.000      0.000

        STOPPED AT HOUSE LINE          BASED ON FIELD NOTES & QUAD MAP

X1   4617.000     15.000    260.000    310.000    351.000    351.000    351.000      0.000      0.000      0.000
GR    565.000      0.000    580.300    120.000    580.000    160.000    578.300    240.000    577.500    250.000
GR    572.500    260.000    572.460    285.000    572.500    310.000    578.000    320.000    578.200    330.000
GR    585.000    331.000    585.000    365.000    579.000    366.000    580.000    415.000    585.000    416.000
NC      0.060      0.060      0.035      0.300      0.500      0.000      0.000      0.000      0.000      0.000

        D/S FACE OF FORT ST. NB

X1   4797.000     12.000    348.000    409.000    120.000    180.000    260.000      0.000      0.000      0.000
GR    584.100     40.000    583.000    290.000    580.000    300.000    579.310    333.000    576.060    348.000
GR    572.460    379.000    576.160    409.000    578.660    419.000    580.000    427.000    582.000    548.000
GR    584.000    568.000    585.700    628.000      0.000      0.000      0.000      0.000      0.000      0.000
SB      0.000      1.760      3.000      0.000     51.000      0.000    377.400      0.000    572.460    572.460

        U/S FACE OF FORT ST. NB

X1   4848.000     12.000    341.000    388.000     51.000     51.000     51.000      0.000      0.000      0.000
X2      0.000      0.000      1.000    579.860    583.400      0.000      0.000      0.000      0.000      0.000
BT      8.000     40.000    584.100      0.000    300.000    583.400      0.000    340.000    583.630      0.000
BT    341.000    584.580    579.860    388.000    584.580    579.860    389.000    584.020      0.000    439.000
BT    584.440      0.000    629.000    585.640      0.000      0.000      0.000      0.000      0.000      0.000
GR    584.100     40.000    583.000    290.000    582.000    300.000    579.760    340.900    573.810    341.000
GR    572.460    359.000    572.960    388.000    580.020    308.100    582.000    425.000    584.000    435.000
GR    585.600    585.000    585.640    629.000      0.000      0.000      0.000      0.000      0.000      0.000

X1   4919.000      0.000      0.000      0.000     71.000     71.000     71.000      0.000      0.000      0.000
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D/S FACE OF FORT ST. SB

X1	4990.000	14.000	550.500	597.500	71.000	71.000	71.000	0.000	0.000	0.000
GR	584.100	50.000	583.000	140.000	580.000	300.000	582.000	350.000	583.300	460.000
GR	584.000	510.000	579.720	550.400	574.460	550.500	572.100	574.000	572.310	597.500
GR	579.710	597.600	584.000	610.000	586.000	630.000	586.000	770.000	0.000	0.000
SB	0.000	1.680	3.000	0.000	51.000	0.000	517.650	0.000	572.100	572.100

U/S FACE OF FORT ST. SB

X1	5041.000	11.000	521.000	568.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	582.250	582.970	0.000	0.000	0.000	0.000	0.000
BT	9.000	50.000	584.100	0.000	300.000	582.970	0.000	310.000	583.110	0.000
BT	380.000	584.090	0.000	520.000	585.830	0.000	521.000	586.970	582.250	568.000
BT	586.970	582.250	569.000	586.290	0.000	605.000	592.000	0.000	0.000	0.000
GR	584.100	50.000	583.000	300.000	580.000	505.000	586.710	520.000	575.160	521.000
GR	572.600	545.000	572.810	568.000	587.160	569.000	588.000	580.000	590.000	585.000
GR	592.000	605.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	5261.000	11.000	65.000	89.000	140.000	220.000	270.000	0.000	0.000	0.000
GR	583.500	50.000	583.500	300.000	582.000	350.000	560.000	355.000	578.900	360.000
GR	572.700	365.000	572.600	377.000	572.700	389.000	587.200	395.000	588.000	400.000
GR	590.000	405.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	5525.000	13.000	82.000	110.000	264.000	264.000	264.000	0.000	0.000	0.000
GR	583.200	0.000	580.000	75.000	578.700	77.000	572.300	82.000	572.270	95.000
GR	572.300	110.000	578.900	116.000	578.000	120.000	580.000	140.000	582.300	230.000
GR	583.000	330.000	583.500	360.000	590.000	360.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF VAN HORN RD.

X1	5649.000	0.000	0.000	0.000	124.000	124.000	124.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1.000	0.000	359.000	0.000	578.500	578.500	0.000
SB	0.000	1.660	3.000	0.000	18.000	0.000	112.680	0.000	571.610	571.610

U/S OF VAN HORN RD.

X1	5681.000	12.000	94.000	136.000	32.000	32.000	32.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	578.330	582.230	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1.000	0.000	385.000	0.000	582.230	582.230	0.000
BT	8.000	0.000	582.800	0.000	100.000	562.290	0.000	101.000	584.230	578.330
BT	119.000	584.230	578.330	120.000	582.230	0.000	256.000	582.270	0.000	356.000
BT	583.000	0.000	386.000	583.500	0.000	0.000	0.000	0.000	0.000	0.000
GR	582.800	0.000	582.000	5.000	580.000	35.000	578.910	82.000	575.760	94.000
GR	572.100	115.000	575.910	136.000	578.660	148.000	581.700	256.000	582.500	356.000
GR	583.500	386.000	590.000	386.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	5800.000	11.000	229.000	271.000	119.000	119.000	119.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	165.000	0.000	490.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	533.000	60.000	562.000	140.000	580.000	170.000	576.910	217.000
GR	575.760	229.000	572.100	250.000	575.910	271.000	578.660	283.000	580.000	450.000
GR	585.300	393.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.120	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

FORM 1411-LD PRINTED IN U.S.A. ROTARY MANIFOLD FORM

D/S 87 BY 136 CULVERT.

X1	5938.000	8.000	313.000	353.000	138.000	138.000	138.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	230.000	0.000	533.000	0.000	582.300	582.300	0.000
GR	586.000	0.000	585.000	50.000	580.700	300.000	571.940	313.000	571.940	353.000
GR	578.500	363.000	583.000	515.000	583.000	600.000	0.000	0.000	0.000	0.000
SB	1.250	1.500	3.000	0.000	21.320	3.000	132.800	0.000	572.050	571.940

U/S 87 BY 136 CULVERT

X1	6022.000	0.000	0.000	0.000	84.000	84.000	84.000	0.000	0.110	0.000
X2	0.000	0.000	1.000	579.330	582.300	0.000	1.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	230.000	0.000	533.000	0.000	582.300	582.300	0.000
BT	13.000	229.000	582.300	0.000	309.000	582.300	0.000	319.000	582.300	0.000
BT	319.340	582.300	579.190	328.500	582.300	579.190	328.600	582.300	0.000	331.400
BT	582.300	0.000	331.500	582.300	579.190	340.660	582.300	579.190	341.000	582.300
BT	0.000	390.000	583.100	0.000	425.000	582.770	0.000	534.000	583.000	0.000

X1	6100.000	17.000	238.000	272.000	78.000	78.000	78.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	160.000	0.000	412.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	581.400	55.000	581.100	125.000	582.000	170.000	582.200	177.000
GR	582.000	185.000	580.000	215.000	578.690	233.000	574.900	238.000	574.800	250.000
GR	574.900	272.000	580.290	277.000	578.100	315.000	578.500	385.000	578.800	465.000
GR	580.000	535.000	585.000	825.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF DT & R.R.

X1	6270.000	0.000	0.000	0.000	194.000	194.000	194.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	586.000	586.000	0.000
SB	1.250	1.590	3.000	0.000	28.700	1.500	326.000	0.920	0.000	0.000

U/S OF DT & I R.R.

X1	6282.000	13.000	257.000	287.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.200	587.700	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	587.690	587.690	0.000
GR	585.000	0.000	580.000	100.000	577.900	251.000	575.000	257.000	574.900	275.000
GR	575.000	287.000	576.790	296.000	578.000	301.000	580.000	305.000	562.000	313.000
GR	584.000	318.000	584.200	488.000	585.000	850.000	0.000	0.000	0.000	0.000

SECTION SAME AS 9332

X1	6332.000	14.000	263.000	293.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	253.000	0.000	343.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	582.000	73.000	580.000	163.000	580.000	233.000	578.000	243.000
GR	577.940	254.000	575.100	263.000	575.000	275.000	575.100	293.000	576.790	299.000
GR	578.000	321.000	578.200	421.000	580.000	523.000	582.500	725.000	0.000	0.000
NC	0.080	0.080	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	6928.000	23.000	405.000	445.000	596.000	596.000	596.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	280.000	0.000	820.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	60.000	592.500	61.000	592.500	91.000	584.500	92.000
GR	583.000	250.000	591.000	251.000	591.000	281.000	583.000	282.000	586.000	300.000
GR	578.410	395.000	575.860	405.000	573.660	425.000	576.310	445.000	577.510	455.000
GR	580.510	467.000	591.460	507.000	581.910	542.000	583.310	622.000	583.000	825.000
GR	591.000	826.000	591.000	856.000	583.000	857.000	0.000	0.000	0.000	0.000
NC	0.050	0.050	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	7992.000	20.000	435.000	476.000	1064.000	1064.000	1064.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	200.000	0.000	590.000	0.000	0.000	0.000	0.000
GR	593.000	0.000	585.000	1.000	584.000	111.000	592.000	112.000	592.000	142.000
GR	584.000	143.000	581.000	248.000	580.000	303.000	578.000	425.000	575.200	435.000
GR	575.080	450.000	575.200	476.000	578.000	491.000	580.000	543.000	582.000	563.000
GR	584.000	588.000	585.000	600.000	593.000	601.000	593.000	630.000	585.000	631.000
NC	0.040	0.040	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF MARIAN DR.

X1	8164.000	20.000	410.000	451.000	172.000	172.000	172.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	170.000	0.000	530.000	0.000	583.000	583.000	0.000
GR	585.000	0.000	584.500	100.000	592.500	101.000	592.500	130.000	584.500	131.000
GR	584.000	233.000	585.400	333.000	584.000	383.000	582.000	393.000	580.010	400.000
GR	577.410	410.000	575.080	425.000	577.560	451.030	580.460	466.000	585.900	503.000
GR	585.700	643.000	593.700	644.000	593.700	674.000	585.000	675.000	585.000	700.000
SB	0.000	1.530	3.000	0.000	52.000	0.000	409.760	0.000	0.000	0.000
NC	0.040	0.040	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

U/S OF MARIAN DR.

X1	8220.000	21.000	424.000	473.000	56.000	56.000	56.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	170.000	0.000	530.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	582.960	584.300	0.000	0.000	0.000	0.000	0.000
BT	11.000	169.000	584.500	0.000	254.000	564.300	0.000	549.000	585.260	0.000
BT	389.000	585.850	0.000	423.500	586.090	0.000	424.000	586.460	582.960	476.000
BT	586.460	582.960	476.500	586.300	0.000	516.000	586.140	0.000	531.000	586.130
BT	0.000	531.000	585.870	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	100.000	592.500	101.000	592.500	130.000	584.500	131.000
GR	584.000	233.000	584.000	404.000	582.000	409.000	580.010	414.000	577.460	424.000
GR	575.200	450.000	577.610	473.000	580.660	485.000	582.000	469.000	584.000	497.000
GR	585.200	644.000	585.870	654.000	585.900	800.000	593.900	801.000	593.900	831.000
GR	585.900	832.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.050	0.050	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	8270.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	170.000	0.000	530.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	67.000	0.000	574.000	0.000	0.000	0.000	0.000

SECTION SAME AS 6834

X1	9426.000	21.000	507.000	543.000	1156.000	1156.000	1156.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	450.000	0.000	640.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	65.000	592.500	66.000	592.500	96.000	584.500	97.000
GR	584.500	207.000	592.500	208.000	592.500	238.000	584.500	239.000	586.100	403.000
GR	585.350	421.000	581.050	441.000	579.300	458.000	578.750	485.000	579.450	507.000
GR	574.950	525.000	576.150	543.000	580.350	552.000	582.950	602.000	583.850	640.000
GR	586.900	750.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	10844.000	11.000	442.000	502.000	1418.000	1418.000	1418.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	330.000	0.000	530.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	585.000	150.000	584.700	340.000	584.570	412.000	576.600	642.000
GR	576.550	475.000	576.600	502.000	583.670	527.000	586.000	565.000	586.000	595.000
GR	590.000	650.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000

FORM 1411-GB-PRINTED BY ROTARY MANIFOLD FORMS

D/S OF WEST RD.

X1	10994.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	330.000	0.000	530.000	0.000	584.500	584.500	0.000
SB	1.050	2.190	.3.000	0.000	60.000	3.520	585.200	1.750	0.000	0.000

U/S OF WEST RD.

X1	11078.000	25.000	441.000	462.000	84.000	84.000	84.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.250	586.100	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	345.000	0.000	532.000	0.000	0.000	0.000	0.000
BT	8.000	0.000	590.000	0.000	253.000	586.700	0.000	452.000	586.100	0.000
BT	453.000	586.750	534.250	490.000	586.750	584.250	491.000	586.420	0.000	671.000
BT	588.520	0.000	752.000	590.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	586.700	250.000	585.000	350.000	584.000	370.000	582.000	408.000
GR	581.320	428.250	584.250	428.260	584.250	429.750	581.300	429.760	581.220	433.000
GR	578.920	441.000	576.550	450.000	578.820	462.000	578.000	463.250	584.250	463.260
GR	584.250	464.750	578.910	464.760	582.170	470.000	584.000	483.000	586.000	583.000
GR	588.500	671.000	590.000	720.000	598.000	721.000	598.000	751.000	590.000	752.000
QT	5.000	1220.000	1660.000	1800.000	1800.000	2200.000	0.000	0.000	0.000	0.000

X1	11148.000	0.000	0.000	0.000	70.000	70.000	70.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	345.000	0.000	532.000	0.000	578.000	578.000	0.000
NC	0.060	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

X1	12404.000	25.000	413.500	444.500	1256.000	1256.000	1256.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	581.000	581.000	0.000
GR	590.000	0.000	587.720	60.000	596.000	61.000	596.000	91.000	587.720	92.000
GR	585.490	250.000	583.210	296.000	581.510	331.000	582.050	413.000	577.920	413.500
GR	574.920	418.200	577.920	422.900	577.920	424.300	574.920	429.000	577.920	433.700
GR	577.920	435.100	574.920	439.800	577.920	444.500	582.110	445.000	582.060	475.000
GR	582.710	550.000	585.210	578.000	585.810	586.000	593.810	589.000	593.810	619.000
SB	1.250	1.500	2.500	0.000	20.600	6.470	84.800	0.000	0.000	0.000

X1	12414.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	577.920	581.510	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	581.510	581.510	0.000
BT	20.000	0.000	590.000	0.000	60.000	587.720	0.000	250.000	585.490	0.000
BT	296.000	583.210	0.000	381.000	581.510	0.000	413.000	582.050	0.000	413.500
BT	582.050	577.920	418.200	582.030	580.920	422.900	582.110	577.920	424.300	582.110
BT	577.920	429.000	582.110	580.920	433.700	582.110	577.920	435.100	582.110	577.920
BT	439.800	582.110	580.920	444.500	582.110	577.920	445.000	582.110	0.000	475.000
BT	582.060	0.000	550.000	582.710	0.000	578.000	585.210	0.000	580.000	585.810
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	13397.000	15.000	388.000	406.000	992.000	992.000	992.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	180.000	0.000	740.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	586.000	192.000	584.000	217.000	582.000	317.000	581.300	332.000
GR	582.000	352.000	583.970	382.000	578.100	388.000	578.040	400.000	578.100	406.000
GR	580.970	415.000	582.000	592.000	582.000	700.000	590.000	701.000	590.000	741.000
NC	0.060	0.070	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF HARRISON RD.

X1	13597.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	180.000	0.000	740.000	0.000	585.000	585.000	0.000
SB	0.000	1.600	3.000	0.000	55.000	0.000	379.500	0.000	0.000	0.000

PRINTED IN U.S.A.
FORM 1411 OR PRINTED BY NOTARY MANIFOLD FORMS

U/S OF HARRISON RD.

X1	13653.000	20.000	419.000	437.000	56.000	56.000	56.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.940	584.070	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	180.000	0.000	740.000	0.000	585.000	585.000	0.000
BT	12.000	179.000	586.400	0.000	188.000	586.380	0.000	212.000	584.070	0.000
BT	312.000	587.890	0.000	396.500	588.320	0.000	397.000	588.440	584.940	453.000
BT	588.440	584.940	454.000	588.070	0.000	489.000	587.270	0.000	589.000	586.470
BT	0.000	654.000	585.770	0.000	741.000	585.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	590.000	65.000	598.000	66.000	596.000	96.000	590.000	97.000
GR	586.000	200.000	585.000	225.000	584.000	390.000	582.000	405.000	581.620	410.000
GR	578.140	419.000	578.100	425.000	578.140	437.000	580.940	447.000	582.000	470.000
GR	584.000	485.000	584.000	625.000	584.000	750.000	592.000	751.000	592.000	781.000
NC	0.060	0.060	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	13703.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	180.000	0.000	740.000	0.000	0.000	0.000	0.000

SECTION SAME AS 895

X1	15365.000	20.000	525.000	547.000	1662.000	1682.000	1662.000	0.000	0.000	0.000
GR	590.000	0.000	587.000	60.000	595.000	61.000	595.000	91.000	587.000	92.000
GR	585.000	150.000	584.730	350.000	582.780	450.000	582.480	475.000	582.730	520.000
GR	579.680	525.000	577.980	536.000	578.780	547.000	582.680	563.000	584.380	692.000
GR	584.280	742.000	585.000	900.000	585.500	1025.000	593.500	1026.000	593.500	1056.000

PROFILE LINE C 210: SOUTH OF PROPOSED SUB.

X1	15374.000	18.000	355.000	377.000	9.000	9.000	9.000	0.000	0.000	0.000
GR	588.300	0.000	587.600	50.000	585.900	125.000	582.500	275.000	582.200	325.000
GR	582.700	350.000	577.800	355.000	577.800	577.000	582.000	382.000	584.200	432.000
GR	583.600	532.000	584.500	632.000	585.800	707.000	587.400	757.000	587.900	782.000
GR	595.900	782.010	595.900	812.000	587.900	812.010	0.000	0.000	0.000	0.000

DOWNSTREAM OF SUBDIVISION

X1	15534.000	17.000	341.000	363.000	160.000	160.000	160.000	0.000	0.000	0.000
GR	588.200	0.000	585.700	25.000	583.700	50.000	581.700	225.600	582.200	325.000
GR	582.200	330.000	578.000	341.000	578.000	363.000	583.500	368.000	584.500	402.000
GR	586.000	452.000	585.300	579.000	584.200	652.000	586.700	802.000	586.800	852.000
GR	586.500	908.000	587.300	984.000	0.000	0.000	0.000	0.000	0.000	0.000

PROFILE LINE B 616: SOUTH OF KING RD. SOUTH LINE OF PROP. SUB.

X1	15584.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000

DUMMY SECT. 50 FT.INSIDE S. PROP.LINE REPEAT SECT.15534 W/PROP. ELEV.

X1	15634.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000

PROFILE LINE A 310: SOUTH OF KING RD.

X1	15890.000	22.000	294.000	316.000	256.000	256.000	256.000	0.000	0.000	0.000
GR	588.300	0.000	585.900	25.000	584.300	50.000	584.500	75.000	583.400	100.000
GR	582.400	175.000	582.000	289.000	576.300	294.000	576.300	316.000	582.200	321.000
GR	582.800	355.000	585.200	430.000	583.900	585.000	585.200	555.000	586.400	655.000

FORM 1411-GD-PRINTED BY ROTARY MANIFOLD FORMS

GR	586.400	680.000	585.900	705.000	586.500	805.000	586.900	830.000	586.600	880.000
GR	588.500	905.000	589.300	930.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	16085.000	16.000	489.000	513.000	195.000	195.000	195.000	0.000	0.000	0.000
GR	590.000	0.000	588.300	196.200	584.300	246.000	582.600	298.000	582.300	448.000
GR	582.490	480.000	577.700	489.000	577.630	500.000	577.700	513.000	582.490	522.000
GR	583.600	698.000	585.700	751.000	587.000	766.000	588.000	791.000	589.000	821.000
GR	589.000	861.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF KING RD.

X1	16235.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.000	0.000
SB	0.000	1.770	3.000	0.000	13.000	0.000	82.230	0.230	0.000	0.000

U/S OF KING RD.

X1	16285.000	10.000	511.000	534.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	583.520	584.990	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	584.990	584.990	0.000
BT	12.000	0.000	590.000	0.000	313.000	587.380	0.000	325.000	587.270	0.000
BT	420.000	586.330	0.000	514.000	585.520	0.000	515.000	585.520	583.520	525.000
BT	585.380	583.520	535.000	585.230	583.520	615.000	585.230	583.520	616.000	585.230
BT	0.000	695.000	584.990	0.000	1600.000	590.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	585.000	200.000	584.390	503.000	578.600	511.000	577.700	525.000
GR	579.500	534.000	583.300	539.000	583.400	723.000	585.020	810.000	590.000	1600.000
NC	0.100	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	16335.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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*PROF 1

CCHV=   0.100 CEHV=   0.300
*SECNO 4617.000

3265 DIVIDED FLOW

   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN      SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IH2       ICONT     CORAR     TOPWID     ENDST


        STOPPED AT HOUSE LINE          BASED ON FIELD NOTES & QUAD MAP

  4617.00     12.18    584.64      0.00    584.64    584.68      0.04      0.00      0.00    572.50
    1820.      463.     1144.      213.     1037.      608.      419.        0.        0.    572.50
     0.00      0.45      1.88      0.51     0.080     0.035     0.080     0.000    572.46      9.19
 0.000070      351.      351.      351.         0         0         0      0.00    372.62    415.93

FLOW DISTRIBUTION FOR SECNO=   4617.00          CWSEL=    584.64

STA=        9.      120.      160.      240.      250.      260.      310.      320.      330.      331.      366.      415.      416.
  PER Q=      3.4       4.2      12.2       2.1       3.5      62.9       3.3       2.0       0.0       0.0       6.4       0.0
   AREA=    240.4     179.6     451.2      68.9      96.4     608.0      93.9      65.4       3.0       2.7     251.9       2.2
    VEL=      0.3       0.4       0.5       0.6       0.7       1.9       0.6       0.5       0.1       0.1       0.5       0.1

CCHV=   0.300 CEHV=   0.500
*SECNO 4797.000
3280 CROSS SECTION   4797.00 EXTENDED      0.55 FEET


        D/S FACE OF FORT ST. NO

  4797.00     12.20    584.66      0.00      0.00    584.69      0.04      0.02      0.00    576.06
    1820.      283.     1191.      346.      577.      632.      598.        8.        2.    576.16
     0.04      0.49      1.88      0.58     0.060     0.035     0.060     0.041    572.46     40.00
 0.000088      120.      260.      180.         0         0         0      0.00    551.05    591.05

FLOW DISTRIBUTION FOR SECNO=   4797.00          CWSEL=    584.66

STA=       40.      290.      300.      333.      348.      409.      419.      427.      548.      568.      591.
  PER Q=      3.7       0.8       6.1       4.8      65.4       3.4       1.6      13.4       0.6       0.0
   AREA=    275.8      31.5     164.9     104.5     632.5      72.4      42.6     442.0      33.1       7.5
    VEL=      0.2       0.5       0.7       0.8       1.9       0.9       0.7       0.6       0.3       0.1

SPECIAL BRIDGE

SB  XK        XKOR       COFQ       RDLEN      BWC        BWP        BAREA      SS         ELCHU      ELCHD
     0.00      1.76       3.00       0.00      51.00       0.00     377.40      0.00     572.46     572.46

*SECNO 4848.000
3280 CROSS SECTION   4848.00 EXTENDED      0.64 FEET


PRESSURE AND WEIR FLOW
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EGPRS	EGLOC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
585.29	584.69	0.00	879.	943.	377.	377.	579.86	583.40

U/S FACE OF FORT ST. NB

4848.00	12.28	584.74	0.00	0.00	584.83	0.09	0.13	0.00	573.81
1820.	226.	1484.	110.	478.	558.	181.	10.	2.	572.96
0.05	0.47	2.66	0.61	0.060	0.035	0.060	0.040	572.46	40.00
0.000145	51.	51.	51.	2	0	4	0.00	464.05	504.05

FLOW DISTRIBUTION FOR SECNO= 4848.00 CWSEL= 584.74

STA=	40.	290.	300.	341.	341.	388.	425.	435.	504.
PER Q=	5.4	0.6	6.4	0.0	81.5	5.4	0.4	0.2	
AREA=	293.6	22.4	157.7	0.8	557.6	138.3	17.4	25.4	
VEL=	0.3	0.5	0.7	0.1	2.7	0.7	0.4	0.2	

*SECNO 4919.000

3280 CROSS SECTION 4919.00 EXTENDED 0.64 FEET

4919.00	12.29	584.75	0.00	0.00	584.84	0.09	0.01	0.00	573.81
1820.	227.	1482.	110.	480.	558.	182.	12.	3.	572.96
0.06	0.47	2.66	0.61	0.060	0.035	0.060	0.039	572.46	40.00
0.000145	71.	71.	71.	0	0	0	0.00	464.83	504.83

FLOW DISTRIBUTION FOR SECNO= 4919.00 CWSEL= 584.75

STA=	40.	290.	300.	341.	341.	388.	425.	435.	505.
PER Q=	5.5	0.6	6.4	0.0	81.4	5.4	0.4	0.2	
AREA=	298.7	22.4	158.1	0.8	558.0	138.6	17.4	26.0	
VEL=	0.3	0.5	0.7	0.1	2.7	0.7	0.4	0.2	

*SECNO 4990.000

3280 CROSS SECTION 4990.00 EXTENDED 0.71 FEET

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IH2	ICONT	CORAR	TOPWID	ENDST

D/S FACE OF FORT ST. SB

4990.00	12.71	584.81	0.00	0.00	584.86	0.05	0.01	0.01	574.46
1820.	589.	1214.	18.	1249.	567.	41.	14.	4.	572.31
0.07	0.47	2.14	0.43	0.060	0.035	0.060	0.038	572.10	50.00
0.000092	71.	71.	71.	2	0	0	0.00	568.09	618.09

FLOW DISTRIBUTION FOR SECNO= 4990.00 CWSEL= 584.81

STA=	50.	140.	300.	350.	460.	510.	550.	551.	598.	610.	610.
PER Q=	1.7	13.4	6.1	5.2	0.8	3.2	0.0	66.7	1.0	0.0	
AREA=	113.3	529.5	190.5	237.5	58.0	119.1	0.6	567.1	37.5	3.5	
VEL=	0.3	0.5	0.6	0.4	0.3	0.5	0.1	2.1	0.5	0.1	

FORM 1411-28 PRINTED BY ROTARY MANIFOLD FORMS.

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.68	3.00	0.00	51.00	0.00	517.65	0.00	572.10	572.10

*SECNO 5041.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5041.00 EXTENDED 0.74 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
585.13	584.86	0.00	839.	985.	518.	518.	582.25	582.97

U/S FACE OF FORT ST. SB

5041.00	12.24	584.84	0.00	0.00	584.90	0.06	0.05	0.00	575.16
1820.	532.	1287.	1.	1038.	542.	5.	16.	4.	572.81
0.08	0.51	2.37	0.15	0.060	0.035	0.060	0.038	572.60	50.00
0.000120	51.	51.	51.	2	0	6	0.00	514.50	568.84

FLOW DISTRIBUTION FOR SECNO= 5041.00 CWSEL= 584.84

STA=	50.	300.	505.	516.	521.	568.	569.
PER Q=	5.7	22.9	0.7	0.0	70.7	0.0	
AREA=	322.8	584.9	26.2	4.1	542.2	5.0	
VEL=	0.3	0.6	0.5	0.2	2.4	0.2	

*SECNO 5261.000

3280 CROSS SECTION 5261.00 EXTENDED 1.40 FEET

5261.00	12.30	584.90	0.00	0.00	584.96	0.07	0.06	0.00	573.50
1820.	0.	0.	1320.	0.	0.	873.	22.	6.	633.50
0.11	0.00	0.00	2.08	0.060	0.035	0.060	0.039	572.00	50.00
0.000862	140.	270.	220.	2	0	0	0.00	344.05	594.05

FLOW DISTRIBUTION FOR SECNO= 5261.00 CWSEL= 584.90

STA=	50.	300.	350.	355.	360.	365.	377.	389.	394.
PER Q=	17.4	7.1	1.8	3.3	5.8	31.2	31.2	2.2	
AREA=	349.1	107.3	19.5	27.2	45.5	147.0	147.0	30.8	
VEL=	0.9	1.2	1.7	2.2	2.3	3.9	3.9	1.3	

*SECNO 5525.000

3280 CROSS SECTION 5525.00 EXTENDED 1.77 FEET

5525.00	12.70	586.97	0.00	0.00	585.04	0.07	0.06	0.00	572.50
1820.	224.	996.	600.	312.	355.	830.	29.	8.	572.30
0.15	0.72	2.30	0.72	0.060	0.035	0.060	0.038	572.27	[illegible]
0.000147	264.	264.	264.	2	0	0	0.00	560.00	56[illegible]

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FORM 1411.00 PRINTED BY ROTARY MANIFOLD FORMS.

FLOW DISTRIBUTION FOR SECNO= 5525.00 CWSEL= 584.97

STA=	0.	75.	77.	82.	110.	116.	120.	140.	230.	330.	360.
PER Q=	9.2	0.5	2.5	54.7	3.2	1.5	6.5	13.9	6.7	1.2	
AREA=	252.9	11.2	47.4	355.2	56.2	26.1	119.4	344.0	232.2	51.7	
VEL=	0.7	0.8	1.0	2.8	1.0	1.0	1.0	0.7	0.5	0.4	

CCHV= 0.300 CEHV= 0.500
*SECNO 5649.000
3280 CROSS SECTION 5649.00 EXTENDED 1.79 FEET

3470 ENCROACHMENT STATIONS= 1.0 359.0 TYPE= 1 TARGET= 358.000

D/S OF VAN HORN RD.

5649.00	12.72	584.99	0.00	0.00	585.07	0.08	0.02	0.01	572.30
1820.	205.	1064.	551.	311.	356.	831.	33.	9.	572.30
0.16	0.66	2.99	0.66	0.070	0.035	0.070	0.037	572.27	1.00
0.000168	124.	124.	124.	2	0	0	0.00	358.00	359.00

FLOW DISTRIBUTION FOR SECNO= 5649.00 CWSEL= 584.99

STA=	1.	75.	77.	82.	110.	116.	120.	140.	230.	330.	359.
PER Q=	8.5	0.5	2.3	58.5	2.9	1.4	5.9	12.8	6.2	1.1	
AREA=	252.1	11.3	47.4	355.6	56.3	26.1	119.7	345.2	233.6	50.6	
VEL=	0.6	0.8	0.9	3.0	0.9	0.9	0.9	0.7	0.5	0.4	

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.66	3.00	0.00	18.00	0.00	112.66	0.00	571.61	571.61

*SECNO 5601.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOOL	XLCH	XLOBR	ITRIAL	IN2	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLOC	H3	QWEIR	QPR	AREA	TRAPEZOID AREA	ELLC	ELTRD
591.71	584.41	0.00	1578.	237.	113.	121.	578.33	582.23

3470 ENCROACHMENT STATIONS= 1.0 385.0 TYPE= 1 TARGET= 384.000

U/S OF VAN HORN RD.

5681.00	12.96	585.06	0.00	0.00	585.10	0.04	0.03	0.00	575.76
1820.	317.	962.	541.	489.	466.	977.	35.	10.	575.91
0.17	0.65	2.06	0.55	0.070	0.035	0.070	0.037	572.10	1.00
0.000097	32.	32.	32.	2	0	7	0.00	384.00	385.00

FLOW DISTRIBUTION FOR SECNO= 5681.00 CWSEL= 585.06

FORM 141 OB-PRINTED BY NOTARY MANIFOLD FORMS.

STA=	1.	5.	35.	82.	94.	136.	148.	256.	356.	385.
PER Q=	0.2	3.6	9.6	4.1	52.8	4.1	17.5	7.0	1.1	
AREA=	11.0	121.9	263.5	92.7	466.0	93.3	527.3	296.2	60.3	
VEL=	0.3	0.5	0.7	0.8	2.1	0.8	0.6	0.4	0.3	

CCHV= 0.100 CEHV= 0.300
*SECNO 5800.000

3470 ENCROACHMENT STATIONS= 165.0 490.0 TYPE= 1 TARGET= 325.000

5800.00	12.98	585.08	0.00	0.00	585.11	0.03	0.01	0.00	575.76
1820.	230.	855.	735.	382.	467.	1246.	40.	11.	575.91
0.20	0.60	1.83	0.59	0.070	0.035	0.070	0.037	572.10	165.00
0.000077	119.	119.	119.	0	0	0	0.00	325.00	490.00

FLOW DISTRIBUTION FOR SECNO= 5800.00 CWSEL= 585.08

STA=	165.	170.	217.	229.	271.	283.	450.	490.
PER Q=	0.5	8.5	3.6	47.0	3.7	31.5	5.2	
AREA=	24.6	264.3	92.9	466.6	93.5	959.9	192.5	
VEL=	0.3	0.6	0.7	1.8	0.7	0.6	0.5	

CCHV= 0.300 CEHV= 0.500
*SECNO 5938.000
3280 CROSS SECTION 5938.00 EXTENDED 2.09 FEET

3470 ENCROACHMENT STATIONS= 230.0 533.0 TYPE= 1 TARGET= 303.000

D/S 87 BY 136 CULVERT

5938.00	13.14	585.08	0.00	0.00	585.14	0.07	0.01	0.02	571.94
1820.	267.	1273.	280.	379.	526.	795.	46.	12.	571.94
0.22	0.70	2.42	0.35	0.060	0.039	0.120	0.037	571.94	230.00
0.000105	138.	138.	138.	1	0	0	0.00	303.00	533.00

FLOW DISTRIBUTION FOR SECNO= 5938.00 CWSEL= 585.08

STA=	230.	300.	313.	353.	363.	515.	533.
PER Q=	8.7	6.0	69.9	2.8	12.2	0.4	
AREA=	264.9	114.0	525.8	98.7	659.1	37.5	
VEL=	0.6	1.0	2.4	0.5	0.3	0.2	

SPECIAL BRIDGE

SD	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.50	3.00	0.00	21.32	3.00	132.80	0.00	572.05	571.94

*SECNO 6022.000
3280 CROSS SECTION 6022.00 EXTENDED 2.04 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	HS	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTWD
589.45	585.16	0.02	1506.	321.	133.	133.	579.33	582.30

FORM 1417-D PRINTED BY HOYAPT MANIFOLD FORMS.

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3470 ENCROACHMENT STATIONS=      230.0      533.0  TYPE=      1  TARGET=      303.000

        U/S 87 BY 136 CULVERT

  6022.00     13.10    585.15      0.00      0.00    585.21      0.02      0.07      0.00    572.05
    1820.      265.     1277.      278.      375.      524.      786.       49.       12.    572.05
     0.23      0.71      2.44      0.35     0.060     0.035     0.120     0.037    572.05    230.00
 0.000107       84.       84.       84.         2         0         7      0.00    303.00    533.00

FLOW DISTRIBUTION FOR SECNO=    6022.00          CWSEL=     585.15

STA=      230.      300.      313.      353.      363.      515.      533.
  PER Q=       8.6       6.0      70.2       2.8      12.1       0.4
   AREA=     261.4     113.3     523.8      98.2     651.5      36.6
    VEL=       0.6       1.0       2.4       0.5       0.3       0.2

*SECNO 6100.000
3280 CROSS SECTION    6100.00 EXTENDED       0.15 FEET


3470 ENCROACHMENT STATIONS=      160.0      412.0  TYPE=      1  TARGET=      252.000
  6100.00     10.36    585.16      0.00      0.00    585.22      0.07      0.01      0.00    574.90
    1820.      326.      964.      530.      349.      350.      922.       52.       13.    574.90
     0.24      0.93      2.75      0.57     0.060     0.035     0.120     0.037    574.80    160.00
 0.000187       78.       78.       78.         0         0         0      0.00    252.00    412.00

FLOW DISTRIBUTION FOR SECNO=    6100.00          CWSEL=     585.16

STA=      160.      170.      177.      185.      215.      233.      238.      272.      277.      315.      385.      412.
  PER Q=       1.1       0.8       1.0       6.0       6.3       2.8      52.9       1.0       6.9      16.1       5.1
   AREA=      32.5      21.4      24.4     124.6     104.6      41.8     350.4      37.8     226.5     479.8     178.3
    VEL=       0.6       0.7       0.7       0.9       1.1       1.2       2.8       0.5       0.6       0.6       0.5

CCHV=    0.300 CEHV=    0.500
*SECNO 6270.000
3280 CROSS SECTION    6270.00 EXTENDED       0.05 FEET

   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        CLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA      LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IH2       ICONT     CORAR     TOPWID      ENDST


3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=       586.00 ELREA=       586.00


        D/S OF DT & R.R.

  6270.00     10.25    585.05      0.00      0.00    585.48      0.43      0.07      0.18    574.90
    1820.        0.     1820.        0.        0.      347.        0.       57.       13.    574.90
     0.25      0.00      5.25      0.00     0.070     0.040     0.070     0.037    574.80    238.00
 0.001039      194.      194.      194.         2         0         0      0.00     34.00    272.00

FLOW DISTRIBUTION FOR SECNO=    6270.00          CWSEL=     585.05

STA=      238.      272.
  PER Q=     100.0
   AREA=     346.7
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VEL= 5.2

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.59	3.00	0.00	28.70	1.50	326.00	0.92	574.80	574.80

*SECNO 6282.000

3280 CROSS SECTION 6282.00 EXTENDED 0.28 FEET

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
585.82	585.65	0.04	0.	1820.	326.	331.	584.70	587.70

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 587.69 ELREA= 587.69

U/S OF DT & I R.R.

6282.00	10.38	585.28	0.00	0.00	585.82	0.54	0.34	0.00	575.00
1820.	0.	1820.	0.	0.	310.	0.	57.	13.	575.00
0.26	0.00	5.87	0.00	0.070	0.040	0.070	0.037	574.90	257.00
0.001248	12.	12.	12.	2	0	0	0.00	30.00	287.00

FLOW DISTRIBUTION FOR SECNO= 6282.00 CWSEL= 585.28

STA=	257. 287.
PER Q=	100.0
AREA=	310.0
VEL=	5.9

*SECNO 6332.000

3280 CROSS SECTION 6332.00 EXTENDED 3.36 FEET

3470 ENCROACHMENT STATIONS= 253.0 343.0 TYPE= 1 TARGET= 90.000

6332.00	10.86	585.86	0.00	0.00	585.57	0.11	0.03	3.13	575.10
1820.	142.	1066.	613.	92.	324.	418.	57.	13.	575.10
0.26	1.54	3.29	1.47	0.070	0.040	0.070	0.037	575.00	253.00
0.000327	50.	50.	50.	2	0	0	0.00	90.00	343.00

FLOW DISTRIBUTION FOR SECNO= 6332.00 CWSEL= 585.86

STA=	253.	256.	283.	293.	299.	321.	343.
PER Q=	0.2	7.0	51.3	5.6	16.3	11.7	
AREA=	7.9	84.1	324.3	59.5	186.3	172.5	
VEL=	0.4	1.6	3.3	1.7	1.6	1.2	

CCHV= 0.100 CEHV= 0.300

*SECNO 6928.000

3280 CROSS-SECTION 6928.00 EXTENDED 3.04 FEET

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3470 ENCROACHMENT STATIONS= 280.0 820.0 TYPE= 1 TARGET= 540.000

SECTION SAME AS 9332

6928.00	12.38	586.04	0.00	0.00	586.06	0.02	0.08	0.01	575.06
1820.	464.	803.	553.	820.	447.	1379.	81.	18.	576.31
0.42	0.57	1.80	0.40	0.080	0.035	0.080	0.037	573.66	281.62
0.000073	596.	596.	596.	2	0	0	0.00	538.38	820.00

FLOW DISTRIBUTION FOR SECNO= 6928.00 CWSEL= 586.04

STA=	282.	300.	395.	405.	445.	455.	467.	507.	542.	622.	820.
PER Q=	1.9	20.3	3.3	44.1	3.4	2.7	5.3	3.5	5.4	9.9	
AREA=	82.2	649.1	89.0	446.6	91.3	85.5	206.1	152.3	274.2	569.9	
VEL=	0.4	0.6	0.7	1.8	0.7	0.6	0.5	0.4	0.4	0.3	

CCHV= 0.100 CEHV= 0.300
*SECNO 7992.000
3280 CROSS SECTION 7992.00 EXTENDED 1.10 FEET

3470 ENCROACHMENT STATIONS= 200.0 590.0 TYPE= 1 TARGET= 390.000

7992.00	11.02	586.10	0.00	0.00	586.11	0.01	0.05	0.00	575.20
1820.	867.	536.	417.	1482.	449.	696.	146.	29.	575.20
0.80	0.59	1.19	0.60	0.050	0.035	0.050	0.036	575.08	200.00
0.000032	1064.	1064.	1064.	2	0	0	0.00	390.00	590.00

FLOW DISTRIBUTION FOR SECNO= 7992.00 CWSEL= 586.10

STA=	200.	248.	303.	425.	435.	476.	491.	543.	563.	588.	590.
PER Q=	5.0	9.0	29.7	3.9	29.4	5.9	12.7	2.0	1.5	0.0	
AREA=	212.0	303.1	866.5	95.0	449.5	142.5	369.3	102.1	77.6	4.0	
VEL=	0.4	0.5	0.6	0.7	1.2	0.7	0.6	0.5	0.4	0.2	

CCHV= 0.300 CEHV= 0.500
*SECNO 8164.000
3280 CROSS SECTION 8164.00 EXTENDED 1.08 FEET

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IN2	ICONT	CORAR	TOPWID	ELDST

3470 ENCROACHMENT STATIONS= 170.0 530.0 TYPE= 1 TARGET= 360.000

D/S OF MARIAN DR.

8164.00	11.00	586.08	0.00	0.00	586.15	0.07	0.01	0.03	577.41
1820.	449.	1063.	308.	469.	401.	219.	153.	31.	577.56
0.83	0.96	2.65	1.41	0.040	0.035	0.040	0.036	575.08	170.00
0.000188	172.	172.	172.	2	0	0	0.00	360.00	530.00

FLOW DISTRIBUTION FOR SECNO= 8164.00 CWSEL= 586.08

STA=	170.	233.	333.	383.	393.	400.	410.	451.	466.	503.	530.
PER Q=	5.2	4.0	2.4	1.8	2.9	7.6	56.4	10.8	6.1	0.1	

AREA=	121.4	138.2	69.1	30.8	35.5	73.7	401.4	106.1	107.4	5.4
VEL=	0.8	0.6	0.6	1.1	1.5	1.9	2.6	1.9	1.0	0.2

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.53	3.00	0.00	52.00	0.00	409.76	0.00	575.08	575.08

CCHV= 0.300 CEHV= 0.500
*SECNO 8220.000
3280 CROSS SECTION 8220.00 EXTENDED 0.29 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
586.55	586.15	0.00	770.	1043.	410.	410.	582.96	584.30

3470 ENCROACHMENT STATIONS= 170.0 530.0 TYPE= 1 TARGET= 360.000

U/S OF MARIAN DR.

8220.00	10.98	586.18	0.00	0.00	586.24	0.05	0.08	0.00	577.46
1820.	521.	1077.	222.	618.	481.	197.	155.	31.	577.61
0.84	0.84	2.24	1.13	0.040	0.035	0.040	0.036	575.20	170.00
0.000133	56.	56.	56.	2	0	5	0.00	360.00	530.00

FLOW DISTRIBUTION FOR SECNO= 8220.00 CWSEL= 586.18

STA=	170.	233.	404.	409.	414.	424.	473.	485.	489.	497.	530.
PER Q=	4.7	14.8	0.8	1.7	6.6	59.2	7.2	1.3	1.3	2.5	
AREA=	127.9	373.6	15.9	25.9	74.5	481.2	84.6	19.4	25.5	67.7	
VEL=	0.7	0.7	0.9	1.2	1.6	2.2	1.5	1.2	0.9	0.7	

CCHV= 0.100 CEHV= 0.300
*SECNO 8270.000

3265 DIVIDED FLOW

3280 CROSS SECTION 8270.00 EXTENDED 0.29 FEET

3470 ENCROACHMENT STATIONS= 67.0 574.0 TYPE= 1 TARGET= 507.000

8270.00	10.99	586.19	0.00	0.00	586.24	0.05	0.01	0.00	577.46
1820.	492.	1107.	222.	743.	482.	274.	156.	31.	577.61
0.84	0.66	2.30	0.81	0.050	0.035	0.050	0.036	575.20	67.30
0.000140	50.	50.	50.	0	0	0	0.00	476.42	574.30

FLOW DISTRIBUTION FOR SECNO= 8270.00 CWSEL= 586.19

STA=	67.	233.	404.	424.	473.	485.	574.
PER Q=	7.3	12.2	7.5	60.8	5.9	6.5	
AREA=	251.7	375.0	116.5	481.6	84.	389.6	
VEL=	0.5	0.6	1.2	2.3		0.6	

FORM 1411-D PRINTED BY ROTARY MANIFOLD FORMS, PHILA., U.S.A.

*SECNO 9426.000

3470 ENCROACHMENT STATIONS= 450.0 640.0 TYPE= 1 TARGET= 190.000

SECTION SAME AS 6834

9426.00	11.41	586.36	0.00	0.00	586.41	0.05	0.17	0.00	579.45
1820.	538.	860.	423.	411.	359.	420.	192.	40.	576.15
1.03	1.31	2.39	1.01	0.050	0.035	0.050	0.036	574.95	450.00
0.000151	1156.	1156.	1156.	1	0	0	0.00	190.00	640.00

FLOW DISTRIBUTION FOR SECNO= 9426.00 CWSEL= 586.36

STA=	450.	458.	485.	507.	543.	552.	602.	640.
PER Q=	2.6	15.0	12.0	47.2	5.5	13.2	4.4	
AREA=	53.1	197.9	159.6	359.2	72.9	235.2	112.2	
VEL=	0.9	1.4	1.4	2.4	1.4	1.0	0.7	

*SECNO 10844.000

3470 ENCROACHMENT STATIONS= 330.0 530.0 TYPE= 1 TARGET= 200.000

10844.00	10.00	586.55	0.00	0.00	586.61	0.06	0.20	0.00	576.60
1820.	278.	1354.	188.	336.	599.	169.	229.	47.	576.60
1.23	0.83	2.26	1.11	0.050	0.035	0.050	0.036	576.55	330.00
0.000132	1418.	1418.	1418.	1	0	0	0.00	200.00	530.00

FLOW DISTRIBUTION FOR SECNO= 10844.00 CWSEL= 586.55

STA=	330.	340.	412.	442.	502.	527.	530.
PER Q=	0.5	4.0	10.8	74.4	10.1	0.2	
AREA=	18.5	138.5	179.2	599.0	160.6	8.4	
VEL=	0.5	0.5	1.1	2.3	1.1	0.4	

CCHV= 0.300 CEHV= 0.500

*SECNO 10994.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IN2	ICONT	CORAR	TOPWID	ESTA

3470 ENCROACHMENT STATIONS= 330.0 530.0 TYPE= 1 TARGET= 200.000

D/S OF WEST RD.

10994.00	10.02	586.57	0.00	0.00	586.64	0.06	0.02	0.00	576.60
1820.	269.	1369.	182.	338.	600.	169.	233.	47.	576.60
1.25	0.80	2.28	1.07	0.060	0.040	0.060	0.036	576.55	330.00
0.000175	150.	150.	150.	0	0	0	0.00	200.00	530.00

FLOW DISTRIBUTION FOR SECNO= 10994.00 CWSEL= 586.57

STA=	330.	340.	412.	442.	502.	527.	530.
PER Q=	0.5	3.9	10.4	75.2	9.8	0.2	
AREA=	18.7	139.6	179.7	599.9	161.0	8.4	
VEL=	0.4	0.5	1.1	2.3	1.1	0.4	

SPECIAL BRIDGE

FORM 1411 REPRINTED BY NOTARY MANIFOLD FORMS

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	2.19	3.00	0.00	60.00	3.52	585.20	1.75	576.55	576.55

*SECNO 11078.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
586.90	586.64	0.00	183.	1623.	585.	539.	584.25	586.10

3470 ENCROACHMENT STATIONS= 345.0 532.0 TYPE= 1 TARGET= 187.000

U/S OF WEST RD.

11078.00	10.11	586.66	0.00	0.00	586.84	0.17	0.20	0.00	578.92
1820.	672.	848.	300.	366.	188.	199.	235.	48.	578.82
1.26	1.84	4.51	1.50	0.060	0.040	0.060	0.036	576.55	345.00
0.000818	84.	84.	84.	2	0	3	0.00	187.00	532.00

FLOW DISTRIBUTION FOR SECNO= 11078.00 CWSEL= 586.66

STA=	345.	370.	408.	428.	441.	462.	470.	483.	532.
PER Q=	3.2	12.9	11.5	9.4	46.6	5.5	4.2	6.8	
AREA=	51.4	139.2	101.3	73.9	188.1	46.1	46.5	106.5	
VEL=	1.1	1.7	2.1	2.3	4.5	2.2	1.6	1.2	

*SECNO 11148.000

3470 ENCROACHMENT STATIONS= 345.0 532.0 TYPE= 1 TARGET= 187.000

11148.00	10.10	586.73	0.00	0.00	586.89	0.16	0.06	0.00	578.92
1800.	669.	831.	300.	372.	190.	204.	236.	48.	578.82
1.27	1.80	4.38	1.47	0.060	0.040	0.060	0.036	576.55	345.00
0.000766	70.	70.	70.	2	0	0	0.00	187.00	532.00

FLOW DISTRIBUTION FOR SECNO= 11148.00 CWSEL= 586.73

STA=	345.	370.	408.	428.	441.	462.	470.	483.	532.
PER Q=	3.3	13.0	11.5	9.4	46.2	5.4	4.2	7.0	
AREA=	53.1	141.8	102.7	74.8	189.5	46.7	47.4	109.9	
VEL=	1.1	1.6	2.0	2.3	4.4	2.1	1.6	1.1	

CCHV= 0.300 CEHV= 0.500
*SECNO 12404.000

12404.00	12.33	587.25	0.00	0.00	587.28	0.04	0.35	0.04	577.92
1800.	624.	735.	441.	836.	331.	632.	273.	57.	577.92
1.53	0.75	2.22	0.70	0.060	0.035	0.070	0.036	574.92	125.75
0.000143	1256.	1256.	1256.	2	0	0	0.00	462.43	588.18

FLOW DISTRIBUTION FOR SECNO= 12404.00 CWSEL= 587.25

STA=	126.	250.	296.	381.	413.	414.	445.	445.	475.	550.	578.	588.	586.
PER Q=	1.6	4.4	19.6	6.9	0.1	40.8	0.0	6.5	14.7	2.9	0.4	0.0	
AREA=	104.9	133.	415.1	174.8	3.6	331.5	3.6	154.8	364.4	91.9	17.3	0.1	
VEL=	0.3	0.	0.9	0.9	0.3	2.2	0.2	0.8	0.7	0.6	0.4	0.1	

SPECIAL BRIDGE

Form 1411 - 8 PRINTED BY ROTARY MANIFOLD FORMS

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BUC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.50	2.50	0.00	20.60	6.47	84.80	0.00	574.92	574.92

*SECNO 12414.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLOB	ELTRD
597.74	587.31	0.03	1634.	177.	85.	42.	577.92	581.51

12414.00	12.39	587.31	0.00	0.00	587.35	0.03	0.07	0.00	577.92
1800.	630.	728.	443.	856.	333.	642.	273.	57.	577.92
1.53	0.74	2.18	0.69	0.060	0.035	0.070	0.036	574.92	120.85
0.000137	10.	10.	10.	2	0	5	0.00	467.33	588.19

FLOW DISTRIBUTION FOR SECNO= 12414.00 CWSEL= 587.31

STA=	121.	250.	296.	381.	413.	414.	445.	445.	475.	550.	578.	588.	588.
PER Q=	1.8	4.5	19.7	8.9	0.1	40.4	0.0	6.5	14.8	2.9	0.4	0.0	
AREA=	117.7	136.3	421.0	177.0	3.7	333.5	3.6	156.8	369.6	93.9	18.0	0.1	
VEL=	0.3	0.6	0.8	0.9	0.3	2.2	0.2	0.7	0.7	0.6	0.4	0.1	

*SECNO 13397.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	CLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	LTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IH2	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

13397.00	9.40	587.46	0.00	0.00	587.65	0.01	0.19	0.01	578.10	
1800.	518.	272.	1010.	897.	169.	1718.	326.	69.	578.10	
1.90	0.58	1.61	0.59	0.060	0.035	0.070	0.036	578.04	160.00	
0.000073	992.	992.	992.	1	0	0	0.00	520.68	700.68	

FLOW DISTRIBUTION FOR SECNO= 13397.00 CWSEL= 587.46

STA=	180.	192.	217.	317.	332.	352.	382.	388.	406.	416.	592.	700.	701.
PER Q=	0.2	1.3	14.1	3.3	4.4	4.3	1.2	15.1	3.1	34.7	18.3	0.0	
AREA=	15.8	61.1	444.6	86.9	115.9	133.8	38.5	168.8	79.1	1049.1	508.1	1.9	
VEL=	0.2	0.4	0.6	0.7	0.7	0.6	0.6	1.6	0.7	0.6	0.6	0.1	

CCHV= 0.300 CEHV= 0.500
*SECNO 13597.000

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

D/S OF HARRISON RD.

13597.00	9.42	587.46	0.00	0.00	587.47	0.01	0.01	0.00	578.10	
1800.	529.	242.	1029.	900.	169.	1723.	339.	71.	578.10	
1.98	0.59	1.43	0.60	0.060	0.040	0.070	0.036	578.04	160.00	
0.000075	200.	200.	200.	0	0	0	0.00	520.68	700.68	

FLOW DISTRIBUTION FOR SECNO= 13597.00 CWSEL= 587.46

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STA=	180.	192.	217.	317.	332.	352.	362.	388.	406.	416.	592.	700.	701.
PER Q=	0.2	1.3	14.4	3.4	4.5	4.3	1.3	13.4	3.1	35.4	18.7	0.0	
AREA=	16.0	61.5	446.1	87.2	116.2	134.3	38.6	169.0	79.3	1051.9	589.8	1.9	
VEL=	0.2	0.4	0.6	0.7	0.7	0.6	0.6	1.4	0.7	0.6	0.6	0.1	

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.60	3.00	0.00	55.00	0.00	379.50	0.00	578.04	578.04

*SECNO 13653.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 588.016 EGLWC= 587.466 ELLC= 584.940 PCWSE= 587.457 ELTRD= 584.070

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 584.07 MAX ELLC= 584.94

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

U/S OF HARRISON RD.

13653.00	9.31	587.41	0.00	0.00	587.54	0.13	0.01	0.06	578.14
1800.	589.	558.	653.	350.	123.	411.	341.	72.	578.14
1.99	1.68	4.54	1.59	0.060	0.040	0.070	0.036	578.10	180.00
0.002913	56.	56.	56.	2	0	0	-1144.45	560.00	740.00

FLOW DISTRIBUTION FOR SECNO= 13653.00 CWSEL= 587.41

STA=	180.	200.	225.	390.	405.	410.	419.	437.	447.	470.	625.	740.
PER Q=	1.5	5.5	16.7	1.3	1.6	6.1	31.0	6.6	4.6	4.8	20.3	
AREA=	20.4	47.8	198.9	22.0	15.6	45.5	122.8	54.0	46.0	96.8	214.5	
VEL=	1.3	2.1	1.5	1.1	1.3	2.4	4.5	2.2	1.8	0.9	1.7	

CCHV= 0.100 CEHV= 0.300

*SECNO 13703.000

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

13703.00	9.44	587.54	0.00	0.00	587.57	0.02	0.02	0.01	578.14
1800.	505.	387.	908.	742.	170.	1191.	343.	72.	578.14
2.00	0.68	2.28	0.76	0.060	0.035	0.060	0.036	578.10	180.00
0.000145	50.	50.	50.	2	0	0	0.00	560.00	740.00

FLOW DISTRIBUTION FOR SECNO= 13703.00 CWSEL= 587.54

STA=	180.	200.	225.	390.	405.	410.	419.	437.	447.	470.	485.	625.	740.
PER Q=	0.4	1.4	17.5	3.1	1.5	4.2	21.5	5.2	7.7	3.1	19.1	15.4	
AREA=	23.1	51.1	502.2	68.2	28.7	69.0	169.6	80.0	139.7	68.2	496.1	407.5	
VEL=	0.3	0.5	0.6	0.8	1.0	1.1	2.3	1.2	1.0	0.8	0.7	0.7	

*SECNO 15365.000

3265 DIVIDED FLOW

SECTION SAME AS 89

15365.00	9.74	587.73	0.00	0.00	587.73	0.01	0.16	0.00	579.66
1800.	712.	309.	780.	1463.	201.	1618.	446.	101.	578.78

2.70	0.49	1.53	0.48	0.060	0.035	0.060	0.036	577.98	45.57
0.000069	1662.	1662.	1662.	3	0	0	0.00	947.89	1025.28

FLOW DISTRIBUTION FOR SECNO= 15365.00 CWSEL= 587.72

STA=	46.	350.	450.	475.	520.	525.	547.	563.	692.	742.	900.	1025.	1025.
PER Q=	14.8	11.4	4.3	7.8	1.2	17.1	4.6	16.1	4.4	11.8	6.5	0.0	
AREA=	676.4	396.6	127.3	230.2	32.6	200.6	111.9	540.7	169.6	486.9	308.9	0.3	
VEL=	0.4	0.5	0.6	0.6	0.6	1.5	0.7	0.5	0.5	0.4	0.4	0.1	

*SECNO 15374.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	MV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IH2	ICONT	CORAR	TOPWID	ENDST

PROFILE LINE C 210: SOUTH OF PROPOSED SUB.

15374.00	9.91	587.71	0.00	0.00	587.73	0.02	0.00	0.00	577.80
1800.	653.	429.	718.	1039.	218.	1249.	446.	101.	577.80
2.70	0.63	1.96	0.58	0.060	0.035	0.060	0.036	577.80	41.31
0.000100	9.	9.	9.	0	0	0	0.00	731.77	773.09

FLOW DISTRIBUTION FOR SECNO= 15374.00 CWSEL= 587.71

STA=	41.	275.	325.	350.	355.	377.	432.	532.	632.	707.	773.
PER Q=	17.8	11.4	5.5	1.6	23.8	9.1	12.9	12.0	5.0	0.8	
AREA=	601.7	268.6	131.8	37.4	218.3	248.2	382.2	367.2	192.9	58.7	
VEL=	0.5	0.8	0.8	0.8	2.0	0.7	0.6	0.6	0.5	0.3	

*SECNO 15534.000
3280 CROSS SECTION 15534.00 EXTENDED 0.43 FEET

DOWNSTREAM OF SUBDIVISION

15534.00	9.74	587.74	0.00	0.00	587.75	0.01	0.01	0.00	578.00
1800.	1003.	336.	456.	1666.	214.	1281.	457.	105.	578.00
2.76	0.61	1.57	0.36	0.060	0.035	0.060	0.036	578.00	4.71
0.000066	160.	160.	160.	0	0	0	0.00	979.29	984.00

FLOW DISTRIBUTION FOR SECNO= 15534.00 CWSEL= 587.74

STA=	5.	225.	325.	341.	363.	402.	579.	652.	802.	984..
PER Q=	30.8	20.8	4.4	18.7	4.5	7.3	5.0	6.6	1.9	
AREA=	976.3	577.9	111.6	214.0	161.7	387.9	217.4	341.8	172.3	
VEL=	0.6	0.6	0.7	1.6	0.5	0.3	0.4	0.3	0.2	

*SECNO 15584.000
3280 CROSS SECTION 15584.00 EXTENDED 0.44 FEET

PROFILE LINE 3 616: SOUTH OF KING RD. SOUTH LINE OF PROP. SUB.

15584.00	9.74	587.74	0.00	0.00	587.75	0.01	0.01	0.00	578.00
1800.	1308.	335.	457.	1670.	214.	1268.	460.	106.	578.00
2.76	0.60	1.56	0.36	0.060	0.035	0.060	0.036	578.00	4.59

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0.000065      50.      50.      50.       0        0        0     0.00   979.41   984.00

FLOW DISTRIBUTION FOR SECNO=  15584.00          CWSEL=     587.74

STA=        5.      225.      325.      341.      363.      402.      579.      652.      802.      984.
  PER Q=     30.8      20.7       4.4      18.6       4.5       7.4       5.0       6.6       1.9
   AREA=    978.9     579.1     111.7     214.3     162.1     390.0     218.3     343.6     174.5
    VEL=      0.6       0.6       0.7       1.6       0.5       0.3       0.4       0.3       0.2

*SECNO 15634.000
3280 CROSS SECTION  15634.00 EXTENDED      0.44 FEET


        DUMMY SECT. 50 FT.INSIDE S. PROP.LINE REPEAT SECT.15534 W/PROP. ELEV.

 15634.00      9.74    587.74      0.00      0.00    587.75      0.01      0.00      0.00    578.00
    1800.     1007.      335.      458.     1670.      214.     1290.      464.      107.    578.00
     2.80      0.60      1.56      0.35     0.060     0.035     0.060     0.036    578.00      4.57
 0.000065       50.       50.       50.         0         0         0      0.00    979.43    984.00

FLOW DISTRIBUTION FOR SECNO=  15634.00          CWSEL=     587.74

STA=        5.      225.      325.      341.      363.      402.      579.      652.      802.      984.
  PER Q=     30.8      20.7       4.4      18.6       4.5       7.4       5.0       6.6       1.9
   AREA=    979.4     579.3     111.8     214.3     162.2     390.4     218.5     343.9     174.9
    VEL=      0.6       0.6       0.7       1.6       0.5       0.3       0.4       0.3       0.2

*SECNO 15890.000

        PROFILE LINE A 310: SOUTH OF KING RD.

 15890.00      9.46    587.76      0.00      0.00    587.77      0.01      0.02      0.00    578.30
    1800.      814.      349.      637.     1300.      208.     1411.      482.      112.    578.30
     2.89      0.63      1.68      0.45     0.060     0.035     0.060     0.036    578.30      5.63
 0.000078      256.      256.      256.         0         0         0      0.00    889.62    895.25

FLOW DISTRIBUTION FOR SECNO=  15890.00          CWSEL=     587.76

STA=        6.       75.      175.      289.      294.      316.      355.      430.      505.      555.      655.      805.      895.
  PER Q=      4.0      15.5      24.1       1.5      19.4       8.1       8.3       6.4       4.2       3.7       3.7       1.0
   AREA=    168.5     459.7     633.8      38.0     208.1     216.4     2[illegible].9     240.7     160.5     195.9     230.2      85.8
    VEL=      0.4       0.6       0.7       0.7       1.7       0.7       0.5       0.5       0.5       0.3       0.3       0.2

*SECNO 16085.000
   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        DLOSS    BANK ELEV
   Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA      LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IH2       ICONT     CORAR     TOPWID      ENDST

 16085.00     10.14    587.77      0.00      0.00    587.79      0.01      0.01      0.00    577.70
    1800.      798.      396.      606.     1340.      243.     1096.      494.      116.    577.70
     2.96      0.60      1.63      0.55     0.060     0.035     0.060     0.035    577.63    202.75
 0.000068      195.      195.      195.         0         0         0      0.00    582.59    785.34

FLOW DISTRIBUTION FOR SECNO=  16085.00          CWSEL=     587.77

STA=      203.      246.      298.      448.      480.      489.      513.      522.      698.      751.      7[illegible].      765.
  PER Q=      1.2       6.0      27.6       6.0       2.8      22.0       2.0      26.5       4.0       0.3       0.0
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AREA=	75.1	224.8	798.5	172.1	69.1	242.6	69.1	832.2	165.6	21.4	7.5
VEL=	0.3	0.5	0.6	0.6	0.7	1.6	0.7	0.6	0.4	0.3	0.1

CCHV= 0.300 CEHV= 0.500

*SECNO 16235.000

D/S OF KING RD.

16235.00	10.16	587.79	0.00	0.00	587.80	0.01	0.01	0.00	577.70
1800.	820.	356.	624.	1343.	243.	1099.	503.	118.	577.70
3.01	0.61	1.47	0.57	0.060	0.040	0.060	0.036	577.63	202.62
0.000071	150.	150.	150.	0	0	0	0.00	582.98	785.60

FLOW DISTRIBUTION FOR SECNO= 16235.00 CWSEL= 587.79

STA=	203.	246.	298.	448.	480.	489.	513.	522.	698.	751.	766.	786.
PER Q=	1.3	6.9	28.3	6.1	2.9	19.3	2.9	27.3	4.1	0.3	0.0
AREA=	75.6	225.4	800.1	172.5	69.2	242.9	69.2	834.1	166.1	21.5	7.7
VEL=	0.3	0.6	0.6	0.6	0.7	1.5	0.7	0.6	0.4	0.3	0.1

SPECIAL BRIDGE

5070,VARIABLE,ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.77	3.00	0.00	13.00	0.00	82.23	0.23	577.63	577.63

*SECNO 16285.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
600.96	587.80	0.00	1666.	124.	82.	85.	583.52	534.99

U/S OF KING RD.

16285.00	10.14	587.84	0.00	0.00	587.85	0.01	0.05	0.00	578.60
1800.	550.	340.	902.	1167.	219.	1808.	507.	119.	579.50
3.03	0.48	1.55	0.50	0.060	0.040	0.060	0.036	577.70	66.24
0.000088	50.	50.	50.	1	0	8	0.00	1171.74	1257.98

FLOW DISTRIBUTION FOR SECNO= 16285.00 CWSEL= 587.84

STA=	86.	200.	503.	511.	534.	539.	723.	810.	1258.
PER Q=	2.6	26.4	1.9	18.9	1.2	29.0	9.6	10.3	
AREA=	161.8	354.2	50.8	218.9	32.2	826.9	316.2	632.5	
VEL=	0.3	0.5	0.7	1.6	0.7	0.6	0.5	0.3	

CCHV= 0.100 CEHV= 0.300

*SECNO 16335.000

16335.00	10.14	587.84	0.00	0.00	587.86	0.02	0.01	0.00	578.60
1800.	403.	467.	930.	1166.	219.	1807.	511.	120.	579.50
3.05	0.35	2.14	0.51	0.100	0.035	0.070	0.036	577.70	86.29
0.000127	50.	50.	50.	0	0	0	0.00	1171.50	1257.79

FLOW DISTRIBUTION FOR SECNO= 16335.00 CWSEL= 587.84

STA=	86.	200.	503.	511.	534.	539.	723.	810.	1258.

FORM 1411-SB PRINTED BY ROTARY MANIFOLD FORMS
PRINTED U.S.A.

PER Q=	1.9	19.1	1.4	26.0	1.3	29.9	9.9	10.6
AREA=	161.6	953.8	50.8	218.9	32.2	826.7	316.1	632.0
VEL=	0.2	0.4	0.5	2.1	0.7	0.7	0.6	0.3

Out Put At End

of BACKWATER - Fort → King Rd

100 yr Encroached use w/FIS

FORM 1411-B PRINTED BY ROTARY MANIFOLD FORMS. PRINTED U.S.A.

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR =  01,02,03,04,05
  MODIFICATION =  50,51,52,53,54,55
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C
T1 CITY OF TRENTON  STARTING WSEL BASED ON GIBRALTER ERROR CORRECTION
T2 100 YEAR STORM(DNR FLOWS) A. RENJIFO 5/20/82 HRC 81105
T3 FRANK & POET DRAIN

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       2.        0.        0.  0.000000      0.00      0.0        0.   582.100     0.000
J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
     -1.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
J3  VARIABLE CODES FOR SUMMARY PRINTOUT
    110.000   150.000   200.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

QT      2.000  1060.000   740.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
NC       .060      .060      .035      .300      .500     0.000     0.000     0.000     0.000     0.000
          X-SECT. D/S OF VREELAND RD. FROM GIBRALTAR FIS
X1      0.000    14.000   435.000   460.000     0.000     0.000     0.000     0.000     1.430     0.000
X3      0.000     0.000     0.000   100.000     0.000   714.000     0.000     0.000     0.000     0.000
GR    580.400     0.000   580.400    60.000   578.600    80.000   576.600   100.000   574.600   130.000
GR    573.700   410.000   573.600   435.000   569.300   450.000   573.700   460.000   573.800   475.000
GR    574.600   630.000   576.600   825.000   578.600   910.000   579.000  1030.000     0.000     0.000

          X-SECT. 1 FOOT D/S OF VREELAND RD.  GLBR. SECT. 10654.
X1      1.000    24.000   410.000   432.800    32.000    32.000    32.000     0.000     0.000     0.000
X3     10.000   570.000     0.000     0.000     0.000     0.000     0.000   577.000   577.000     0.000
GR    600.000     0.000   578.800     1.000   578.100   200.000   577.300   401.000   577.300   410.000
GR    572.200   412.100   570.100   412.900   569.500   414.900   570.100   416.800   572.200   417.600
GR    572.200   420.100   570.100   420.900   569.500   422.900   570.100   424.800   572.200   425.600
GR    572.200   428.100   570.100   428.900   569.500   430.900   570.100   432.800   572.200   433.600
GR    577.300   434.000   577.300   450.000   577.400   680.000   600.000   681.000     0.000     0.000

NC       .020      .018      .012     0.000     0.000     0.000     0.000     0.000     0.000     0.000
          X-SECT. D/S FACE OF VREELAND RD.  GLBR. SECT. 10655.
X1      2.000     0.000     0.000     0.000     1.000     1.000     1.000     0.000     0.000     0.000
X3     10.000   570.000     0.000     0.000     0.000     0.000     0.000   577.000   577.000     0.000
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SB	0.000	1.960	3.000	0.000	7.900	0.000	71.270	1.000	569.500	569.500
QT	2.000	1060.000	760.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	X-SECT. U/S FACE OF VREELAND RD. GLBR. SECT. 10693.									
X1	3.000	0.000	0.000	0.000	38.000	38.000	38.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	575.000	578.700	0.000	0.000	0.000	0.000	0.000
X3	10.000	570.000	0.000	0.000	0.000	0.000	0.000	578.700	578.700	0.000
BT	20.000	1.000	580.200	578.800	200.000	579.500	578.100	401.000	578.700	577.300
BT	412.100	578.700	572.200	412.900	578.700	574.500	414.900	578.700	575.000	416.800
BT	578.700	574.500	417.600	578.700	572.200	420.100	578.700	572.200	420.900	578.700
BT	574.500	422.900	578.700	575.000	424.800	578.700	574.500	425.600	578.700	572.200
BT	428.100	578.700	572.200	428.900	578.700	574.500	430.900	578.700	575.000	432.800
BT	578.700	574.500	433.600	578.700	572.200	450.000	578.700	577.300	680.000	578.800
BT	577.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.120	.120	.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	X-SECT. 1 FOOT U/S OF VREELAND RD. GLBR. SECT. 10694.									
X1	4.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	10.000	570.000	0.000	0.000	0.000	0.000	0.000	578.700	578.700	0.000
NC	.120	.100	.040	.100	.300	0.000	0.000	0.000	0.000	0.000
NH	4.000	.120	50.000	.055	410.000	.035	432.800	.120	681.000	0.000
	BASED ON FIELD NOTES & QUAD MAP									
X1	291.000	25.000	410.000	432.800	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	570.000	0.000	0.000	0.000	0.000	0.000	577.000	577.000	0.000
GR	600.000	0.000	578.800	1.000	578.600	50.000	578.100	200.000	577.300	401.000
GR	577.300	410.000	572.200	412.100	570.100	412.900	569.500	414.900	570.100	416.800
GR	572.200	417.600	572.200	420.100	570.100	420.900	569.500	422.900	570.100	424.800
GR	572.200	425.600	572.200	428.100	570.100	428.900	569.500	430.900	570.100	432.800
GR	572.200	433.600	577.300	434.000	577.300	450.000	577.400	680.000	600.000	681.000
NC	.105	.105	.050	.100	.300	0.000	0.000	0.000	0.000	0.000
	0 SECTION SAME AS 14321 FIELD BOOK 955									
X1	1939.000	15.000	610.000	640.000	1648.000	1648.000	1648.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	275.000	576.370	415.000	576.420	515.000	576.620	595.000
GR	576.250	610.000	571.300	613.000	571.270	625.000	571.300	637.000	575.640	640.000
GR	575.840	702.000	576.670	759.000	578.370	837.000	580.000	850.000	585.000	1000.000
NC	.130	.130	.070	.100	.300	0.000	0.000	0.000	0.000	0.000
	0 SECTION SAME AS 13601									
X1	2659.000	25.000	883.000	922.000	720.000	720.000	720.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	707.000	584.200	1093.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	584.500	75.000	592.500	76.000	592.500	99.000	584.500	100.000
GR	584.500	200.000	592.500	201.000	592.500	224.000	584.500	225.000	580.000	400.000
GR	579.470	678.000	575.920	720.000	576.020	738.000	576.220	843.000	577.820	858.000
GR	576.220	883.000	574.070	888.000	573.420	900.000	574.620	912.000	575.720	915.000
GR	576.420	922.000	576.070	1042.000	576.120	1112.000	580.000	1150.000	585.000	1250.000
NC	.105	.145	.060	.100	.300	0.000	0.000	0.000	0.000	0.000

	0 BASED ON FIELD NOTES : QUAD MAP									
X1	3189.000	12.000	683.000	719.000	530.000	530.000	530.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	639.000	584.200	761.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	325.000	575.200	490.000	575.500	650.000	576.000	683.000
GR	574.000	688.000	573.500	700.000	574.000	714.000	576.000	719.000	578.000	810.000
GR	580.900	985.000	584.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.055	.140	.060	.300	.500	0.000	0.000	0.000	0.000	0.000
	0 D/S FACE PENN CENTRAL									
X1	3389.000	12.000	733.000	769.000	160.000	200.000	200.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	739.000	584.200	761.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	200.000	577.200	491.000	576.000	611.000	576.820	733.000
GR	575.050	738.000	574.950	750.000	575.050	764.000	580.770	769.000	580.900	991.000
GR	580.000	1500.000	585.000	1700.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.080	.080	.060	.300	.500	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.480	3.000	1600.000	21.000	0.000	115.000	0.000	0.000	0.000
QT	2.000	1120.000	785.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0 U/S FACE PENN CENTRAL									
X1	3403.000	10.000	785.000	825.000	14.000	14.000	14.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	580.450	584.200	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	789.000	584.200	811.000	584.200	0.000	0.000	0.000
BT	5.000	0.000	584.200	584.200	785.000	584.200	583.520	791.000	584.200	580.450
BT	812.000	584.200	580.450	1600.000	584.200	584.200	0.000	0.000	0.000	0.000
GR	584.200	0.000	582.000	510.000	583.520	785.000	575.050	791.000	574.950	800.000
GR	575.050	812.000	578.570	815.000	580.000	825.000	580.100	1110.000	584.200	1600.000
NC	.130	.035	.055	.100	.300	0.000	0.000	0.000	0.000	0.000
	0 BASED ON FIELD NOTES : QUAD MAP									
X1	3443.000	14.000	664.000	735.000	40.000	40.000	40.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	649.000	584.200	751.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	576.200	404.000	576.200	494.000	576.200	664.000
GR	573.000	670.000	572.500	700.000	573.000	730.000	577.200	735.000	577.200	814.000
GR	577.100	924.000	576.900	1064.000	580.000	1075.000	585.000	1400.000	0.000	0.000
	0 ABANDONED ABUTMENT BY PENN CENTRAL									
X1	3483.000	14.000	640.000	660.000	40.000	40.000	40.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	559.000	584.200	741.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	581.700	310.000	581.900	640.000	573.000	642.000
GR	572.500	650.000	573.000	658.000	581.900	660.000	582.400	690.000	581.600	770.000
GR	581.500	880.000	581.900	940.000	580.000	1100.000	585.000	1300.000	0.000	0.000
	0 SECTION SAME AS 12739									
X1	3521.000	17.000	589.000	619.000	38.000	38.000	38.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	471.000	584.200	729.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	100.000	581.720	266.000	581.670	406.000	581.920	551.000
GR	581.820	589.000	574.720	591.000	572.120	600.000	572.020	609.000	580.420	611.000
GR	582.120	619.000	582.170	629.000	581.170	669.000	581.020	724.000	582.220	869.000
GR	582.170	919.000	585.000	1200.000	0.000	0.000	0.000	0.000	0.000	0.000

TABLE 1 - CROSS SECTION LOCATION
CITY OF TRENTON
FRANK & POET DRAIN

CROSS SECTION	COMPUTER NO.	WTA FIELD BOOK NO.	DESCRIPTION
A	0		Valley Section
B	200	160 + 40	D/S Face Vreeland & Vreeland Road
C	241		U/S Face Vreeland
D	291		Valley Section
E	1939	143 + 21	Footbridge
F	2569	136 + 01	Valley Section
G	3189		Valley Section
H	3389	128 + 64	D/S Face of Bridge & Penn Cent. R.R.
I	3403		U/S Face of Bridge
J	3443		Valley Section
K	3483		Abandoned Abutment
L	3521	127 + 39	Valley Section
M	4266	119 + 94	Valley Section
N	4617		Valley Section
O	4797	114 + 38	D/S Face of Bridge & (NB) Fort
P	4848		U/S Face of Bridge
Q	4919		Valley Section
R	4990	112 + 45.5	D/S Face of Bridge & (SB) Fort
S	5041		U/S Face of Bridge
T	5141		Valley Section
U	5261		Valley Section
V	5525		Valley Section
W	5649	105 + 95	D/S Face of Bridge & Van Horn
X	5681		U/S Face of Bridge
Y	5800		Valley Section
Z	5938		D/S End 87" X 136" Culvert
AA	6022		U/S End 87" X 136" Culvert
AB	6100		Valley Section
AC	6270	99 + 84	D/S Face Bridge & D.T.&I. R.R. Bridge
AD	6282		U/S Face of Bridge
AE	6332		Valley Section
AF	6928	93 + 32	Valley Section

CROSS SECTION	COMPUTER NO.	WTA FIELD BOOK NO.	DESCRIPTION
AG	7992		Valley Section
AH	8164	81 + 28	D/S Face of Bridge & Marian Dr. Bridge
AI	8220		U/S Face of Bridge
AJ	8270		Valley Section
AK	9426	68 + 34	Valley Section
AL	10844		Valley Section
AM	10994	52 + 24	D/S Face of Bridge & West Road Bridge
AN	11078		U/S Face of Bridge
AO	11148		Valley Section
AP	12405	38 + 55	& of Footbridge
AQ	13397		Valley Section
AR	13597	26 + 35.5	D/S Face of Bridge & Harrison Road Bridge
AS	13653		U/S Face of Bridge
AT	13703		Valley Section
AU	15365	8 + 95	Valley Section
AV	16085		Valley Section
AW	16235	0 + 00	D/S Face of Bridge & King Road
AX	16285		U/S Face of Bridge
AY	16335		Valley Section
BYPASS			
Y	1		Valley Section same as No. 5800
AZ	2		at Van Horn Road East of Drain
BA	3		Valley Section Between Fort St. NB and Fort St. SB
BB	4		Section at Fort St. NB
N	5		Valley Section same as No. 4617

A. Method of Analysis

The HEC-2 computer backwater program was used in developing water surface profiles (Reference 5).

Table 2 contains selected flood elevations from the HEC-2 printouts. HEC-2 printouts are presented as Exhibit 3. Computer cross section plots were not done as part of the revised computer runs since the revisions did not change the water surface elevations appreciably from the original output. (Exhibit 3 is contained in the 11" x 15" folder enclosed with this report.) Water surface profiles resulting from the backwater analyses are presented as Exhibit 4.

B. Variables and Coefficients

Roughness coefficients (Mannings "n") were estimated by field inspection at each cross section. Typical roughness values for the main channel of the Frank & Poet Drain range from 0.035 to 0.04; roughness values for the overbank areas varied between 0.05 to 0.12 for all floods. These values are indicative of summer month conditions and are consistent with roughness values recommended and used in engineering practice.

C. High Water Marks

No documented high water data exists for flood elevations on the Frank & Poet Drain within the City.

TABLE 2

CITY OF TRENTON

FRANK & POET DRAIN FLOOD ELEVATIONS*

LOCATION		SELECTED FREQUENCIES 10 Yr.	50 Yr.	100 Yr.	500 Yr.
u/s Vreeland Road		Q = 1,250 cfs	Q = 1,700 cfs	Q = 1,840 cfs	Q = 2,260 cfs
m (0.07)					
	Elev.	581.6	582.4	582.7	583.7
u/s Penn Central R.R.		Q = 1,240 cfs	Q = 1,680 cfs	Q = 1,820 cfs	Q = 2,230 cfs
m (0.5)					
	Elev.	584.4	584.5	584.6	584.7
u/s D.T.&I. R.R.		Q = 1,240 cfs	Q = 1,680 cfs	Q = 1,820 cfs	Q = 2,230 cfs
m (1.0)					
	Elev.	584.6	585.0	585.1	585.4
d/s King Road		Q = 1,220 cfs	Q = 1,660 cfs	Q = 1,800 cfs	Q = 2,200 cfs
m (3.0)					
	Elev.	586.3	587.0	587.2	587.7

*NGVD

Rec 2-26-79
See 2-23-79 letter

D. Starting Conditions

Starting water surface elevations used in all backwater computations were identical with water surface elevations at Vreeland Road as determined in the FIS for the City of Gibraltar.
J&A Study 581.29 (IGCO) + 1.43' = 582.72 NGVD

E. Special Problems

It was determined that a split in flow occurs in the vicinity of the Van Horn Road and Fort Street intersection (see Exhibit 1). Consequently, a split flow analysis was performed assuming that all flows were maintained within the channel section at cross-sections N & Y. Cross section AZ, BA, and BB were used to describe the bypass analysis.

F. General

Computed water-surface elevations were developed to an accuracy of 0.5 foot for floods of the selected recurrence intervals.

All elevations are referenced to the U.S. Geological Survey (USGS) National Geodetic Vertical Datum of 1929 (NGVD).

The hydraulic analyses for this study are based only on the effects of flow unobstructed by ice or debris. The flood elevations are considered valid only if hydraulic structures, in general, remain unobstructed and do not fail.

III. TRENTON SHORELINE (COASTAL)

The length of shoreline studied as part of this study is shown on Exhibit 5. Coastal studies have been performed on the Detroit River as part of an unpublished study on Lake Erie and the Detroit River levels (Reference 6) compiled by a consulting engineer as part of the Flood Insurance Studies (FIS) they conducted for the City of Ecorse (Reference 7) and the City of River Rouge (Reference 8) as well as other communities adjacent to Lake St. Clair, Lake Erie and the Detroit River. Another data source for the Detroit River levels was the report on the Great Lakes Open Flood Levels prepared by the Corps of Engineers (Reference 9). The analyses reported herein reflect the still water elevations due to tidal and wind set up effects, but do not include the contributions from wave action effect such as the wave crest height and wave run-up. The water surface elevations from the previously mentioned unpublished study on Lake Erie and the Detroit River levels are considered applicable and were used for Trenton.

A summary of water surface elevations for the Trenton shoreline is presented in Table 3.

TABLE 3

CITY OF TRENTON

DETROIT RIVER WATER SURFACE ELEVATIONS*

LOCATION	FREQUENCY 10 Yr.	50 Yr.	100 Yr.	500 Yr.
Vreeland Road (South End of City) M (32.5)	576.2	577.1	577.4	578.1
Sibley Road (North End of City) M (36.3)	576.4	577.3	577.6	578.3

OK check within .1 of J&A's Detroit R. profile

*NGVD ?

REFERENCES

1. U.S. Geological Survey Topographical Maps - Wyandotte Quadrangle, Wayne County, Michigan, 7.5 Minute Series - Photo Revised 1973.

2. U.S. Geological Survey Topographical Maps - Rockwood Quadrangle, Wayne County, Michigan, 7.5 Minute Series - Photo Revised 1973.

3. U.S. Department of Housing and Urban Development, Flood Insurance Study - City of Southgate, Michigan - May 1977.

4. U.S. Department of Housing and Urban Developments, Flood Insurance Study - City of Gibraltar, Michigan - October 1977.

5. HEC-2 - Water Surface Profile - Users Manual - U.S. Army Corps of Engineers - 1976.

6. Johnson & Anderson Inc., Consulting Engineers, Unpublished Report - Detroit River Profile, December, 1977.

7. U.S. Department of Housing & Urban Development, Federal Insurance Administration, Flood Insurance Study, City of Ecorse, Wayne County, Michigan, February 1977.

8. U.S. Department of Housing & Urban Development, Federal Insurance Administration, Flood Insurance Study, City of River Rouge, Wayne County, Michigan, 1977.

9. U.S. Army Corps of Engineers, Detroit District, for Federal Insurance Administration, Department of Housing and Urban Development, Report on Great Lakes Open - Coast Flood Levels, February, 1977.

CITY OF TRENTON, MICHIGAN

FRANK & POET DRAIN

EXHIBIT 1

Field Cross-Section Location
and 100 Year Flood Plain-
Floodway Map

CITY OF TRENTON, MICHIGAN

FRANK & POET DRAIN

EXHIBIT 2

Bridge Notes and Sketches

Bridge Location: D.T.&I R.R. BRIDGE (6282)
Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient): (Row of single beams) 1.25 — HEC-2 manual

XKOR (Loss Coefficient) = 1.0 + Σk, $\Sigma k = k_f + k_e + k_p$

where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge:

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = $= \frac{326}{}$ WP = 45' + 5.6 + 7.3 + 34 + 18.8 + 1.8 = 112.5

$R = A/wp = \frac{326}{112.5} = 2.90$ $R^{4/3} = 4.12$ $L = 12'$

n (composite) = (45+34)(.04) + (34+18.8)(0.07) + (7.3+1.8)(.02) / 112.5 = 0.063

$K_f = 29.1 \times (0.063)^2 \times 12 / 4.12 = 0.34$

K_e = Side or slope - tapered inlet = 0.2 — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers

~~$J = \frac{A_p = \text{Pier area}}{A_{bw} = \text{water X-section area}} = K_p = 0.05$~~ — Hydraulics of Bridge Waterways Bureau of Public Roads 1960. pg. 10

~~M = Bridge opening ratio =~~

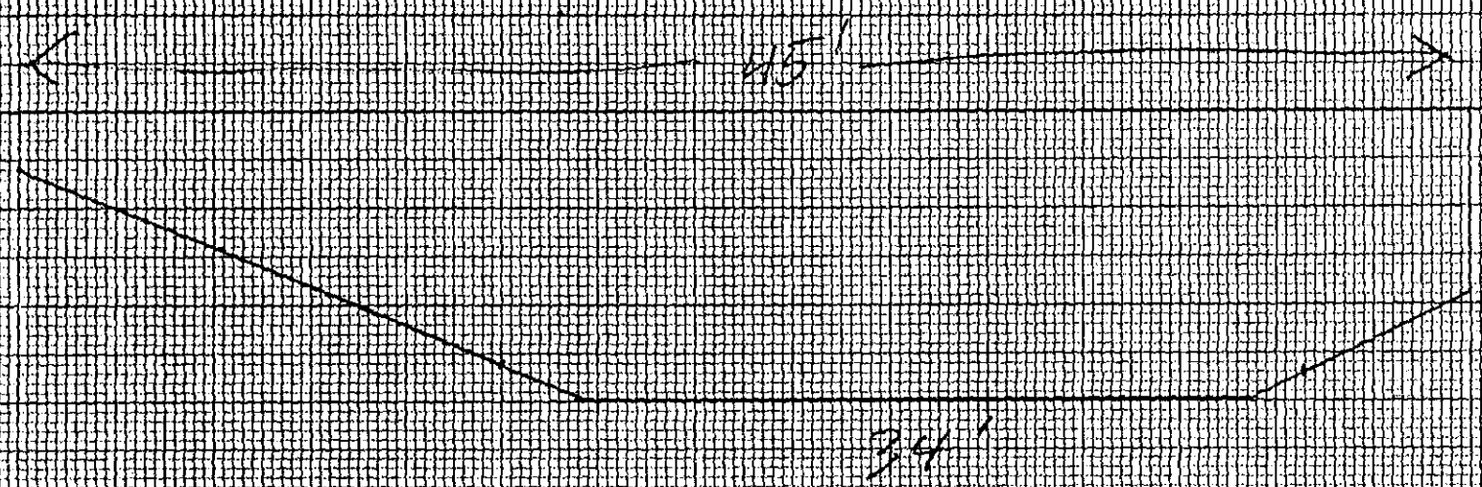
~~$K_p = \Delta K$ o =~~ — " Fig. 7 pg 10

2. XKOR = 1 + 0.34 + 0.2 + 0.05 = 1.59
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 825.0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 28.7
6. BWP = total width of obstruction = 1.5 — field data
7. BAREA = bridge opening inc. piers = 326.0
8. SS = side slope = 0.92 (horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 0 (0 if equal to minimum elevation in previous X-sect.)
10. ELCHD = Elevation of channel invert D/S side = 0 (0 if equal to minimum elevation in previous x-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner • Project • Suffix
CITY OF TRENTON	DATE	DATE	___ OF ___	HUD • 2011 • 07

K+E 10 X 10 TO ½ INCH 7 X 10 INCHES KEUFFEL & ESSER CO. MADE IN U.S.A. 46 1320

3



R.R. Bridge
9+84

1 sq. in = 36 sq. ft.

9.06 sq. in. graph → 326 sq. ft. bridge

8.85' Deep $326 = 8.85 \times \frac{45}{}$ (28.7)

8.85
8.15

USED TO Determine
Area of bridge opening

Bridge Location : Foot Bridge (12,405)

Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient): 1.25 — HEC-2 manual

XKOR (Loss Coefficient) = 1.0 + Σk, $\Sigma k = k_f + k_e + k_p$

where k_f = friction loss coefficient

k_e = entrance loss coefficient

k_p = loss from intermediate piers

Description of Bridge : 3 72" Conc. Culverts

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area $= \pi R^2 = \pi(3)^2 = 28.27$ s.f. WP $= 2\pi r = 18.85$

$R = A/wp$ $\frac{28.27}{18.85} = 1.50$ $R^{4/3} = 1.71$ $L = 14'$

n (composite) $= 0.013$

$K_f = 29.1 \times (0.013)^2 \times 14' / 1.71 = 0.04$

K_e = Projecting from fill, socket end = 0.2 — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers

$\frac{A_p = \text{Pier area}}{A_n = \text{water x-section area}} = K_p = 0.05$ — Hydraulics of Bridge Waterways Bureau of Public Roads D60. pg. 10

M = Bridge opening ratio =

K_p / ΔK σ = — " Fig. 7 pg 10

2. XKOR = 1 + 0.04 + 0.2 + 0.05 = ~~1.29~~ use 1.5
3. COFQ = Coefficient of discharge = 2.5 — HEC-2 manual
4. RDLEN = Length of weir = 0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 20.6
6. BWP = total width of obstruction = 6.47 — field data
7. BAREA = bridge opening inc. piers = 84.8
8. SS = side slope = 0 (horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 0 (0 if equal to minimum elevation in previous x-sect.)
10. ELCHD = Elevation of channel invert D/S side = 0 (0 if equal to minimum elevation in previous x-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner • Project • Suffix
	DATE	DATE	___ OF ___	

Jade, Trim & Associates, P.C.
Civil Engineers • Land Surveyors
WORK SHEET
25185 GODDARD ROAD
TAYLOR, MICHIGAN 48180

Bridge Location : N. Bound Fort St.

Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient) = NO PIERS 0 — HEC-2 Manual

XKOR (Loss Coefficient) = $1.0 + \Sigma k$, $\Sigma k = k_f + k_e + k_p$

where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge:

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = h x w = 7.4' x 51' = 377.4 S.F. Wp = 2(h+w) = 2(7.4 + 51) = 116.8'

$R = A/wp = \frac{377.4}{116.8} = 3.23$ $R^{4/3} = 4.76$ $L = 47'$

n (composite) = 51(0.035) + 14.8(0.013) + 51(0.03)/116.8 = 0.030

$K_f = 29.1 \times (0.030)^2 \times 47' / 4.76 = 0.26$

K_e = Headwall parallel to embankment, Square-edged on 3 edges = 0.5 — graphs from DNR per letter dated

$K_p = 0$ if bridge has no intermediate piers — Hydraulics of Bridge Waterways Bureau of Public Roads D60. pg. 10

$J = \frac{A_p = \text{Pier area}}{A_{n2} = \text{water x-section area}} =$

M = Bridge opening ratio =

$K_p = \Delta K \sigma = 0$ — Fig. 7 pg. 10

2. XKOR = 1 + 0.26 + 0.5 + 0 = 1.76
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 51'
6. BWP = total width of obstruction = 0 — field data
7. BAREA = bridge opening inc. piers = 377.4
8. SS = side slope = 0 (horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 572.46 (0 if equal to minimum elevation in previous x-sect.)
10. ELCHD = Elevation of channel invert D/S side = 572.46 (0 if equal to minimum elevation in previous x-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner Project Suffix
CITY OF TRENTON	DATE	DATE	___ OF ___	HUD • 2011 • 07

Bridge Location : S. Bound Fort St.

REFERENCE

Bridge Losses - SB Card

1. XK (Pier Shape Coefficient) : No Piers 0.0 — HEC-2 manual

XKOR (Loss Coefficient) = 1.0 + Σk, $\Sigma k = k_f + k_e + k_p$

where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge :

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = h x w = 51 x 10.15 = 517.65 S.F. Wp = 2(51 + 10.15) = 122.3'

$R = A/wp = \frac{517.65}{122.3} = 4.23$ $R^{4/3} = 6.81$ $L = 47'$

n (composite) = same as N.B. Fort St. = 0.030

$K_f = 29.1 \times (0.03)^2 \times 47' / 6.81 = 0.18$

K_e = Headwall parallel to embankment, Sq. edged on 3 edges = 0.5 — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers

$J = \frac{Ap = \text{Pier area}}{An = \text{water X-section area}}$ = — Hydraulics of Bridge Waterways Bureau of Public Roads 1960. pg. 10

M = Bridge opening ratio =

$K_p = \Delta K \sigma = 0$ — " Fig. 7 pg. 10

2. XKOR = 1 + 0.18 + 0.5 + 0 = 1.68
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 0.0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 51'
6. BWP = total width of obstruction = 0 — field data
7. BAREA = bridge opening inc. piers = 517.65 S.F.
8. SS = side slope = 0 (horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 572.1 (0 if equal to minimum elevation in previous X-sect.)
10. ELCHD = Elevation of channel invert D/S side = 572.1 (0 if equal to minimum elevation in previous X-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner · Project · Suffix
CITY OF TRENTON	DATE	DATE	___ OF ___	HWD · 2011 · 07

Bridge Location : HARRISON ROAD (13,567)
Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient): No piers = 0 — HEC-2 Manual
XKOR (Loss Coefficient) = 1.0 + Σk, $\Sigma k = k_f + k_e + k_p$
where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge:

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = 55 x 6.9 = 379.5 WP = 2(55+6.9) = 123.8'

$R = A/wp = \frac{379.5}{123.8} = 3.07$ $R^{4/3} = 4.46$ L = 56'

n (composite) = $[(55\times2)(.035) + (6.9\times2)(0.013)] / 123.8 = 0.033$

$K_f = 29.1 \times (0.033)^2 \times 56 / 4.46 = 0.40$

K_e = Wing walls at 30° to 75° = 0.2 rounded — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers — Hydraulics of Bridge Waterways Bureau of Public Roads P60. pg. 10

$J = \frac{A_p = \text{Pier area}}{\text{Ann. water X-section area}}$ =

M = Bridge opening ratio =

$K_p = \Delta K \sigma = 0$ — " Fig. 7 pg 10

2. XKOR = 1 + 0.40 + 0.2 + 0 = 1.6
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 55.0'
6. BWP = total width of obstruction = 0 — field data
7. BAREA = bridge opening inc. piers = 379.5
8. SS = side slope = 0
(horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 0
(0 if equal to minimum elevation in previous X-sect.)
10. ELCHD = Elevation of channel invert D/S side = 0
(0 if equal to minimum elevation in previous X-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner • Project • Suffix
	DATE	DATE	___ OF ___	

Bridge Location: KING ROAD (16,235)
Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient): No piers 0 — HEC-2 manual

XKOR (Loss Coefficient) = $1.0 + \Sigma k$, $\Sigma k = k_f + k_e + k_p$

where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge:

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = = 82.23 Wp = 40.1

$R = A/wp = \frac{82.23}{40.1} = 2.05$ $R^{4/3} = 2.60$ $L = 50'$

n (composite) = .713(.04) + .287(.013) = 0.032

$K_f = 29.1 \times (0.032)^2 \times 50 / 2.60 = 0.57$

K_e = Side or slope - tapered inlet = 0.2 — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers — Hydraulics of Bridge Waterways Bureau of Public Roads P160. pg. 10

~~$J = \frac{A_p = \text{Pier area}}{A_{oz} = \text{water X-section area}} =$~~

~~M = Bridge opening ratio =~~

~~$K_p = \Delta K = 0$~~ " Fig. 7 pg 10

2. XKOR = 1 + 0.57 + 0.2 + 0 = 1.77
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 0. (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 13.0
6. BWP = total width of obstruction = 0 — field data
7. BAREA = bridge opening inc. piers = 82.23
8. SS = side slope = 0.23
   (horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 0
   (0 if equal to minimum elevation in previous X-sect.)
10. ELCHD = Elevation of channel invert D/S side = 0
    (0 if equal to minimum elevation in previous X-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner • Project • Suffix
	DATE	DATE	___ OF ___	

Bridge Location : MARIAN Dr. (8164)
Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient): No Piers 0 — HEC-2 Manual

XKOR (Loss Coefficient) = 1.0 + Σk , Σk = $k_f + k_e + k_p$

where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge:

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = h x w: 52 x 7.88 = 409.76 Wp = 2(52+7.88) = 119.76

$R = A/wp = \frac{409.76}{119.76} = 3.42$ $R^{4/3} = 5.13$ L = 56'

n (composite) $= [(52)2(0.035) + 7.88(2)(.013)] / 119.76 = 0.032$

$K_f = 29.1 \times (0.032)^2 \times 56 / 5.13 = 0.33$

K_e = Side or slope tapered inlet 0.2 — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers — Hydraulics of Bridge Waterways Bureau of Public Roads P260. pg. 10

$J = \frac{A_p = \text{Pier area}}{A_{wc} = \text{water x-section area}} =$

M = Bridge opening ratio =

K_p ΔK σ = — Fig. 7 pg 10

2. XKOR = 1 + 0.33 + .2 + 0 = 1.53
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 52.'
6. BWP = total width of obstruction = 0 — field data
7. BAREA = bridge opening inc. piers = 409.76
8. SS = side slope = 0
   (horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 0
   (0 if equal to minimum elevation in previous x-sect.)
10. ELCHD = Elevation of channel invert D/S side = 0
    (0 if equal to minimum elevation in previous x-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner Project Suffix
CITY OF TRENTON	DATE	DATE	___ OF ___	HUD • 2011 • 07

Bridge Location : PENN CENTRAL R.R. (SECT. 3403)

Bridge Losses - SB Card

REFERENCE

XK (Pier Shape Coefficient) = NO PIERS 0.0 — HEC-2 manual

XKOR (Loss Coefficient) = $1.0 + \Sigma k$, $\Sigma k = k_f + k_e + k_p$

where k_f = friction loss coefficient

k_e = entrance loss coefficient

k_p = loss from intermediate piers

Description of Bridge :

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = w x h = 17' x 5.5' = 93.50 S.F. Wp = 2(w+h) = 2(17+5.5) = 45.0'

$R = A/wp = \frac{93.5}{45.0} = 2.08'$ $R^{4/3} = 2.65$ $L = 14'$

n (composite) = 17(.04) + 11(0.02) + 17(.030)/45 = 0.031

$K_f = 29.1 \times (0.031)^2 \times 14' / 2.65 = 0.15$

K_e = = 0.5 — ~~graphs from DNO paper letter dated~~ Hydraulics of Bridge Waterways Bureau of Public Roads 1960. pg. 10

K_p = 0 if bridge has no intermediate piers

$J = \frac{Ap = \text{Pier area}}{An = \text{water X-section area}}$ = — " Fig. 7 pg. 10

M = Bridge opening ratio =

Kp / ΔK σ = 0

XKOR = 1 + 0.15 + 0.5 + 0 = 1.65

COFQ = Coefficient of discharge = 3.0 — HEC-2 manual

RDLEN = Length of weir = 1600' (0 if read off BT cards)

BWC = bottom width of bridge opening (inc. piers) = 17.0'

BWP = total width of obstruction = 0 — field data

BAREA = bridge opening inc. piers = 93.5 SF.

SS = side slope = 0 (horizontal per 1 vertical unit)

ELCHU = Elevation of channel invert U/S side = 574.95 (0 if equal to minimum elevation in previous X-sect.)

ELCHD = Elevation of channel invert D/S side = 574.95 (0 if equal to minimum elevation in previous X-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner Project	Suffix
CITY OF TRENTON					

Bridge Location: 87" x 136" Twin Conc. Culvert (6022)
Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient): 1.25 — HEC-2 Manual

XKOR (Loss Coefficient) = 1.0 + Σk, $\Sigma k = k_f + k_e + k_p$

where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge: Twin 87" x 136" Conc. Culverts

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = = 66.4 S.F. Wp = 37.09

R = A/wp = 2.17 ... $R^{4/3}$ = 2.80 L = 84'

n (composite) = 0.013

$K_f = 29.1 \times (.013)^2 \times 84' / 2.80 = 0.15$

K_e = Projecting from fill, socket end = 0.2 — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers

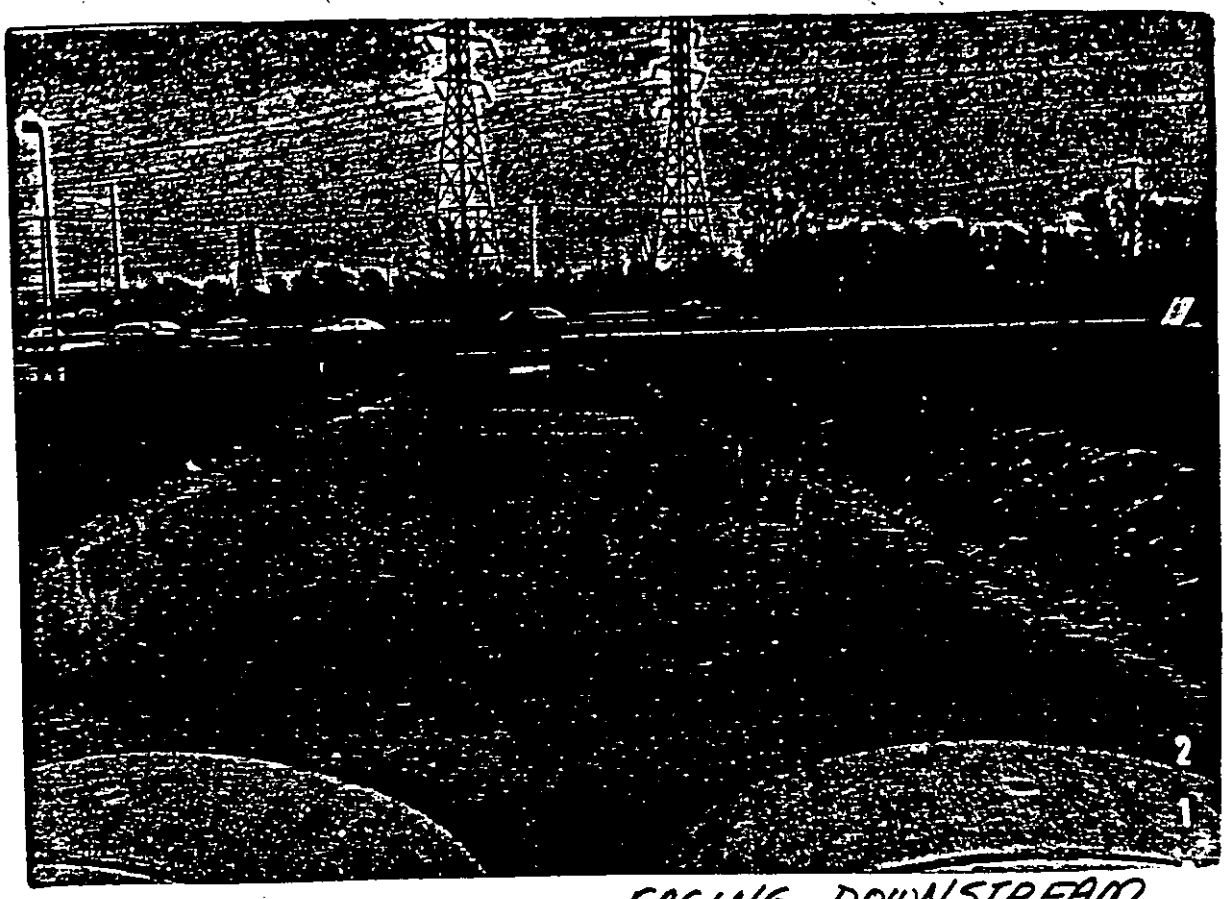
$J = \frac{A_p = \text{Pier area}}{\text{Ann. water x-section area}}$ = ... $K_p = 0.05$ — Hydraulics of Bridge Waterways Bureau of Public Roads P160., pg. 10

M = Bridge opening ratio = ,,

$K_p = \Delta K$ o = — Fig. 7 pg. 10

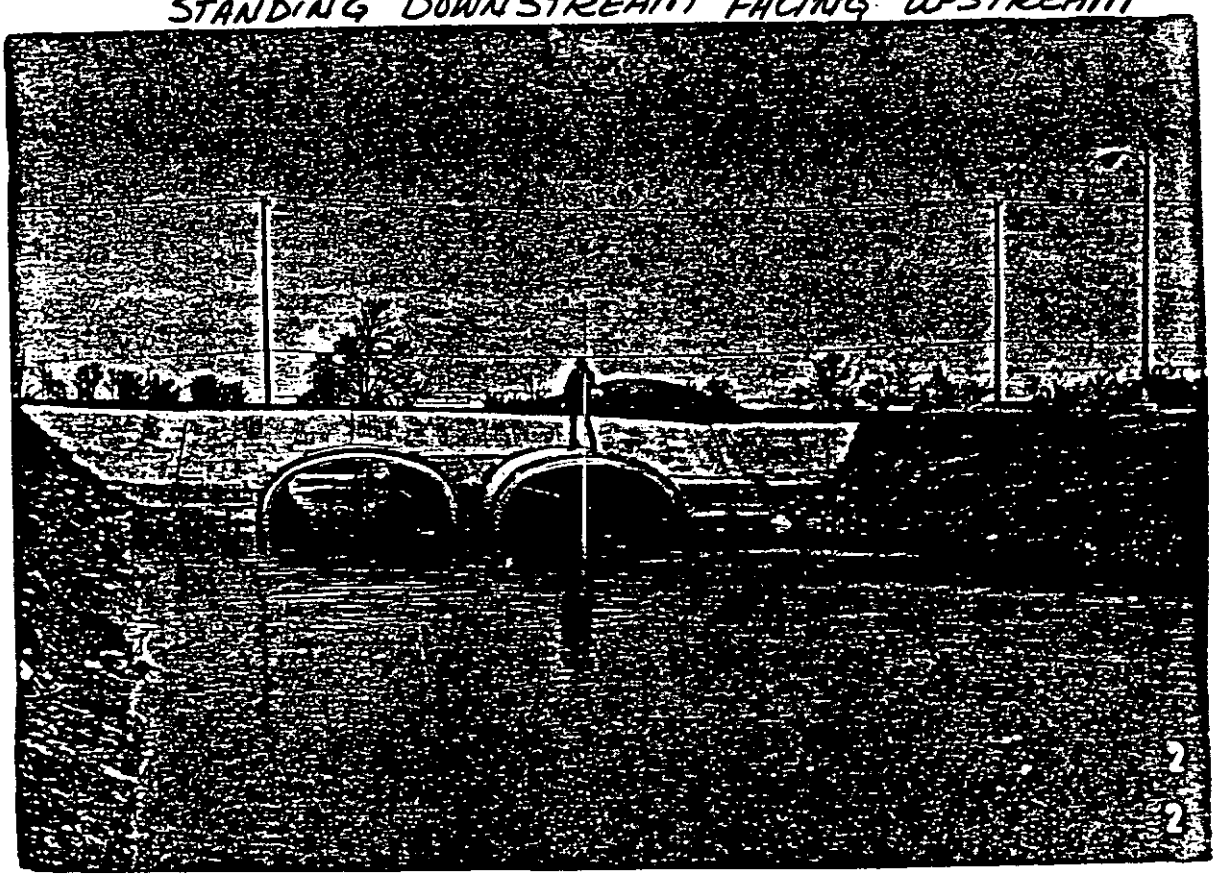
2. XKOR = 1 + 0.15 + 0.2 + 0.05 = ~~1.39~~ use 1.5
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 21.32
6. BWP = total width of obstruction = 3.0 — field data
7. BAREA = bridge opening inc. piers = 132.8
8. SS = side slope = 0
   (horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 572.05
   (0 if equal to minimum elevation in previous x-sect.)
10. ELCHD = Elevation of channel invert D/S side = 571.94
    (0 if equal to minimum elevation in previous x-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner · Project · Suffix
CITY OF TRENTON	DATE	DATE	___ OF ___	HUD · 9011 · 07



FACING DOWNSTREAM

STANDING DOWNSTREAM FACING UPSTREAM



87" x 136" CULVERTS

Bridge Location : Van Horn Road
Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient) : No Piers 0 — HEC-2 manual
XKOR (Loss Coefficient) = 1.0 + Σk, $\Sigma k = k_f + k_e + k_p$
where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge :

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area = h x w = 6.26' x 18' = 112.68 S.F. Wp = 2(6.26+18) = 48.52'

$R = A/wp = \frac{112.68}{48.52} = 2.32$ $R^{4/3} = 3.06$ $L = 32'$

n (composite) = 18(0.035) + 6.26(2)(.013) + 18(0.035) / 48.52 = 0.029

$K_f = 29.1 \times (0.029)^2 \times 32' / 3.06 = 0.26$

K_e = Wingwalls at 30° to 75° to barrel
Square edged at crown = 0.4 — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers

$J = \frac{A_p = \text{Pier area}}{A_{n+1} = \text{water x-section area}}$ = — Hydraulics of Bridge Waterways Bureau of Public Roads 1960. pg. 10

M = Bridge opening ratio =

$K_p = \Delta K$ σ = 0 — " Fig. 7 pg. 10

2. XKOR = 1 + 0.26 + 0.4 + 0 = 1.66
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 18'
6. BWP = total width of obstruction = 0.0 — field data
7. BAREA = bridge opening inc. piers = 112.68 S.F.
8. SS = side slope = 0
(horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 571.61
(0 if equal to minimum elevation in previous x-sect.)
10. ELCHD = Elevation of channel invert D/S side = 571.61
(0 if equal to minimum elevation in previous x-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner Project Suffix
CITY OF TRENTON	DATE	DATE	___ OF ___	HUD • 2011 • 07

Bridge Location: Vreeland Road

Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient) = 1.25 — HEC-2 Manual

XKOR (Loss Coefficient) = $1.0 + \Sigma k$, $\Sigma k = k_f + k_e + k_p$

where k_f = friction loss coefficient

k_e = entrance loss coefficient

k_p = loss from intermediate piers

Description of Bridge: 3 CMP Culverts (5.5' Dia.)

$K_f = 29.1\, n^2 L / R^{4/3}$ for English units

Area $= \pi r^2 = \pi(2.75)^2 = 23.76$ SF. $Wp = 2\pi r = \pi(5.5) = 17.28'$

$R = A/wp = 23.76/17.28 = 1.375$ $R^{4/3} = 1.53$ $L = 41'$

n (composite) $= 0.022$

$K_f = 29.1 \times (0.022)^2 \times 41 \;/\; 1.53 = 0.38$

K_e = 0.5 (Headwall or headwall and wingwalls, sq. edge)

Hydraulic Charts for Selection of Highway Culverts Circular No. 5 Dec. 1965

K_p = 0 if bridge has no intermediate piers

$J = \frac{Ap = \text{Pier area}}{An = \text{water X-section area}}$ = K_p = 0.05 for bridge with pier

M = Bridge opening ratio =

K_p = ΔK =

HEC-2 manual

" Fig. 7 pg. 10

2. XKOR = 1 + 0.38 + 0.5 + 0.05 = 1.93

3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual

4. RDLEN = Length of weir = 0 (0 if read off BT cards)

5. BWC = bottom width of bridge opening (inc. piers) = 21.5'

6. BWP = total width of obstruction = 8.0' — field data

7. BAREA = bridge opening inc. piers = 21.5' x 5.5' = 118.25 S.F.

8. SS = side slope = 0 (horizontal per 1 vertical unit)

9. ELCHU = Elevation of channel invert U/S side = 570.1 (0 if equal to minimum elevation in previous X-sect.)

10. ELCHD = Elevation of channel invert D/S side = 570.1 (0 if equal to minimum elevation in previous X-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner Project Suffix
CITY OF TRENTON	DATE	DATE	OF	HWD·9011·07

FORM 25-0
(313) 291-5400

Wade, Trim & Associates, Inc.
Civil Engineers • Land Surveyors
WORK SHEET

25185 GODDARD ROAD
TAYLOR, MICHIGAN 48180

Bridge Location: WEST RD. (10,994)
Bridge Losses - SB Card

REFERENCE

1. XK (Pier Shape Coefficient): row of columns 1.05 — HEC-2 manual
XKOR (Loss Coefficient) = 1.0 + Σk, $\Sigma k = k_f + k_e + k_p$
where k_f = friction loss coefficient
k_e = entrance loss coefficient
k_p = loss from intermediate piers

Description of Bridge:
$K_f = 29.1 n^2 L / R^{4/3}$ for English units
Area = = 585.2 W_p = 87+2+10+4+59+2+13+2 = 179
$R = A/w_p = \frac{585.2}{179} = 3.27$ $R^{4/3} = 4.83$ $L = 84'$
n (composite) = (87+59)(0.04) + 29(0.06) + 4(0.013) / 179 = 0.043
$K_f = 29.1 \times (.043)^2 \times 84' / 4.83 = 0.94$

K_e = side or slope tapered inlet = 0.2 — graphs from DNR per letter dated

K_p = 0 if bridge has no intermediate piers — Hydraulics of Bridge Waterways Bureau of Public Roads 1960, pg. 10

~~J = $\frac{A_p = \text{Pier area}}{A_{n2} = \text{water X-section area}}$ = K_p = 0.05~~

~~M = Bridge opening ratio =~~

~~$K_p = \Delta K \sigma$ =~~ — Fig. 7 pg 10

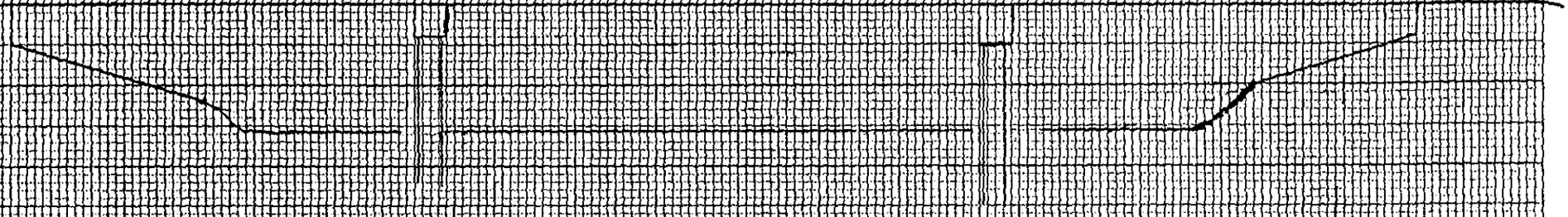
2. XKOR = 1 + 0.94 + 0.2 + 0.05 = 2.19
3. COFQ = Coefficient of discharge = 3.0 — HEC-2 manual
4. RDLEN = Length of weir = 0 (0 if read off BT cards)
5. BWC = bottom width of bridge opening (inc. piers) = 60.
6. BWP = total width of obstruction = 3.52 — field data
7. BAREA = bridge opening inc. piers = 585.2
8. SS = side slope = 1.750
(horizontal per 1 vertical unit)
9. ELCHU = Elevation of channel invert U/S side = 0
(0 if equal to minimum elevation in previous X-sect.)
10. ELCHD = Elevation of channel invert D/S side = 0
(0 if equal to minimum elevation in previous X-sect.)

SUBJECT	BY	CHK.	SHEET NO.	File Code No. (Job No.) Owner • Project • Suffix
	DATE	DATE	___ OF ___	

K·E 10 X 10 TO ½ INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

15'

west rd



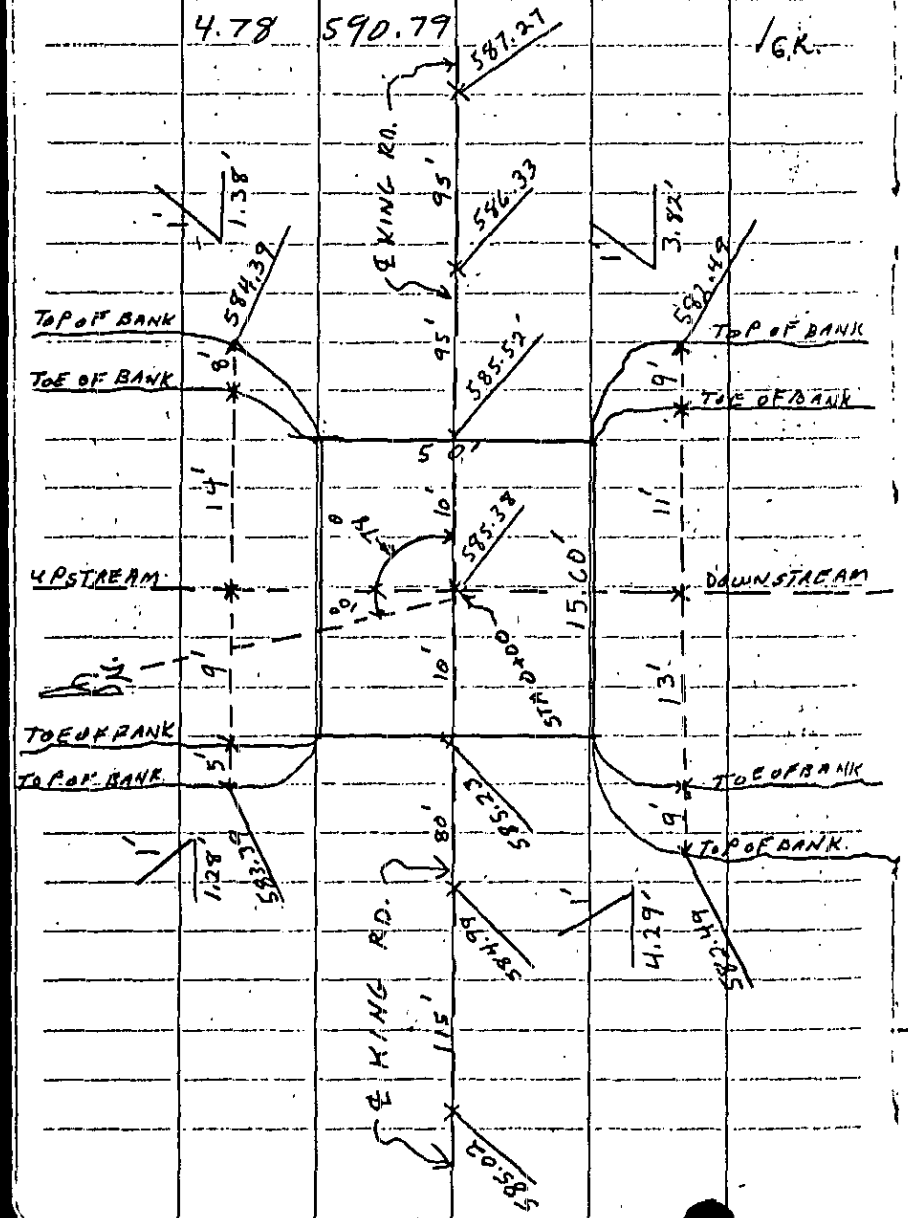
1 sq. in. = 100 sq ft.

5.83 sq. in. = 583 sq. ft.
inc. piers

use to determine
area of bridge opening

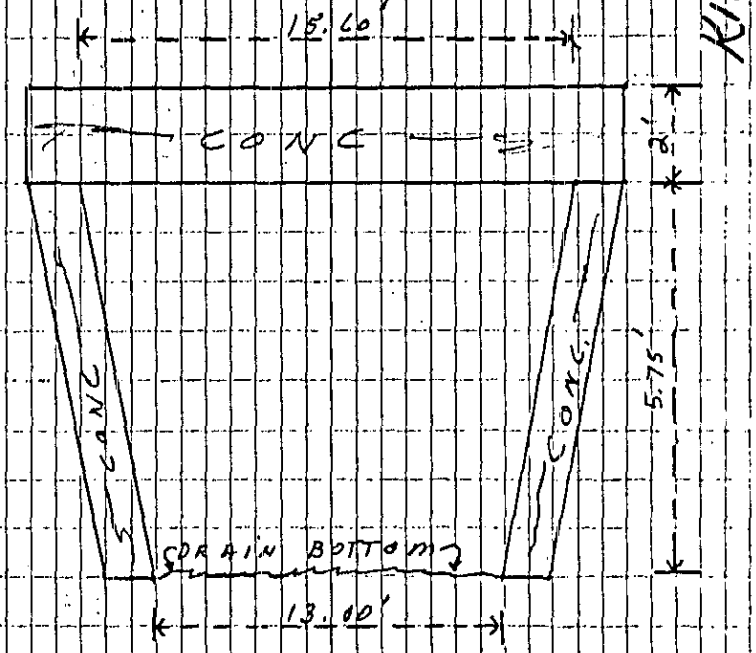
HUD 2011-05 | FRANK AND POET DRAIN. | F.B. #955 | A.P. B.V. M.S. | APRIL 6-1978 | 1

STA	+	HI.	−	ELEV.	PLAN
(1) B.m.				586.01	
	4.78	590.79			1 G.K.



DET HYD W/S. FRANK & POET DRAIN ON S/S. KING RD.

BRIDGE DETAIL STA. 0+00



VIEW STANDING DOWNSTREAM FACING UPSTREAM

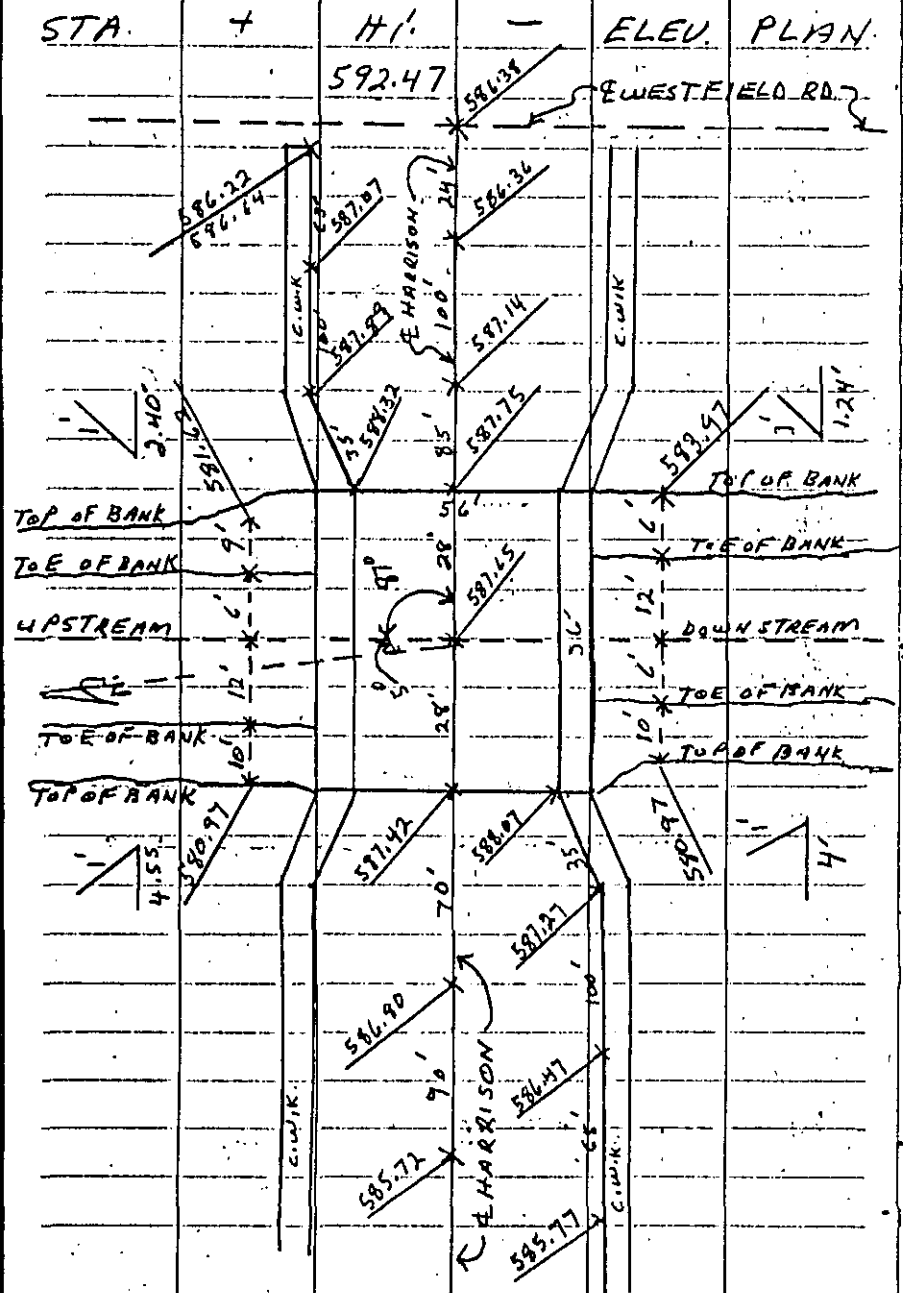
HUD 2011-05 FRANK AND POET DRAIN

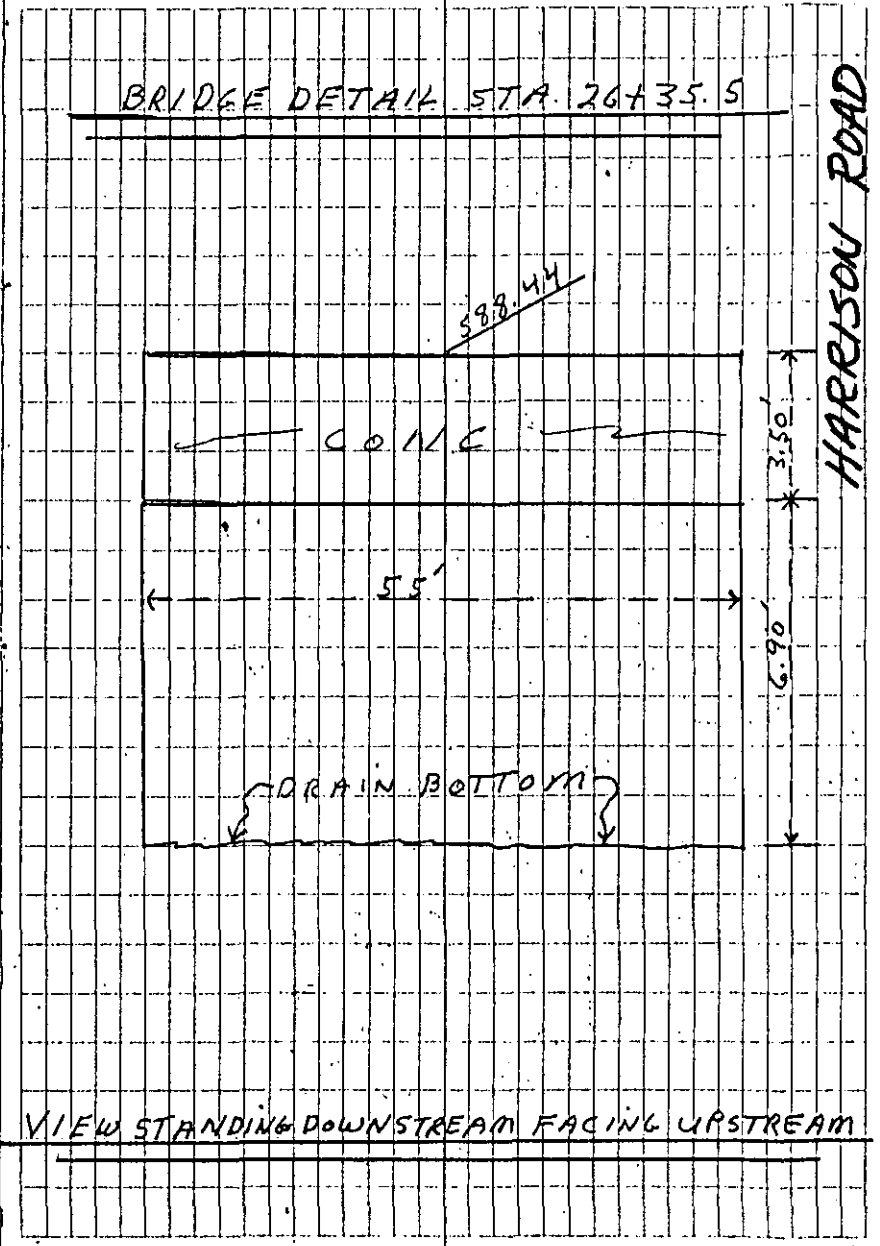
CONT. FROM PG. # 2

STA. 4 + 41 — ELEV. PLAN

F.B. # 955 A.P. B.U. m.s.

APRIL 6-1978 3





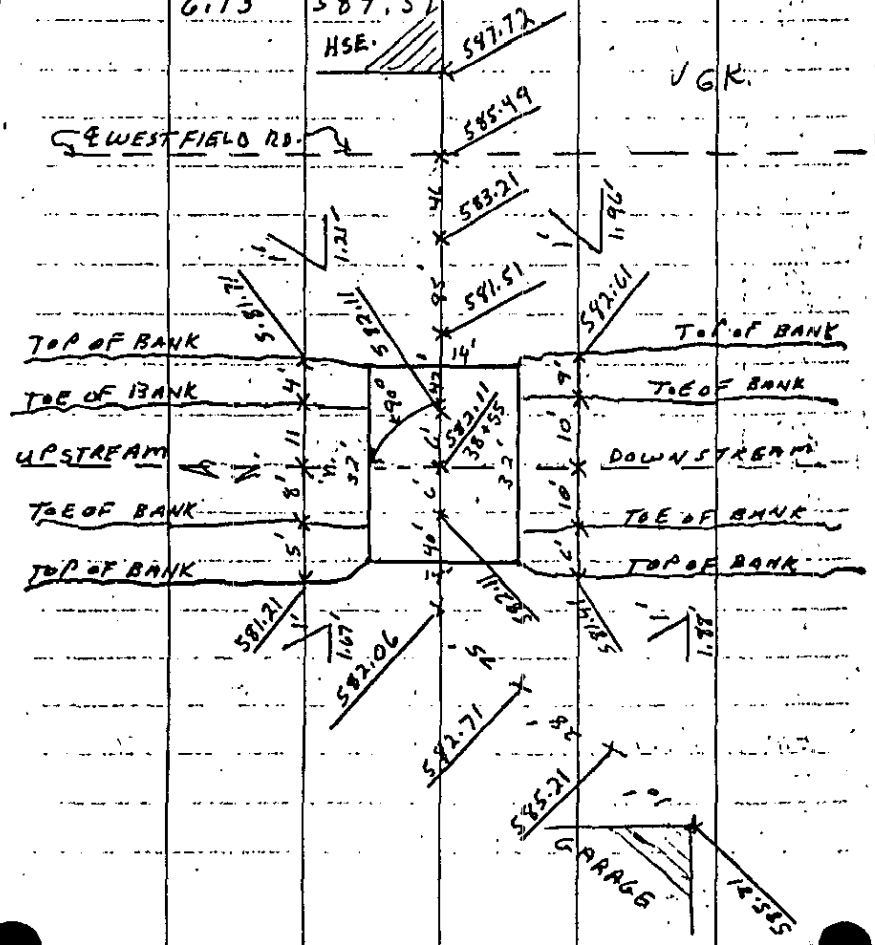
VIEW STANDING DOWNSTREAM FACING UPSTREAM

HUD 2011-05

FRANK AND POET DRAIN

CONT. FROM PG. # 3

STA	+	HI.	−	ELEV.	PLAN
①		592.47			
SET B.M. T.P.			4.11	588.36	
	3.09	591.45			
T.P.			9.58	581.87	
	8.84	590.71			
⑧ SET BM. & T.P.			7.33	583.38	
	6.13	589.51			



V.G.K.

F.B. # 955

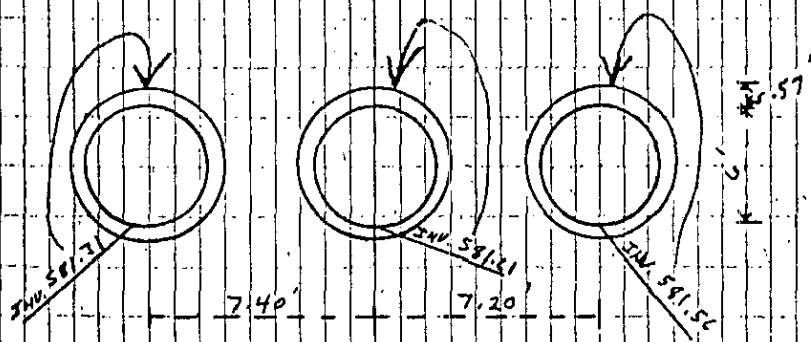
A.P.
B.V.
M.S.

APRIL 6-1978 4.

S.E. COR. OF S.E. WINGWALL BRIDGE AT HARRISON RD.

BOAT SPIKE E/S. O.E. POLE E/S. DRAIN, S.E. OF FOOTBRIDGE STA. 38+66

72" CONC. CULV. DETAIL STA 38+55



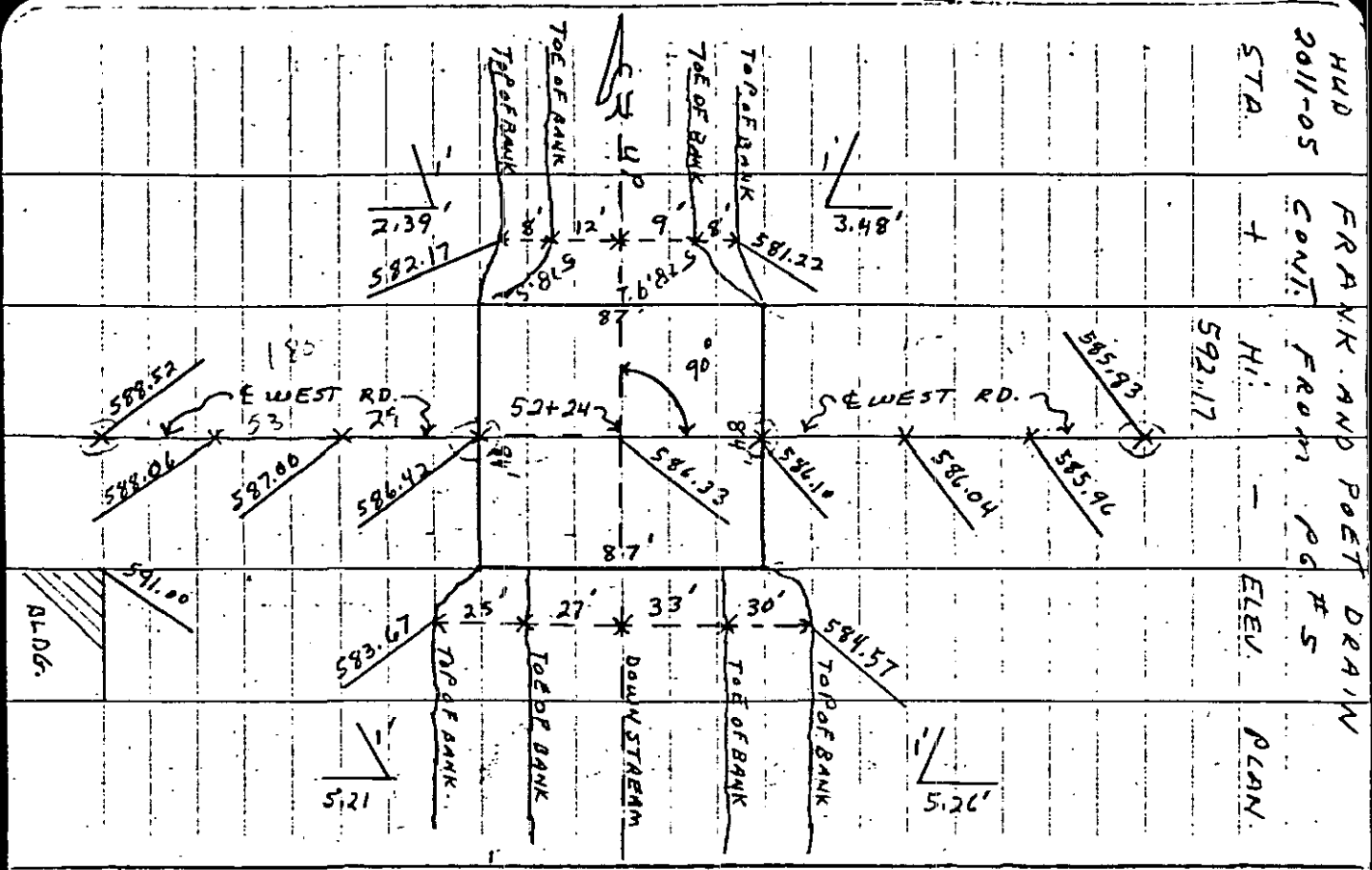
VIEW STANDING DOWNSTREAM FACING UPSTREAM

HUD 2011-05 FRANK AND POET DRAIN

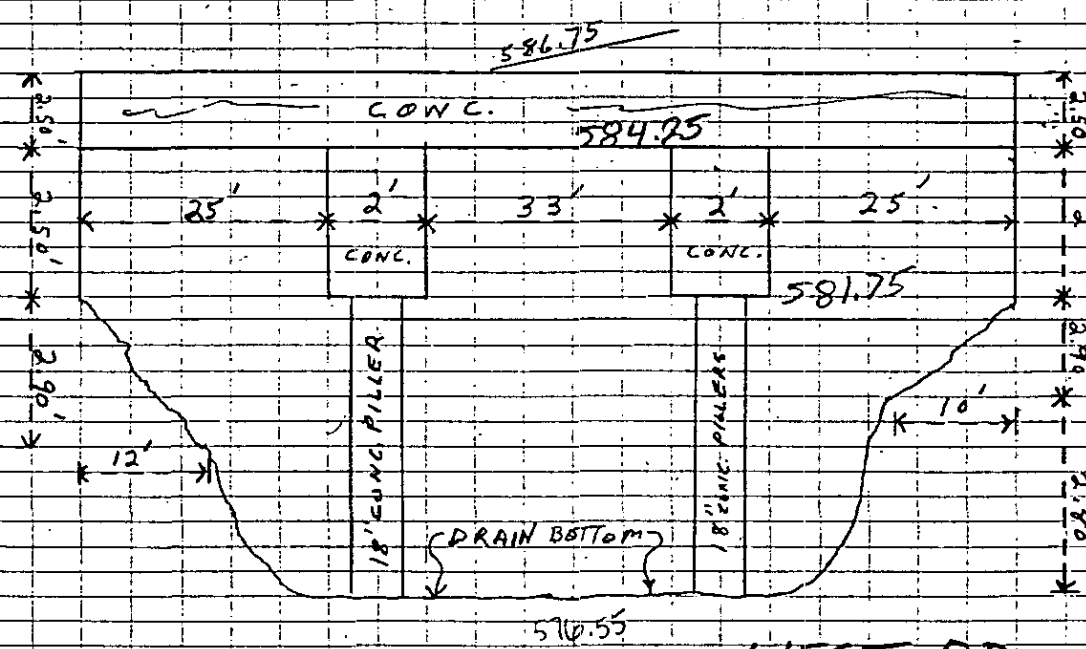
STA. + HI. - ELEV. PLAN.

CONT. FROM PG. #5

592.17



BRIDGE DETAIL STA. 52+24



WEST RD.

VIEW STANDING DOWNSTREAM FACING UP STREAM

F.B. #955

H.P. M.S. P.D.

APRIL 7-1978

6.

HUD 2011-05

FRANK AND POET DRAIN

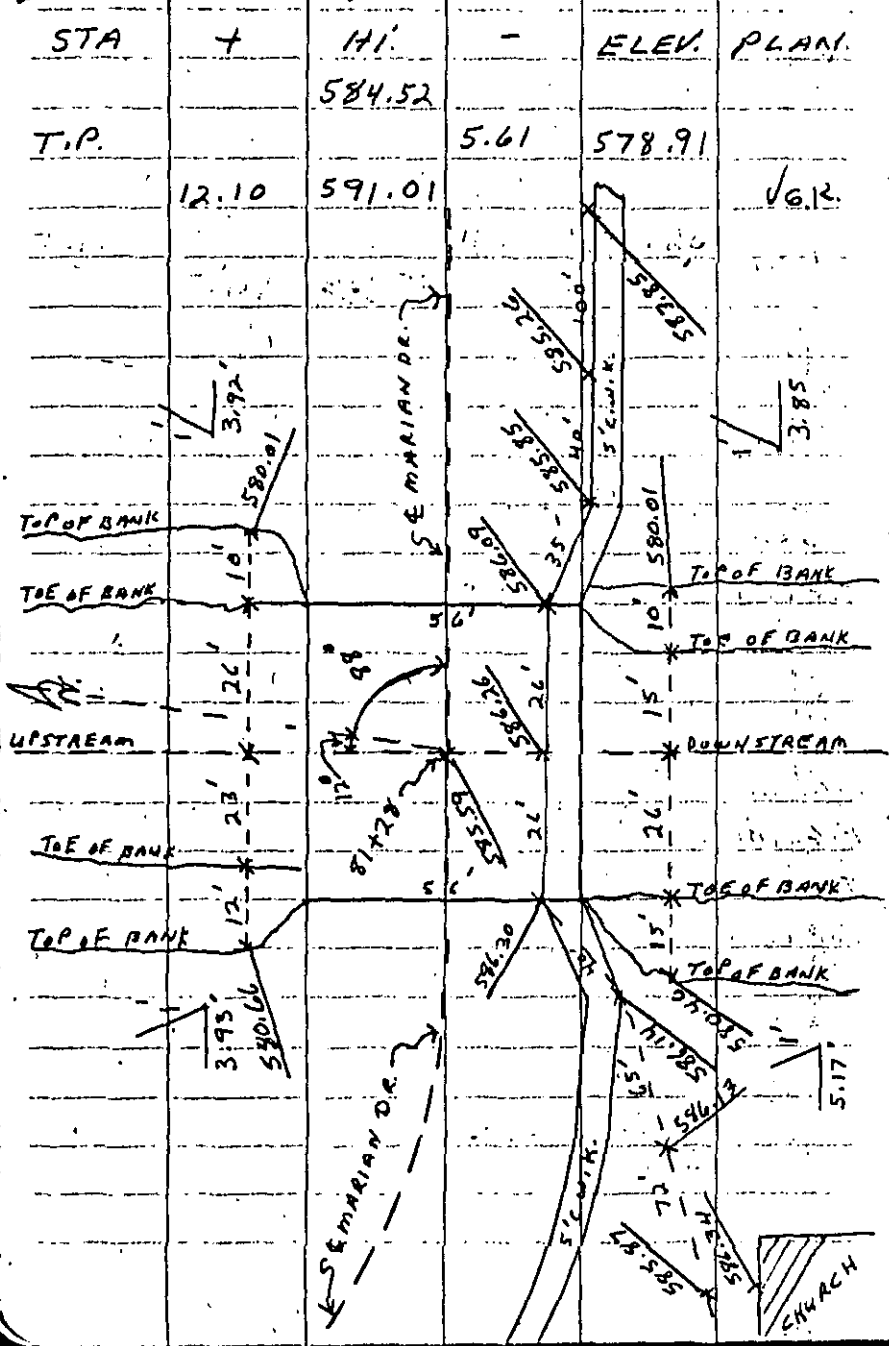
CONT. FROM PG. #7

F.B. # 955

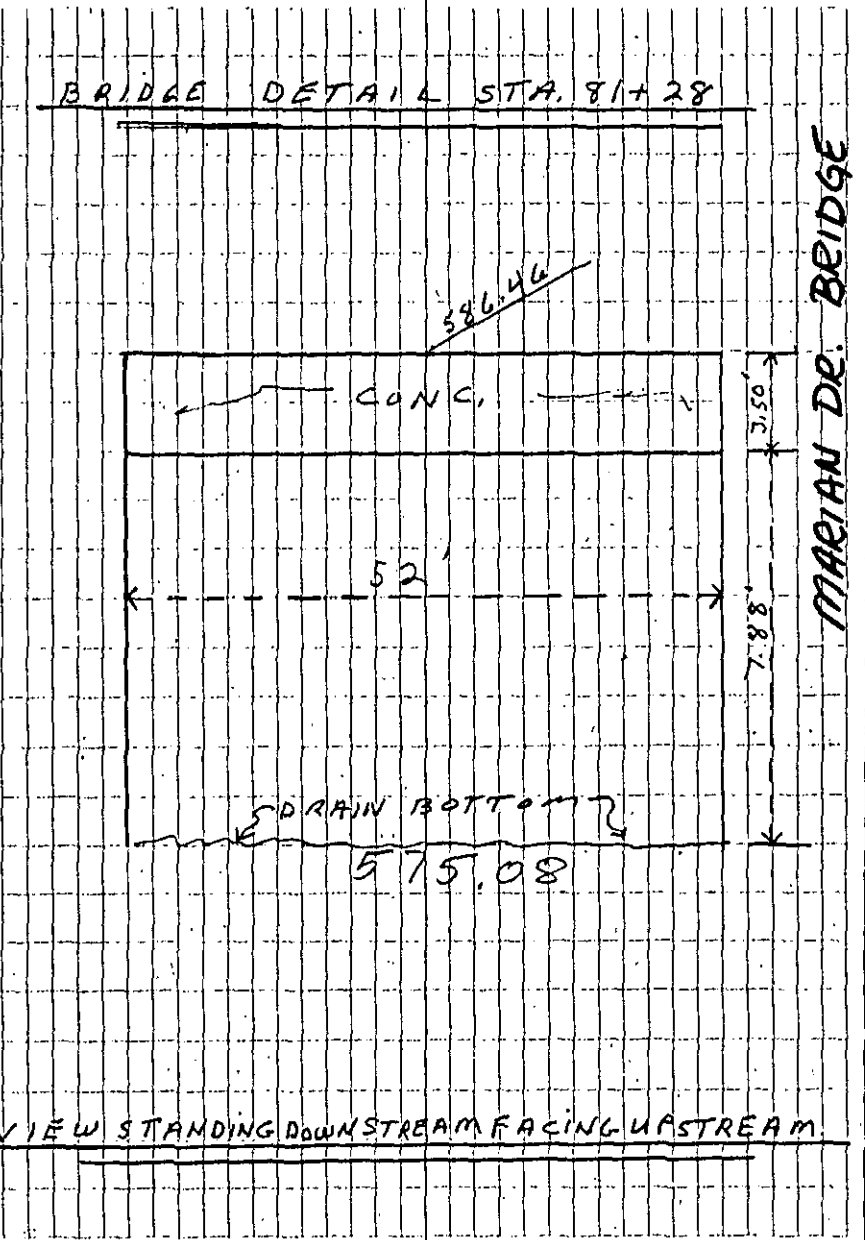
A.P.
M.S
P.O.

APRIL 7-1978

STA	+	HI.	-	ELEV.	PLAN.
		584.52			
T.P.			5.61	578.91	
	12.10	591.01			√6.12.



BRIDGE DETAIL STA. 81+28

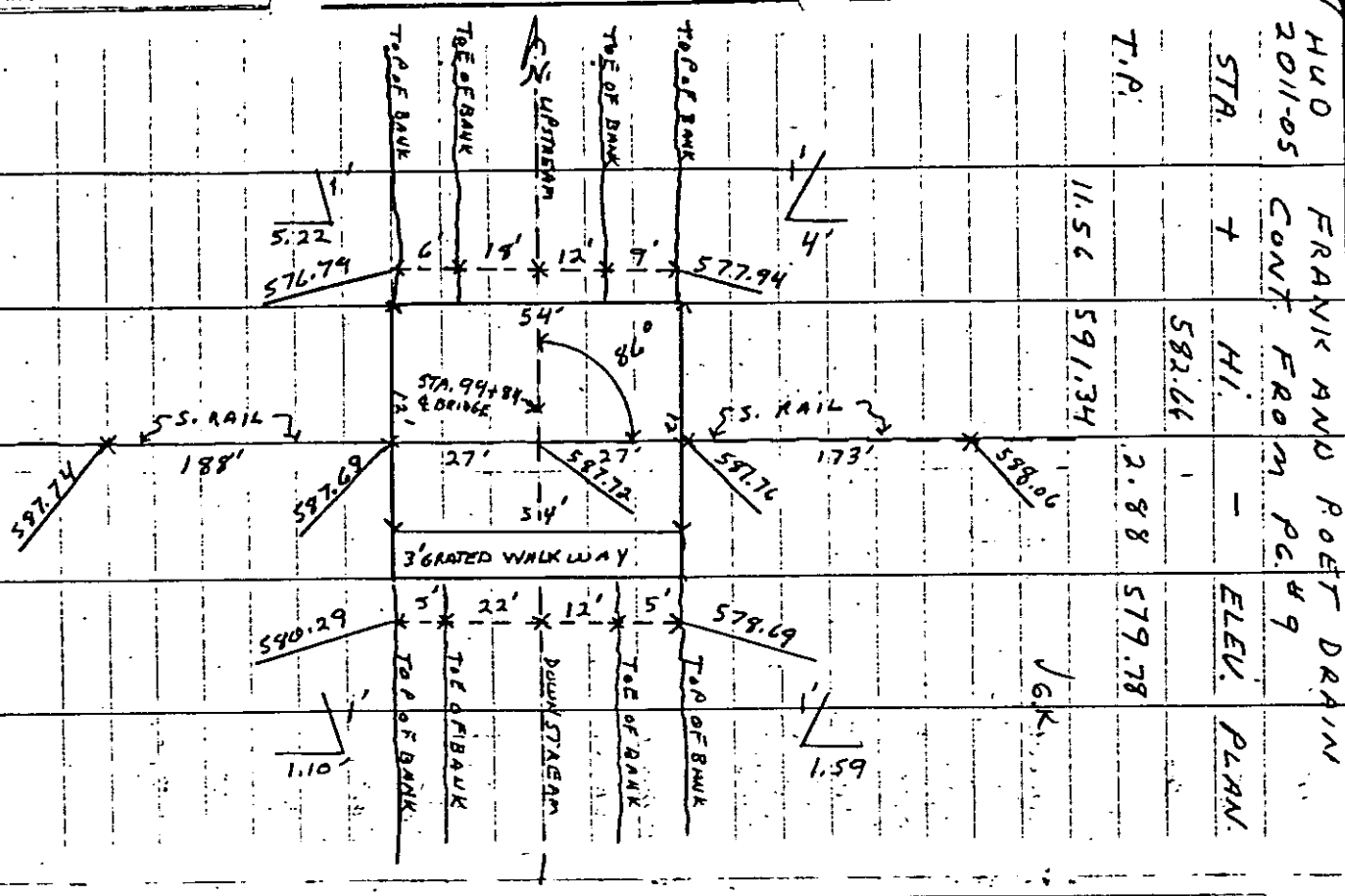


VIEW STANDING DOWNSTREAM FACING UPSTREAM

HUO 2011-05

FRANK AND POET DRAIN CONT. FROM PC. #9

STA.	+	HI.	—	ELEV.	PLAN.
T.P.	11.56	591.34	2.88	579.78	



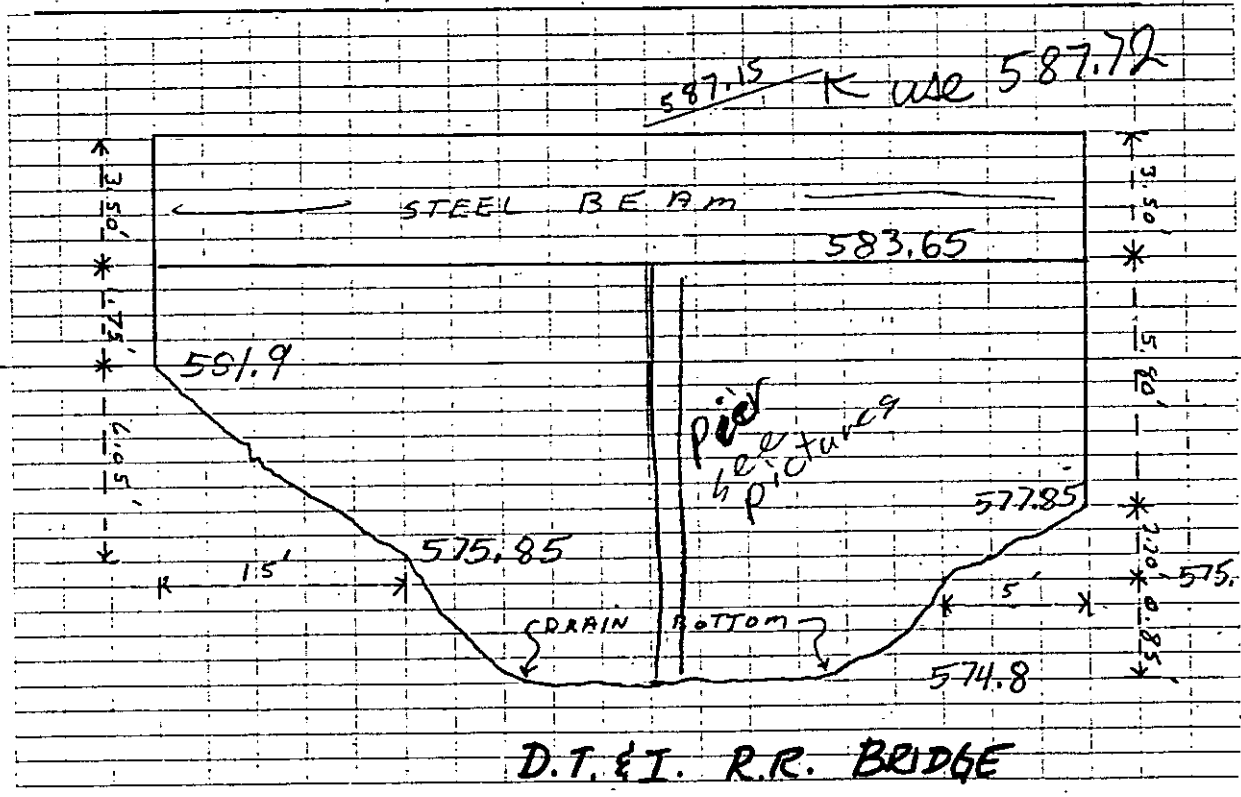
F.A. # 755

A.P.
M.S.
P.O.

APRIL 10-1978

10.

BRIDGE DETAIL STA. 99+84



D.T.&I. R.R. BRIDGE

HUD 2011-05

FRANK. AND POET DRAIN

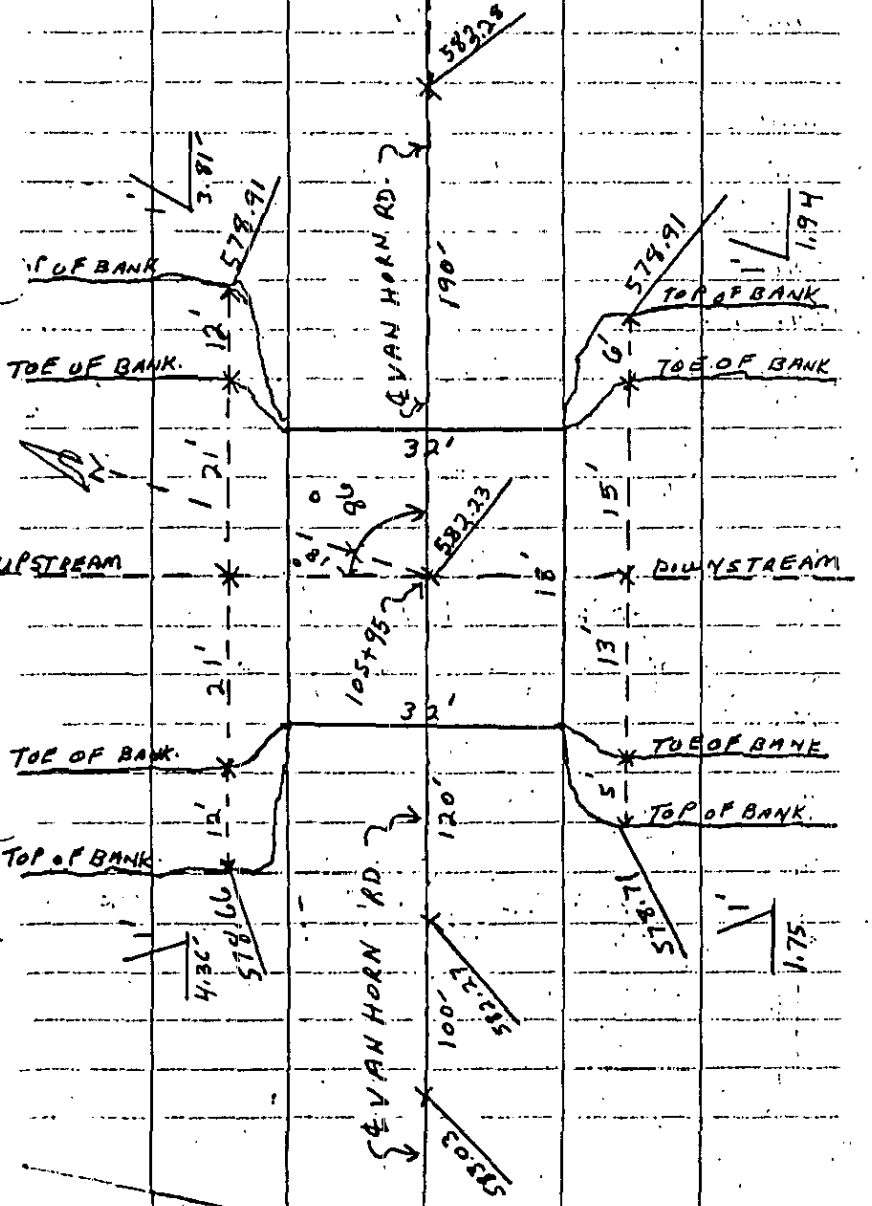
CONT. FROM P.S. # 11

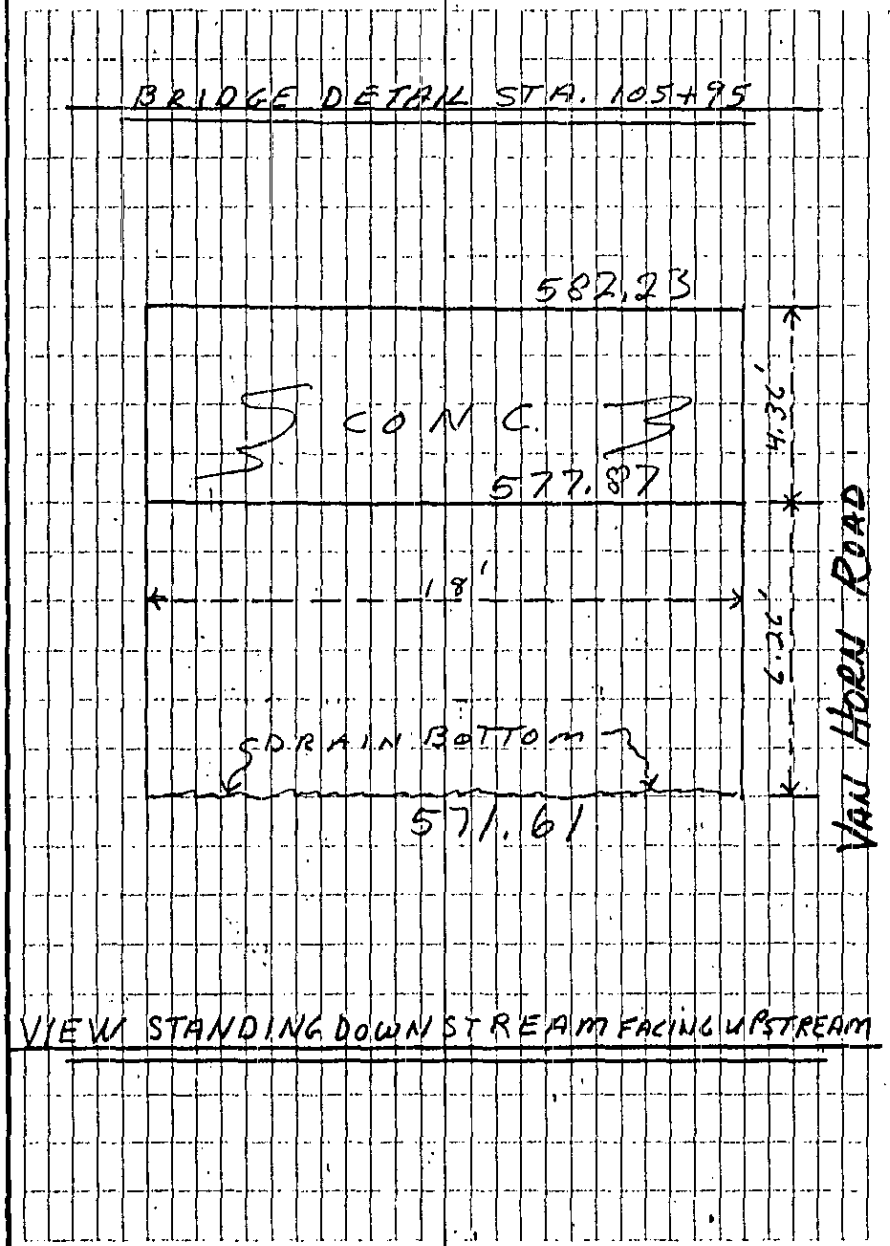
F.B. #955 A.P. M.S. P.D.

APRIL 11-1978

12.

STA.	+	HI.	−	ELEV.	PLAN
		588.56			

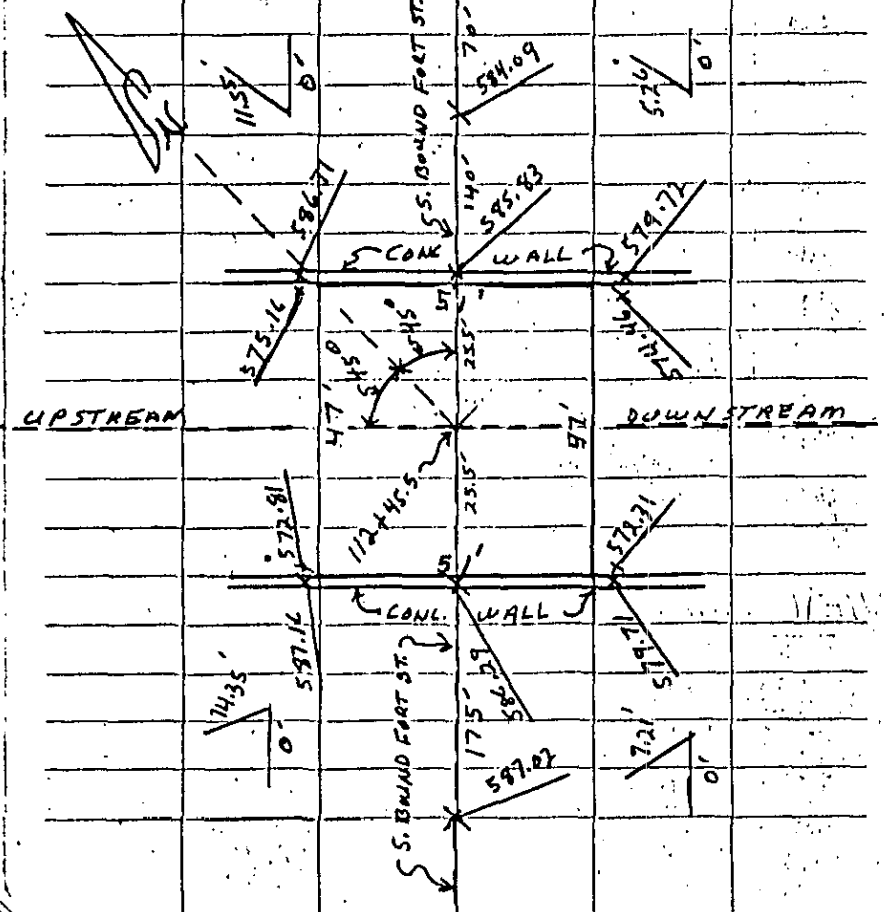


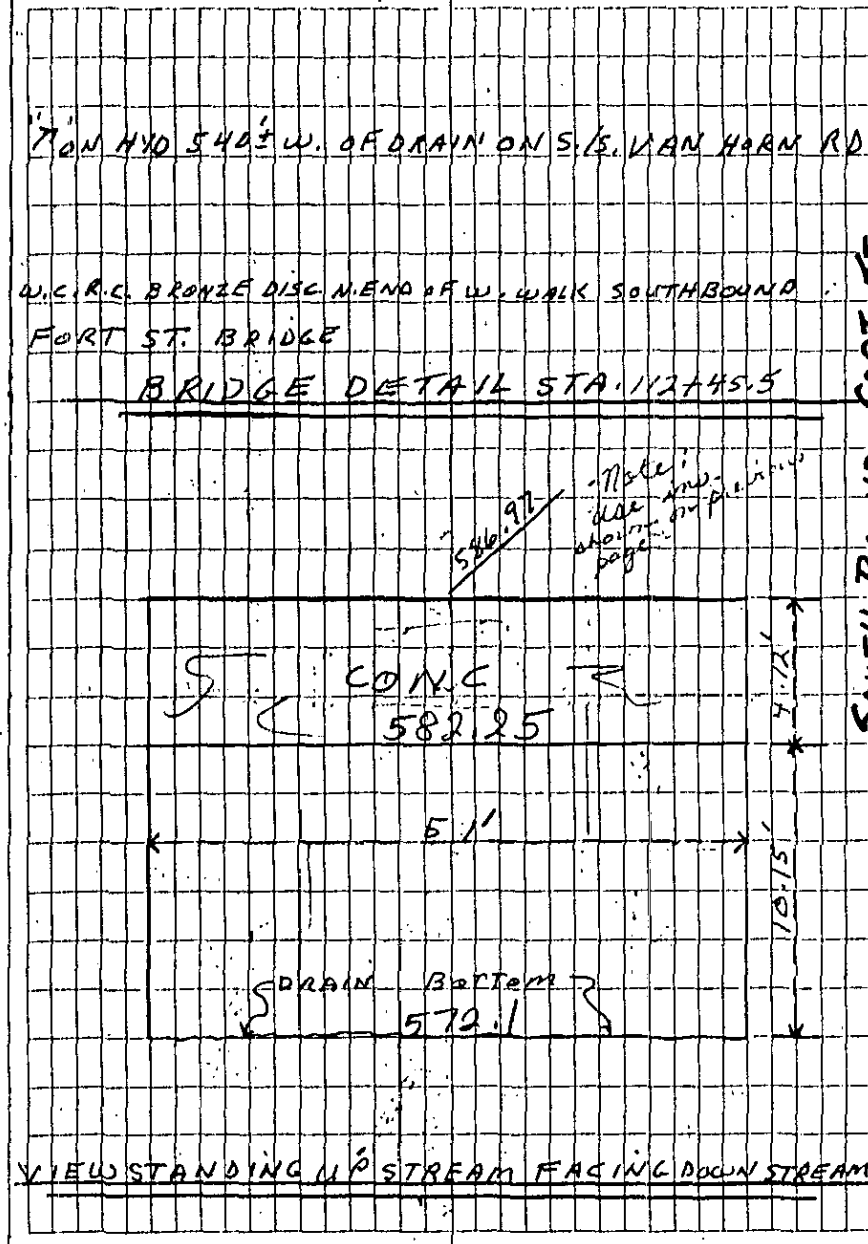


HUD 2011-05 — FRANK ANO. POET DRAIN — CONT. FROM PG. #12

F.B. #955 — A.P. M.S. P.D. — APRIL 11-1978 — 13.

STA.	+	HI.	−	ELEV.	PLAN.
		588.56			
(1) BM. C.K.			1.74	586.82	586.80
T.P.			5.73	582.83	.02 ft
	4.25	587.08			
(2) SET BM. & T.P.			0.51	586.57	
	4.59	591.16			✓ G.K.





HUD 2011-05

FRANK AND POET DRAIN

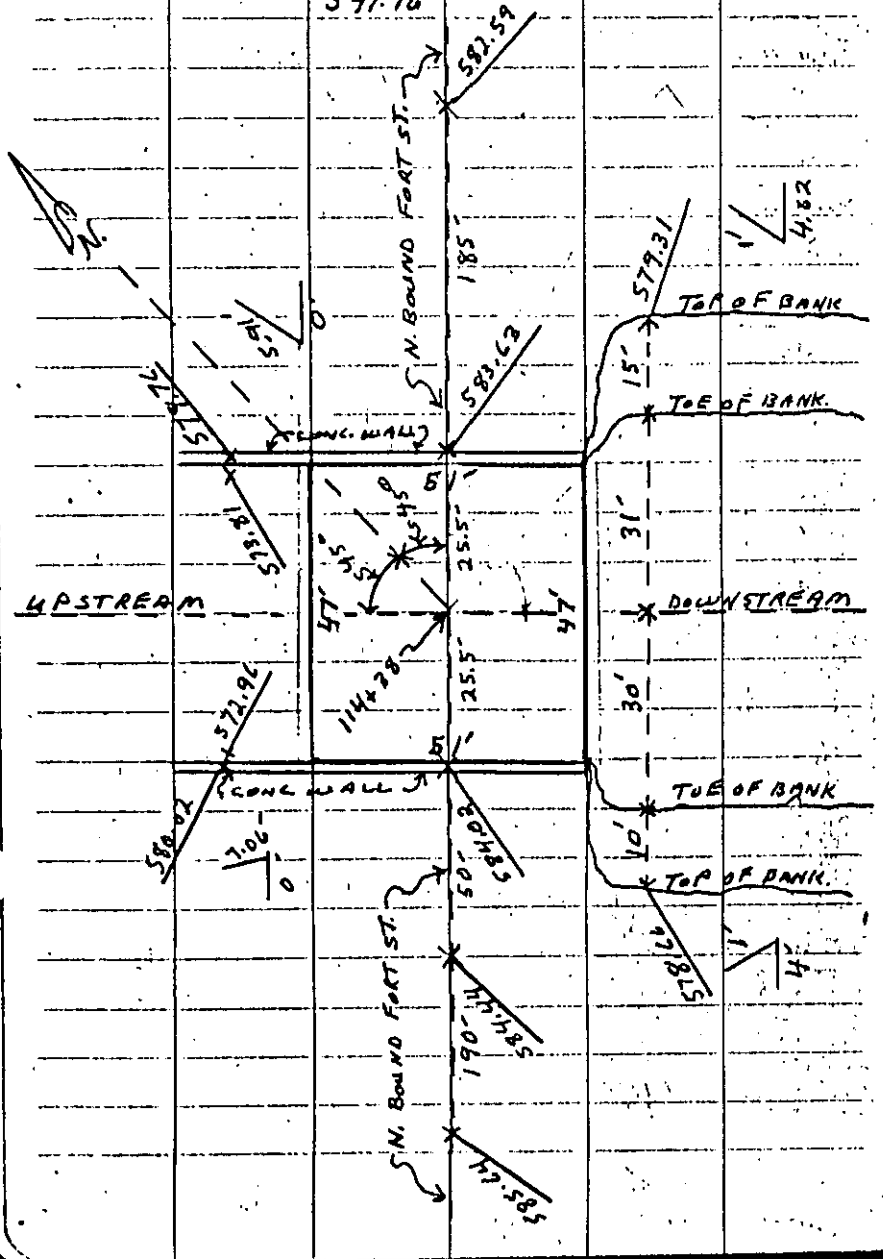
CONT. FROM PG # 13

F.B. #955 A.P. M.S. P.O

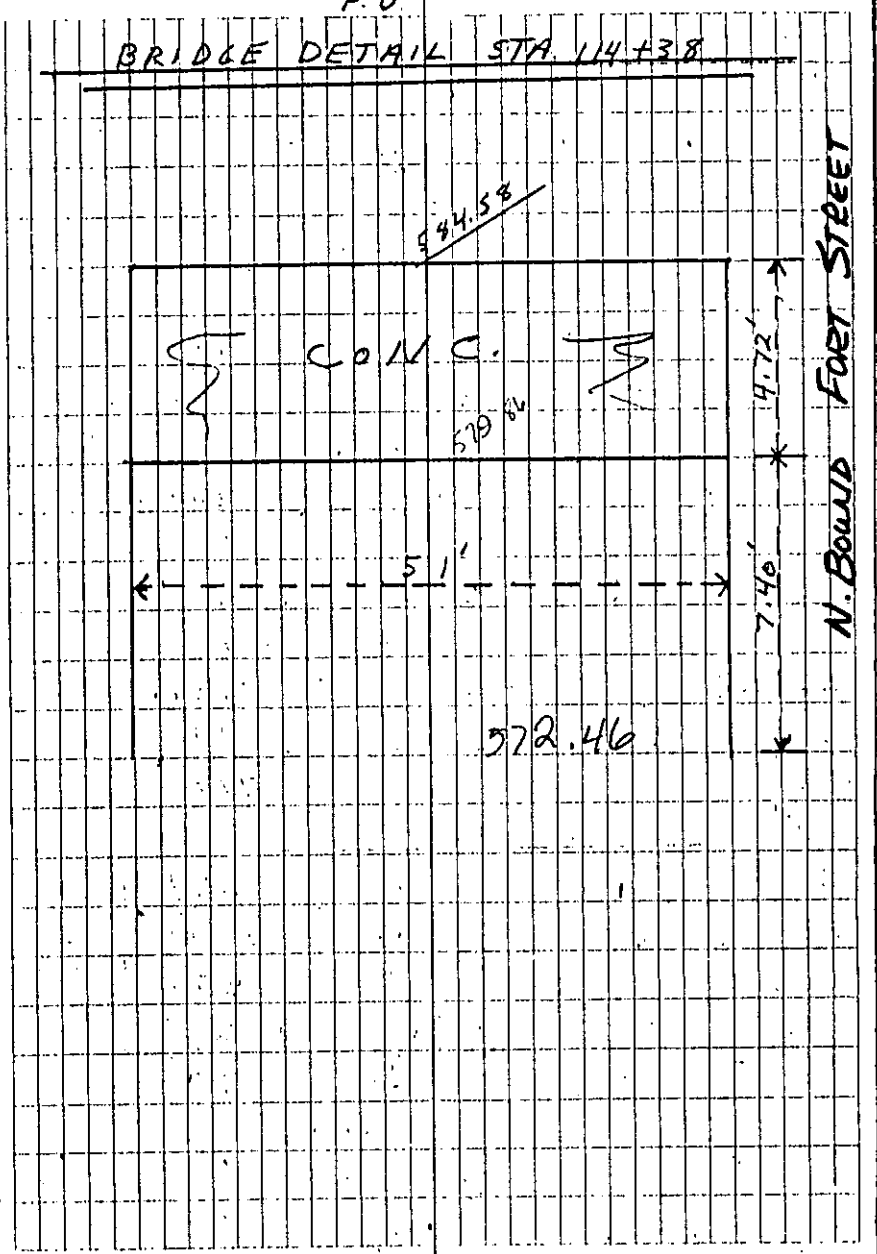
APRIL 11 - 1978

14.

STA	+	HI.	−	ELEV.	PLAN
		591.16			



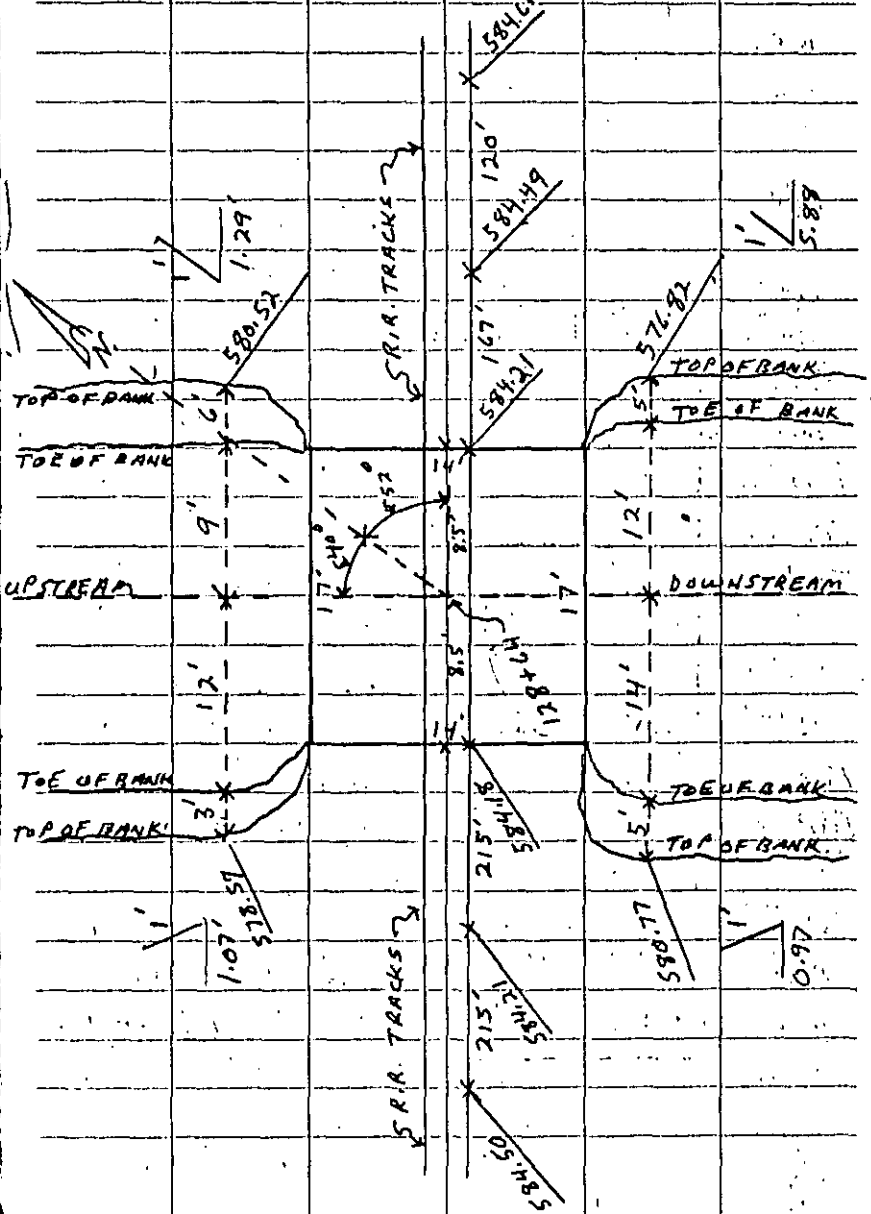
BRIDGE DETAIL STA. 114+38



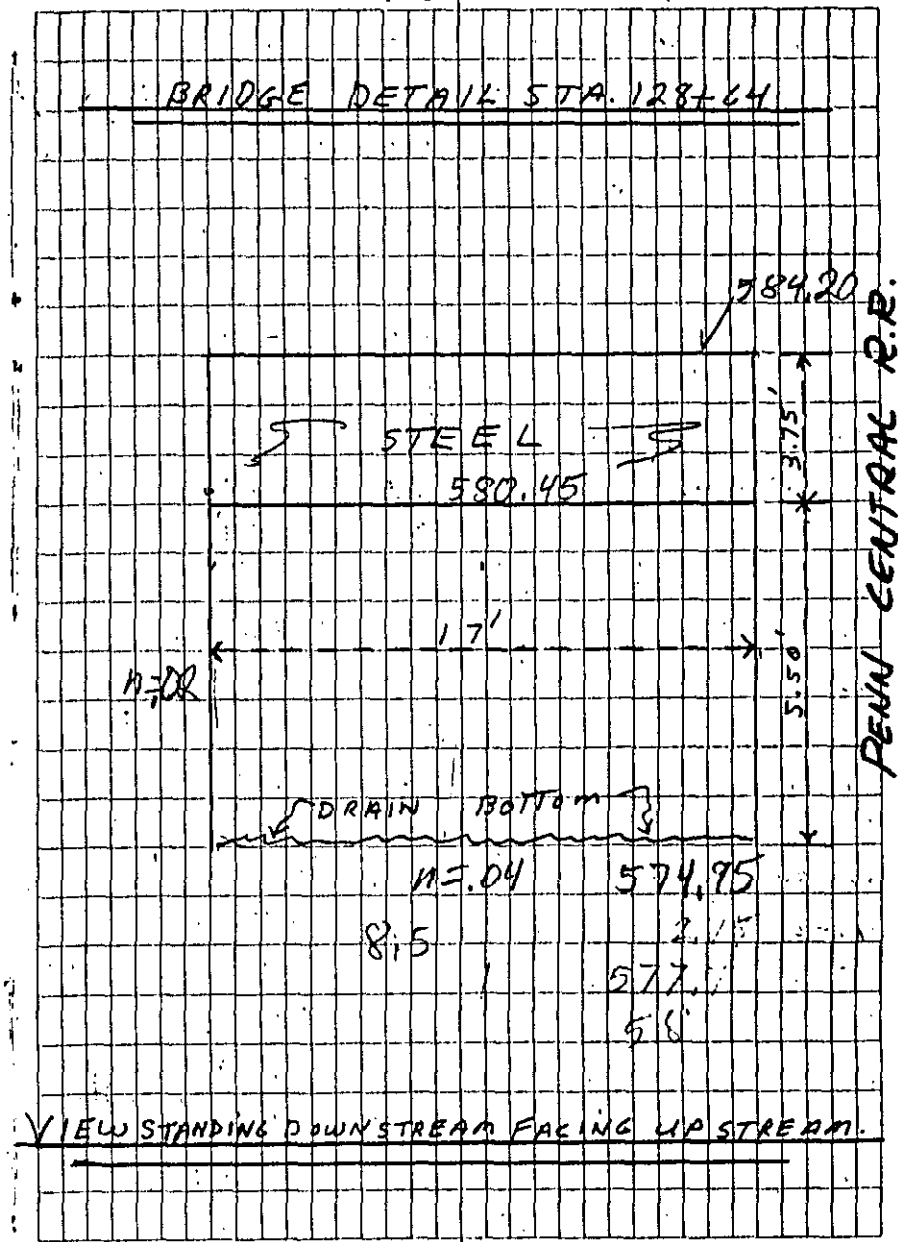
HUD 201-05 | FRANK AND POET DRAIN | F.B. # 955 | A.P. P.S. P.O. | APRIL 11-1978 | .17

CONT. FROM PG. # 16

STA.	+	HI.	—	ELEV.	PLAN
		587.02			



BRIDGE DETAIL STA. 128+64



VIEW STANDING DOWNSTREAM FACING UPSTREAM.

PENN CENTRAL R.R.

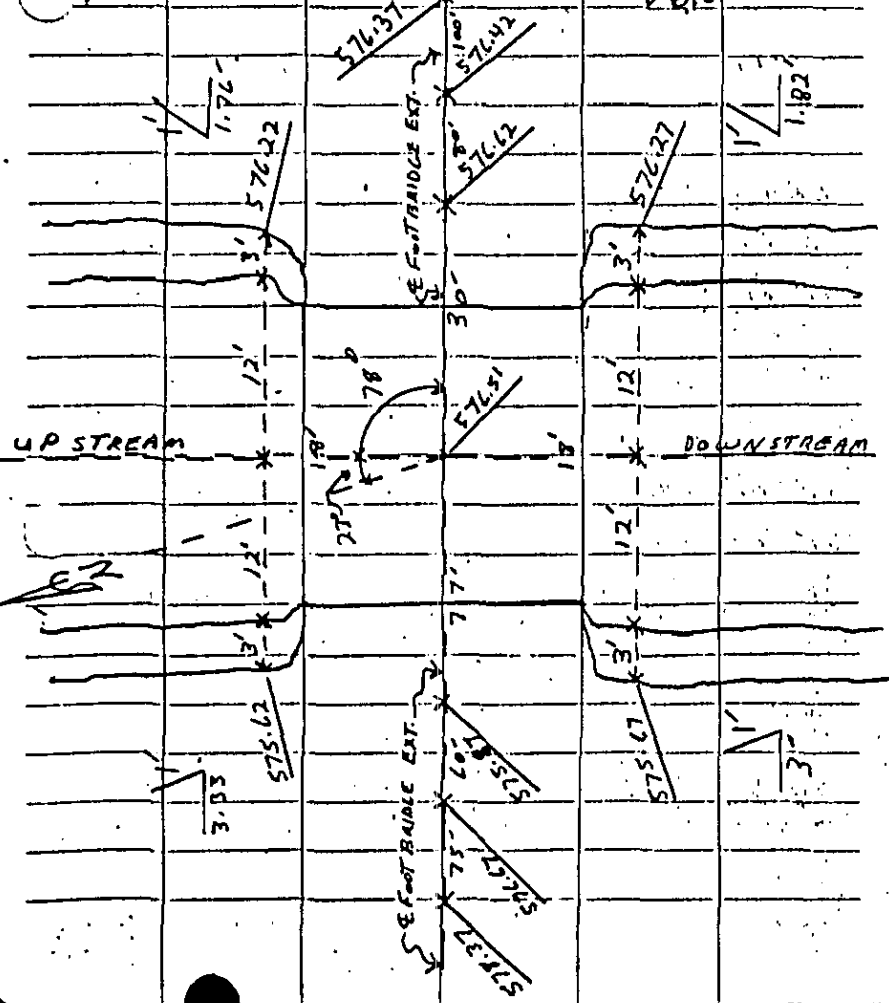
HUD 2011-05

FRANK AND POET DRAIN

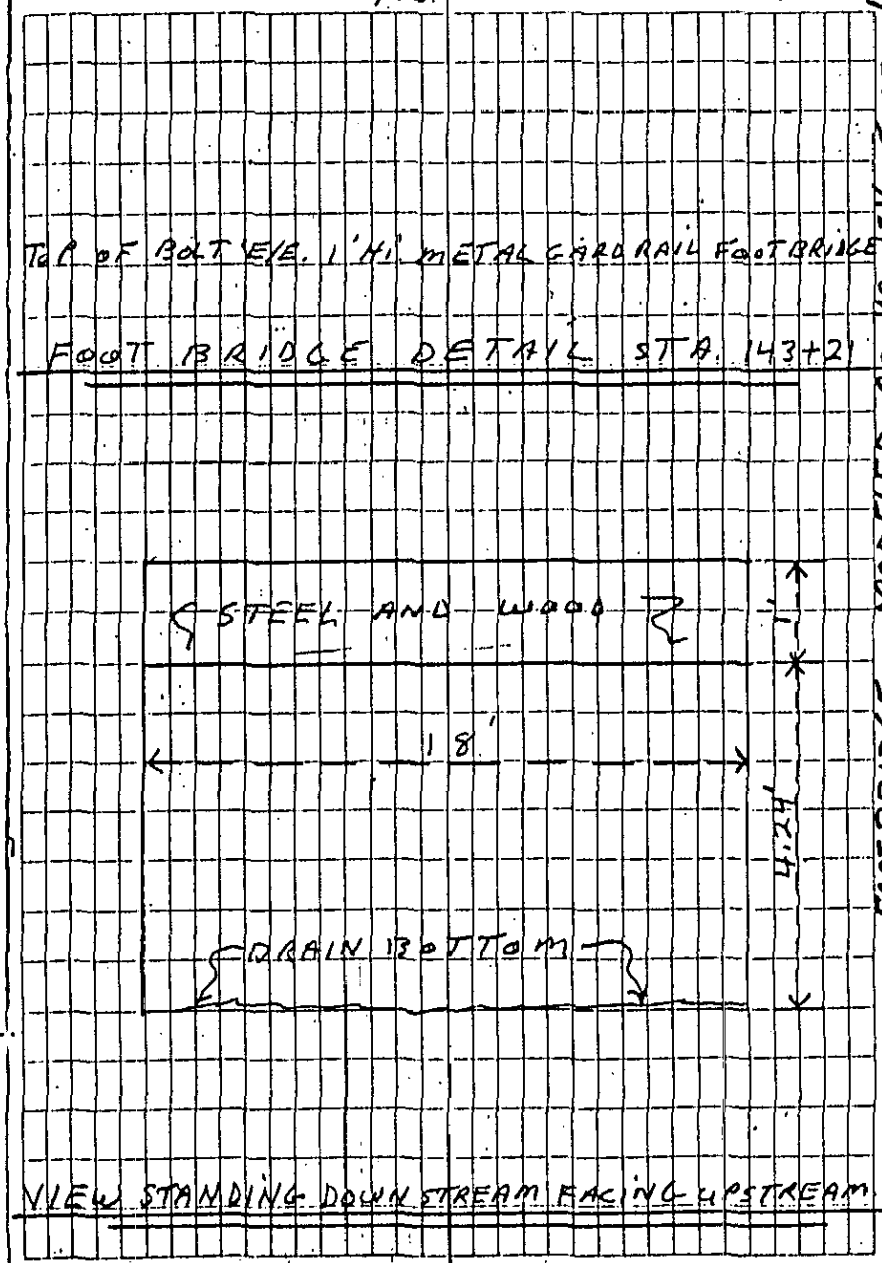
CONT. FROM PG.# 18

F.B. #955 A.P. M.S. P.O. APRIL 12-1978 19.

STA.	+	HI.	−	ELEV.	PLAN
		586.19			
T.P.			7.51	578.68	
	4.29	582.97			
SET Bm. I.T.P.			6.21	574.76	
	4.66	581.42			
				VGK	



FOOT BRIDGE DETAIL STA. 143+21



VIEW STANDING DOWN STREAM FACING UPSTREAM

FOOTBRIDGE MODELED AS VALLEY SECTION

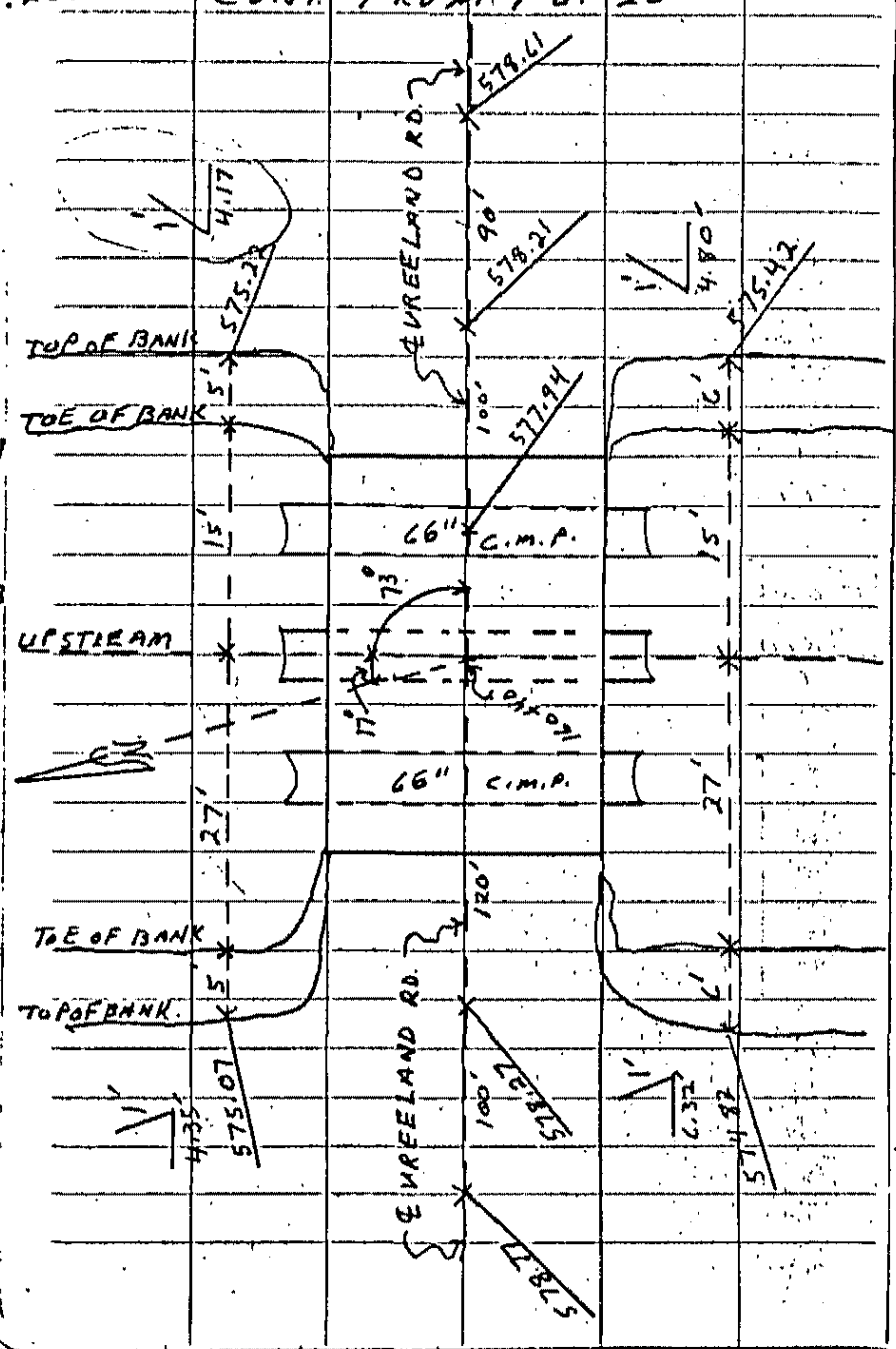
HUD :2011-05

FRANK AND POET DRAIN

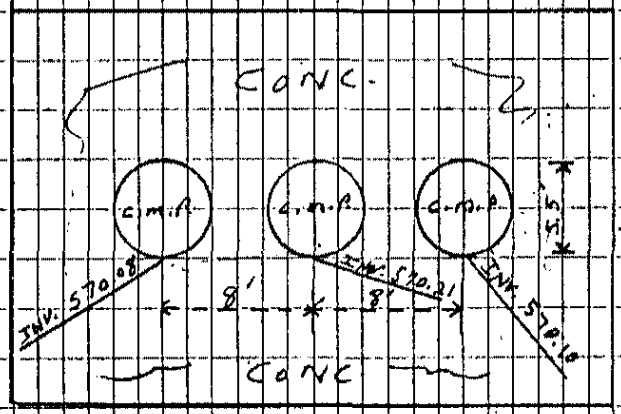
CONT. FROM PG. 20

F.B. # 955 A.P. M.S. P.D.

APRIL 12-1978



C.M.P DETAIL STA. 160+40



VREELAND RD.

NOTE: 66" C.M.P. ARE 41' LONG N. TO S.

VIEW STANDING DOWNSTREAM FACING UPSTREAM.

CITY OF TRENTON, MICHIGAN

FRANK & POET DRAIN

EXHIBIT 3

Computer Printouts

HEC-2 Backwater Analysis

with

Cross Section Plots

(See Separate Folder)

Reduced Discharges

The MDNR provided reduced 100-year flood discharges based on modeling taking into account the effect of dead storage on discharge. Table 3 shows the 100-year flows used in the FIS Study and the DNR 100-year Reduced Flows at different locations:

TABLE 3
FRANK AND POET DRAIN
100 YEAR FLOWS

	FIS (cfs)	MDNR Reduced Flows (cfs)
King Rd.	1800	1800
Harrison	1800	1615
West Road	1820	1430
Marion	1820	1430
D.T.& I.	1820	1120
Penn Central	1840	1060
Vreeland	1105	1060

The MDNR flows listed above result from a rigorous analysis of the physical conditions found in Trenton. However, the detailed information necessary to apply the method upstream of the City is not available at this time. A study of the upstream areas, which are extensive, is necessary to produce a more dependable series of discharges. Such a study is expected to reduce further the flows through Trenton.

MDNR has supplied two sets of flows. The first set based on the water surface profiles of the FIS, are presented in their letter report of December 18, 1981, copy attached. The second set, based on profiles proudced by this office, was provided by telephone on August 20, 1982. The second, and final, discharges are listed above.

Backwater Analysis with Reduced Flows

Having determined that the model input modifications have a very minor effect on the floodway profiles, the model was run using the reduced flows supplied by MDNR. Table 4 shows the flood stage elevations as determined by the FIS, those obtained with the reduced flows and the difference between them. The water level elevations are lower by an average of 0.22 feet downstream of the D.T.& I. RR bridge. Upstream of this location, where most of the structures affected by high flood stages are located, the resulting water elevations are lower by an average of 0.80 feet.

Flood profiles from the 100-year reduced flows backwater anlaysis together with those obtained in the FIS are shown in Exhibits 1, 2 and 3.

MICHIGAN DEPARTMENT OF NATURAL RESOURCES

INTEROFFICE COMMUNICATION

December 18, 1981

TO: Files

FROM: Ric Sorrell, P.E. RCS

SUBJECT: Flood Profiles on Frank & Poet Drain
Summary of Findings

I analyzed the flood profiles on Frank & Poet Drain through Southgate, Riverview, and Trenton to determine the 10% and 1% chance flood elevations. An unsteady flow model (Program DAMBRK) was used to more accurately represent the backwater and off-channel storage in the basin.

Inflow hydrographs developed for the Southgate FIS were used as the upstream boundary conditions and the rating curve from the Gibraltar FIS at Vreeland Road defined the downstream boundary. The effect of storage upstream of Dix-Toledo Highway in Southgate was analyzed and found to be insignificant. The input hydrographs include flows from Sutcliffs and Kenope Drain.

The attached table shows the discharges at selected road crossings in the study reach. Flows downstream of Sibley Road show a rapid attenuation caused by the restriction at DT&I Railroad and overbank diffusion in the storage area upstream of this structure. It is interesting to note that the peak flows between King Road and DT&I occur much sooner than the peak elevations. This is characteristic of flow moving through a storage area. Conversely, the times of the peak flow and peak elevation downstream of DT&I are more nearly coincident since the storage effects are less significant.

The peak elevation profiles for the 10% and 1% chance floods are illustrated in Figures 1 and 2, respectively. Of interest here is the flatter profile obtained with the DAMBRK model upstream of DT&I as compared to the FIS values. The slope of the FIS profiles indicates that the backwater effect of DT&I extends up to West Road. On the other hand, the DAMBRK profiles indicate backwater well past West Road into the City of Riverview.

Approximately 140 hours of time was devoted to this analysis. This time included research of FIS files, data preparation, model set-up and calibration, sensitivity analysis, and documentation. Approximately 60 computer runs were used in the analysis.

RS:cw

Att.

FRANK & POET DRAIN

Location	Q_{10} cfs	Q_{100} cfs
Pennsylvania Rd	1090	1630
Sibley Rd	1260 *	1890 *
King Rd	1185	1740
Harrison Rd	1100	1580
West Rd	930	1320
Marian Dr.	785	1090
DT&I RR	760	1060
Vreeland Rd	740	1050

* Local increase due to runoff from intervening area

Flows can be linearly interpolated (as a function of distance) between Sibley and Vreeland Roads. Upstream of Sibley should use the flows at Pennsylvania Road.

STATE OF MICHIGAN

RECEIVED
CITY OF TRENTON
DEC 21 1981
ENGINEERING & BUILDING DEPT.
TIME:
PER:

TRAL RESOURCES COMMISSION
ICOB A. HOEFER
I M. LAITALA
MARY F. SHELL
PAUL H. WENDLER
HARRY H. WHITELEY
JOHN L. WOLFE
CHARLES G. YOUNGLOVE

WILLIAM G. MILLIKEN, Governor

DEPARTMENT OF NATURAL RESOURCES

STEVENS T. MASON BUILDING
BOX 30028
LANSING, MI 48909
HOWARD A. TANNER, Director

December 18, 1981

c/ HR&C

RECEIVED
DEC 22 1981
H.R.&C. INC

Mr. Ghassan J. Hami, P.E.
City Engineer, City of Trenton
Engineering & Building Department
2800 Third Street
Trenton, Michigan 48183

Re: Hydrology of Frank and Poet Drain

Dear Mr. Hami:

Staff of the Hydrologic Studies Unit have been reviewing the hydrology used in the flood insurance study for the City of Trenton. During our meeting of August 7, 1981, we discussed four areas of concern regarding the hydrology of the Frank and Poet: lack of detailed information on the hydrology of the Frank and Poet in Taylor, rainfall data, storage caused by major road restrictions in the community of Southgate, and the effect of distributed storage along the stream channel in Riverview and Trenton.

1. Further detail on the hydrology of the Frank and Poet in Taylor will not be available until completion of the flood insurance study there. Detailed information is required as the hydrology in the watershed is very complex. Given the available information, it is my opinion that the flows developed by Brater's method are the best estimates available at this time.

2. I requested the Weather Service Division of the Michigan Department of Agriculture to review the rainfall data in the Trenton area and to comment on Norton D. Strommen's report "Urban Influences on Rainfall in the Detroit, Michigan, Area". Attached is a copy of the response from Dr. Fred Nurnberger. Given this report and available information, it is my opinion the rainfall used in the study is the best estimate available at this time.

3. Storage in the community of Southgate was evaluated using the SCS TR-20 model with storage indication option. This analysis showed only minor attenuation to the hydrograph due to the restrictions in Southgate. Attached is a copy of the TR-20 run.

4. The flood hydrograph was routed through the communities of Riverview and Trenton using the convex flood routing method in the TR-20 model. This analysis showed only minor attenuations to the flood peak. Given the flat stream slope, backwater effects and the distributed storage, staff felt a more accurate representation of the dynamics of the system could be given using an unsteady state model which accounts for dead storage areas. We used the program DAMBRK which was developed by Danny Fread who is a research hydrologist with the National Weather Service. The revised hydrology based on this model is given in Table 1 which is attached. Discharges at intervening points between the ones listed can be obtained by linear interpolation.

We would be interested in seeing the results of the HEC-2 runs showing the effects of these reduced discharges. Also, would you please send the elevations obtained on October 1, 1981. U.S. Geological Survey has estimated the peak during that storm to be 250 cfs.

If you or your consulting engineers have any questions, please give me a call at 517/373-0208.

Sincerely,

Steve A Miller

Steve A. Miller, P.E., Chief
Hydrologic Studies Unit
Water Management Division

SAM:cw

Atts.

cc: Dan Morgan
Norb Schwartz

THEODORE G. BIEHL
JAMES W. HUBBELL
FRANK M. BARNES
GEORGE S. ROTH
FRANKLIN A. BURN
M. DAVID WARING
DONALD R. McCORMACK
CLARENCE W. HUBBELL
PRINCIPALS
GEORGE E. HUBBELL
CONSULTANT

JAMES E. BEUERLE
FRANK M. BIEHL
DAVID BRODY
GERALD F. KNAPP
MYKOLA LAWRIN
ORLYN C. LEWIS
DAVID McPHEE
CLARENCE W. MYROLD
THOMAS H. RITCHIE
ASSOCIATES

HRC

Hubbell, Roth & Clark, Inc.

CONSULTING ENGINEERS

November 4, 1982

RECEIVED
NOV 19 1982
WATER MANAGEMENT

RECEIVED
NOV 10 1982
ING DEPT.

City of Trenton
2800 Third Street
Trenton, Michigan 48183

Re: Review of Flood Insurance Study

Attention: Mr. Ghassan J. Hami, P. E.
City Engineer

Gentlemen:

In accordance with our agreement of February 16, 1982, we have completed the second phase of the review of the Flood Insurance Study (FIS) for the City of Trenton. The intent of the work performed was to develop a technical base for an appeal to the Federal Emergency Management Agency (FEMA).

The review of the FIS included:

1. Modifications to the model input:

   a. Cross sections
   b. Roughness coefficients
   c. Bridge hydraulic loss coefficients
   d. Input format

2. Backwater analysis using modified input and the flows from the FIS to determine the effect of the modifications.

3. Backwater analysis using the modified input and reduced 100-year discharges given By the Michigan Department of Natural Resources (DNR).

Two main conclusions were reached in the review:

1. Modifications to the model input do not substantially affect the flood stage elevations published in the FIS.

2. The reduced flows made significant reductions in the flood stage elevations.

Three requests should be included in the appearl to FEMA.

1. Implementation of a Flood Insurance Program revised to reflect the new data developed using the reduced 100-year flow supplied by the DNR.

2. Complete hydrologic study of the entire Frank and Poet drainage basin.

3. New hydraulic analysis of the entire length of the Frank and Poet Drain based on flows developed in the hydrological study.

We are available to discuss the report with you at your convenience.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.

Alfonso Renjifo

AR/mm

CAUTION

SEE

ATTACHED COMMENTS

Do not use 100 yr flood profile.

Hydrology has been revised, see Hubbell, Roth, & Clark's Rerun, using revised Q's.

CITY OF TRENTON

REVIEW OF FLOOD INSURANCE STUDY

HUBBELL, ROTH & CLARK, INC.
Consulting Engineers

November 4, 1982

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INTRODUCTION.....1

OBJECTIVE.....1

OUTLINE OF WORK.....1

CONCLUSIONS.....1

RECOMMENDATIONS.....2

COORDINATION OF STUDY.....2

MODEL INPUT MODIFICATIONS.....3

REDUCED DISCHARGES.....7

BACKWATER ANALYSIS WITH REDUCED FLOWS.....7

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2 - BRIDGE COEFFICIENTS.....6

3 - FRANK AND POET DRAIN - 100 YEAR FLOWS.....7

4 - FRANK AND POET DRAIN FLOODWAY DATA.....8

EXHIBITS

1 - FRANK AND POET DRAIN - FLOOD PROFILES

2 - FRANK AND POET DRAIN - FLOOD PROFILES

3 - FRANK AND POET DRAIN - FLOOD PROFILES

ATTACHMENTS

Letter from the State of Michigan Department of Natural Resources. Re: Hydrology of the Frank and Poet Drain

Letter from the State of Michigan Department of Natural Resources. Re: Hydraulic Analysis review.

List of homes within the City of Trenton in or near the flood plain.

Computer Printouts (Under separate cover)

CITY OF TRENTON
REVIEW OF FLOOD INSURANCE STUDY

Introduction

The work described herein is the second phase of the review of the Flood Insurance Study for the City of Trenton, as authorized by the City Council on February 16, 1982. The work carries out the first part of the recommendations contained in our report of January 19, 1982. Our firm, Hubbell, Roth & Clark, Inc., Consulting Engineers, stands ready to support the City in the appeal to the Federal Emergency Management Agency (FEMA) which is recommended herein.

Objective

The objective of the work performed was to develop a technical base for an appeal to the Federal Emergency Management Agency (FEMA) to lower the flood elevations established in the Flood Insurance Study (FIS) published in February 17, 1981. This objective was pursued by further hydraulic analysis using the reduced discharges given by the Michigan Department of Natural Resoures (MDNR) in a letter-report dated December 18, 1981, and later revised on August 20, 1982.

Outline of Work

1. Use hydraulic analysis file from Flood Insurance Study (FIS) as a base framework for the reanalysis.

2. Develop revised hydraulic loss coefficients.

3. Revise bridge cross-section modeling.

4. Review and revise stream cross-sections as necessary.

5. Run hydraulic analysis using the revised file in the HEC 2 computer program. Use the FIS discharges to check the file and then the revised MDNR discharges to determine if the flood elevations change with the change in discharge.

6. Submit all work to the MDNR for their review on June 17, 1982.

7. A new hydraulic analysis was performed after the MDNR reviewed the previous work and recommended on August 20, 1982 some modifications to the model input and revised discharges.

8. Review the revised discharges produced by the MDNR, particularly the methods and amount of detailed information available for their study.

Conclusions

1. Modifications in the model input did not substantially affect the water level elevations published in the FIS.

2. Based on the lowest grades of homes the comparison between the flood stage elevations obtained using the DNR 100-year reduced flows to those from the FIS gives the following results:

   184 homes previously affected by the flood are out of the flood plain. Of these 184 houses, 95 had been demonstrated to be above the flood elevation by the City survey. The balance of 89 are demonstrated by the new hydraulic analysis to be no longer below the flood elevation.

   (Attached to this report is the list of homes prepared from the FIS showing the Lowest Average Grade Point, and the approximate flood stage elevation based on the 100 year reduced flows).

3. The flood stage elevations published in the FIS are too high.

4. Discharge flows not based on regional hydrologic studies are not reliable.

Recommendations

1. Request that FEMA revise the FIS flood profiles to reflect the new elevations provided in this report.

2. Request that FEMA undertake a complete hydrologic study of the entire Frank and Poet drainage basin instead of using a piecemeal approach based on political boundaries.

3. Request that FEMA undertake a new hydraulic analysis of the entire length of the Frank and Poet Drain based on flows developed in the hydrolgic study.

Coordination of Study

Continuing discussions were held with the MDNR, the State Coordinating Agency for the flood insurance program, during the progress of this study. They reviewed the hydraulic modeling of the stream and provided, in addition to the flows, valuable suggestions on the work. Their conclusions on the final computer modeling are given in their letter of October 8, 1982. In that letter they state that "....the hydraulic analysis performed by Hubbell, Roth & Clark, Inc. appears to provide a reasonable estimation of the flood hazard for the City of Trenton."

Model Input Modifications

All parameters and correctness of the model input were reviewed and modified, if necessary, prior to running the backwater analysis program (HEC-2) using the reduced 100-year discharge flows.

1. Roughness Coefficients

   Table 1 shows the revised roughness coefficients along with those used in the FIS.

2. Bridge Loss and Weir Coefficients

   Table 2 shows the updated bridge loss coefficients along with those used in the FIS.

3. Correctness of Model Input

   The most substantial modification made in the input model was the expansion of the channel width throughout the study reach. The channel bottom width instead of the top of bank distance was used in the original FIS.

   Other Changes

   a) Modifications to the immediate upstream and downstream cross sections at the West Road bridge and the geometry of the bridge. These modifications were based on new field information taken by the City forces on September 1st, 1982.

   b) Modification of encroachments upstream and downstream of the D.T.& I and West Road bridges.

   c) Additional GR points and BT points in some cross sections of the stream.

   d) The bridge table cards moved from the downstream section of Vreeland Rd. to the upstream section.

   e) The location of the channel was changed in Section 52 + 61.

   f) The order of the cards was changed in Section 82 + 20.

To determine the effect of these modifications on the backwater profile a run was made using the FIS flows. The effect of these modifications was very minor. The water elevations generated by the modified input are higher downstream from West Road and lower upstream of this point.

TABLE 1

TRENTON FLOOD INSURANCE STUDY REVIEW
ROUGHNESS COEFFICIENTS - EXPANSION & CONTRACTION COEFFICIENTS

	U P D A T E D						ORIGINAL FIS				
X-Section	n LOB	n ROB	n CH	n changes within a section (n, station)	Contract Coeff.	Expans. Coeff.	n LOB	n ROB	n CH	Contract Coeff.	Expans. Coeff.
0	0.06	0.06	0.035		0.3	0.5	0.06	0.06	0.035	0.3	0.5
2	0.02	0.018	0.012		0.0	0.0					
4	0.12	0.12	0.035		0.0	0.0	0.045	0.045	0.032	0.0	0.0
291				0.12,50'-0.055, 410'-0.035, 432.8' 0.12, 681'	0.1	0.3	0.12	0.1	0.04	0.1	0.3
1939	0.105	0.105	0.05		0.1	0.3					
2659	0.13	0.13	0.07		0.1	0.3					
3189	0.105	0.145	0.060		0.1	0.3					
3389	0.055	0.14	0.06		0.3	0.5	0.06	0.06	0.04	0.3	0.5
3403	0.08	0.08	0.06		0.3	0.5					
3443	0.13	0.035	0.055		0.1	0.3	0.08	0.08	0.035	0.1	0.3
4266	0.12	0.15	0.06		0.1	0.3					
4617	0.12	0.15	0.06		0.1	0.3	0.08	0.08	0.035	0.1	0.3
4797	0.05	0.05	0.035		0.3	0.5	0.06	0.06	0.035	0.3	0.5
4848	0.035	0.035	0.055		0.3	0.5					
5041	0.095	0.085	0.06		0.3	0.5					
5649	0.07	0.07	0.05		0.3	0.5	0.07	0.07	0.035	0.3	0.5
5800	0.035	0.035	0.035		0.1	0.3	0.07	0.07	0.035	0.1	0.3
5938	0.035	0.035	0.035		0.3	0.5	0.06	0.12	0.035	0.3	0.5
6100	0.065	0.045	0.045		0.3	0.5					
6270	0.065	0.045	0.045		0.3	0.5	0.07	0.07	0.04	0.3	0.5
6282	0.035	0.03	0.045		0.3	0.5					
6928	0.035	0.03	0.05		0.1	0.3					
7992	0.045	0.035	0.035		0.1	0.3	0.05	0.05	0.035	0.1	0.3
8164	0.045	0.035	0.035		0.1	0.3	0.04	0.04	0.035	0.3	0.5
8220	0.04	0.035	0.045		0.3	0.5	0.04	0.04	0.035	0.3	0.5
8270	0.04	0.035	0.045		0.1	0.3	0.05	0.05	0.035	0.1	0.3
9426	0.035	0.035	0.045		0.1	0.3					
10844	0.04	0.03	0.035		0.1	0.3					
10994	0.04	0.03	0.035		0.1	0.3	0.06	0.06	0.04	0.3	0.5
11078				0.035, 408'-0.1, 433' 0.035, 470'-0.1, 491' 0.035, 752'							

TABLE 1 (Continuation)
TRENTON FLOOD INSURANCE STUDY REVIEW
ROUGHNESS COEFFICIENTS - EXPANSION & CONTRACTION COEFFICIENTS

	U P D A T E D						ORIGINAL FIS				
X-Section	n LOB	n ROB	n CH	n changes within a section (n, station)	Contract Coeff.	Expans. Coeff.	n LOB	n ROB	n CH	Contract Coeff.	Expans. Coeff.
12404				0.035, 390'-0.1, 413.5 0.035, 444.5'-0.1, 460' - 0.035, 619'			0.06	0.07	0.035	0.3	0.5
13397	0.035	0.035	0.045		0.1	0.3					
13597	0.035	0.035	0.055		0.3	0.5	0.06	0.07	0.04	0.3	0.5
13703							0.06	0.06	0.035	0.1	0.3
15374	0.035	0.035	0.045		0.3	0.5					
16085	0.040	0.040	0.05		0.3	0.5					
16235	0.06	0.06	0.04		0.3	0.5	0.06	0.06	0.04	0.3	0.5
16335	0.1	0.07	0.035		0.1	0.3	0.1	0.07	0.035	0.1	0.3

TABLE 2
TRENTON FLOOD INSURANCE STUDY REVIEW
BRIDGE COEFFICIENTS

X-Section	Updated			Original FIS		
	K Pier Shape	K Total Loss	C Weir Flow	K Pier Shape	K Total Loss	C Weir Flow
3	0.0	1.96	3.0	-	-	-
3403	0.0	1.48	3.0	0.0	1.65	3.0
4848	0.0	1.53	3.0	0.0	1.76	3.0
5041	0.0	1.43	3.0	0.0	1.68	3.0
5681	0.0	1.45	3.0	0.0	1.66	3.0
6022	0.0	1.39	3.0	1.25	1.5	3.0
6282	1.25	1.66	3.0	1.25	1.59	3.0
8220	0.0	1.53	3.0	0.0	1.53	3.0
11078	1.05	1.71	3.0	1.05	2.19	3.0
12414	0.0	1.28	2.5	1.25	1.50	2.5
13653	0.0	1.69	3.0	0.0	1.6	3.0
16285	0.0	1.52	3.0	0.0	1.77	3.0

Reduced Discharges

The MDNR provided reduced 100-year flood discharges based on modeling taking into account the effect of dead storage on discharge. Table 3 shows the 100-year flows used in the FIS Study and the DNR 100-year Reduced Flows at different locations:

TABLE 3
FRANK AND POET DRAIN
100 YEAR FLOWS

	FIS (cfs)	MDNR Reduced Flows (cfs)
King Rd.	1800	1800
Harrison	1800	1615
West Road	1820	1430
Marion	1820	1430
D.T.& I.	1820	1120
Penn Central	1840	1060
Vreeland	1105	1060

The MDNR flows listed above result from a rigorous analysis of the physical conditions found in Trenton. However, the detailed information necessary to apply the method upstream of the City is not available at this time. A study of the upstream areas, which are extensive, is necessary to produce a more dependable series of discharges. Such a study is expected to reduce further the flows through Trenton.

MDNR has supplied two sets of flows. The first set based on the water surface profiles of the FIS, are presented in their letter report of December 18, 1981, copy attached. The second set, based on profiles proudced by this office, was provided by telephone on August 20, 1982. The second, and final, discharges are listed above.

Backwater Analysis with Reduced Flows

Having determined that the model input modifications have a very minor effect on the floodway profiles, the model was run using the reduced flows supplied by MDNR. Table 4 shows the flood stage elevations as determined by the FIS, those obtained with the reduced flows and the difference between them. The water level elevations are lower by an average of 0.22 feet downstream of the D.T.& I. RR bridge. Upstream of this location, where most of the structures affected by high flood stages are located, the resulting water elevations are lower by an average of 0.80 feet.

Flood profiles from the 100-year reduced flows backwater anlaysis together with those obtained in the FIS are shown in Exhibits 1, 2 and 3.

TABLE 4
FRANK AND POET DRAIN
FLOODWAY DATA

Cross Section	Location	Distance (1)	Water Surface Elevation		
			FIS Flows	FIS Flows Modified Input	h
A	D/S Vreeland Rd.	242	582.10	582.10	-
B	U/S Vreeland Rd.	291	582.10	582.14	+0.04
C		1939	582.20	582.20	-
D		2659	582.30	582.24	-0.06
E	D/S Conrail	3389	582.40	582.23	-0.17
F	U/S Conrail	3403	584.60	583.70	-0.90
G		4266	584.60	584.45	-0.15
H		4617	584.60	584.46	-0.14
I	U/S Fort Rd. N.B.	4848	584.70	584.53	-0.17
J	U/S Fort Rd. S.B.	5041	584.80	584.59	-0.21
K	D/S Van Horn Rd.	5649	585.00	584.79	-0.21
L		5800	585.10	584.86	-0.24
M		5938	585.10	584.86	-0.24
N		6022	585.10	584.92	-0.18
O	D/S D.T & I. RR	6270	585.10	584.91	-0.19
P	U/S D.T & I. RR	6282	585.30	585.06	-0.24
Q		6332	585.90	585.21	-0.69
R		6928	586.00	585.24	-0.76
S		7992	586.10	585.25	-0.85
T	D/S Marion Drive	8164	586.10	585.23	-0.87
U	U/S Marion Drive	8220	586.20	585.36	-0.84
V		8270	586.20	585.38	-0.82
W		9426	586.40	585.56	-0.84
X		10,844	586.60	585.71	-0.89
Y	D/S West Rd.	10,944	586.60	585.71	-0.89
Z	U/S West Rd.	11,078	586.70	585.89	-0.81
AA		11,148	586.70	585.91	-0.79
AB		12,404	587.20	586.32	-0.88
AC		13,397	587.40	586.49	-0.91
AD	D/S Harrison Rd.	13,597	587.50	586.49	-1.01
AE	U/S Harrison Rd.	13,653	587.50	586.74	-0.76
AF		13,703	587.50	586.75	-0.75
AG		15,365	587.70	586.93	-0.77
AH		16,085	587.80	586.98	-0.82
AI	D/S King Rd.	16,235	587.80	586.99	-0.81

(1) Feet above limit of detailed study 210 feet downstream from Vreeland Road.

NATURAL RESOURCES COMMISSION
JACOB A. HOEFER
E. M. LAITALA
HILARY F. SNELL
PAUL H. WENDLER
HARRY H. WHITELEY
JOAN L. WOLFE
CHARLES G. YOUNGLOVE

STATE OF MICHIGAN

WILLIAM G. MILLIKEN, Governor

DEPARTMENT OF NATURAL RESOURCES

STEVENS T. MASON BUILDING
BOX 30028
LANSING, MI 48909
HOWARD A. TANNER, Director

October 8, 1982

Mr. Alfonso Renjifo
Hubbell, Roth & Clark, Inc.
P. O. Box 824
2323 Franklin Road
Bloomfield Hills, Michigan 48013

Re: City of Trenton
Wayne County
Frank and Poet Drain

Dear Mr. Renjifo:

We have completed review of the hydraulic analysis of the Frank and Poet Drain as presented in your September 17, 1982 submittal. Based on the available information and data, the hydraulic model appears to provide a reasonable estimation of the flood hazard for the City of Trenton. If the City of Trenton desires that your flood profiles be reflected in their flood insurance study it will be necessary to submit the hydraulic analysis to FEMA's regional office in Chicago, for review and comment. Following their review of the analysis, FEMA will decide if a revision to the FIS is warranted.

It should be pointed out that an FIS is currently underway in the upstream community of Taylor. It is possible that the flood discharges may be further altered as a result of this study. Additional revisions to the FIS for the City of Trenton are unlikely unless it could be demonstrated that the revisions would have an impact on the profile in excess of .5 feet.

If you have any questions, please feel free to contact us (517/373-3930).

Sincerely,

Daniel H. Morgan, P.E., Chief
Technical Programs

Bruce E. Menerey

by: Bruce E. Menerey, P.E.
Technical Programs
Water Management Division

RECEIVED
OCT 12 1982
H.R.&C., INC.

DHM/BEM:mks
cc: Ghassan J. Hami, City of Trenton
F. Finch, FEMA
S. Miller

NATURAL RESOURCES COMMISSION
JACOB A. HOEFER
E. M. LAITALA
HILARY F. SNELL
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DEPARTMENT OF NATURAL RESOURCES

STEVENS T. MASON BUILDING
BOX 30028
LANSING, MI 48909
HOWARD A. TANNER, Director

RECEIVED
CITY OF TRENTON
DEC 21 1981
ENGINEERING & BUILDING DEPT.
TIME:
PER:

December 18, 1981

c/ HR&C

RECEIVED
DEC 22 1981
H.R. & C. INC.

Mr. Ghassan J. Hami, P.E.
City Engineer, City of Trenton
Engineering & Building Department
2800 Third Street
Trenton, Michigan 48183

Re: Hydrology of Frank and Poet Drain

Dear Mr. Hami:

Staff of the Hydrologic Studies Unit have been reviewing the hydrology used in the flood insurance study for the City of Trenton. During our meeting of August 7, 1981, we discussed four areas of concern regarding the hydrology of the Frank and Poet; lack of detailed information on the hydrology of the Frank and Poet in Taylor, rainfall data, storage caused by major road restrictions in the community of Southgate, and the effect of distributed storage along the stream channel in Riverview and Trenton.

1. Further detail on the hydrology of the Frank and Poet in Taylor will not be available until completion of the flood insurance study there. Detailed information is required as the hydrology in the watershed is very complex. Given the available information, it is my opinion that the flows developed by Brater's method are the best estimates available at this time.

2. I requested the Weather Service Division of the Michigan Department of Agriculture to review the rainfall data in the Trenton area and to comment on Norton D. Strommen's report "Urban Influences on Rainfall in the Detroit, Michigan, Area". Attached is a copy of the response from Dr. Fred Nurnberger. Given this report and available information, it is my opinion the rainfall used in the study is the best estimate available at this time.

3. Storage in the community of Southgate was evaluated using the SCS TR-20 model with storage indication option. This analysis showed only minor attenuation to the hydrograph due to the restrictions in Southgate. Attached is a copy of the TR-20 run.

4. The flood hydrograph was routed through the communities of Riverview and Trenton using the convex flood routing method in the TR-20 model. This analysis showed only minor attenuations to the flood peak. Given the flat stream slope, backwater effects and the distributed storage, staff felt a more accurate representation of the dynamics of the system could be given using an unsteady state model which accounts for dead storage areas. We used the program DAMBRK which was developed by Danny Fread who is a research hydrologist with the National Weather Service. The revised hydrology based on this model is given in Table 1 which is attached. Discharges at intervening points between the ones listed can be obtained by linear interpolation.

We would be interested in seeing the results of the HEC-2 runs showing the effects of these reduced discharges. Also, would you please send the elevations obtained on October 1, 1981. U.S. Geological Survey has estimated the peak during that storm to be 250 cfs.

If you or your consulting engineers have any questions, please give me a call at 517/373-0208.

Sincerely,

Steve A Miller

Steve A. Miller, P.E., Chief
Hydrologic Studies Unit
Water Management Division

SAM:cw

Atts.

cc: Dan Morgan
Norb Schwartz

FRANK & POET DRAIN

Location	Q_{10} cfs	Q_{100} cfs
Pennsylvania Rd	1090	1630
Sibley Rd	1260 *	1890 *
King Rd	1185	1740
Harrison Rd	1100	1580
West Rd	930	1320
Marian Dr.	785	1090
DT&I Rd	760	1060
Vreeland Rd	740	1050

* Local increase due to runoff from intervening area

Flows can be linearly interpolated (as a function of distance) between Sibley and Vreeland Roads. Upstream of Sibley should use the flows at Pennsylvania Road.

CITY OF TRENTON, MICHIGAN

FLOOD INSURANCE STUDY

HOUSES SHOWN AS FLOODED BY THE ORIGINAL FLOOD PROFILE

TABLE 1

Houses Not flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
1563 Rose Lane	588.8	586.97
1523 Rose Lane	587.4	586.98
1501 Glen Lane	589.2	586.99
1521 Glen Lane	589.4	586.98
1551 Glen Lane	589.7	586.97
1561 Glen Lane	588.5	586.97
1571 Glen Lane	588.4	586.97
1581 Glen Lane	588.5	586.97
1591 Glen Lane	588.4	586.97
1595 Glen Lane	588.2	586.95
1598 Glen Lane	588.3	586.95
1727 Churchill Avenue	587.2	586.95
1737 Churchill Avenue	587.2	586.94
1746 Churchill Avenue	587.8	586.93
1747 Churchill Avenue	587.3	586.93
1756 Churchill Avenue	587.6	586.93
1757 Churchill Avenue	587.6	586.93
1766 Churchill Avenue	587.2	586.92
1827 Churchill Avenue	587.3	586.89
1837 Churchill Avenue	587.4	586.88
1846 Churchill Avenue	587.1	586.88
1847 Churchill Avenue	587.1	586.88
1857 Churchill Avenue	587.2	586.87
1915 Churchill Avenue	587.1	586.83
1936 Churchill Avenue	587.6	586.82
2228 Churchill Avenue	587.2	586.49
2229 Churchill Avenue	587.3	586.49
2238 Churchill Avenue	587.4	586.49
2239 Churchill Avenue	587.1	586.49
2248 Churchill Avenue	587.1	586.49
2249 Churchill Avenue	587.3	586.49

Houses Not flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
2258 Churchill Avenue	587.1	586.48
2259 Churchill Avenue	587.2	586.48
2268 Churchill Avenue	587.4	586.48
2439 Churchill Avenue	587.1	586.42
1776 Churchill Avenue	587.0	586.92
1826 Churchill Avenue	586.9	586.89
1836 Churchill Avenue	587.0	586.88
1867 Churchill Avenue	587.0	586.86
2208 Churchill Avenue	586.7	586.49
2209 Churchill Avenue	586.5	586.49
2218 Churchill Avenue	586.9	586.49
2219 Churchill Avenue	587.0	586.49
2269 Churchill Avenue	586.8	586.48
2278 Churchill Avenue	586.9	586.48
2279 Churchill Avenue	586.7	586.48
2289 Churchill Avenue	586.5	586.47
2418 Churchill Avenue	585.6	586.43
2429 Churchill Avenue	586.8	586.43
2449 Churchill Avenue	586.7	586.42
3290 Greenview	587.8	586.94
3292 Greenview	588.0	586.94
3294 Greenview	588.3	586.94
3296 Greenview	588.4	586.94
3298 Greenview	588.7	586.94
1745 Newman Drive	589.4	586.93
1755 Newman Drive	590.7	586.93
1765 Newman Drive	590.3	586.92
1775 Newman Drive	590.1	586.92
1785 Newman Drive	589.8	586.92
1795 Newman Drive	589.5	586.91
1797 Newman Drive	589.1	586.91
1805 Newman Drive	589.1	586.90
1825 Newman Drive	589.1	586.89
1835 Newman Drive	589.1	586.88
1845 Newman Drive	589.2	586.87
1855 Newman Drive	589.1	586.87

Houses Not flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
1865 Newman Drive	588.8	586.86
1875 Newman Drive	588.3	586.86
1905 Newman Drive	588.4	586.84
1915 Newman Drive	588.9	586.84
1925 Newman Drive	588.7	586.83
1935 Newman Drive	589.2	586.82
1945 Newman Drive	588.8	586.82
1955 Newman Drive	588.6	586.81
1975 Newman Drive	588.7	586.81
1985 Newman Drive	588.9	586.80
1995 Newman Drive	588.8	586.80
2005 Newman Drive	588.8	586.79
2075 Newman Drive	588.6	586.79
2095 Newman Drive	588.5	586.78
2105 Newman Drive	588.4	586.77
2135 Newman Drive	587.9	586.77
2155 Newman Drive	588.1	586.76
2195 Newman Drive	587.3	586.75
2207 Newman Drive	587.8	586.49
2217 Newman Drive	587.8	586.49
2227 Newman Drive	587.6	586.49
2237 Newman Drive	587.6	586.49
2247 Newman Drive	587.2	586.49
2257 Newman Drive	586.8	586.48
2267 Newman Drive	587.2	586.48
2277 Newman Drive	586.5	586.47
3385 Plainview	588.4	586.77
3395 Plainview	589.8	586.77
3386 Harrison	588.6	586.75
3396 Harrison	589.0	586.75
2541 Westfield Road	588.2	586.24
2421 Westfield Road	587.6	586.42
2431 Westfield Road	587.5	586.42
2495 Westfield Road	587.4	586.30
2531 Westfield Road	587.6	586.26
3217 Margaret Court	587.1	586.04
3202 Margaret Court	586.7	586.12
3203 Margaret Court	586.7	586.10

Houses Not flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
3210 Margaret Court	586.7	586.14
3211 Margaret Court	586.9	586.08
3216 Margaret Court	586.6	586.18
3222 Margaret Court	586.4	586.20
3223 Margaret Court	586.8	586.04
3223 Stella Court	586.5	585.92
3210 Stella Court	586.1	585.95
3217 Stella Court	586.5	585.91
3179 Middlefield Road	586.6	585.56
3309 Middlefield Road	586.7	585.55
3319 Middlefield Road	586.7	585.55
3329 Middlefield Road	586.0	585.54
3330 Middlefield Road	586.0	585.54
3359 Middlefield Road	586.1	585.52
3339 Middlefield Road	585.6	585.53
3340 Middlefield Road	585.9	585.53
3349 Middlefield Road	585.8	585.52
3350 Middlefield Road	585.7	585.53
3419 Middlefield Road	585.6	585.47
3426 Middlefield Road	585.6	585.44
2800 Marian Drive	586.4	585.38
2805 Marian Drive	586.9	585.23
2820 Marian Drive	586.0	585.38
2825 Marian Drive	586.4	585.23
2841 Marian Drive	586.1	585.23
3377 Norwood Avenue	587.1	585.50
3378 Norwood Avenue	587.0	585.50
3387 Norwood Avenue	586.6	585.49
3388 Norwood Avenue	586.8	585.49
3397 Norwood Avenue	586.3	585.48
3398 Norwood Avenue	586.5	585.49
3407 Norwood Avenue	586.3	585.47
3408 Norwood Avenue	586.4	585.48
3627 Norwood Avenue	586.0	585.39
3437 Norwood Avenue	585.7	585.44
3458 Norwood Avenue	585.9	585.44
3608 Norwood Avenue	585.8	585.40

NC	.120	.150	.060	.100	.300	0.000	0.000	0.000	0.000	0.000
	0 SECTION SAME AS 11994									
X1	4266.000	21.000	362.000	388.000	745.000	745.000	745.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	125.000	574.770	178.000	575.470	308.000	576.470	323.000
GR	577.270	338.000	577.470	343.000	577.470	348.000	577.570	353.000	577.320	362.000
GR	575.520	364.000	572.270	375.000	574.870	386.000	579.220	388.000	580.110	418.000
GR	580.020	478.000	580.220	500.000	580.670	515.000	580.460	540.000	582.850	580.000
GR	585.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.120	.150	.060	.100	.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	1.410	0.000	0.000	0.000	0.000	0.000
	0 STOPPED AT HOUSE LINE, BASED ON FIELD NOTES : QUAD MAP									
X1	4617.000	15.000	250.000	320.000	351.000	351.000	351.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	120.000	580.000	160.000	578.000	240.000	577.500	250.000
GR	572.500	260.000	572.460	285.000	572.500	310.000	578.000	320.000	578.200	330.000
GR	585.000	331.000	585.000	365.000	579.000	366.000	580.000	415.000	585.000	416.000
NC	.050	.050	.035	.300	.500	0.000	0.000	0.000	0.000	0.000
	0 D/S FACE OF FORT ST. NB									
X1	4797.000	12.000	333.000	427.000	120.000	180.000	260.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	583.000	583.000	0.000
GR	584.100	40.000	583.000	290.000	580.000	300.000	579.310	333.000	576.060	348.000
GR	572.460	379.000	576.160	409.000	578.660	419.000	580.000	427.000	582.000	548.000
GR	584.000	568.000	585.700	628.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.035	.035	.055	.300	.500	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.530	3.000	0.000	51.000	0.000	377.400	0.000	572.460	572.460
	0 U/S FACE OF FORT ST. NB									
X1	4848.000	15.000	340.000	389.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	579.860	583.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	583.000	583.000	0.000
BT	9.000	40.000	584.100	584.100	300.000	583.400	582.000	340.000	583.630	579.760
BT	341.000	584.580	579.860	388.000	584.580	579.860	389.000	584.020	582.000	439.000
BT	584.440	584.200	585.000	585.600	585.600	629.000	585.640	585.640	0.000	0.000
GR	584.100	40.000	583.000	290.000	582.000	300.000	579.760	340.000	579.760	340.900
GR	573.810	341.000	572.460	359.000	572.960	388.000	580.020	388.100	582.000	389.000
GR	582.000	425.000	584.000	435.000	584.200	439.000	585.600	585.000	585.640	629.000
X1	4919.000	0.000	0.000	0.000	71.000	71.000	71.000	0.000	0.000	0.000
	0 D/S FACE OF FORT ST. SB									
X1	4990.000	14.000	510.000	610.000	71.000	71.000	71.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	583.000	583.000	0.000
GR	584.100	50.000	583.000	140.000	580.000	300.000	582.000	350.000	583.300	460.000
GR	584.000	510.000	579.720	550.400	574.460	550.500	572.100	574.000	572.310	597.500
GR	579.710	597.600	584.000	610.000	586.000	630.000	586.000	770.000	0.000	0.000
NC	.095	.085	.060	.300	.500	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.430	3.000	0.000	51.000	0.000	517.650	0.000	572.100	572.100

0 U/S FACE OF FORT ST. SB

X1	5041.000	13.000	520.000	569.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	582.250	582.970	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	583.000	583.000	0.000
BT	11.000	50.000	584.100	584.100	300.000	583.000	583.000	310.000	583.110	582.800
BT	380.000	584.090	581.750	520.000	586.710	586.710	521.000	586.970	582.250	568.000
BT	586.970	582.250	569.000	587.160	587.160	580.000	588.000	588.000	585.000	590.000
BT	590.000	605.000	592.000	592.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	584.100	50.000	583.000	300.000	582.800	310.000	581.750	380.000	580.000	505.000
GR	586.710	520.000	575.160	521.000	572.600	545.000	572.810	568.000	587.160	569.000
GR	588.000	580.000	590.000	585.000	592.000	605.000	0.000	0.000	0.000	0.000
X1	5261.000	11.000	350.000	395.000	140.000	220.000	270.000	0.000	0.000	0.000
GR	583.200	50.000	583.500	300.000	582.000	350.000	580.000	355.000	578.900	360.000
GR	572.300	365.000	572.600	377.000	572.700	389.000	587.200	395.000	588.000	400.000
GR	583.000	405.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	5525.000	13.000	75.000	116.000	264.000	264.000	264.000	0.000	0.000	0.000
GR	583.200	0.000	580.000	75.000	578.700	77.000	572.300	82.000	572.270	95.000
GR	572.300	110.000	578.900	116.000	578.000	120.000	580.000	140.000	582.300	230.000
GR	583.000	330.000	583.500	360.000	590.000	361.000	0.000	0.000	0.000	0.000
NC	.070	.070	.050	.300	.500	0.000	0.000	0.000	0.000	0.000

0 D/S OF VAN HORN RD.

X1	5649.000	0.000	0.000	0.000	124.000	124.000	124.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1.000	0.000	359.000	0.000	578.500	578.500	0.000
SB	0.000	1.450	3.000	0.000	18.000	0.000	112.680	0.000	571.610	571.610

0 U/S OF VAN HORN RD.

X1	5681.000	16.000	82.000	148.000	32.000	32.000	32.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	578.330	582.230	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1.000	0.000	385.000	0.000	582.230	582.230	0.000
BT	10.000	0.000	582.800	582.800	5.000	582.700	582.000	35.000	582.500	580.000
BT	100.000	582.290	574.600	101.000	584.230	578.330	119.000	584.230	578.330	120.000
BT	582.230	572.800	256.000	582.270	581.700	356.000	583.000	582.500	386.000	583.500
BT	583.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	582.800	0.000	582.000	5.000	580.000	35.000	578.910	82.000	575.760	94.000
GR	574.600	100.000	575.500	101.000	572.100	115.000	572.700	119.000	572.800	120.000
GR	575.910	136.000	578.660	148.000	581.700	256.000	582.500	356.000	583.500	386.000
GR	590.000	387.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.035	.035	.035	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	5800.000	11.000	217.000	283.000	119.000	119.000	119.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	165.000	0.000	490.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	583.000	60.000	582.000	140.000	580.000	170.000	578.910	217.000
GR	575.760	229.000	572.100	250.000	575.910	271.000	578.660	283.000	580.000	450.000
GR	585.300	850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.035	.035	.035	.300	.500	0.000	0.000	0.000	0.000	0.000

	0 D/S 87 BY 136 CULVERT									
X1	5938.000	21.000	300.000	363.000	138.000	138.000	138.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	230.000	0.000	533.000	0.000	582.300	582.300	0.000
GR	586.000	0.000	585.000	50.000	582.000	229.000	580.700	300.000	574.200	309.000
GR	571.940	313.000	571.940	319.000	571.940	319.340	571.940	328.500	571.940	328.600
GR	571.940	331.400	571.940	331.500	571.940	340.660	571.940	341.000	571.940	353.000
GR	578.500	363.000	579.250	390.000	580.250	425.000	583.000	515.000	583.000	534.000
GR	583.000	600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.390	3.000	0.000	21.320	0.000	132.800	0.000	572.050	571.940
	0 U/S 87 BY 136 CULVERT									
X1	6022.000	0.000	0.000	0.000	84.000	84.000	84.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	579.330	582.300	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	245.000	587.700	421.000	587.700	0.000	0.000	0.000
BT	15.000	0.000	586.000	586.000	229.000	582.300	582.000	309.000	582.300	574.200
BT	319.000	582.300	571.940	319.340	582.300	579.190	328.500	582.300	579.190	328.600
BT	582.300	571.940	331.400	582.300	571.940	331.500	582.300	579.190	340.660	582.300
BT	579.190	341.000	582.300	571.940	353.000	582.300	571.940	363.000	582.300	578.500
BT	390.000	583.100	579.250	425.000	582.770	580.250	0.000	0.000	0.000	0.000
NC	.065	.045	.045	.300	.500	0.000	0.000	0.000	0.000	0.000
X1	6100.000	17.000	233.000	277.000	78.000	78.000	78.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	181.500	587.700	318.500	587.700	0.000	0.000	0.000
GR	585.000	0.000	581.400	55.000	581.100	125.000	582.000	170.000	582.200	177.000
GR	582.000	185.000	580.000	215.000	578.690	233.000	574.900	238.000	574.800	250.000
GR	574.900	272.000	580.290	277.000	578.100	315.000	578.500	385.000	578.800	465.000
GR	580.000	535.000	585.000	825.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.065	.045	.045	.300	.500	0.000	0.000	0.000	0.000	0.000
	0 D/S OF DT : 1 R.R.									
X1	6270.000	0.000	0.000	0.000	194.000	194.000	194.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	230.000	587.700	270.000	587.700	0.000	0.000	0.000
NC	.035	.030	.045	.300	.500	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.660	3.000	0.000	28.700	1.500	340.000	.920	574.900	574.900
	0 U/S OF DT : 1 R.R.									
X1	6282.000	13.000	251.000	318.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.200	587.700	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	254.500	587.700	294.500	587.700	0.000	0.000	0.000
GR	585.000	0.000	580.000	100.000	577.900	251.000	575.000	257.000	574.900	275.000
GR	575.000	287.000	576.790	296.000	578.000	301.000	580.000	305.000	582.000	313.000
GR	584.000	318.000	584.200	488.000	585.000	850.000	0.000	0.000	0.000	0.000
X1	6332.000	14.000	254.000	299.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	205.000	587.700	345.000	587.700	0.000	0.000	0.000
GR	585.000	0.000	582.000	73.000	580.000	163.000	580.000	233.000	578.000	243.000
GR	577.940	254.000	575.100	263.000	575.000	275.000	575.100	293.000	576.790	299.000
GR	578.000	321.000	578.200	421.000	580.000	523.000	582.500	725.000	0.000	0.000

NC	.035	.030	.050	.100	.300	0.000	0.000	0.000	0.000	0.000
	0 SECTION SAME AS 9332									
X1	6928.000	23.000	395.000	467.000	596.000	596.000	596.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	280.000	0.000	820.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	60.000	592.500	61.000	592.500	91.000	584.500	92.000
GR	583.000	250.000	591.000	251.000	591.000	281.000	583.000	282.000	580.000	300.000
GR	578.410	395.000	575.860	405.000	573.660	425.000	576.310	445.000	577.510	455.000
GR	580.310	467.000	581.460	507.000	581.910	542.000	583.310	622.000	583.000	825.000
GR	591.000	826.000	591.000	856.000	583.000	857.000	0.000	0.000	0.000	0.000
NC	.045	.035	.035	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	7992.000	20.000	425.000	491.000	1064.000	1064.000	1064.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	200.000	0.000	590.000	0.000	0.000	0.000	0.000
GR	593.000	0.000	585.000	1.000	584.000	111.000	592.000	112.000	592.000	142.000
GR	584.000	143.000	581.000	248.000	580.000	303.000	578.000	425.000	575.200	435.000
GR	575.080	450.000	575.200	476.000	578.000	491.000	580.000	543.000	582.000	563.000
GR	584.000	588.000	585.000	600.000	593.000	601.000	593.000	630.000	585.000	631.000
NC	.045	.035	.035	.100	.300	0.000	0.000	0.000	0.000	0.000
	0 D/S OF MARION DR.									
X1	8164.000	20.000	383.000	503.000	172.000	172.000	172.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	170.000	0.000	530.000	0.000	583.000	583.000	0.000
GR	585.000	0.000	584.500	100.000	592.500	101.000	592.500	130.000	584.500	131.000
GR	584.000	233.000	585.400	333.000	584.000	383.000	582.000	393.000	580.010	400.000
GR	577.410	410.000	575.080	425.000	577.560	451.000	580.460	466.000	585.900	503.000
GR	585.700	643.000	593.700	644.000	593.700	674.000	585.000	675.000	585.000	700.000
SB	0.000	1.530	3.000	0.000	52.000	0.000	409.760	0.000	0.000	0.000
NC	.040	.035	.045	.300	.500	0.000	0.000	0.000	0.000	0.000
QT	2.000	1430.000	930.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0 U/S OF MARION DR.									
X1	8220.000	30.000	404.000	485.000	56.000	56.000	56.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	582.960	584.300	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	170.000	0.000	530.000	0.000	0.000	0.000	0.000
BT	11.000	169.000	584.500	584.300	254.000	584.300	584.000	349.000	585.260	584.000
BT	389.000	585.850	584.000	423.500	586.090	577.500	424.000	586.460	582.960	476.000
BT	586.460	582.960	476.500	586.300	578.400	516.000	586.140	584.200	531.000	586.130
BT	584.200	654.000	585.870	585.870	0.000	0.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	100.000	592.500	101.000	592.500	130.000	584.500	131.000
GR	584.300	169.000	584.000	233.000	584.000	254.000	584.000	349.000	584.000	389.000
GR	584.000	404.000	582.000	409.000	580.010	414.000	577.500	423.500	577.460	424.000
GR	575.200	450.000	577.610	473.000	578.300	476.000	578.400	476.500	580.660	485.000
GR	582.000	489.000	584.000	497.000	584.200	516.000	584.200	531.000	585.200	644.000
GR	585.870	654.000	585.900	800.000	593.900	801.000	593.900	831.000	585.900	832.000
NC	.040	.035	.045	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	8270.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	67.000	0.000	574.000	0.000	0.000	0.000	0.000

NC	.035	.035	.045	.100	.300	0.000	0.000	0.000	0.000	0.000
	0 SECTION SAME AS 6834									
X1	9426.000	21.000	507.000	552.000	1156.000	1156.000	1156.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	450.000	0.000	640.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	65.000	592.500	66.000	592.500	96.000	584.500	97.000
GR	584.500	207.000	592.500	208.000	592.500	238.000	584.500	239.000	586.100	403.000
GR	585.350	421.000	581.050	441.000	579.300	458.000	578.750	485.000	579.450	507.000
GR	574.950	525.000	576.150	543.000	580.350	552.000	582.950	602.000	583.850	640.000
GR	586.900	750.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.040	.030	.035	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	10844.000	11.000	412.000	527.000	1418.000	1418.000	1418.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	393.000	586.100	557.000	586.100	0.000	0.000	0.000
GR	590.000	0.000	585.000	150.000	584.700	340.000	584.570	412.000	576.600	442.000
GR	576.550	475.000	576.600	502.000	583.670	527.000	586.000	565.000	588.000	595.000
GR	590.000	630.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.040	.030	.035	.100	.300	0.000	0.000	0.000	0.000	0.000
	. D/S OF WEST RD.									
X1	10994.000	21.000	195.000	305.000	150.000	150.000	150.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	206.000	585.980	294.000	585.980	0.000	0.000	0.000
GR	585.920	0.000	586.140	50.000	586.310	100.000	586.510	150.000	585.800	195.000
GR	584.790	200.000	581.270	210.000	578.480	220.000	578.480	230.000	576.790	240.000
GR	576.570	250.000	576.480	260.000	576.820	270.000	578.930	280.000	581.480	290.000
GR	584.540	300.000	586.150	305.000	587.270	350.000	588.420	400.000	588.980	450.000
GR	589.990	500.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.050	1.710	3.000	0.000	51.830	3.000	510.400	2.000	576.530	576.570
NC	.040	.035	.040	.100	.300	0.000	0.000	0.000	0.000	0.000
QT	2.000	1615.000	1100.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	. U/S OF WEST RD.									
X1	11078.000	34.000	195.000	305.000	84.000	84.000	84.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.240	585.980	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	206.000	585.980	294.000	585.980	0.000	0.000	0.000
BT	20.000	0.000	585.980	585.980	100.000	586.040	586.040	200.000	589.450	584.750
BT	206.620	589.450	584.750	206.720	589.450	581.400	206.820	589.450	584.240	231.650
BT	589.720	584.240	231.750	589.720	578.170	233.250	589.720	578.170	233.350	589.720
BT	584.240	266.650	589.720	584.240	266.750	589.720	576.790	268.250	589.720	576.790
BT	268.350	589.720	584.240	293.370	589.720	584.240	293.470	589.720	580.740	300.000
BT	589.730	584.320	300.100	586.440	584.320	400.000	588.040	588.040	500.000	590.190
BT	590.190	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	585.980	0.000	586.030	50.000	586.040	100.000	586.130	150.000	586.160	195.000
GR	584.750	200.000	584.750	206.620	581.400	206.720	581.400	206.820	581.400	210.000
GR	578.840	220.000	578.170	230.000	578.170	231.650	578.170	231.750	578.170	233.250
GR	578.170	233.350	576.920	240.000	576.530	250.000	576.550	260.000	576.790	266.650
GR	576.790	266.750	576.790	268.250	576.790	268.350	576.790	270.000	578.620	280.000
GR	580.740	290.000	580.740	293.370	580.740	293.470	584.320	300.000	584.320	300.100
GR	585.690	305.000	587.220	350.000	588.040	400.000	590.190	500.000	0.000	0.000

X1	11148.000	30.000	433.000	491.000	70.000	70.000	70.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	350.000	586.100	550.000	586.100	0.000	0.000	0.000
GR	590.000	0.000	586.700	250.000	586.700	253.000	585.000	350.000	584.000	370.000
GR	582.000	408.000	581.320	428.250	584.250	428.260	584.250	429.750	581.300	429.760
GR	581.220	433.000	578.920	441.000	576.550	450.000	577.000	452.000	577.200	453.000
GR	578.820	462.000	578.000	463.250	584.250	463.260	584.250	464.750	578.910	464.760
GR	582.170	470.000	584.000	483.000	584.100	490.000	584.200	491.000	586.000	583.000
GR	588.500	671.000	590.000	720.000	598.000	721.000	598.000	751.000	590.000	752.000
NH	5.000	.035	390.000	.100	413.500	.035	444.500	.100	460.000	.035
NH	619.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	12404.000	27.000	413.500	444.500	1256.000	1256.000	1256.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	581.000	581.000	0.000
GR	590.000	0.000	587.720	60.000	596.000	61.000	596.000	91.000	587.720	92.000
GR	585.490	250.000	583.210	296.000	581.510	381.000	581.600	390.000	582.050	413.000
GR	577.920	413.500	574.920	418.200	577.920	422.900	577.920	424.300	574.920	429.000
GR	577.920	433.700	577.920	435.100	574.920	439.800	577.920	444.500	582.110	445.000
GR	582.050	460.000	582.060	475.000	582.710	550.000	585.210	578.000	585.810	588.000
GR	593.810	589.000	593.810	619.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.280	2.500	0.000	8.000	0.000	84.800	1.000	0.000	0.000
X1	12414.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	580.920	581.510	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	581.510	581.510	0.000
BT	20.000	0.000	590.000	590.000	60.000	587.720	587.720	250.000	585.490	585.490
BT	296.000	583.210	583.210	381.000	581.510	581.000	413.000	582.050	582.050	413.500
BT	582.050	577.920	418.200	582.030	580.920	422.900	582.110	577.920	424.300	582.110
BT	577.920	429.000	582.110	580.920	433.700	582.110	577.920	435.100	582.110	577.920
BT	439.800	582.110	580.920	444.500	582.110	577.920	445.000	582.110	582.110	475.000
BT	582.060	582.060	550.000	582.710	582.710	578.000	585.210	585.210	588.000	585.810
BT	585.810	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.035	.035	.045	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	13397.000	15.000	382.000	416.000	992.000	992.000	992.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	180.000	0.000	740.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	586.000	192.000	584.000	217.000	582.000	317.000	581.300	332.000
GR	582.000	352.000	583.970	382.000	578.100	388.000	578.040	400.000	578.100	406.000
GR	580.970	416.000	582.000	592.000	582.000	700.000	590.000	701.000	590.000	741.000
NC	.035	.035	.055	.300	.500	0.000	0.000	0.000	0.000	0.000
	. D/S OF HARRISON RD.									
X1	13597.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	180.000	0.000	740.000	0.000	585.000	585.000	0.000
SB	0.000	1.690	3.000	0.000	55.000	0.000	379.500	0.000	0.000	0.000
QT	2.000	1800.000	1185.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	. U/S OF HARRISON RD.									
X1	13653.000	32.000	390.000	485.000	56.000	56.000	56.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.940	585.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	180.000	0.000	740.000	0.000	584.800	584.800	0.000
BT	16.000	(179.000	586.700	586.700)	(188.000	586.380	586.200)	(200.000	586.000	586.000)
BT	(212.000	585.500	585.500)	(312.000	587.890	584.400)	(396.500	588.320	583.200)	(397.000
BT	588.440	584.940)	(453.000	588.440	584.940)	(454.000	588.070	581.200)	(470.000	587.800

BT	582.000)	(485.000	587.300	584.000)	(489.000	587.270	584.000)	(589.000	586.470	584.000)
BT	(654.000	585.770	584.000)	(741.000	585.000	584.000)	(750.000	585.000	584.000)	0.000
GR	590.000	0.000	590.000	65.000	598.000	66.000	598.000	96.000	590.000	97.000
GR	586.700	179.000	586.200	188.000	586.000	200.000	585.500	212.000	585.000	225.000
GR	584.400	312.000	584.000	390.000	583.200	396.500	583.000	397.000	582.000	405.000
GR	581.620	410.000	578.140	419.000	578.100	425.000	578.140	437.000	580.000	447.000
GR	581.100	453.000	581.200	454.000	582.000	470.000	584.000	485.000	584.000	489.000
GR	584.000	589.000	584.000	625.000	584.000	654.000	584.000	741.000	584.000	750.000
GR	592.000	751.000	592.000	781.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	13703.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	180.000	0.000	740.000	0.000	0.000	0.000	0.000
	. SECTION SAME AS 895									
X1	15365.000	20.000	520.000	563.000	1662.000	1662.000	1662.000	0.000	0.000	0.000
GR	590.000	0.000	587.000	60.000	595.000	61.000	595.000	91.000	587.000	92.000
GR	585.000	150.000	584.730	350.000	582.780	450.000	582.480	475.000	582.730	520.000
GR	579.680	525.000	577.980	536.000	578.780	547.000	582.680	563.000	584.380	692.000
GR	584.280	742.000	585.000	900.000	585.500	1025.000	593.500	1026.000	593.500	1056.000
NC	.035	.035	.045	.300	.500	0.000	0.000	0.000	0.000	0.000
	. PROFILE LINE C 210 SOUTH OF PROPOSED SUB.									
X1	15374.000	18.000	350.000	382.000	9.000	9.000	9.000	0.000	0.000	0.000
GR	588.300	0.000	587.600	50.000	585.900	125.000	582.500	275.000	582.200	325.000
GR	582.700	350.000	577.800	355.000	577.800	377.000	582.800	382.000	584.200	432.000
GR	583.600	532.000	584.500	632.000	585.800	707.000	587.400	757.000	587.900	782.000
GR	595.900	783.000	595.900	812.000	587.900	813.000	0.000	0.000	0.000	0.000
	. DOWNSTREAM OF SUBDIVISON									
X1	15534.000	17.000	330.000	368.000	160.000	160.000	160.000	0.000	0.000	0.000
GR	588.200	0.000	585.700	25.000	583.700	50.000	581.700	225.000	582.200	325.000
GR	582.200	330.000	578.000	341.000	578.000	363.000	583.500	368.000	584.500	402.000
GR	586.000	452.000	585.300	579.000	584.200	652.000	586.700	802.000	586.800	852.000
GR	586.500	908.000	587.300	984.000	0.000	0.000	0.000	0.000	0.000	0.000
	. PROFILE LINE B 616 SOUTH OF KING RD. SOUTH OF PROPOSED SUB.									
X1	15584.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
	. DUMMY SECT. 50 FT. INSIDE S.PROPLINE REPEAT SECT. 15534 W/PROP.EL.									
X1	15634.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
	. PROFILE LINE A 310 SOUTH OF KING RD.									
X1	15890.000	22.000	289.000	321.000	256.000	256.000	256.000	0.000	0.000	0.000
GR	588.300	0.000	585.900	25.000	584.300	50.000	584.500	75.000	583.400	100.000
GR	582.400	175.000	582.000	289.000	578.300	294.000	578.300	316.000	582.200	321.000
GR	582.800	355.000	585.200	430.000	583.900	505.000	585.200	555.000	586.400	655.000
GR	586.400	680.000	585.900	705.000	586.500	805.000	586.900	830.000	586.600	880.000
GR	588.500	905.000	589.300	930.000	0.000	0.000	0.000	0.000	0.000	0.000

NC	.040	.040	.050	.300	.500	0.000	0.000	0.000	0.000	0.000
X1	16085.000	16.000	480.000	522.000	195.000	195.000	195.000	0.000	0.000	0.000
GR	590.000	0.000	588.300	196.200	584.300	246.000	582.600	298.000	582.300	448.000
GR	582.490	480.000	577.700	489.000	577.630	500.000	577.700	513.000	582.490	522.000
GR	583.600	698.000	585.700	751.000	587.000	766.000	588.000	791.000	589.000	821.000
GR	589.000	861.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.060	.060	.040	.300	.500	0.000	0.000	0.000	0.000	0.000
	. D/S OF KING RD.									
X1	16235.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	584.990	584.990	0.000
SB	0.000	1.520	3.000	0.000	13.000	0.000	82.230	.230	0.000	0.000
BT	2.000	1890.000	1260.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	. U/S OF KING RD.									
X1	16285.000	19.000	503.000	539.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	583.520	584.520	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	584.990	584.990	0.000
BT	16.000	0.000	590.000	590.000	313.000	587.380	584.750	325.000	587.270	584.750
BT	420.000	586.330	584.500	503.000	585.700	584.390	511.000	585.600	578.600	514.000
BT	585.520	578.500	515.000	585.520	583.520	525.000	585.380	583.520	535.000	585.230
BT	583.520	615.000	585.230	583.520	616.000	585.230	583.400	695.000	584.990	583.400
BT	723.000	584.990	583.400	810.000	585.500	585.020	1600.000	590.000	590.000	0.000
GR	590.000	0.000	585.000	200.000	584.750	313.000	584.750	325.000	584.500	420.000
GR	584.390	503.000	578.600	511.000	578.500	514.000	578.500	515.000	577.700	525.000
GR	579.500	534.000	580.600	535.000	583.300	539.000	583.400	615.000	583.400	616.000
GR	583.400	695.000	583.400	723.000	585.020	810.000	590.000	1600.000	0.000	0.000
NC	.100	.070	.035	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	16335.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= .300 CEHV= .500
*SECNO 0.000
3280 CROSS SECTION 0.00 EXTENDED 3.10 FEET

3470 ENCROACHMENT STATIONS= 100.0 714.0 TYPE= 1 TARGET= 614.000
X-SECT. D/S OF VREELAND RD. FROM GIBRALTAR FIS

0.00	11.37	582.10	0.00	582.10	582.10	.00	0.00	0.00	575.03
1060.	547.	123.	390.	2153.	230.	1580.	0.	0.	575.13
0.00	.25	.53	.25	.060	.035	.060	0.000	570.73	100.00
.000009	0.	0.	0.	0	0	0	0.00	614.00	714.00

*SECNO 1.000
X-SECT. 1 FOOT D/S OF VREELAND RD. GLBR. SECT. 10654.

1.00	12.10	582.10	0.00	0.00	582.10	.00	.00	.00	577.30
1060.	489.	190.	381.	1654.	250.	1182.	3.	0.	570.10
.02	.30	.76	.32	.060	.035	.060	0.000	570.00	.84
.000022	32.	32.	32.	0	0	0	0.00	679.36	680.21

*SECNO 2.000
X-SECT. D/S FACE OF VREELAND RD. GLBR. SECT. 10655.

2.00	12.10	582.10	0.00	0.00	582.10	.00	.00	.00	577.30
1060.	472.	179.	409.	1654.	250.	1181.	3.	0.	570.10
.02	.29	.72	.35	.020	.012	.018	0.000	570.00	.84
.000002	1.	1.	1.	0	0	0	0.00	679.36	680.21

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BNC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.96	3.00	0.00	7.90	0.00	71.27	1.00	569.50	569.50

*SECNO 3.000
PRESSURE AND WEIR FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
588.83	581.60	0.00	989.	78.	71.	74.	575.00	578.70

X-SECT. U/S FACE OF VREELAND RD. GLBR. SECT. 10693.

3.00	12.13	582.13	0.00	0.00	582.14	.00	.03	0.00	577.30
1060.	473.	177.	409.	1669.	251.	1191.	5.	1.	570.10
.05	.28	.71	.34	.020	.012	.018	0.000	570.00	.84
.000002	38.	38.	38.	0	0	6	0.00	679.37	680.21

*SECNO 4.000

X-SECT. 1 FOOT U/S OF VREELAND RD. GLBR. SECT. 10694.

4.00	12.13	582.13	0.00	0.00	582.14	.01	.00	.00	577.30
1060.	416.	321.	324.	1668.	250.	1190.	5.	1.	570.10
.05	.25	1.28	.27	.120	.035	.120	0.000	570.00	.84
.000062	1.	1.	1.	0	0	0	0.00	679.37	680.21

CCHV= .100 CEHV= .300

1490 NH CARD USED

*SECNO 291.000

BASED ON FIELD NOTES : QUAD MAP

291.00	12.14	582.14	0.00	0.00	582.14	.00	.00	.00	577.30
1060.	608.	225.	227.	1670.	250.	1190.	9.	2.	570.10
.08	.36	.90	.19	.058	.035	.120	0.000	570.00	.84
.000031	50.	50.	50.	0	0	0	0.00	679.37	680.21

CCHV= .100 CEHV= .300

*SECNO 1939.000

0 SECTION SAME AS 14321 FIELD BOOK 955

1939.00	10.93	582.20	0.00	0.00	582.20	.00	.06	.00	576.25
1060.	469.	257.	334.	1819.	314.	1218.	131.	29.	575.64
1.23	.26	.82	.27	.105	.050	.105	0.000	571.27	153.69
.000041	1648.	1648.	1648.	1	0	0	0.00	762.49	916.17

CCHV= .100 CEHV= .300

*SECNO 2659.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 707.0 1093.0 TYPE= 1 TARGET= 386.000
ELENCL= 584.20 ELENCR= 584.20
0 SECTION SAME AS 13601

2659.00	8.82	582.24	0.00	0.00	582.25	.00	.05	.00	576.22
1060.	401.	257.	401.	1038.	300.	1032.	179.	39.	576.42
1.65	.39	.86	.39	.130	.070	.130	0.000	573.42	707.00
.000110	720.	720.	720.	1	0	0	0.00	386.00	1093.00

CCHV= .100 CEHV= .300
*SECNO 3189.000

3470 ENCROACHMENT STATIONS= 639.0 761.0 TYPE= 1 TARGET= 122.000
ELENCL= 584.20 ELENCR= 584.20
0 BASED ON FIELD NOTES : QUAD MAP

3189.00	8.82	582.32	0.00	0.00	582.36	.04	.10	.01	576.00
1060.	284.	618.	159.	292.	296.	246.	198.	42.	576.00
1.72	.97	2.09	.64	.105	.060	.145	0.000	573.50	639.00
.000440	530.	530.	530.	2	0	0	0.00	122.00	761.00

CCHV= .300 CEHV= .500
*SECNO 3389.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 739.0 761.0 TYPE= 1 TARGET= 22.000
ELENCL= 584.20 ELENCR= 584.20
0 D/S FACE PENN CENTRAL

3389.00	7.28	582.23	0.00	0.00	582.92	.69	.23	.32	584.20
1060.	0.	1060.	0.	0.	159.	0.	200.	42.	584.20
1.73	0.00	6.66	0.00	.055	.060	.140	0.000	574.95	739.00
.010093	160.	200.	200.	2	0	0	0.00	22.00	761.00

CCHV= .300 CEHV= .500

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.48	3.00	1600.00	21.00	0.00	115.00	0.00	574.95	574.95

*SECNO 3403.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
584.41	583.03	0.00	48.	1077.	115.	116.	580.45	584.20

3470 ENCROACHMENT STATIONS= 789.0 811.0 TYPE= 1 TARGET= 22.000
ELENCL= 584.20 ELENCR= 584.20
0 U/S FACE PENN CENTRAL

3403.00	8.75	583.70	0.00	0.00	584.25	.55	1.33	0.00	584.20
1120.	0.	1120.	0.	0.	188.	0.	200.	42.	584.20
1.73	0.00	5.94	0.00	.080	.060	.080	0.000	574.95	789.00
.006792	14.	14.	14.	3	0	4	0.00	22.00	811.00

CCHV= .100 CEHV= .300
*SECNO 3443.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 649.0 751.0 TYPE= 1 TARGET= 102.000
ELENCL= 584.20 ELENCR= 584.20
0 BASED ON FIELD NOTES : QUAD MAP

3443.00	11.79	584.29	0.00	0.00	584.31	.02	.01	.05	576.20
1120.	39.	953.	128.	166.	796.	144.	201.	43.	577.20
1.74	.23	1.20	.89	.130	.055	.035	0.000	572.50	133.41
.000082	40.	40.	40.	2	0	0	0.00	977.52	1110.93

*SECNO 3483.000

3470 ENCROACHMENT STATIONS= 559.0 741.0 TYPE= 1 TARGET= 182.000
ELENCL= 584.20 ELENCR= 584.20

0 ABANDONED ABUTMENT BY PENN CENTRAL

3483.00	11.74	584.24	0.00	0.00	584.34	.10	.01	.02	581.90
1120.	124.	618.	378.	211.	211.	187.	202.	43.	581.90
1.75	.59	2.93	2.02	.130	.055	.035	0.000	572.50	141.30
.001039	40.	40.	40.	2	0	0	0.00	970.30	1111.60

*SECNO 3521.000

3470 ENCROACHMENT STATIONS= 471.0 729.0 TYPE= 1 TARGET= 258.000
ELENCL= 584.20 ELENCR= 584.20

0 SECTION SAME AS 12739

3521.00	12.31	584.33	0.00	0.00	584.37	.04	.02	.01	581.82
1120.	119.	457.	544.	341.	261.	350.	202.	44.	582.12
1.75	.35	1.75	1.55	.130	.055	.035	0.000	572.02	83.69
.000373	38.	38.	38.	2	0	0	0.00	881.14	964.83

CCHV= .100 CEHV= .300
*SECNO 4266.000

0 SECTION SAME AS 11994

4266.00	12.18	584.45	0.00	0.00	584.45	.00	.08	.00	577.32
1120.	772.	201.	147.	2243.	267.	902.	240.	58.	579.22
2.28	.34	.75	.16	.120	.060	.150	0.000	572.27	13.77
.000051	745.	745.	745.	2	0	0	0.00	729.85	743.63

CCHV= .100 CEHV= .300
*SECNO 4617.000

3265 DIVIDED FLOW

0 STOPPED AT HOUSE LINE BASED ON FIELD NOTES : QUAD MAP

4617.00	12.00	584.46	0.00	0.00	584.48	.01	.02	.00	577.50
1120.	255.	789.	76.	922.	786.	314.	261.	62.	578.00
2.40	.28	1.00	.24	.120	.060	.150	0.000	572.46	12.86
.000069	351.	351.	351.	2	0	0	0.00	368.86	415.89

CCHV= .300 CEHV= .500
*SECNO 4797.000
3280 CROSS SECTION 4797.00 EXTENDED .38 FEET

0 D/S FACE OF FORT ST. NB

4797.00	12.01	584.47	0.00	0.00	584.49	.01	.01	.00	579.31
1120.	120.	834.	165.	420.	835.	454.	270.	64.	580.00
2.48	.29	1.00	.36	.050	.035	.050	0.000	572.46	40.00
.000031	120.	260.	180.	0	0	0	0.00	544.77	584.77

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .300 CEHV= .500

SPECIAL BRIDGE

SB	XK	XKQR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.53	3.00	0.00	51.00	0.00	377.40	0.00	572.46	572.46

*SECNO 4848.000
3280 CROSS SECTION 4848.00 EXTENDED .43 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
584.68	584.49	0.00	440.	679.	377.	377.	579.86	583.40

0 U/S FACE OF FORT ST. NB

4848.00	12.07	584.53	0.00	0.00	584.55	.02	.06	0.00	579.76
1120.	299.	729.	92.	411.	557.	114.	271.	65.	582.00
2.49	.73	1.31	.81	.035	.055	.035	0.000	572.46	40.00
.000129	51.	51.	51.	2	0	5	0.00	433.45	473.45

*SECNO 4919.000
3280 CROSS SECTION 4919.00 EXTENDED .44 FEET

4919.00	12.08	584.54	0.00	0.00	584.56	.02	.01	.00	579.76
1120.	300.	728.	93.	413.	557.	114.	273.	65.	582.00
2.51	.73	1.31	.81	.035	.055	.035	0.000	572.46	40.00
.000128	71.	71.	71.	0	0	0	0.00	434.04	474.04

*SECNO 4990.000
3280 CROSS SECTION 4990.00 EXTENDED .46 FEET

0 D/S FACE OF FORT ST. SB

4990.00	12.46	584.56	0.00	0.00	584.57	.01	.01	.00	584.00
1120.	626.	493.	0.	1012.	699.	2.	275.	66.	584.00
2.54	.62	.71	.14	.035	.055	.035	0.000	572.10	50.00
.000060	71.	71.	71.	1	0	0	0.00	565.56	615.56

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .300 CEHV= .500

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.43	3.00	0.00	51.00	0.00	517.65	0.00	572.10	572.10

*SECNO 5041.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5041.00 EXTENDED .49 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
584.67	584.57	0.00	374.	749.	518.	518.	582.25	582.97

0 U/S FACE OF FORT ST. SB

5041.00	11.99	584.59	0.00	0.00	584.61	.02	.04	0.00	586.71
1120.	379.	741.	0.	927.	539.	0.	277.	67.	587.16
2.55	.41	1.38	0.00	.095	.060	.085	0.000	572.60	50.00
.000197	51.	51.	51.	2	0	6	0.00	513.90	568.82

*SECNO 5261.000

3265 DIVIDED FLOW

3280 CROSS SECTION 5261.00 EXTENDED 1.64 FEET

5261.00	12.34	584.64	0.00	0.00	584.71	.07	.07	.02	582.00
1120.	198.	922.	0.	417.	409.	1.	282.	68.	587.20
2.59	.47	2.25	.20	.095	.060	.085	0.000	572.30	50.00
.000580	140.	270.	220.	2	0	0	0.00	345.58	405.00

*SECNO 5525.000

3280 CROSS SECTION 5525.00 EXTENDED 1.57 FEET

5525.00	12.50	584.77	0.00	0.00	584.79	.02	.07	.01	580.00
1120.	100.	659.	361.	238.	462.	725.	289.	70.	578.90
2.66	.42	1.43	.50	.095	.060	.085	0.000	572.27	0.00
.000159	264.	264.	264.	2	0	0	0.00	360.20	360.20

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .300 CEHV= .500
*SECNO 5649.000
3280 CROSS SECTION 5649.00 EXTENDED 1.59 FEET

3470 ENCROACHMENT STATIONS= 1.0 359.0 TYPE= 1 TARGET= 358.000
0 D/S OF VAN HORN RD.

5649.00	12.52	584.79	0.00	0.00	584.81	.02	.02	.00	580.00
1120.	112.	648.	361.	238.	463.	728.	293.	71.	578.90
2.69	.47	1.40	.50	.070	.050	.070	0.000	572.27	1.00
.000106	124.	124.	124.	2	0	0	0.00	358.00	359.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.45	3.00	0.00	18.00	0.00	112.68	0.00	571.61	571.61

*SECNO 5681.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
587.01	584.15	0.00	919.	198.	113.	121.	578.33	582.23

3470 ENCROACHMENT STATIONS= 1.0 385.0 TYPE= 1 TARGET= 384.000
0 U/S OF VAN HORN RD.

5681.00	12.75	584.85	0.00	0.00	584.86	.01	.05	0.00	578.91
1120.	172.	625.	323.	380.	634.	836.	294.	72.	578.66
2.70	.45	.99	.39	.070	.050	.070	0.000	572.10	1.00
.000056	32.	32.	32.	0	0	6	0.00	384.00	385.00

CCHV= .100 CEHV= .300
*SECNO 5800.000

3470 ENCROACHMENT STATIONS= 165.0 490.0 TYPE= 1 TARGET= 325.000

5800.00	12.76	584.86	0.00	0.00	584.86	.01	.00	.00	578.91
1120.	131.	455.	534.	277.	639.	1107.	300.	73.	578.66
2.76	.47	.71	.48	.035	.035	.035	0.000	572.10	165.00
.000014	119.	119.	119.	0	0	0	0.00	325.00	490.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .300 CEHV= .500
*SECNO 5938.000
3280 CROSS SECTION 5938.00 EXTENDED 1.86 FEET

3470 ENCROACHMENT STATIONS= 230.0 533.0 TYPE= 1 TARGET= 303.000
0 D/S 87 BY 136 CULVERT

5938.00	12.92	584.86	0.00	0.00	584.87	.01	.00	.00	580.70
1120.	106.	679.	335.	246.	727.	665.	306.	74.	578.50
2.81	.43	.93	.50	.035	.035	.035	0.000	571.94	230.00
.000020	138.	138.	138.	0	0	0	0.00	303.00	533.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.39	3.00	0.00	21.32	0.00	132.80	0.00	572.05	571.94

*SECNO 6022.000
3280 CROSS SECTION 6022.00 EXTENDED 1.93 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
586.39	584.98	0.00	869.	251.	133.	155.	579.33	582.30

3470 ENCROACHMENT STATIONS= 245.0 421.0 TYPE= 1 TARGET= 176.000
ELENCL= 587.70 ELENCR= 587.70
0 U/S 87 BY 136 CULVERT

6022.00	12.98	584.92	0.00	0.00	584.93	.01	.07	0.00	580.70
1120.	105.	795.	219.	205.	731.	326.	308.	74.	578.50
2.84	.51	1.09	.67	.035	.035	.035	0.000	571.94	245.00
.000027	84.	84.	84.	1	0	7	0.00	176.00	421.00

CCHV= .300 CEHV= .500
*SECNO 6100.000

3470 ENCROACHMENT STATIONS= 181.5 318.5 TYPE= 1 TARGET= 137.000
ELENCL= 587.70 ELENCR= 587.70

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6100.00	10.12	584.92	0.00	0.00	584.95	.03	.00	.01	578.69
1120.	163.	678.	279.	228.	420.	241.	310.	74.	580.29
2.85	.71	1.62	1.16	.065	.045	.045	0.000	574.80	181.50
.000131	78.	78.	78.	0	0	0	0.00	137.00	318.50

CCHV= .300 CEHV= .500
*SECNO 6270.000

3470 ENCROACHMENT STATIONS= 230.0 270.0 TYPE= 1 TARGET= 40.000
ELENCL= 587.70 ELENCR= 587.70
0 D/S OF DT : I R.R.

6270.00	10.11	584.91	0.00	0.00	585.05	.14	.05	.06	578.69
1120.	16.	1104.	0.	18.	362.	0.	313.	75.	587.70
2.87	.88	3.05	0.00	.065	.045	.045	0.000	574.80	230.00
.000579	194.	194.	194.	2	0	0	0.00	40.00	270.00

(26.7)

CCHV= .300 CEHV= .500

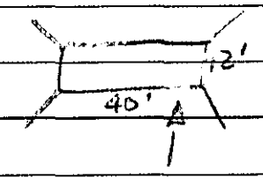
SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.25	1.66 (1.41)	3.00	0.00	28.70	1.50	340.00	.92	574.90	574.90

*SECNO 6282.000
3280 CROSS SECTION 6282.00 EXTENDED .06 FEET

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
585.19	585.04	.01	0.	1120.	340.	333.	584.20	587.70



3470 ENCROACHMENT STATIONS= 254.5 294.5 TYPE= 1 TARGET= 40.000
ELENCL= 587.70 ELENCR= 587.70
0 U/S OF DT : I R.R.

6282.00	10.16	585.06	0.00	0.00	585.19	.12	.14	0.00	587.70
1120.	0.	1120.	0.	0.	397.	0.	313.	75.	587.70
2.87	0.00	2.82	0.00	.035	.045	.030	0.000	574.90	254.50
.000560	12.	12.	12.	2	0	0	0.00	40.00	294.50

(27.0)

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6332.000
3280 CROSS SECTION 6332.00 EXTENDED 2.71 FEET

3470 ENCROACHMENT STATIONS= 205.0 345.0 TYPE= 1 TARGET= 140.000
ELENCL= 587.70 ELENCR= 587.70

6332.00	10.21	585.21	0.00	0.00	585.22	.02	.01	.03	577.94
1120.	260.	448.	412.	287.	438.	344.	314.	75.	576.79
2.88	.91	1.02	1.20	.035	.045	.030	0.000	575.00	205.00
.000047	50.	50.	50.	2	0	0	0.00	140.00	345.00

(130)

CCHV= .100 CEHV= .300
*SECNO 6928.000
3280 CROSS SECTION 6928.00 EXTENDED 2.24 FEET

3470 ENCROACHMENT STATIONS= 280.0 820.0 TYPE= 1 TARGET= 540.000
0 SECTION SAME AS 9332

6928.00	11.58	585.24	0.00	0.00	585.24	.00	.02	.00	578.41
1120.	374.	360.	386.	641.	655.	920.	337.	80.	580.31
3.20	.58	.55	.42	.035	.050	.030	0.000	573.66	281.72
.000018	596.	596.	596.	2	0	0	0.00	538.28	820.00

CCHV= .100 CEHV= .300
*SECNO 7992.000
3280 CROSS SECTION 7992.00 EXTENDED .26 FEET

3470 ENCROACHMENT STATIONS= 200.0 590.0 TYPE= 1 TARGET= 390.000

7992.00	10.17	585.25	0.00	0.00	585.26	.00	.02	.00	578.00
1120.	453.	443.	224.	1198.	632.	470.	392.	91.	578.00
3.77	.38	.70	.48	.045	.035	.035	0.000	575.08	200.00
.000014	1064.	1064.	1064.	1	0	0	0.00	390.00	590.00

CCHV= .100 CEHV= .300
*SECNO 8164.000

3265 DIVIDED FLOW

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3280 CROSS SECTION 8164.00 EXTENDED .23 FEET

3470 ENCROACHMENT STATIONS= 170.0 530.0 TYPE= 1 TARGET= 360.000
0 D/S OF MARION DR.

8164.00	10.15	585.23	0.00	0.00	585.27	.04	.01	.01	584.00
1120.	52.	1068.	0.	150.	655.	0.	398.	92.	585.90
3.80	.35	1.63	0.00	.045	.035	.035	0.000	575.08	170.00
.000149	172.	172.	172.	2	0	0	0.00	310.79	498.48

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.53	3.00	0.00	52.00	0.00	409.76	0.00	575.08	575.08

CCHV= .300 CEHV= .500
*SECNO 8220.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
585.52	585.27	0.00	330.	1101.	410.	410.	582.96	584.30

3470 ENCROACHMENT STATIONS= 170.0 530.0 TYPE= 1 TARGET= 360.000
0 U/S OF MARION DR.

8220.00	10.16	585.36	0.00	0.00	585.41	.05	.13	0.00	584.00
1430.	205.	1151.	74.	309.	616.	75.	399.	93.	580.66
3.81	.66	1.87	.98	.040	.045	.035	0.000	575.20	170.00
.000220	56.	56.	56.	2	0	4	0.00	360.00	530.00

CCHV= .100 CEHV= .300
*SECNO 8270.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 67.0 574.0 TYPE= 1 TARGET= 507.000

8270.00	10.18	585.38	0.00	0.00	585.42	.04	.01	.00	584.00
1430.	230.	1103.	97.	375.	617.	119.	400.	93.	580.66
3.82	.61	1.79	.82	.040	.045	.035	0.000	575.20	67.00
.000201	50.	50.	50.	0	0	0	0.00	476.22	574.00

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .100 CEHV= .300
*SECNO 9426.000

3470 ENCROACHMENT STATIONS= 450.0 640.0 TYPE= 1 TARGET= 190.000
0 SECTION SAME AS 6834

9426.00	10.61	585.56	0.00	0.00	585.59	.03	.17	.00	579.45
1430.	557.	589.	283.	365.	396.	278.	429.	102.	580.35
4.04	1.53	1.49	1.02	.035	.045	.035	0.000	574.95	450.00
.000116	1156.	1156.	1156.	2	0	0	0.00	190.00	640.00

CCHV= .100 CEHV= .300
*SECNO 10844.000

3470 ENCROACHMENT STATIONS= 393.0 557.0 TYPE= 1 TARGET= 164.000
ELENCL= 586.10 ELENCR= 586.10

10844.00	9.16	585.71	0.00	0.00	585.76	.04	.16	.00	584.57
1430.	9.	1402.	19.	21.	842.	34.	460.	108.	583.67
4.28	.41	1.67	.56	.040	.035	.030	0.000	576.55	393.00
.000111	1418.	1418.	1418.	2	0	0	0.00	164.00	557.00

CCHV= .100 CEHV= .300
*SECNO 10994.000

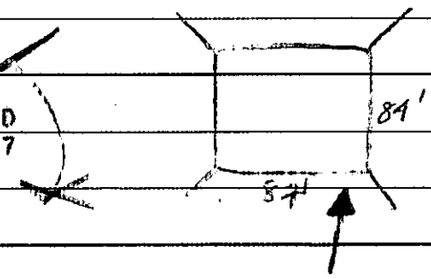
3470 ENCROACHMENT STATIONS= 206.0 294.0 TYPE= 1 TARGET= 88.000
ELENCL= 585.98 ELENCR= 585.98
. D/S OF WEST RD.

10994.00	9.23	585.71	0.00	0.00	585.79	.08	.02	.01	585.98
1430.	0.	1430.	0.	0.	648.	0.	463.	108.	586.15
4.30	0.00	2.21	0.00	.040	.035	.030	0.000	576.48	206.00
.000210	150.	150.	150.	1	0	0	0.00	88.00	294.00

(60)

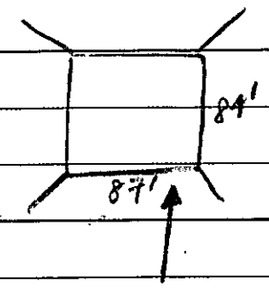
SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	1.05	~~1.71~~ 1.64	3.00	0.00	51.83 (60)	3.00	510.40	2.00 (1.75)	576.53	576.57



CCHV= .100 CEHV= .300
*SECNO 11078.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST



PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
585.98	585.81	.00	0.	1615.	510.	495.	584.24	585.98

3470 ENCROACHMENT STATIONS= 206.0 294.0 TYPE= 1 TARGET= 88.000
ELENCL= 585.98 ELENCR= 585.98
. U/S OF WEST RD.

11078.00	9.36	585.89	0.00	0.00	585.98	.09	.19	0.00	586.16
1615.	0.	1615.	0.	0.	670.	0.	464.	108.	585.98
4.31	0.00	2.41	0.00	.040	.040	.035	0.000	576.53	206.00
.000325	84.	84.	84.	2	0	0	0.00	88.00	294.00

(585.59) (58)

*SECNO 11148.000

3470 ENCROACHMENT STATIONS= 350.0 550.0 TYPE= 1 TARGET= 200.000
ELENCL= 586.10 ELENCR= 586.10

11148.00	9.36	585.91	0.00	0.00	586.02	.12	.04	.01	581.22
1615.	572.	948.	95.	242.	310.	67.	465.	109.	584.20
4.32	2.36	3.06	1.42	.040	.040	.035	0.000	576.55	350.00
.000964	70.	70.	70.	0	0	0	0.00	200.00	550.00

585.79

1490 NH CARD USED
*SECNO 12404.000

12404.00	11.40	586.32	0.00	0.00	586.35	.03	.32	.01	577.92
1615.	554.	566.	494.	601.	303.	500.	494.	117.	577.92
4.59	.92	1.87	.99	.040	.035	.039	0.000	574.92	191.19
.000115	1256.	1256.	1256.	2	0	0	0.00	396.88	588.06

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.28	2.50	0.00	8.00	0.00	84.80	1.00	574.92	574.92

*SECNO 12414.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.53	586.35	0.00	1416.	200.	85.	84.	580.92	581.51

12414.00	11.49	586.41	0.00	0.00	586.43	.03	.08	0.00	577.92
1615.	560.	557.	498.	621.	305.	512.	495.	117.	577.92
4.59	.90	1.82	.97	.040	.035	.039	0.000	574.92	185.06
.000108	10.	10.	10.	2	0	6	0.00	403.02	588.07

CCHV= .100 CEHV= .300
*SECNO 13397.000

3470 ENCROACHMENT STATIONS=	180.0	740.0	TYPE=	1	TARGET=	560.000			
13397.00	8.45	586.49	0.00	0.00	586.49	.01	.06	.00	583.97
1615.	412.	187.	1016.	664.	254.	1366.	537.	128.	580.97
4.98	.62	.74	.74	.035	.045	.035	0.000	578.04	180.00
.000038	992.	992.	992.	2	0	0	0.00	520.56	700.56

CCHV= .300 CEHV= .500
*SECNO 13597.000

3470 ENCROACHMENT STATIONS=	180.0	740.0	TYPE=	1	TARGET=	560.000			
. D/S OF HARRISON RD.									
13597.00	8.45	586.49	0.00	0.00	586.50	.01	.01	.00	583.97
1615.	421.	156.	1038.	667.	254.	1370.	548.	130.	580.97
5.06	.63	.61	.76	.035	.055	.035	0.000	578.04	180.00
.000039	200.	200.	200.	0	0	0	0.00	520.56	700.56

SPECIAL BRIDGE

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	DLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

5070.VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	AREA	SS	ELCHU	ELCHD
	0.00	1.69	3.00	0.00	55.00	0.00	379.50	0.00	578.04	578.04

*SECNO 13653.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	AREA	TRAPEZOID AREA	ELLC	ELTRD
587.08	586.50	0.00	613.	1196.	380.	379.	584.94	585.00

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000
. U/S OF HARRISON RD.

13653.00	8.64	586.74	0.00	0.00	586.75	.02	.25	0.00	584.00
1800.	394.	640.	766.	418.	556.	700.	550.	131.	584.00
5.07	.94	1.15	1.09	.035	.055	.035	0.000	578.10	180.00
.000175	56.	56.	56.	1	0	3	0.00	560.00	740.00

(586.48)

*SECNO 13703.000

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

13703.00	8.65	586.75	0.00	0.00	586.76	.02	.01	.00	584.00
1800.	394.	641.	766.	417.	556.	699.	552.	132.	584.00
5.09	.94	1.15	1.10	.035	.055	.035	0.000	578.10	180.00
.000176	50.	50.	50.	0	0	0	0.00	560.00	740.00

*SECNO 15365.000
. SECTION SAME AS 895

15365.00	8.95	586.93	0.00	0.00	586.94	.01	.17	.00	582.73
1800.	780.	255.	764.	1088.	311.	1142.	632.	160.	582.68
5.74	.72	.82	.67	.035	.055	.035	0.000	577.98	93.97
.000069	1662.	1662.	1662.	2	0	0	0.00	931.21	1025.18

CCHV= .300 CEHV= .500
*SECNO 15374.000
. PROFILE LINE C 210 SOUTH OF PROPOSED SUB.

15374.00	9.13	586.93	0.00	0.00	586.94	.01	.00	.00	582.70
1800.	723.	326.	751.	775.	268.	917.	633.	160.	582.80
5.74	.93	1.22	.82	.035	.045	.035	0.000	577.80	79.41
.000094	9.	9.	9.	0	0	0	0.00	663.02	742.42

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**********************************************
*  WATER SURFACE PROFILES                    *
*  VERSION OF NOVEMBER 1976                  *
*  UPDATED MARCH 1982                        *
*                                            *
*  RUN DATE  82/09/15. TIME  12.00.43.       *
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*  U.S. ARMY CORPS OF ENGINEERS              *
*  THE HYDROLOGIC ENGINEERING CENTER         *
*  609 SECOND STREET, SUITE D                *
*  DAVIS, CALIFORNIA 95616                   *
*  (916) 440-2105 (FTS) 448-2105             *
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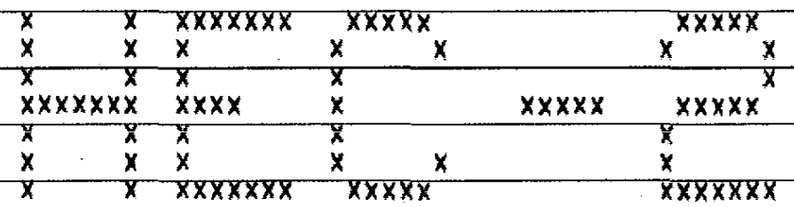

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	RANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 15534.000									
. DOWNSTREAM OF SUBDIVISON									
15534.00	8.95	586.95	0.00	0.00	586.96	.01	.01	.00	582.20
1800.	1156.	288.	355.	1329.	303.	768.	641.	163.	583.50
5.79	.87	.95	.46	.035	.045	.035	0.000	578.00	12.57
.000058	160.	160.	160.	0	0	0	0.00	937.53	950.10
*SECNO 15584.000									
. PROFILE LINE B 616 SOUTH OF KING RD. SOUTH OF PROPOSED SUB.									
15584.00	8.95	586.95	0.00	0.00	586.96	.01	.00	.00	582.20
1800.	1156.	288.	356.	1332.	303.	772.	644.	164.	583.50
5.81	.87	.95	.46	.035	.045	.035	0.000	578.00	12.50
.000058	50.	50.	50.	0	0	0	0.00	938.26	950.76
*SECNO 15634.000									
. DUMMY SECT. 50 FT. INSIDE S.PROPLINE REPEAT SECT. 15534 W/PROP.EL.									
15634.00	8.95	586.95	0.00	0.00	586.96	.01	.00	.00	582.20
1800.	1155.	288.	357.	1332.	303.	774.	646.	165.	583.50
5.83	.87	.95	.46	.035	.045	.035	0.000	578.00	12.48
.000058	50.	50.	50.	0	0	0	0.00	938.48	950.95
*SECNO 15890.000									
. PROFILE LINE A 310 SOUTH OF KING RD.									
15890.00	8.67	586.97	0.00	0.00	586.98	.01	.02	.00	582.00
1800.	946.	272.	582.	1041.	258.	923.	660.	171.	582.20
5.91	.91	1.05	.63	.035	.045	.035	0.000	578.30	13.89
.000070	256.	256.	256.	0	0	0	0.00	870.94	884.83
CCHV= .300 CEHV= .500									
*SECNO 16085.000									
16085.00	9.35	586.98	0.00	0.00	586.99	.01	.01	.00	582.49
1800.	853.	341.	606.	1055.	348.	826.	670.	174.	582.49
5.98	.81	.98	.73	.040	.050	.040	0.000	577.63	212.63
.000070	195.	195.	195.	0	0	0	0.00	553.14	765.77
CCHV= .300 CEHV= .500									
*SECNO 16235.000									
. D/S OF KING RD.									

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
16235.00	9.36	586.99	0.00	0.00	587.01	.02	.01	.00	582.49
1800.	732.	547.	521.	1058.	348.	829.	678.	176.	582.49
6.02	.69	1.57	.63	.060	.040	.060	0.000	577.63	212.47
.000115	150.	150.	150.	0	0	0	0.00	553.45	765.92

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.52	3.00	0.00	13.00	0.00	82.23	.23	577.63	577.63

*SECNO 16285.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
599.46	587.01	0.00	1712.	176.	82.	85.	583.52	584.52

. U/S OF KING RD.

16285.00	9.38	587.08	0.00	0.00	587.10	.02	.09	0.00	584.39
1890.	494.	523.	873.	817.	273.	1269.	680.	177.	583.30
6.04	.61	1.92	.69	.060	.040	.060	0.000	577.70	116.69
.000202	50.	50.	50.	2	0	8	0.00	1020.54	1137.23

CCHV= .100 CEHV= .300
*SECNO 16335.000

16335.00	9.38	587.08	0.00	0.00	587.12	.04	.01	.01	584.39
1890.	342.	686.	862.	820.	273.	1274.	683.	178.	583.30
6.05	.42	2.51	.68	.100	.035	.070	0.000	577.70	116.37
.000265	50.	50.	50.	0	0	0	0.00	1022.11	1138.48

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR = 01,02,03,04,05
MODIFICATION = 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

: POET DRAIN

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	582.10	0.00	582.10	614.00	547.02	122.56	390.42	614.00	100.00	435.00	460.00	714.00
1.000	582.10	0.00	582.10	679.36	488.70	190.16	381.14	0.00	0.00	410.00	432.80	0.00
2.000	582.10	0.00	582.10	679.36	472.17	178.65	409.18	0.00	0.00	410.00	432.80	0.00
3.000	582.13	0.00	582.14	679.37	473.33	177.41	409.27	0.00	0.00	410.00	432.80	0.00
4.000	582.13	0.00	582.14	679.37	415.71	320.74	323.55	0.00	0.00	410.00	432.80	0.00
291.000	582.14	0.00	582.14	679.37	608.35	224.87	226.78	0.00	0.00	410.00	432.80	0.00
1939.000	582.20	0.00	582.20	762.49	468.65	257.15	334.21	0.00	0.00	610.00	640.00	0.00
2659.000	582.24	0.00	582.25	386.00	401.43	257.42	401.16	386.00	707.00	883.00	922.00	1093.00
3189.000	582.32	0.00	582.36	122.00	283.91	617.55	158.54	122.00	639.00	683.00	719.00	761.00
3389.000	582.23	0.00	582.92	22.00	0.00	1060.00	0.00	22.00	739.00	733.00	769.00	761.00
3403.000	583.70	0.00	584.25	22.00	0.00	1120.00	0.00	22.00	789.00	785.00	825.00	811.00
3443.000	584.29	0.00	584.31	977.52	38.87	952.90	128.23	102.00	649.00	664.00	735.00	751.00
3483.000	584.24	0.00	584.34	970.30	124.37	618.00	377.63	182.00	559.00	640.00	660.00	741.00
3521.000	584.33	0.00	584.37	881.14	119.00	457.17	543.83	258.00	471.00	589.00	619.00	729.00
4266.000	584.45	0.00	584.45	729.85	771.81	200.69	147.50	0.00	0.00	362.00	388.00	0.00
4617.000	584.46	0.00	584.48	368.86	254.94	788.74	76.32	0.00	0.00	250.00	320.00	0.00
4797.000	584.47	0.00	584.49	544.77	120.49	834.42	165.08	0.00	0.00	333.00	427.00	0.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4848.000	584.53	0.00	584.55	433.45	298.60	728.95	92.45	0.00	0.00	340.00	389.00	0.00
4919.000	584.54	0.00	584.56	434.04	299.52	727.84	92.64	0.00	0.00	340.00	389.00	0.00
4990.000	584.56	0.00	584.57	565.56	626.47	493.31	.22	0.00	0.00	510.00	610.00	0.00
5041.000	584.59	0.00	584.61	513.90	378.56	741.44	0.00	0.00	0.00	520.00	569.00	0.00
5261.000	584.64	0.00	584.71	345.58	198.05	921.67	.28	0.00	0.00	350.00	395.00	0.00
5525.000	584.77	0.00	584.79	360.20	100.04	658.91	361.05	0.00	0.00	75.00	116.00	0.00
5649.000	584.79	0.00	584.81	358.00	111.60	647.76	360.64	358.00	1.00	75.00	116.00	359.00
5681.000	584.85	0.00	584.86	384.00	171.64	624.90	323.46	384.00	1.00	82.00	148.00	385.00
5800.000	584.86	0.00	584.86	325.00	131.10	454.64	534.27	325.00	165.00	217.00	283.00	490.00
5938.000	584.86	0.00	584.87	303.00	106.39	678.61	335.00	303.00	230.00	300.00	363.00	533.00
6022.000	584.92	0.00	584.93	176.00	105.34	795.17	219.50	176.00	245.00	300.00	363.00	421.00
6100.000	584.92	0.00	584.95	137.00	162.76	678.01	279.22	137.00	181.50	233.00	277.00	318.50
6270.000	584.91	0.00	585.05	40.00	16.18	1103.82	0.00	40.00	230.00	233.00	277.00	270.00
6282.000	585.06	0.00	585.19	40.00	0.00	1120.00	0.00	40.00	254.50	251.00	318.00	294.50
6332.000	585.21	0.00	585.22	140.00	260.28	447.70	412.02	140.00	205.00	254.00	299.00	345.00
6928.000	585.24	0.00	585.24	538.28	374.44	359.76	385.80	540.00	280.00	395.00	467.00	820.00
7992.000	585.25	0.00	585.26	390.00	453.43	442.88	223.68	390.00	200.00	425.00	491.00	590.00
8164.000	585.23	0.00	585.27	310.79	52.45	1067.55	0.00	360.00	170.00	383.00	503.00	530.00
8220.000	585.36	0.00	585.41	360.00	204.78	1151.44	73.79	360.00	170.00	404.00	485.00	530.00
8270.000	585.38	0.00	585.42	476.22	229.70	1103.13	97.17	507.00	67.00	404.00	485.00	574.00
9426.000	585.56	0.00	585.59	190.00	557.47	589.39	283.14	190.00	450.00	507.00	552.00	640.00
10844.000	585.71	0.00	585.76	164.00	8.73	1402.36	18.91	164.00	393.00	412.00	527.00	557.00
10994.000	585.71	0.00	585.79	88.00	0.00	1430.00	0.00	88.00	206.00	195.00	305.00	294.00
11078.000	585.89	0.00	585.98	88.00	0.00	1615.00	0.00	88.00	206.00	195.00	305.00	294.00
11148.000	585.91	0.00	586.02	200.00	571.97	948.28	94.75	200.00	350.00	433.00	491.00	550.00
12404.000	586.32	0.00	586.35	396.88	554.35	566.45	494.20	0.00	0.00	413.50	444.50	0.00

SECND	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
12414.000	586.41	0.00	586.43	403.02	560.17	556.91	497.92	0.00	0.00	413.50	444.50	0.00
13397.000	586.49	0.00	586.49	520.56	411.93	186.65	1016.42	560.00	180.00	382.00	416.00	740.00
13597.000	586.49	0.00	586.50	520.56	421.36	155.67	1037.96	560.00	180.00	382.00	416.00	740.00
13653.000	586.74	0.00	586.75	560.00	394.04	640.03	765.93	560.00	180.00	390.00	485.00	740.00
13703.000	586.75	0.00	586.76	560.00	393.66	640.63	765.71	560.00	180.00	390.00	485.00	740.00
15365.000	586.93	0.00	586.94	931.21	780.41	255.40	764.18	0.00	0.00	520.00	563.00	0.00
15374.000	586.93	0.00	586.94	663.02	723.03	326.25	750.72	0.00	0.00	350.00	382.00	0.00
15534.000	586.95	0.00	586.96	937.53	1156.47	288.40	355.13	0.00	0.00	330.00	368.00	0.00
15584.000	586.95	0.00	586.96	938.26	1155.69	287.87	356.44	0.00	0.00	330.00	368.00	0.00
15634.000	586.95	0.00	586.96	938.48	1155.46	287.71	356.83	0.00	0.00	330.00	368.00	0.00
15890.000	586.97	0.00	586.98	870.94	945.55	272.19	582.27	0.00	0.00	289.00	321.00	0.00
16085.000	586.98	0.00	586.99	553.14	853.19	340.65	606.16	0.00	0.00	480.00	522.00	0.00
16235.000	586.99	0.00	587.01	553.45	732.36	546.89	520.75	0.00	0.00	480.00	522.00	0.00
16285.000	587.08	0.00	587.10	1020.54	494.32	522.61	873.07	0.00	0.00	503.00	539.00	0.00
16335.000	587.08	0.00	587.12	1022.11	342.01	685.97	862.03	0.00	0.00	503.00	539.00	0.00

* POET DRAIN

SUMMARY PRINTOUT TABLE 150

SECND	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	570.73	1060.00	582.10	0.00	582.10	.09	.53	3963.54	3564.48
1.000	32.00	0.00	0.00	570.00	1060.00	582.10	0.00	582.10	.22	.76	3085.61	2257.01
2.000	1.00	0.00	0.00	570.00	1060.00	582.10	0.00	582.10	.02	.72	3085.22	7006.46
3.000	38.00	578.70	575.00	570.00	1060.00	582.13	0.00	582.14	.02	.71	3110.38	7095.32
4.000	1.00	0.00	0.00	570.00	1060.00	582.13	0.00	582.14	.62	1.28	3108.64	1345.05
291.000	50.00	0.00	0.00	570.00	1060.00	582.14	0.00	582.14	.31	.90	3110.49	1918.12
1939.000	1648.00	0.00	0.00	571.27	1060.00	582.20	0.00	582.20	.41	.82	3350.58	1655.45
2659.000	720.00	0.00	0.00	573.42	1060.00	582.24	0.00	582.25	1.10	.86	2369.87	1009.94
3189.000	530.00	0.00	0.00	573.50	1060.00	582.32	0.00	582.36	4.40	2.09	833.73	505.10
3389.000	200.00	0.00	0.00	574.95	1060.00	582.23	0.00	582.92	100.93	6.66	159.23	105.51
3403.000	14.00	584.20	580.45	574.95	1120.00	583.70	0.00	584.25	67.92	5.94	188.47	135.90
3443.000	40.00	0.00	0.00	572.50	1120.00	584.29	0.00	584.31	.82	1.20	1106.24	1240.25
3483.000	40.00	0.00	0.00	572.50	1120.00	584.24	0.00	584.34	10.39	2.93	609.34	347.41
3521.000	38.00	0.00	0.00	572.02	1120.00	584.33	0.00	584.37	3.73	1.75	953.15	580.20
4266.000	745.00	0.00	0.00	572.27	1120.00	584.45	0.00	584.45	.51	.75	3411.63	1572.57
4617.000	351.00	0.00	0.00	572.46	1120.00	584.46	0.00	584.48	.69	1.00	2022.20	1352.95
4797.000	260.00	0.00	0.00	572.46	1120.00	584.47	0.00	584.49	.31	1.00	1709.41	2025.11
4848.000	51.00	583.40	579.86	572.46	1120.00	584.53	0.00	584.55	1.29	1.31	1082.14	987.08
4919.000	71.00	0.00	0.00	572.46	1120.00	584.54	0.00	584.56	1.28	1.31	1084.59	989.40
4990.000	71.00	0.00	0.00	572.10	1120.00	584.56	0.00	584.57	.60	.71	1712.99	1441.28
5041.000	51.00	582.97	582.25	572.60	1120.00	584.59	0.00	584.61	1.97	1.38	1465.59	798.62
5261.000	270.00	0.00	0.00	572.30	1120.00	584.64	0.00	584.71	5.80	2.25	827.71	465.09
5525.000	264.00	0.00	0.00	572.27	1120.00	584.77	0.00	584.79	1.59	1.43	1424.66	886.84
5649.000	124.00	0.00	0.00	572.27	1120.00	584.79	0.00	584.81	1.06	1.40	1427.81	1085.29

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
5681.000	32.00	582.23	578.33	572.10	1120.00	584.85	0.00	584.86	.56	.99	1849.42	1496.72
5800.000	119.00	0.00	0.00	572.10	1120.00	584.86	0.00	584.86	.14	.71	2023.19	2991.83
5938.000	138.00	0.00	0.00	571.94	1120.00	584.86	0.00	584.87	.20	.93	1639.03	2481.84
6022.000	84.00	582.30	579.33	571.94	1120.00	584.92	0.00	584.93	.27	1.09	1261.68	2137.91
6100.000	78.00	0.00	0.00	574.80	1120.00	584.92	0.00	584.95	1.31	1.62	889.19	976.76
6270.000	194.00	0.00	0.00	574.80	1120.00	584.91	0.00	585.05	5.79	3.05	380.77	465.59
6282.000	12.00	587.70	584.20	574.90	1120.00	585.06	0.00	585.19	5.60	2.82	396.90	473.26
6332.000	50.00	0.00	0.00	575.00	1120.00	585.21	0.00	585.22	.47	1.02	1070.06	1636.03
6928.000	596.00	0.00	0.00	573.66	1120.00	585.24	0.00	585.24	.18	.55	2215.62	2615.55
7992.000	1064.00	0.00	0.00	575.08	1120.00	585.25	0.00	585.26	.14	.70	2299.19	3037.26
8164.000	172.00	0.00	0.00	575.08	1120.00	585.23	0.00	585.27	1.49	1.63	804.52	918.24
8220.000	56.00	584.30	582.96	575.20	1430.00	585.36	0.00	585.41	2.20	1.87	1000.74	964.52
8270.000	50.00	0.00	0.00	575.20	1430.00	585.38	0.00	585.42	2.01	1.79	1111.38	1008.79
9426.000	1156.00	0.00	0.00	574.95	1430.00	585.56	0.00	585.59	1.16	1.49	1039.44	1325.30
10844.000	1418.00	0.00	0.00	576.55	1430.00	585.71	0.00	585.76	1.11	1.67	896.79	1357.82
10994.000	150.00	0.00	0.00	576.48	1430.00	585.71	0.00	585.79	2.10	2.21	648.01	985.77
11078.000	84.00	585.98	584.24	576.53	1615.00	585.89	0.00	585.98	3.25	2.41	669.91	895.34
11148.000	70.00	0.00	0.00	576.55	1615.00	585.91	0.00	586.02	9.64	3.06	618.78	520.15
12404.000	1256.00	0.00	0.00	574.92	1615.00	586.32	0.00	586.35	1.15	1.87	1403.84	1508.13
12414.000	10.00	581.51	580.92	574.92	1615.00	586.41	0.00	586.43	1.08	1.82	1438.45	1556.69
13397.000	992.00	0.00	0.00	578.04	1615.00	586.49	0.00	586.49	.38	.74	2284.22	2626.31
13597.000	200.00	0.00	0.00	578.04	1615.00	586.49	0.00	586.50	.39	.61	2291.80	2584.77
13653.000	56.00	585.00	584.94	578.10	1800.00	586.74	0.00	586.75	1.75	1.15	1674.51	1360.39
13703.000	50.00	0.00	0.00	578.10	1800.00	586.75	0.00	586.76	1.76	1.15	1672.37	1357.64
15365.000	1662.00	0.00	0.00	577.98	1800.00	586.93	0.00	586.94	.69	.82	2540.21	2166.15
15374.000	9.00	0.00	0.00	577.80	1800.00	586.93	0.00	586.94	.94	1.22	1959.57	1853.70

SECNO	XLCH	ELTRO	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
15534.000	160.00	0.00	0.00	578.00	1800.00	586.95	0.00	586.96	.58	.95	2400.80	2361.39
15584.000	50.00	0.00	0.00	578.00	1800.00	586.95	0.00	586.96	.58	.95	2407.33	2369.24
15634.000	50.00	0.00	0.00	578.00	1800.00	586.95	0.00	586.96	.58	.95	2409.25	2371.56
15890.000	256.00	0.00	0.00	578.30	1800.00	586.97	0.00	586.98	.70	1.05	2221.89	2156.94
16085.000	195.00	0.00	0.00	577.63	1800.00	586.98	0.00	586.99	.70	.98	2227.63	2151.66
16235.000	150.00	0.00	0.00	577.63	1800.00	586.99	0.00	587.01	1.15	1.57	2234.73	1679.61
16285.000	50.00	584.52	583.52	577.70	1890.00	587.08	0.00	587.10	2.02	1.92	2358.14	1330.07
16335.000	50.00	0.00	0.00	577.70	1890.00	587.08	0.00	587.12	2.65	2.51	2366.23	1160.10

: POET DRAIN

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	1060.00	582.10	0.00	0.00	0.00	614.00	0.00
1.000	1060.00	582.10	0.00	-.00	0.00	679.36	32.00
2.000	1060.00	582.10	0.00	.00	0.00	679.36	1.00
3.000	1060.00	582.13	0.00	.03	0.00	679.37	38.00
4.000	1060.00	582.13	0.00	-.00	0.00	679.37	1.00
291.000	1060.00	582.14	0.00	.01	0.00	679.37	50.00
1939.000	1060.00	582.20	0.00	.06	0.00	762.49	1648.00
2659.000	1060.00	582.24	0.00	.04	0.00	386.00	720.00
3189.000	1060.00	582.32	0.00	.08	0.00	122.00	530.00
3389.000	1060.00	582.23	0.00	-.09	0.00	22.00	200.00
3403.000	1120.00	583.70	0.00	1.47	0.00	22.00	14.00
3443.000	1120.00	584.29	0.00	.59	0.00	977.52	40.00
3483.000	1120.00	584.24	0.00	-.04	0.00	970.30	40.00
3521.000	1120.00	584.33	0.00	.09	0.00	881.14	38.00
4266.000	1120.00	584.45	0.00	.12	0.00	729.85	745.00
4617.000	1120.00	584.46	0.00	.01	0.00	368.86	351.00
4797.000	1120.00	584.47	0.00	.01	0.00	544.77	260.00
4848.000	1120.00	584.53	0.00	.06	0.00	433.45	51.00
4919.000	1120.00	584.54	0.00	.01	0.00	434.04	71.00
4990.000	1120.00	584.56	0.00	.02	0.00	565.56	71.00
5041.000	1120.00	584.59	0.00	.03	0.00	513.90	51.00
5261.000	1120.00	584.64	0.00	.05	0.00	345.58	270.00
5525.000	1120.00	584.77	0.00	.13	0.00	360.20	264.00
5649.000	1120.00	584.79	0.00	.02	0.00	358.00	124.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5681.000	1120.00	584.85	0.00	.06	0.00	384.00	32.00
5800.000	1120.00	584.86	0.00	.01	0.00	325.00	119.00
5938.000	1120.00	584.86	0.00	.00	0.00	303.00	138.00
6022.000	1120.00	584.92	0.00	.06	0.00	176.00	84.00
6100.000	1120.00	584.92	0.00	-.00	0.00	137.00	78.00
6270.000	1120.00	584.91	0.00	-.01	0.00	40.00	194.00
6282.000	1120.00	585.06	0.00	.16	0.00	40.00	12.00
6332.000	1120.00	585.21	0.00	.14	0.00	140.00	50.00
6928.000	1120.00	585.24	0.00	.03	0.00	538.28	596.00
7992.000	1120.00	585.25	0.00	.02	0.00	390.00	1064.00
8164.000	1120.00	585.23	0.00	-.02	0.00	310.79	172.00
8220.000	1430.00	585.36	0.00	.13	0.00	360.00	56.00
8270.000	1430.00	585.38	0.00	.02	0.00	476.22	50.00
9426.000	1430.00	585.56	0.00	.18	0.00	190.00	1156.00
10844.000	1430.00	585.71	0.00	.15	0.00	164.00	1418.00
10994.000	1430.00	585.71	0.00	-.00	0.00	88.00	150.00
11078.000	1615.00	585.89	0.00	.18	0.00	88.00	84.00
11148.000	1615.00	585.91	0.00	.02	0.00	200.00	70.00
12404.000	1615.00	586.32	0.00	.42	0.00	396.88	1256.00
12414.000	1615.00	586.41	0.00	.08	0.00	403.02	10.00
13397.000	1615.00	586.49	0.00	.08	0.00	520.56	992.00
13597.000	1615.00	586.49	0.00	.01	0.00	520.56	200.00
13653.000	1800.00	586.74	0.00	.24	0.00	560.00	56.00
13703.000	1800.00	586.75	0.00	.01	0.00	560.00	50.00
15365.000	1800.00	586.93	0.00	.19	0.00	931.21	1662.00
15374.000	1800.00	586.93	0.00	-.00	0.00	663.02	9.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
15534.000	1800.00	586.95	0.00	.02	0.00	937.53	160.00
15584.000	1800.00	586.95	0.00	.00	0.00	938.26	50.00
15634.000	1800.00	586.95	0.00	.00	0.00	938.48	50.00
15890.000	1800.00	586.97	0.00	.02	0.00	870.94	256.00
16085.000	1800.00	586.98	0.00	.01	0.00	553.14	195.00
16235.000	1800.00	586.99	0.00	.01	0.00	553.45	150.00
16285.000	1890.00	587.08	0.00	.09	0.00	1020.54	50.00
16335.000	1890.00	587.08	0.00	-.00	0.00	1022.11	50.00

SUMMARY OF ERRORS AND SPECIAL NOTES

REVISED
HYDRAULIC REPORT
CITY OF TRENTON
MICHIGAN

February 5, 1979
HUD 2011-07

Reed 2-9-79

TABLE 1 - CROSS-SECTION LOCATION
CITY OF TRENTON
FRANK & POET DRAIN

CROSS SECTION	COMPUTER NO.	WTA FIELD BOOK NO.	DESCRIPTION
A	0		Valley Section
A1	1		1' D/S Vreeland
B	2	160 + 40	D/S Face Vreeland & Vreeland Road
C	3		U/S Face Vreeland
C1	4		1' U/S Vreeland
D	291		Valley Section
E	1939	143 + 21	Footbridge
F	2569	136 + 01	Valley Section
G	3189		Valley Section
H	3389	128 + 64	D/S Face of Bridge & Penn Cent. R.R.
I	3403		U/S Face of Bridge
J	3443		Valley Section
K	3483		Abandoned Abutment
L	3521	127 + 39	Valley Section
M	4266	119 + 94	Valley Section
N	4617		Valley Section
O	4797	114 + 38	D/S Face of Bridge & (NB) Fort
P	4848		U/S Face of Bridge
Q	4919		Valley Section
R	4990	112 + 45.5	D/S Face of Bridge & (SB) Fort
S	5041		U/S Face of Bridge
T	5141		Valley Section
U	5261		Valley Section
V	5525		Valley Section
W	5649	105 + 95	D/S Face of Bridge & Van Horn
X	5681		U/S Face of Bridge
Y	5800		Valley Section
Z	5938		D/S End 87" X 136" Culvert
AA	6022		U/S End 87" X 136" Culvert
AB	6100		Valley Section
AC	6270	99 + 84	D/S Face Bridge & D.T.&I. R.R. Bridge
AD	6282		U/S Face of Bridge
AE	6332		Valley Section
AF	6928	93 + 32	Valley Section

HUD 2011-07
rev. 3/6/79

I. INTRODUCTION

The City of Trenton located within the Metropolitan Detroit area covers approximately 7 square miles and is a suburban residential community. This report summarizes the hydraulic studies undertaken to support detailed studies of nearly 3 miles of the Frank & Poet Drain and 4 miles of the Detroit River shoreline.

This study was conducted by Wade, Trim & Associates, Inc., Consulting Engineers, and Glen Roberts served as Project Manager.

II. FRANK & POET DRAIN (DETAILED)

Detailed studies were performed of the Frank & Poet Drain from the northern Trenton City limits at King Road to the southern City limits at Vreeland Road. A total of 6 valley and 13 bridge cross sections were field surveyed and completed in April, 1978. Thirty-five (35) additional cross sections were used in this analysis. Field cross section data were supplemented by USGS Quad Maps of the study area which consists of 5 foot interval contour data (References 1 & 2). The first downstream section used in this study is the same as the most upstream section in the City of Gibraltar FIS (Reference 4). Cross section locations are shown in Exhibit 1. Exhibit 2 contains bridge sketches as well as the computations for total loss coefficients. Field observation showed none of these bridges to be skewed. The flood plain of the Frank & Poet Drain ranges from heavy brush with 2" to 6" diameter trees to grassy lawns.

Table 1 cross references section designations by showing which computer section number corresponds to the cross section letters shown in Exhibit 1. Detailed hydrology studies have been completed on the Frank & Poet Drain as part of the Flood Insurance Studies done for the City of Southgate (Reference 3) and the City of Gibraltar (Reference 4). The City of Southgate is located approximately 2 miles upstream of Trenton, while the City of Gibraltar is located immediately adjacent and downstream of Trenton. Table 2 lists discharges that have been approved by the Michigan Department of Natural Resources (MDNR) for this Drain within this study area.

Houses Not flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
3647 Norwood Avenue	585.7	585.38
3800 Norwood Avenue	585.4	585.29
3801 Norwood Avenue	585.5	585.29
4140 Norwood Avenue	585.8	585.22
4141 Norwood Avenue	585.5	585.22
4200 Norwood Avenue	585.3	585.22
2825 Dunlop	586.1	585.27
2804 Dunlop	585.7	585.27
2826 Canterbury	585.3	585.26
2827 Canterbury	585.5	585.25
2783 Webster	586.8	585.28
2793 Webster	585.6	585.28
2802 Webster	585.6	585.28
2812 Webster	585.7	585.28
3117 Coucy	586.5	584.33
4767 Fort Street	588.4	584.44
4948 Lathrop	584.8	582.32
5130 Lathrop	583.4	582.32
5212 Lathrop	584.1	582.32
5224 Lathrop	584.4	582.36
4045 Ponderosa Drive	585.5	587.27
4827 Mont Faucon	584.9	584.33
4837 Mont Faucon	584.9	584.33
5424 Wilson	582.9	582.24
Northerly Concession Stand Handlers Park	583.0	582.20
5440 Wilson	583.3	582.18

* Lowest Adjacent Grade Point

TABLE 2

Houses Still flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
1777 Churchill Avenue	586.9	586.92
1786 Churchill Avenue	586.8	586.92
1787 Churchill Avenue	586.6	586.92
1795 Churchill Avenue	586.5	586.91
1796 Churchill Avenue	586.5	586.91
1797 Churchill Avenue	586.9	586.91
1798 Churchill Avenue	586.3	586.91
1806 Churchill Avenue	586.7	586.90
1807 Churchill Avenue	586.8	586.90
1856 Churchill Avenue	586.5	586.87
1866 Churchill Avenue	586.7	586.86
1876 Churchill Avenue	586.0	586.86
1877 Churchill Avenue	586.4	586.86
1906 Churchill Avenue	586.8	586.85
1907 Churchill Avenue	586.7	586.84
1916 Churchill Avenue	586.8	586.84
1926 Churchill Avenue	586.7	586.83
1927 Churchill Avenue	586.7	586.83
1937 Churchill Avenue	586.7	586.82
1946 Churchill Avenue	586.3	586.82
1947 Churchill Avenue	586.5	586.82
1956 Churchill Avenue	586.6	586.82
1957 Churchill Avenue	586.3	586.81
1976 Churchill Avenue	586.7	586.81
1977 Churchill Avenue	586.4	586.80
1986 Churchill Avenue	586.8	586.80
1987 Churchill Avenue	586.4	586.80
1996 Churchill Avenue	586.4	586.80
1997 Churchill Avenue	586.3	586.79
2006 Churchill Avenue	586.4	586.79
2057 Churchill Avenue	586.0	586.79
2076 Churchill Avenue	586.2	586.79
2087 Churchill Avenue	586.0	586.78
2096 Churchill Avenue	585.9	586.78
2097 Churchill Avenue	586.3	586.77
2106 Churchill Avenue	586.4	586.77
2107 Churchill Avenue	586.7	586.77

Houses Still flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
2136 Churchill Avenue	586.7	586.77
2137 Churchill Avenue	586.5	586.76
2156 Churchill Avenue	586.4	586.76
2187 Churchill Avenue	586.2	586.75
2196 Churchill Avenue	586.5	586.75
2288 Churchill Avenue	586.3	586.47
2319 Churchill Avenue	585.8	586.47
2328 Churchill Avenue	585.9	586.46
2329 Churchill Avenue	585.9	586.46
2338 Churchill Avenue	585.4	586.46
2339 Churchill Avenue	585.7	586.46
2348 Churchill Avenue	585.4	586.45
2349 Churchill Avenue	585.5	586.45
2358 Churchill Avenue	585.5	586.45
2359 Churchill Avenue	586.2	586.45
2408 Churchill Avenue	585.6	586.44
2409 Churchill Avenue	586.4	586.44
2419 Churchill Avenue	586.2	586.43
2450 Churchill Avenue	585.8	586.42
2287 Newman Drive	586.2	586.47
2327 Newman Drive	585.7	586.46
2337 Newman Drive	586.0	586.46
2347 Newman Drive	586.1	586.45
2357 Newman Drive	585.7	586.45
2407 Newman Drive	585.7	586.44
2417 Newman Drive	585.5	586.43
3224 Margaret Court	586.0	586.20
3202 Stella Court	585.8	585.94
3203 Stella Court	585.8	585.93
3211 Stella Court	585.9	585.92
3216 Stella Court	585.7	585.97
3222 Stella Court	585.8	585.98
3360 Middlefield Road	585.1	585.52
3369 Middlefield Road	585.5	585.51
3370 Middlefield Road	585.0	585.51

Houses Still flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
3379 Middlefield Road	585.4	585.50
3380 Middlefield Road	584.8	585.50
3389 Middlefield Road	585.4	585.50
3390 Middlefield Road	584.7	585.50
3399 Middlefield Road	585.0	585.49
3400 Middlefield Road	584.6	585.49
3409 Middlefield Road	585.0	585.48
3410 Middlefield Road	584.4	585.48
3412 Middlefield Road	584.8	585.47
3416 Middlefield Road	585.3	585.46
3420 Middlefield Road	585.1	585.45
3628 Norwood Avenue	585.2	585.39
3638 Norwood Avenue	585.0	585.39
3648 Norwood Avenue	585.1	585.38
3820 Norwood Avenue	584.8	585.29
3821 Norwood Avenue	585.2	585.29
3830 Norwood Avenue	584.7	585.29
3840 Norwood Avenue	584.5	585.28
3841 Norwood Avenue	585.1	585.28
3850 Norwood Avenue	584.2	585.28
3851 Norwood Avenue	584.2	585.28
3870 Norwood Avenue	584.4	585.28
3871 Norwood Avenue	584.2	585.28
3890 Norwood Avenue	584.0	585.27
3900 Norwood Avenue	584.4	585.27
3910 Norwood Avenue	584.0	585.27
3911 Norwood Avenue	584.4	585.27
3920 Norwood Avenue	584.0	585.27
3921 Norwood Avenue	584.3	585.27
4000 Norwood Avenue	583.9	585.26
4010 Norwood Avenue	583.8	585.26
4020 Norwood Avenue	583.0	585.25
4030 Norwood Avenue	583.0	585.25
4040 Norwood Avenue	582.7	585.25
4041 Norwood Avenue	583.1	585.25
4050 Norwood Avenue	582.8	585.25

Houses Still flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
4050 Norwood Avenue	582.8	585.25
4051 Norwood Avenue	582.9	585.25
4060 Norwood Avenue	582.6	585.24
4061 Norwood Avenue	583.3	585.24
4070 Norwood Avenue	583.0	585.24
4080 Norwood Avenue	583.7	585.24
4081 Norwood Avenue	584.0	585.24
4090 Norwood Avenue	584.0	585.23
4091 Norwood Avenue	584.4	585.23
4100 Norwood Avenue	584.3	585.23
4120 Norwood Avenue	585.1	585.23
4121 Norwood Avenue	584.8	585.23
2865 Marian Drive	584.9	585.29
2881 Marian Drive	584.8	585.29
2824 Dunlop	585.0	585.27
2826 Canterbury	585.3	585.26
2827 Canterbury	585.5	585.25
2846 Canterbury	584.8	585.26
2847 Canterbury	584.6	585.25
2856 Canterbury	584.3	585.26
2857 Canterbury	583.2	585.25
4055 Ponderosa Drive	584.6	585.27
4065 Ponderosa Drive	585.2	585.26
4687 Fort Street	580.2	584.47
4697 Fort Street	583.0	584.47
4793 Montfaucon	579.8	584.33
4799 Montfaucon	582.5	584.33
4801 Montfaucon	583.0	584.33
4832 Montfaucon	584.3	584.33
4848 Montfaucon	581.5	584.33
4857 Montfaucon	582.0	584.33
4867 Montfaucon	581.3	584.33
4878 Montfaucon	580.7	584.33
4887 Montfaucon	580.5	584.33
4888 Montfaucon	580.6	584.33
4898 Montfaucon	580.8	584.33

Houses Still flooded by revised profile (Frank & Poet Drain)	L.A.G.P.*	Revised Flood Profile Elevation
4898 Montfaucon	580.8	584.33
4999 Montfaucon	580.3	584.33
5001 Montfaucon	580.8	584.33
5004 Montfaucon	580.7	584.24
	Attached Garage	
5007 Montfaucon	581.0	584.24
5011 Montfaucon	581.2	584.29
5012 Montfaucon	583.8	584.29
5020 Montfaucon	584.2	584.29
5030 Montfaucon	583.9	584.29
5031 Montfaucon	580.7	584.29
5036 Montfaucon	582.7	584.29
5041 Montfaucon	580.0	584.29
5052 Montfaucon	577.6	584.29
5060 Montfaucon	583.9	584.29
5076 Montfaucon	582.5	584.29
5084 Montfaucon	583.4	584.29
5424 Wilson, Pavillion	578.5	582.18
5424 Wilson, Concession Stand	576.5	582.18
5464 Wilson	580.3	582.17
3004 Vreeland	580.9	582.13

* Lowest Adjacent Grade Point

TABLE 3

Houses out of flood Plain of the Detroit River	L.A.G.P.*
1910 Riverside Drive	578.0
1915 Riverside Drive	579.2
1928 Riverside Drive	578.3
1929 Riverside Drive	579.2
1940 Riverside Drive	578.8
1965 Riverside Drive	578.3
1977 Riverside Drive	578.4
1990 Riverside Drive	578.9
2000 Riverside Drive	577.9
2035 Riverside Drive	577.8
2205 Riverside Drive	580.4
2419 Riverside Drive	577.9
2887 Riverside Drive	583.6
2903 Riverside Drive	584.4
2923 Riverside Drive	581.7

TABLE 4

Houses in flood Plain of the Detroit River	L.A.G.P.*
2208 Riverside Drive	577.5
2009 Riverside Drive	576.9
2020 Riverside Drive	577.4
2023 Riverside Drive	577.0
2044 Riverside Drive	577.2
2047 Riverside Drive	577.2
2059 Riverside Drive	577.3
2255 Riverside Drive	576.6
2535 Riverside Drive	576.6
2751 Riverside Drive	577.1
2757 Riverside Drive	576.6
2775 Riverside Drive	574.6
86 Harrison	576.6
Riverside Hospital	577.3

L.A.G.P. Lowest Adjacent Grade Point

82/05/24. 10.30.49. DUXL(VU) / PRIORITY ... MCAUTO = CYBER 750-8 750A.

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EEEEEEEEEEEE NN        NN DDDDDDDDDD
EEEEEEEEEEEE NN        NN DDDDDDDDDDD
EE           NNN       NN DD       DDD
EE           NNN       NN DD        DD
EE           NNNN      NN DD        DD
EE           NN NN     NN DD        DD
EE           NN  NN    NN DD        DD
EEEEEEEEEEE  NN   NN   NN DD        DD
EEEEEEEEEEE  NN    NN  NN DD        DD
EE           NN     NN NN DD        DD
EE           NN      NNNN DD        DD
EE           NN       NNN DD        DD
EE           NN       NNN DD        DD
EE           NN        NN DD       DDD
EEEEEEEEEEEE NN        NN DDDDDDDDDDD
EEEEEEEEEEEE NN        NN DDDDDDDDDD

EEEEEEEEEEEE   CCCCCCCC   HH        HH   00000000
EEEEEEEEEEEE  CCCCCCCCCC  HH        HH  0000000000
EE           CCC       CC HH        HH 000      000
EE           CC           HH        HH 00        00
EE           CC           HH        HH 00        00
EE           CC           HH        HH 00        00
EE           CC           HH        HH 00        00
EEEEEEEEEEE  CC           HHHHHHHHHHHH 00        00
EEEEEEEEEEE  CC           HHHHHHHHHHHH 00        00
EE           CC           HH        HH 00        00
EE           CC           HH        HH 00        00
EE           CC           HH        HH 00        00
EE           CC           HH        HH 00        00
EE           CCC       CC HH        HH 000      000
EEEEEEEEEEEE  CCCCCCCCCC  HH        HH  0000000000
EEEEEEEEEEEE   CCCCCCCC   HH        HH   00000000
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1*************************************************************************************
 *  WATER SURFACE PROFILES                                                  *
 *  VERSION OF NOVEMBER 1976                                                *
 *  UPDATED APRIL 1980                                                      *
 *                                                                          *
 *  RUN DATE  82/05/24. TIME  10.30.50.                                     *
 *************************************************************************************
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*************************************************************************************
 *  U.S. ARMY CORPS OF ENGINEERS
 *  THE HYDROLOGIC ENGINEERING CENTER
 *  609 SECOND STREET, SUITE D
 *  DAVIS, CALIFORNIA 95616
 *  (916) 440-2105 (FTS) 448-2105
*************************************************************************************
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X     X  XXXXXXX   XXXXX            XXXXX
X     X  X         X     X          X     X
X     X  X         X                      X
XXXXXXX  XXXX      X         XXXXX   XXXXX
X     X  X         X                X
X     X  X         X     X          X
X     X  XXXXXXX   XXXXX            XXXXXXX
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82/05/24. 10.30.50. PAGE 1

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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED APRI 1980
  ERROR CORR =  01,02,03,04
  MODIFICATION =  50,51,52,53,54
*****************************************************
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C

T1 CITY OF TRENTON STARTING WSEL BASED ON GIBRALTER ERROR CORRECTION
T2 10 YEAR STORM(DNR FLOWS) A. RENJIFO 5/20/82 HRC#81105
T3 FRANK & POET DRAIN

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	580.060	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

QT	2.000	1050.000	740.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.060	.060	.035	.300	.500	0.000	0.000	0.000	0.000	0.000

X-SECT. D/S OF VREELAND RD. FROM GIBRALTAR FIS

X1	0.000	14.000	435.000	460.000	0.000	0.000	0.000	0.000	1.430	0.000
X3	0.000	0.000	0.000	100.000	0.000	714.000	0.000	0.000	0.000	0.000
GR	580.400	0.000	580.400	60.000	578.600	80.000	576.600	100.000	574.600	130.000
GR	573.700	410.000	573.600	435.000	569.300	450.000	573.700	460.000	573.800	475.000
GR	574.600	630.000	576.600	825.000	578.600	910.000	579.000	1030.000	0.000	0.000

X-SECT. 1 FOOT D/S OF VREELAND RD. GLBR. SECT. 10654.

X1	1.000	24.000	410.000	432.800	32.000	32.000	32.000	0.000	0.000	0.000
X3	10.000	570.000	0.000	0.000	0.000	0.000	0.000	577.000	577.000	0.000
GR	600.000	0.000	578.800	1.000	578.100	200.000	577.300	401.000	577.300	410.000
GR	572.200	412.100	570.100	412.900	569.500	414.900	570.100	416.800	572.200	417.600
GR	572.200	420.100	570.100	420.900	569.500	422.900	570.100	424.800	572.200	425.600
GR	572.200	428.100	570.100	428.900	569.500	430.900	570.100	432.800	572.200	433.600
GR	577.300	434.000	577.500	450.000	577.400	680.000	600.000	681.000	0.000	0.000
NC	.020	.018	.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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82/05/24. 10.30.50. PAGE 2

X-SECT. D/S FACE OF VREELAND RD. GLBR. SECT. 10655.

X1	2.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	10.000	570.000	0.000	0.000	0.000	0.000	0.000	577.000	577.000	0.000
SR	0.000	1.960	3.000	0.000	7.900	0.000	71.270	1.000	569.500	569.500
BT	2.000	1060.000	760.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X-SECT. U/S FACE OF VREELAND RD. GLBR. SECT. 10693.

X1	3.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	575.000	578.700	0.000	0.000	0.000	0.000	0.000
X3	10.000	570.000	0.000	0.000	0.000	0.000	0.000	578.700	578.700	0.000
BT	20.000	1.000	580.200	576.800	200.000	579.500	578.100	401.000	578.700	577.300
BT	412.100	578.700	572.200	412.900	578.700	574.500	414.900	578.700	575.000	416.800
BT	578.700	574.500	417.600	578.700	572.200	420.100	578.700	572.200	420.900	578.700
BT	574.500	422.900	578.700	575.000	424.800	578.700	574.500	425.600	578.700	572.200
BT	428.100	578.700	572.200	428.900	578.700	574.500	430.900	578.700	575.000	432.800
BT	578.700	574.500	433.600	578.700	572.200	450.000	578.700	577.300	680.000	578.800
BT	577.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.120	.120	.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X-SECT. 1 FOOT U/S OF VREELAND RD. GLBR. SECT. 10694.

X1	4.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	10.000	570.000	0.000	0.000	0.000	0.000	0.000	578.700	578.700	0.000
NC	.120	.100	.040	.100	.300	0.000	0.000	0.000	0.000	0.000
NH	4.000	.120	50.000	.055	410.000	.035	432.800	.120	681.000	0.000

BASED ON FIELD NOTES & QUAD MAP

X1	291.000	25.000	410.000	432.800	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	570.000	0.000	0.000	0.000	0.000	0.000	577.000	577.000	0.000
GR	600.000	0.000	578.600	1.000	578.600	50.000	578.100	200.000	577.300	401.000
GR	577.300	410.000	572.200	412.100	570.100	412.900	569.500	414.900	570.100	416.800
GR	572.200	417.600	572.200	420.100	570.100	420.900	569.500	422.900	570.100	424.800
GR	572.200	425.600	572.200	428.100	570.100	428.900	569.500	430.900	570.100	432.800
GR	572.200	433.600	577.300	434.000	577.300	450.000	577.400	680.000	600.000	681.000
NC	.105	.105	.050	.100	.300	0.000	0.000	0.000	0.000	0.000

0 SECTION SAME AS 14521 FIELD BOOK 955

X1	1939.000	15.000	610.000	600.000	1648.000	1648.000	1648.000	0.000	0.000	0.000
GR	585.000	0.000	580.000	275.000	576.370	415.000	576.420	515.000	576.620	595.000
GR	576.250	610.000	571.300	613.000	571.270	625.000	571.300	637.000	575.640	640.000
GR	575.840	702.000	576.670	759.000	578.370	837.000	580.000	850.000	585.000	1000.000
NC	.150	.130	.070	.100	.300	0.000	0.000	0.000	0.000	0.000

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0 SECTION SAME AS 13601

X1	2659.000	25.000	683.000	922.000	720.000	720.000	720.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	707.000	584.200	1093.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	584.500	75.000	592.500	76.000	592.500	99.000	584.500	100.000
GR	584.500	200.000	592.500	201.000	592.500	224.000	584.500	225.000	580.000	400.000
GR	579.470	678.000	575.920	720.000	576.020	738.000	576.220	843.000	577.820	858.000
GR	576.220	843.000	574.070	868.000	573.420	900.000	574.620	912.000	575.720	915.000
GR	576.420	922.000	576.070	1042.000	576.120	1112.000	580.000	1150.000	585.000	1250.000

NC	.105	.145	.060	.100	.300	0.000	0.000	0.000	0.000	0.000

0 BASED ON FIELD NOTES & QUAD MAP

X1	3109.000	12.000	663.000	719.000	530.000	530.000	530.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	639.000	584.200	761.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	325.000	575.200	490.000	575.500	650.000	576.000	683.000
GR	574.000	668.000	573.500	700.000	574.000	714.000	576.000	719.000	578.000	810.000
GR	580.900	985.000	584.500	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.055	.140	.060	.300	.500	0.000	0.000	0.000	0.000	0.000

0 D/S FACE PENN CENTRAL

X1	3389.000	12.000	733.000	769.000	160.000	200.000	200.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	739.000	584.200	761.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	200.000	577.200	491.000	576.000	611.000	576.820	733.000
GR	575.050	736.000	574.950	750.000	575.050	764.000	580.770	769.000	580.900	991.000
GR	580.000	1500.000	585.000	1700.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.080	.080	.060	.300	.500	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.480	3.000	1600.000	21.000	0.000	115.000	0.000	0.000	0.000
BT	2.000	1090.000	785.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

0 U/S FACE PENN CENTRAL

X1	3403.000	10.000	785.000	825.000	14.000	14.000	14.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	580.450	584.200	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	789.000	584.200	811.000	584.200	0.000	0.000	0.000
BT	5.000	0.000	584.200	584.200	785.000	584.200	583.520	791.000	584.200	580.450
BT	812.000	584.200	580.450	1600.000	584.200	584.200	0.000	0.000	0.000	0.000
GR	584.200	0.000	582.000	510.000	583.520	785.000	575.050	791.000	574.950	600.000
GR	575.050	812.000	578.570	815.000	580.000	825.000	580.100	1110.000	584.200	1600.000
NC	.130	.035	.055	.100	.300	0.000	0.000	0.000	0.000	0.000

0 BASED ON FIELD NOTES & QUAD MAP

X1	3443.000	14.000	660.000	735.000	40.000	40.000	40.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	649.000	584.200	751.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	576.200	404.000	576.200	494.000	576.200	668.000
GR	575.000	670.000	572.500	700.000	575.000	730.000	577.200	735.000	577.200	814.000
GR	577.100	924.000	576.900	1044.000	580.000	1075.000	585.000	1400.000	0.000	0.000

0 ABANDONED ABUTMENT BY PENN CENTRAL

X1	3483.000	14.000	640.000	660.000	40.000	40.000	40.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	559.000	584.200	741.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	150.000	581.700	310.000	581.900	640.000	575.000	642.000
GR	572.500	650.000	575.000	658.000	581.900	660.000	582.400	690.000	581.600	770.000
GR	581.500	660.000	581.900	940.000	580.000	1100.000	585.000	1300.000	0.000	0.000

0 SECTION SAME AS 12739

X1	3521.000	17.000	589.000	619.000	38.000	38.000	38.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	471.000	584.200	729.000	584.200	0.000	0.000	0.000
GR	585.000	0.000	580.000	100.000	581.720	266.000	581.670	406.000	581.920	551.000
GR	581.820	589.000	574.720	641.000	582.120	600.000	582.020	609.000	580.420	611.000
GR	582.120	619.000	582.170	629.000	581.170	669.000	581.020	724.000	582.220	869.000

GR	582.170	[illegible]	[illegible]	1200.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.120	.150	.060	.100	.300	0.000	0.000	0.000	0.000	0.000

0 SECTION SAME AS 11994

X1	0266.000	21.000	362.000	384.000	745.000	745.000	745.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	216.000	583.400	534.000	583.400	0.000	0.000	0.000
GR	585.000	0.000	580.000	125.000	574.770	170.000	575.470	308.000	576.470	323.000
GR	577.270	338.000	577.470	343.000	577.470	348.000	577.570	353.000	577.320	362.000
GR	575.520	364.000	572.270	375.000	574.670	386.000	579.220	388.000	580.110	418.000
GR	580.020	474.000	560.220	500.000	580.670	515.000	580.460	540.000	582.850	580.000
GR	585.000	800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.120	.150	.060	.100	.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	1.410	0.000	0.000	0.000	0.000	0.000

0 STOPPED AT HOUSE LINE BASED ON FIELD NOTES & QUAD MAP

X1	4617.000	15.000	250.000	320.000	351.000	351.000	351.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	214.000	583.400	356.000	583.400	0.000	0.000	0.000
GR	585.000	0.000	580.000	120.000	580.000	160.000	578.000	240.000	577.500	250.000
GR	572.500	260.000	572.460	285.000	572.500	310.000	578.000	320.000	578.200	330.000
GR	585.000	331.000	585.000	365.000	579.000	366.000	580.000	415.000	585.000	416.000
NC	.050	.050	.035	.300	.500	0.000	0.000	0.000	0.000	0.000

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0 D/S FACE OF FORT ST. NB

X1	4797.000	12.000	333.000	427.000	120.000	180.000	260.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	353.000	583.400	405.000	583.400	0.000	0.000	0.000
GR	584.100	40.000	583.000	290.000	580.000	300.000	579.310	333.000	576.060	348.000
GR	572.460	379.000	576.160	409.000	578.860	419.000	580.000	427.000	582.000	548.000
GR	584.000	568.000	585.700	628.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.035	.035	.055	.300	.500	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.530	3.000	0.000	51.000	0.000	377.400	0.000	572.460	572.460

0 D/S FACE OF FORT ST. NB

X1	4648.000	15.000	340.000	389.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	579.860	583.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	583.000	585.000	0.000
RT	9.000	40.000	584.100	584.100	300.000	583.400	582.000	340.000	583.630	579.760
RT	341.000	584.580	579.860	388.000	584.580	579.860	389.000	584.020	582.000	439.000
BT	584.440	584.200	585.000	585.600	585.600	629.000	585.640	585.600	0.000	0.000
GR	584.100	40.000	583.000	290.000	582.000	300.000	579.760	340.000	579.760	340.900
GR	573.810	341.000	572.460	359.000	572.960	388.000	580.020	388.100	582.000	389.000
GR	582.000	425.000	584.000	435.000	584.200	439.000	585.600	585.000	585.640	629.000

X1	4919.000	0.000	0.000	0.000	71.000	71.000	71.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	533.000	582.970	585.000	582.970	0.000	0.000	0.000

0 D/S FACE OF FORT ST. SB

X1	4990.000	14.000	510.000	610.000	71.000	71.000	71.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	548.000	582.970	600.000	582.970	0.000	0.000	0.000
GR	584.100	50.000	583.000	140.000	580.000	300.000	582.000	350.000	583.300	460.000
GR	584.000	510.000	579.720	550.400	574.460	550.500	572.100	574.000	572.510	597.500
GR	579.710	597.600	584.000	610.000	586.000	630.000	586.000	770.000	0.000	0.000

NC	.045	.085	.080	.300	.500	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.430	3.000	0.000	51.000	0.000	517.650	0.000	572.100	572.100

0 U/S FACE OF FORT ST. SB.

X1	5041.000	13.000	520.000	569.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	582.250	582.970	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	583.000	583.000	0.000
BT	11.000	50.000	584.100	584.100	300.000	583.000	583.000	310.000	583.110	582.800
BT	380.000	584.090	581.750	520.000	586.710	586.710	521.000	506.970	582.250	568.000
BT	586.970	582.250	569.000	587.160	587.160	580.000	508.000	588.000	585.000	590.000
BT	590.000	605.000	592.000	592.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	584.100	50.000	583.000	300.000	582.000	310.000	581.750	380.000	580.000	505.000
GR	586.710	520.000	575.160	521.000	572.600	505.000	572.810	568.000	587.160	569.000
GR	588.000	580.000	590.000	585.000	592.000	609.000	0.000	0.000	0.000	0.000

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XT	5261.000	11.000	350.000	395.000	140.000	220.000	270.000	0.000	0.000	0.000
GR	583.200	50.000	583.500	300.000	582.000	350.000	580.000	355.000	578.900	360.000
GR	572.300	365.000	572.600	377.000	572.700	389.000	587.200	395.000	588.000	400.000
GR	583.000	405.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XT	5525.000	13.000	75.000	116.000	264.000	264.000	264.000	0.000	0.000	0.000
GR	583.200	0.000	580.000	75.000	578.700	77.000	572.300	82.000	572.270	95.000
GR	572.300	110.000	578.900	116.000	578.000	120.000	580.000	140.000	582.300	230.000
GR	583.000	330.000	583.500	360.000	590.000	361.000	0.000	0.000	0.000	0.000
NC	.070	.070	.050	.300	.500	0.000	0.000	0.000	0.000	0.000

0 D/S OF VAN HORN RD.

X1	5649.000	0.000	0.000	0.000	124.000	124.000	124.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1.000	0.000	359.000	0.000	578.500	578.500	0.000
SB	0.000	1.450	3.000	0.000	18.000	0.000	112.680	0.000	571.610	571.610

0 U/S OF VAN HORN RD.

X1	5651.000	16.000	82.000	148.000	32.000	32.000	32.000	0.000	0.000	0.000
X2	0.000	0.000	1.040	570.330	582.230	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1.000	0.000	385.000	0.000	582.230	582.230	0.000
BT	10.000	0.000	582.800	582.800	5.000	582.700	582.000	35.000	582.500	580.000
BT	100.000	582.290	574.600	101.000	584.230	578.330	119.000	584.230	578.330	120.000
BT	582.230	572.800	256.000	582.270	561.700	356.000	583.000	562.500	386.000	563.500
BT	583.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	582.800	0.000	562.000	5.000	580.000	35.000	578.910	82.000	575.760	94.000
GR	574.600	100.000	575.300	101.000	572.100	115.000	572.700	119.000	572.800	120.000
GR	575.910	136.000	578.660	148.000	581.700	256.000	582.500	356.000	583.500	386.000
GR	590.000	347.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.035	.035	.035	.100	.300	0.000	0.000	0.000	0.000	0.000

XT	5800.000	11.000	217.000	283.000	119.000	119.000	119.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	165.000	0.000	490.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	583.000	80.000	582.000	100.000	580.000	170.000	578.910	217.000
GR	575.760	229.000	572.100	250.000	575.910	271.000	578.660	283.000	580.000	450.000
BR	585.300	850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.035	.035	.055	.300	.500	0.000	0.000	0.000	0.000	0.000

0 D/S 87- HY-136 CULVERT

X1	5938.000	21.000	300.000	363.000	138.000	138.000	138.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	230.000	0.000	533.000	0.000	582.300	582.300	0.000
GR	586.000	0.000	585.000	50.000	582.000	229.000	580.700	300.000	574.200	309.000
GR	571.940	313.000	571.940	319.000	571.940	319.340	571.940	328.500	571.940	328.600
GR	571.940	331.400	571.940	331.500	571.940	340.660	571.940	341.000	571.940	353.000
GR	578.500	363.000	579.250	390.000	580.250	425.000	583.000	515.000	583.000	530.000

GR	583.000	600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.390	3.000	0.000	21.320	0.000	132.800	0.000	572.050	571.940

0 U/S 87 HY 136 CULVERT

X1	6022.000	0.000	0.000	0.000	84.000	84.000	84.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	579.330	582.300	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	250.000	587.700	414.000	587.700	0.000	0.000	0.000
BT	15.000	0.000	586.000	586.000	229.000	582.300	582.000	309.000	582.300	574.200
BT	319.000	582.300	571.940	319.340	582.300	579.190	328.500	582.300	579.190	328.600
BT	582.300	571.940	331.400	582.300	571.940	331.500	582.300	579.190	340.660	582.300
BT	579.190	341.000	582.300	571.940	583.000	582.300	571.940	583.000	582.300	578.500
BT	390.000	583.100	579.250	425.000	582.770	580.250	0.000	0.000	0.000	0.000
NC	.065	.045	.045	.300	.500	0.000	0.000	0.000	0.000	0.000

X1	6100.000	17.000	233.000	277.000	78.000	78.000	78.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	187.000	587.700	315.000	587.700	0.000	0.000	0.000
GR	585.000	0.000	581.400	55.000	581.100	125.000	582.000	170.000	582.200	177.000
GR	582.000	185.000	580.000	215.000	578.690	253.000	574.900	238.000	574.800	250.000
GR	574.900	272.000	580.290	277.000	578.100	315.000	578.500	385.000	578.800	465.000
GR	580.000	535.000	585.000	825.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.065	.045	.045	.300	.500	0.000	0.000	0.000	0.000	0.000

0 D/S OF DT & I R.R.

X1	6270.000	0.000	0.000	0.000	194.000	194.000	194.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	235.650	587.700	264.350	587.700	0.000	0.000	0.000
NC	.035	.030	.045	.300	.500	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.410	3.000	0.000	28.700	1.500	340.000	.920	574.900	574.900

0 U/S OF DT & I R.R.

X1	6282.000	13.000	251.000	314.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.200	587.700	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	260.000	587.700	289.000	587.700	0.000	0.000	0.000
GR	585.000	0.000	580.000	100.000	577.900	251.000	575.000	257.000	574.900	275.000
GR	575.000	287.000	576.790	296.000	578.000	301.000	580.000	305.000	582.000	313.000
GR	584.000	310.000	584.200	488.000	585.000	850.000	0.000	0.000	0.000	0.000

X1	6332.000	14.000	254.000	299.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	210.000	587.700	340.000	587.700	0.000	0.000	0.000
GR	585.000	0.000	582.000	75.000	580.000	165.000	580.000	235.000	576.000	245.000
GR	577.940	258.000	575.100	263.000	575.000	275.000	575.100	295.000	576.790	299.000
GR	578.000	321.000	576.200	421.000	580.000	585.000	582.500	725.000	0.000	0.000
NC	.035	.030	.050	.100	.300	0.000	0.000	0.000	0.000	0.000

0 SECTION SAME AS 9332

XI	6920.000	23.000	395.000	487.000	596.000	596.000	596.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	280.000	0.000	820.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	60.000	592.500	61.000	592.500	91.000	584.500	92.000
GR	583.000	250.000	591.000	251.000	591.000	281.000	583.000	282.000	580.000	300.000
GR	578.410	395.000	575.660	405.000	573.660	425.000	576.310	445.000	577.510	455.000
GR	580.310	467.000	581.460	507.000	581.910	542.000	583.310	622.000	583.000	825.000
GR	591.000	826.000	591.000	856.000	585.000	857.000	0.000	0.000	0.000	0.000
NC	.045	.035	.035	.100	.300	0.000	0.000	0.000	0.000	0.000

XI	7992.000	20.000	425.000	491.000	1064.000	1064.000	1064.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	381.000	584.300	519.000	584.300	0.000	0.000	0.000
GR	593.000	0.000	585.000	1.000	584.000	111.000	592.000	112.000	592.000	142.000
GR	584.000	143.000	581.000	248.000	580.000	303.000	578.000	425.000	575.200	435.000
GR	575.080	450.000	575.200	476.000	576.000	491.000	580.000	543.000	582.000	563.000
GR	584.000	588.000	585.000	600.000	593.000	601.000	593.000	630.000	585.000	631.000
NC	.045	.035	.035	.100	.300	0.000	0.000	0.000	0.000	0.000

0 D/S OF MARION DR.

XI	8164.000	20.000	383.000	503.000	172.000	172.000	172.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	399.000	584.300	451.000	584.300	0.000	0.000	0.000
GR	585.000	0.000	584.500	100.000	592.500	101.000	592.500	130.000	584.500	131.000
GR	584.000	233.000	585.400	333.000	584.000	383.000	582.000	395.000	580.010	400.000
GR	577.410	410.000	575.080	425.000	577.560	451.000	580.460	466.000	585.900	503.000
GR	585.700	643.000	593.700	644.000	593.700	674.000	585.000	675.000	585.000	700.000
SB	0.000	1.530	3.000	0.000	52.000	0.000	409.760	0.000	0.000	0.000
NC	.040	.035	.045	.300	.500	0.000	0.000	0.000	0.000	0.000
QT	2.000	1320.000	930.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

0 U/S OF MARION DR.

XI	8220.000	30.000	404.000	485.000	56.000	56.000	56.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	582.960	584.300	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	424.000	584.300	476.000	584.300	0.000	0.000	0.000
BT	11.000	169.000	584.500	584.300	254.000	584.300	584.000	349.000	585.260	584.000
BT	389.000	585.850	584.000	425.500	586.090	577.500	424.000	586.460	582.960	476.000
BT	586.460	582.960	476.500	586.300	578.400	516.000	586.140	584.200	531.000	586.130
BT	584.200	654.000	585.870	585.870	0.000	0.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	100.000	592.500	101.000	592.500	130.000	584.500	131.000
GR	584.300	169.000	584.000	233.000	584.000	254.000	584.000	349.000	584.000	389.000
GR	584.000	404.000	582.000	409.000	580.010	414.000	577.500	423.500	577.960	424.000
GR	575.200	450.000	577.010	475.000	578.300	476.000	576.400	476.300	580.660	485.000
GR	582.000	489.000	584.040	497.000	584.200	514.000	584.200	531.000	585.200	644.000
GR	585.870	654.000	585.900	800.000	593.900	801.000	593.900	831.000	585.900	852.000
NC	.040	.035	.045	.100	.300	0.000	0.000	0.000	0.000	0.000

XI	6270.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	374.000	584.300	526.000	584.300	0.000	0.000	0.000
NC	.035	.035	.045	.100	.300	0.000	0.000	0.000	0.000	0.000

0 SECTION SAME AS 6834

XI	9026.000	21.000	507.000	552.000	1156.000	1156.000	1156.000	0.000	0.000	0.000

X5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	580.500	65.000	592.500	66.000	592.500	96.000	584.500	97.000
GR	584.500	207.000	592.500	206.000	592.500	258.000	584.500	259.000	586.100	403.000
GR	585.350	421.000	581.050	441.000	579.300	458.000	578.750	485.000	579.450	507.000
GR	579.950	525.000	576.150	543.000	580.350	552.000	582.950	602.000	583.850	640.000
GR	586.900	750.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.040	.030	.035	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	10844.000	11.000	412.000	527.000	1418.000	1418.000	1418.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	407.000	586.100	543.000	586.100	0.000	0.000	0.000
GR	590.000	0.000	585.000	150.000	584.700	340.000	584.570	412.000	576.600	442.000
GR	576.550	475.000	576.600	502.000	583.670	527.000	586.000	565.000	588.000	595.000
GR	590.000	630.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.040	.030	.035	.100	.300	0.000	0.000	0.000	0.000	0.000

. D/S OF WEST RD.

X1	10994.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.000	0.000
X5	0.000	0.000	0.000	445.000	586.100	505.000	586.100	0.000	0.000	0.000
SB	1.050	1.640	3.000	0.000	60.000	3.520	585.200	1.750	0.000	0.000
NH	5.000	.035	408.000	.100	433.000	.035	470.000	.100	491.000	.035
NH	752.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	2.000	1500.000	1100.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

. U/S OF WEST RD.

X1	11078.000	30.000	433.000	491.000	84.000	84.000	84.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.250	586.100	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	420.000	586.100	480.000	586.100	0.000	0.000	0.000
BT	8.000	0.000	590.000	590.000	253.000	586.700	586.700	452.000	586.100	577.000
BT	453.000	586.750	584.250	490.000	586.750	584.250	491.000	586.420	584.200	671.000
BT	585.520	588.820	752.000	590.000	590.000	0.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	586.700	250.000	586.700	253.000	585.000	350.000	584.000	370.000
GR	582.000	408.000	581.520	428.250	584.250	428.260	584.250	429.750	581.300	429.760
GR	581.220	433.000	578.920	441.000	576.550	450.000	577.000	452.000	577.200	453.000
GR	578.820	462.000	578.040	463.250	584.250	463.260	584.250	464.750	578.910	464.760
GR	582.170	470.000	584.000	483.000	584.100	490.000	584.200	491.000	586.000	583.000
GR	586.500	671.000	590.000	720.000	598.000	721.000	598.000	751.000	590.000	752.000

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X1	11146.000	0.000	0.000	0.000	70.000	70.000	70.000	0.000	0.000	0.000
X5	0.000	0.000	0.000	350.000	586.100	550.000	586.100	0.000	0.000	0.000
NH	5.000	.035	390.000	.100	413.500	.035	444.500	.100	460.000	.035
NH	619.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	12404.000	27.000	413.500	444.500	1256.000	1256.000	1256.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	581.000	581.000	0.000
GR	590.000	0.000	587.720	60.000	596.000	61.000	596.000	91.000	587.720	92.000
GR	585.490	250.000	583.210	296.000	581.510	561.000	561.600	390.000	582.050	413.000
GR	577.920	413.500	574.920	418.200	577.920	422.900	577.920	424.300	574.920	429.000
GR	577.920	434.700	577.920	435.100	574.920	439.800	577.920	444.500	582.110	485.000
GR	582.050	460.000	582.040	478.000	582.710	550.000	585.210	578.000	585.810	588.000
GR	593.810	589.000	593.810	619.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.280	2.500	0.000	8.000	0.000	84.000	1.000	0.000	0.000
X1	12414.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.920	581.510	0.000	0.000	0.000	0.000	0.000

X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	581.510	581.510	0.000
BT	20.000	0.000	590.000	590.000	60.000	587.720	587.720	250.000	585.490	585.490
BT	296.000	583.210	583.210	581.000	581.510	581.000	413.000	582.050	582.050	413.500
BT	582.050	577.920	418.200	582.030	580.920	422.900	582.110	577.920	424.300	582.110
BT	577.920	429.000	582.110	580.920	433.700	582.110	577.920	435.100	582.110	577.920
BT	439.800	582.110	580.920	444.500	582.110	577.920	445.000	582.110	582.110	475.000
BT	582.060	582.060	550.020	582.710	582.710	578.000	585.210	585.210	588.000	585.810
BT	585.810	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.035	.035	.045	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	13397.000	15.000	382.000	416.000	992.000	992.000	992.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	180.000	0.000	740.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	586.000	192.000	584.000	217.000	582.000	317.000	581.300	332.000
GR	582.000	552.000	583.970	582.000	578.100	388.000	578.040	400.000	578.100	406.000
GR	580.970	416.000	582.000	592.000	582.000	700.000	590.000	701.000	590.000	741.000
NC	.035	.035	.055	.300	.500	0.000	0.000	0.000	0.000	0.000

. O/S OF HARRISUN RD.

X1	13597.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	180.000	0.000	740.000	0.000	585.000	585.000	0.000
3B	0.000	1.690	3.000	0.000	55.000	0.000	579.500	0.000	0.000	0.000
BT	2.000	1740.000	1185.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

. U/S OF HARRISON RD.

X1	13653.000	32.000	390.000	485.000	56.000	56.000	56.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.940	584.800	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.600	180.000	0.000	740.000	0.000	584.800	584.800	0.000
BT	16.000	179.000	586.700	586.700	188.000	586.380	586.200	200.000	586.000	586.000
BT	212.000	585.500	585.500	312.000	587.890	584.400	396.500	588.320	583.200	397.000
BT	588.440	584.940	453.000	588.440	584.940	454.000	588.070	581.200	470.000	587.800
BT	582.000	485.000	587.300	584.000	489.000	587.270	584.000	589.000	586.470	584.000
BT	654.000	585.770	584.000	741.000	585.000	584.000	750.000	584.800	584.000	0.000
GR	590.000	0.000	590.000	65.000	598.000	66.000	598.000	96.000	590.000	97.000
GR	586.700	179.000	586.200	188.000	586.000	200.000	585.500	212.000	585.000	225.000
GR	584.400	312.000	584.000	390.000	583.200	396.500	583.000	397.000	582.000	405.000
GR	581.620	410.000	578.140	419.000	578.100	425.000	578.140	437.000	580.000	407.000
GR	581.100	453.000	581.200	454.000	582.000	470.000	584.000	485.000	584.000	489.000
GR	584.000	589.000	584.000	625.000	584.000	654.000	584.000	741.000	584.000	750.000
GR	592.000	751.000	592.000	781.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	13703.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	180.000	0.000	740.000	0.000	0.000	0.000	0.000

. SECTION SAME AS 895

X1	15365.000	20.000	520.000	563.000	1662.000	1662.000	1662.000	0.000	0.000	0.000
GR	590.000	0.000	587.000	60.000	595.000	41.000	595.000	91.000	587.000	92.000
GR	585.000	150.000	584.730	550.000	582.780	450.000	582.480	475.000	582.730	520.000
GR	579.660	525.000	577.980	536.000	578.780	547.000	582.680	563.000	584.380	692.000
GR	584.280	742.000	585.000	900.000	585.500	1025.000	593.500	1026.000	593.500	1056.000
NC	.035	.035	.045	.300	.500	0.000	0.000	0.000	0.000	0.000

. PROF[illegible]INE C 2101 SOUTH OF PROPOSED SOM.

X1	15574.000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.000	0.000	0.000
GR	588.300	[illegible]	587.600	50.000	585.900	125.000	582.500	275.000	582.200	325.000
GR	582.700	350.000	577.400	355.000	577.800	377.000	582.800	382.000	584.200	432.000
GR	583.600	532.000	584.500	632.000	585.800	707.000	587.400	757.000	587.900	782.000
GR	595.900	783.000	595.900	812.000	587.900	813.000	0.000	0.000	0.000	0.000

. DOWNSTREAM OF SUBDIVISON

X1	15534.000	17.000	330.000	368.000	160.000	160.000	160.000	0.000	0.000	0.000
GR	588.200	0.000	585.700	25.000	583.700	50.000	581.700	225.000	582.200	325.000
GR	582.200	330.000	578.000	341.000	578.000	363.000	583.500	368.000	584.500	402.000
GR	586.000	452.000	585.300	579.000	584.200	652.000	586.700	802.000	586.800	852.000
GR	586.500	908.000	587.300	984.000	0.000	0.000	0.000	0.000	0.000	0.000

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. PROFILE LINE B 616: SOUTH OF KING RD. SOUTH OF PROPOSED SUB.

X1	15584.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000

. DUMMY SECT. 50 FT. INSIDE B.PROPLINE REPEAT SECT. 15534 W/PROP.FL.

X1	15634.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000

. PROFILE LINE A 310: SOUTH OF KING RD.

X1	15890.000	22.000	289.000	321.000	256.000	256.000	256.000	0.000	0.000	0.000
GR	588.300	0.000	585.900	25.000	584.300	50.000	584.500	75.000	583.400	100.000
GR	582.400	175.000	582.000	289.000	578.300	294.000	578.300	316.000	582.200	321.000
GR	582.800	355.000	585.200	430.000	583.900	505.000	585.200	555.000	586.400	655.000
GR	586.400	620.000	585.900	705.000	586.500	805.000	586.900	830.000	586.600	880.000
GR	588.500	905.000	589.300	930.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.040	.040	.050	.300	.500	0.000	0.000	0.000	0.000	0.000

X1	16085.000	16.000	480.000	522.000	195.000	195.000	195.000	0.000	0.000	0.000
GR	590.000	0.000	588.300	196.200	584.300	248.000	582.600	298.000	582.300	448.000
GR	582.490	480.000	577.700	489.000	577.630	500.000	577.700	515.000	582.490	522.000
GR	585.600	698.000	585.700	751.000	587.000	766.000	588.000	791.000	589.000	821.000
GR	589.000	861.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.060	.060	.040	.300	.500	0.000	0.000	0.000	0.000	0.000

. D/S OF KING RD.

X1	16235.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	584.990	584.990	0.000
SB	0.000	1.520	3.000	0.000	13.000	0.000	62.230	.230	0.000	0.000
QT	2.000	1690.000	1260.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

. U/S OF KING RD.

X1	16245.000	19.000	503.000	539.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	585.520	584.520	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	584.990	584.990	0.000
BT	16.000	0.000	590.000	590.000	313.000	587.380	584.750	525.000	587.270	584.750
BT	420.000	586.330	584.500	583.000	585.700	584.390	511.000	585.600	578.600	514.000
BT	585.520	578.500	515.000	585.520	583.520	525.000	585.380	583.520	535.000	585.230
BT	583.520	615.000	585.230	583.520	616.000	585.230	583.400	695.000	584.990	583.400

BT	723.000	584.990	583.400	810.000	585.500	585.020	1600.000	590.000	590.000	0.000
GR	590.000	0.000	585.000	200.000	584.750	313.000	584.750	325.000	584.500	420.000
GR	584.390	503.000	578.600	511.000	578.500	514.000	578.500	515.000	577.700	525.000
GR	579.500	534.000	580.600	535.000	583.300	539.000	583.400	615.000	583.400	616.000
GR	583.400	695.000	583.400	723.000	585.020	810.000	590.000	1600.000	0.000	0.000
NC	.100	.070	.035	.100	.300	0.000	0.000	0.000	0.000	0.000

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XI	16335.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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10 YEAR DNR FLAW

SECNO	DEPTH	CWSEL	CRIWS	WSELR	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= .300 CEHV= .500
*SECNO 0.000
3280 CROSS SECTION 0.00 EXTENDED 1.06 FEET

3470 ENCROACHMENT STATIONS= 100.0 714.0 TYPE= 1 TARGET= 614.000
X-SECT. D/S OF VREELAND RD. FROM GIBRALTAR FIS

0.00	9.33	580.06	0.00	580.06	580.06	.00	0.00	0.00	575.03
740.	375.	104.	261.	1470.	179.	1062.	0.	0.	575.13
0.00	.26	.58	.25	.060	.035	.060	0.000	570.73	100.00
.000015	0.	0.	0.	0	0	0	0.00	614.00	714.00

0
*SECNO 1.000
X-SECT. 1 FOOT D/S OF VREELAND RD. GLBR. SECT. 10654.

1.00	10.06	580.06	0.00	0.00	580.07	.01	.00	.00	577.30
740.	260.	227.	254.	820.	203.	677.	2.	0.	570.10
.02	.32	1.12	.37	.060	.035	.060	.034	570.00	.94
.000062	32.	32.	32.	0	0	0	0.00	679.18	680.12

0
*SECNO 2.000
X-SECT. D/S FACE OF VREELAND RD. GLBR. SECT. 10655.

2.00	10.06	580.06	0.00	0.00	580.07	.01	.00	.00	577.30
740.	252.	214.	274.	819.	203.	676.	2.	0.	570.10
.02	.31	1.05	.40	.020	.012	.018	.032	570.00	.94
.000007	1.	1.	1.	0	0	0	0.00	679.18	680.12

0

SPECIAL BRIDGE

SB	XK	XKOR	COFG	RDLEN	BNC	BNP	BAREA	SS	ELCHO	ELCHD
	0.00	1.96	3.00	0.00	7.90	0.00	71.27	1.00	569.50	569.50

*SECNO 3.000
PRESSURE AND WEIR FLOW

1

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SECNO	DEPTH	CWSEL	CRISS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
583.52	579.57	0.00	665.	91.	71.	70.	575.00	578.70

X-SECT. U/S FACE OF VREELAND RD. GLBR. SECT. 10693.

3.00	10.10	580.10	0.00	0.00	580.11	.01	.04	0.00	577.30
760.	262.	216.	262.	839.	204.	689.	3.	1.	570.10
.03	.31	1.06	.41	.020	.012	.018	.021	570.00	.94
.000007	38.	38.	38.	0	0	6	0.00	679.18	680.12

0
*SECNO 4.000
X-SECT. 1 FOOT U/S OF VREELAND RD. GLBR. SECT. 10694.

4.00	10.09	580.09	0.00	0.00	580.12	.02	.00	.01	577.30
760.	207.	352.	201.	837.	204.	687.	3.	1.	570.10
.03	.25	1.73	.29	.120	.035	.120	.021	570.00	.94
.000148	1.	1.	1.	0	0	0	0.00	679.18	680.12

0
CCHV= .100 CEHV= .300
1490 NH CARD USED
*SECNO 291.000
BASED ON FIELD NOTES & QUAD MAP

291.00	10.11	580.11	0.00	0.00	580.12	.01	.01	.00	577.30
760.	337.	269.	194.	841.	204.	688.	5.	2.	570.10
.06	.40	1.52	.22	.057	.035	.120	.029	570.00	.94
.000087	50.	50.	50.	1	0	0	0.00	679.18	680.12

0
CCHV= .100 CEHV= .300
*SECNO 1939.000
0 SECTION SAME AS 14321 FIELD BOOK 955

1939.00	8.98	580.25	0.00	0.00	580.26	.01	.14	.00	576.25
760.	286.	252.	222.	1033.	255.	736.	76.	26.	575.64
.93	.28	.99	.80	.105	.050	.105	.048	571.27	261.07
.000079	1648.	1648.	1648.	2	0	0	0.00	596.52	857.60

0
1
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SECNO	DEPTH	CWSEL	CRISS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IOC	ICONT	CORAR	TOPWID	ENDST

CCHV= .100 CEHV= .300
*SECNO 2659.000

3470 ENCROACHMENT STATIONS= 707.0 1093.0 TYPE= 1 TARGET= 386.000
ELENCL= 584.20 ELENCR= 584.20
0 SECTION SAME AS 13601

2659.00	6.92	580.34	0.00	0.00	580.34	.01	.08	.00	576.22

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     760.      274.      206.      278.      704.      226.      708.      107.       34.    576.42
     1.31       .39       .92       .39      .130      .070      .130      .055    573.42    707.00
  .000184      720.      720.      720.         2         0         0      0.00    386.00   1093.00
0
 CCHV=     .100 CEHV=     .300
 *SECNO 3189.000

 3470 ENCROACHMENT STATIONS=      639.0      761.0  TYPE=      1  TARGET=      122.000
  ELENCL=     584.20  ELENCR=     584.20
        0 BASED ON FIELD NOTES & QUAD MAP

  3189.00      6.97    580.47      0.00      0.00    580.51       .04       .16       .01    576.00
     760.      193.      467.      100.      211.      229.      168.      120.       37.    576.00
     1.40       .92      2.03       .59      .105      .060      .145      .056    573.50    639.00
  .000588      530.      530.      530.         2         0         0      0.00    122.00    761.00
0
 CCHV=     .300 CEHV=     .500
 *SECNO 3389.000

 3301 HV CHANGED MORE THAN HVINS


 3470 ENCROACHMENT STATIONS=      739.0      761.0  TYPE=      1  TARGET=       22.000
  ELENCL=     584.20  ELENCR=     584.20
        0 U/S FACE  PENN CENTRAL

  3389.00      5.54    580.49      0.00      0.00    581.10       .61       .30       .28    584.20
     760.        0.      760.        0.        0.      121.        0.      122.       38.    584.20
     1.41      0.00      6.26      0.00      .055      .060      .140      .056    574.95    739.00
  .011353      160.      200.      200.         2         0         0      0.00     22.00    761.00
0
1
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   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   0         QLOB      QCH       QROB      ALOB      ACH       ARDB      VOL       TWA      LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

 CCHV=     .300 CEHV=     .500

 SPECIAL BRIDGE

 5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
 SB  XK        XKOR      COFO      RDLEN     BWC       FWP       BAREA     SS        ELCHU     ELCHD
     0.00      1.48      3.00    1600.00     21.00      0.00    115.00      0.00    574.95    574.95

 *SECNO 3403.000
 PRESSURE FLOW

  EGPRS      EGLWC      H3        QWEIR      QPR       BAREA    TRAPEZOID      ELLC      ELTRD
                                                                  AREA
   581.56     581.18     0.00        0.      760.      115.      116.      580.45     584.20


 3470 ENCROACHMENT STATIONS=      789.0      811.0  TYPE=      1  TARGET=       22.000
  ELENCL=     584.20  ELENCR=     584.20
        0 U/S FACE  PENN CENTRAL

  3403.00      6.04    580.99      0.00      0.00    581.56       .58       .46      0.00    584.20
     785.        0.      785.        0.        0.      129.        0.      122.       38.    584.20
     1.41      0.00      6.09      0.00      .080      .060      .080      .056    574.95    789.00
```

.009627 14. 14. 14. 2 0 0 0.00 22.00 751.00

0

CCHV= .100 CEHV= .300

*SECNO 3443.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 649.0 751.0 TYPE= 1 TARGET= 102.000
ELENCL= 584.20 ELENCR= 584.20
0 BASED ON FIELD NOTES & QUAD MAP

3443.00	9.11	581.61	0.00	0.00	581.63	.02	.01	.06	576.20
785.	24.	690.	71.	81.	606.	71.	122.	38.	577.20
1.42	.30	1.14	1.00	.130	.055	.035	.056	572.50	649.00
.000106	40.	40.	40.	2	0	0	0.00	102.00	751.00

0

1

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
O	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 3483.000

3470 ENCROACHMENT STATIONS= 559.0 741.0 TYPE= 1 TARGET= 182.000
ELENCL= 584.20 ELENCR= 584.20
0 ABANDONED ABUTMENT BY PENN CENTRAL

3483.00	8.85	581.35	0.00	0.00	581.76	.41	.01	.12	581.90
785.	0.	785.	0.	0.	153.	0.	123.	38.	581.90
1.42	0.00	5.12	0.00	.130	.055	.035	.056	572.50	640.12
.004659	40.	40.	40.	2	0	0	0.00	19.75	659.68

0

*SECNO 3521.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 471.0 729.0 TYPE= 1 TARGET= 258.000
ELENCL= 584.20 ELENCR= 584.20
0 SECTION SAME AS 12739

3521.00	9.67	581.69	0.00	0.00	581.91	.23	.10	.02	581.82
785.	0.	725.	62.	0.	183.	41.	123.	38.	582.12
1.43	0.00	3.96	1.51	.130	.055	.035	.056	572.02	589.04
.002868	38.	38.	38.	2	0	0	0.00	108.67	729.00

0

CCHV= .100 CEHV= .300

*SECNO 4266.000

3470 ENCROACHMENT STATIONS= 216.0 534.0 TYPE= 1 TARGET= 318.000
ELENCL= 583.40 ELENCR= 583.40
0 SECTION SAME AS 11994

4266.00	9.96	582.23	0.00	0.00	582.24	.01	.31	.02	577.32
785.	486.	235.	64.	934.	209.	512.	137.	41.	579.22
1.73	.52	1.12	.21	.120	.060	.150	.057	572.27	216.00
.000156	745.	745.	745.	3	0	0	0.00	318.00	534.00

0

CCHV= .100 CEHV= .300

*SECNO 4617.000

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 214.0 356.0 TYPE= 1 TARGET= 142.000
ELENCL= 583.40 ELENCR= 583.40
0 STOPPED AT HOUSE LINE BASED ON FIELD NOTES & QUAD MAP

4617.00	9.81	582.27	0.00	0.00	582.29	.02	.05	.00	577.50
785.	49.	725.	12.	148.	633.	43.	146.	43.	578.00
1.82	.33	1.15	.27	.120	.060	.150	.057	572.46	214.00
.000119	351.	351.	351.	2	0	0	0.00	116.60	330.60

0
CCHV= .300 CEHV= .500
*SECNO 4797.000

3470 ENCROACHMENT STATIONS= 393.0 405.0 TYPE= 1 TARGET= 52.000
ELENCL= 583.40 ELENCR= 583.40
0 D/S FACE OF PORT ST. NB

4797.00	9.83	582.29	0.00	0.00	582.34	.05	.03	.02	583.40
785.	0.	785.	0.	0.	431.	0.	150.	44.	583.40
1.86	0.00	1.82	0.00	.050	.035	.050	.096	572.46	393.00
.000151	120.	260.	180.	0	0	0	0.00	52.00	405.00

0
CCHV= .300 CEHV= .500

SPECIAL BRIDGE

SB	XK	XKOR	CDFO	RDLEN	BWC	BKP	BAREA	SS	ELCHD	ELCHD
	0.00	1.53	3.00	0.00	51.00	0.00	377.40	0.00	572.46	572.46

*SECNO 4848.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZUID AREA	ELLC	ELTRD
582.39	582.34	0.00	0.	785.	377.	377.	579.86	583.40

3095 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 583.00 ELREA= 583.00
0 U/S FACE OF PORT ST. NB

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

4848.00	9.89	582.35	0.00	0.00	582.39	.05	.05	0.00	579.76
785.	0.	785.	0.	0.	450.	0.	150.	44.	582.00
1.87	0.00	1.74	0.00	.035	.055	.035	.056	572.46	340.00

.000304	51.	51.	51.	2	0	0	0.00	47.00	369.00

0

*SECNO 4919.000

3470 ENCROACHMENT STATIONS= 335.0 385.0 TYPE= 1 TARGET= 52.000
ELENCL= 582.97 ELENCR= 582.97

4919.00	9.91	582.57	0.00	0.00	582.42	.05	.02	.00	579.76
785.	20.	765.	0.	17.	421.	0.	151.	44.	582.97
1.88	1.17	1.82	0.00	.035	.055	.035	.056	572.46	333.00
.000341	71.	71.	71.	0	0	0	0.00	52.00	385.00

0

*SECNO 4990.000

3470 ENCROACHMENT STATIONS= 548.0 600.0 TYPE= 1 TARGET= 52.000
ELENCL= 582.97 ELENCR= 582.97
0 D/S FACE OF FORT ST. 88

4990.00	10.30	582.40	0.00	0.00	582.44	.04	.02	.00	584.00
785.	0.	785.	0.	0.	466.	0.	152.	44.	584.00
1.89	0.00	1.68	0.00	.035	.055	.035	.056	572.10	548.00
.000304	71.	71.	71.	0	0	0	0.00	52.00	600.00

0

CCHV= .300 CENV= .500

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.43	3.00	0.00	51.00	0.00	517.65	0.00	572.10	572.10

*SECNO 5041.000
PRESSURE FLOW

EGPRS	FGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
582.45	582.45	0.00	0.	765.	518.	518.	562.25	582.97

1

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
0	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTQ	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 583.00 ELREA= 583.00

0 U/S FACE OF FORT ST. 98

5041.00	9.80	582.40	0.00	0.00	582.45	.05	.01	0.00	586.71
785.	0.	785.	0.	0.	433.	0.	152.	44.	587.16
1.90	0.00	1.81	0.00	.095	.060	.085	.056	572.60	520.37
.000619	51.	51.	51.	2	0	0	0.00	41.30	568.67

0

*SECNO 5261.000

5261.00	10.24	582.54	0.00	0.00	582.63	.09	.16	.02	582.00
785.	1.	784.	0.	5.	318.	0.	155.	44.	587.20
1.93	.20	2.47	0.00	.095	.060	.085	.056	572.30	332.02
.000923	180.	270.	220.	2	0	0	0.00	61.05	395.07

0

*SECNO 5525.000

5525.00	10.47	582.74	0.00	0.00	582.78	.04	.12	.02	580.00

	745.	29.	631.	125.	80.	379.	249.	156.	45.	578.90
	1.98	.33	1.67	.50	.095	.060	.085	.056	572.27	10.77
	.000284	264.	264.	264.	2	0	0	0.00	282.14	292.91

0

CCHV= .300 CEHV= .900
*SECNO 5649.000

3470 ENCROACHMENT STATIONS= 1.0 354.0 TYPE= 1 TARGET= 358.000
0 D/S OF VAN HORN RD.

5649.00	10.50	582.77	0.00	0.00	582.80	.03	.03	.00	560.00
705.	33.	625.	127.	90.	380.	254.	160.	46.	578.90
2.01	.36	1.64	.50	.070	.050	.070	.056	572.27	10.06
.000191	124.	124.	124.	2	0	0	0.00	267.17	297.23

0

SPECIAL BRIDGE

1

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	KV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XR	XROB	COPQ	RDLEN	BWC	BWP	BAREA	SS	ELCHO	ELCHD
	0.00	1.45	3.00	0.00	18.00	0.00	112.68	0.00	571.61	571.61

*SECNO 5681.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
583.86	582.16	0.00	424.	361.	113.	121.	578.33	582.23

3470 ENCROACHMENT STATIONS= 1.0 385.0 TYPE= 1 TARGET= 388.000
0 D/S OF VAN HORN RD.

5681.00	10.89	582.99	0.00	0.00	583.00	.01	.20	0.00	578.91
785.	97.	550.	138.	229.	511.	397.	161.	46.	578.66
2.02	.42	1.68	.35	.070	.050	.070	.056	572.10	1.00
.000089	32.	32.	32.	1	0	4	0.00	369.80	370.80

0

CCHV= .100 CEHV= .300
*SECNO 5800.000

3470 ENCROACHMENT STATIONS= 165.0 490.0 TYPE= 1 TARGET= 325.000

5800.00	10.90	583.00	0.00	0.00	583.01	.01	.00	.00	578.91
785.	79.	356.	321.	181.	516.	723.	164.	47.	578.66
2.07	.43	.75	.46	.035	.035	.035	.055	572.10	165.00
.000020	119.	119.	119.	0	0	0	0.00	325.00	490.00

0

CCHV= .300 CEHV= .500
*SECNO 5938.000
3280 CROSS SECTION 5938.00 EXTENDED .01 FEET

3470 ENCROACHMENT STATIONS= 230.0 533.0 TYPE= 1 TARGET= 303.000
0 D/S BY BY 136 CULVERT

5938.00	11.06	585.00	0.00	0.00	583.01	.01	.00	.00	580.70	
785.	36.	593.	155.	117.	610.	350.	106.	48.	578.50	
2.12	.51	.97	.40	.035	.035	.035	.035	571.94	230.00	
.000028	138.	138.	138.	0	0	0	0.00	303.00	533.00	

0
1

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SECNO	DEPTH	CNSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	ROLEN	BWC	BWP	BAREA	SB	ELCHU	ELCHD
	0.00	1.39	3.00	0.00	21.32	0.00	132.80	0.00	572.05	571.94

*SECNO 6022.000
3280 CROSS SECTION 6022.00 EXTENDED .19 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
583.76	583.12	0.00	383.	397.	133.	155.	579.33	582.30

3470 ENCROACHMENT STATIONS= 250.0 416.0 TYPE= 1 TARGET= 166.000
ELENCL= 567.70 ELENCR= 587.70
0 U/S 87 RY 136 CULVERT

6022.00	11.24	583.18	0.00	0.00	583.19	.01	.18	0.00	580.70
785.	37.	631.	119.	101.	622.	209.	170.	49.	578.50
2.14	.36	1.01	.56	.035	.035	.035	.055	571.94	250.00
.000030	84.	84.	84.	1	0	2	0.00	166.00	416.00

0
CCHV= .500 CEHV= .500
*SECNO 6100.000

3470 ENCROACHMENT STATIONS= 187.0 313.0 TYPE= 1 TARGET= 126.000
ELENCL= 587.70 ELENCR= 587.70

6100.00	8.37	583.17	0.00	0.00	583.21	.03	.00	.01	578.69
785.	83.	561.	141.	132.	303.	141.	171.	49.	580.29
2.16	.63	1.63	1.00	.065	.045	.045	.055	574.80	187.00
.000176	78.	78.	78.	0	0	0	0.00	126.00	313.00

0
CCHV= .500 CEHV= .500
*SECNO 6270.000

3470 ENCROACHMENT STATIONS= 235.7 264.4 TYPE= 1 TARGET= 28.700
ELENCL= 587.70 ELENCR= 587.70
1

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SECNO	DEPTH	CNSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

0 D/S OF DT & I R.R.

6270.00	8.38	583.18	0.00	0.00	583.35	.17	.07	.07	587.70
785.	0.	785.	0.	0.	237.	0.	173.	49.	587.70
2.18	0.00	3.31	0.00	.065	.045	.045	.054	574.80	235.65
.001066	194.	194.	194.	1	0	0	0.00	28.70	264.35

0
CCHV= .300 CEHV= .500

SPECIAL BRIDGE

SO	XK	XKOR	CUPG	ROLEN	BWC	BWP	BAREA	SS	ELCHO	ELCHD
	1.25	1.41	3.00	0.00	20.70	1.50	340.00	.92	574.90	574.90

*SECNO 6282.000
CLASS A LOW FLOW

3420 BRIDGE W.S.= 583.17 BRIDGE VELOCITY= 2.73 CALCULATED CHANNEL AREA= 288.

EGPRS	EGLWC	MS	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
0.00	583.36	.02	0.	785.	340.	333.	584.20	587.70

3470 ENCROACHMENT STATIONS= 260.0 289.0 TYPE= 1 TARGET= 29.000
ELENCL= 587.70 ELENCR= 587.70
0 D/S OF DT & I R.R.

6282.00	8.29	583.19	0.00	0.00	583.36	.17	.01	0.00	587.70
785.	0.	785.	0.	0.	239.	0.	173.	49.	587.70
2.18	0.00	3.29	0.00	.035	.045	.030	.054	574.90	260.00
.001075	12.	12.	12.	0	0	0	0.00	29.00	289.00

0
*SECNO 6332.000
3260 CROSS SECTION 6332.00 EXTENDED .90 FEET

3470 ENCROACHMENT STATIONS= 210.0 340.0 TYPE= 1 TARGET= 130.000
ELENCL= 587.70 ELENCR= 587.70

6332.00	8.40	583.40	0.00	0.00	583.41	.02	.01	.05	577.94
785.	153.	362.	271.	182.	357.	234.	174.	49.	576.79
2.19	.84	1.01	1.16	.035	.045	.030	.054	575.00	210.00
.000061	50.	50.	50.	2	0	0	0.00	130.00	340.00

0
1

SECNO	DEPTH	ENSEL	CRWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
O	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= .100 CEHV= .300
*SECNO 6928.000
3260 CROSS SECTION 6928.00 EXTENDED .40 FEET

3470 ENCROACHMENT STATIONS= 280.0 820.0 TYPE= 1 TARGET= 540.000
0 SECTION SAME AS 6332

6928.00	9.78	583.40	0.00	0.00	583.44	.01	.03	.00	578.41
785.	300.	471.	114.	437.	525.	284.	188.	50.	580.31

```
   2.44      .65      .71      .40      .035      .050      .030      .054     575.66    284.75
  .000041     596.     596.     596.        2         0         0      0.00     538.05    820.00
0
 CCHV=     .100 CEHV=     .300
 *SECNO 7992.000

 3470 ENCROACHMENT STATIONS=      381.0      519.0  TYPE=      1  TARGET=      138.000
  ELENCL=     584.30  ELENCR=     584.30
   7992.00      8.39    583.47      0.00      0.00    583.49       .01       .04       .00    578.00
      785.      134.     551.      100.      225.      514.      138.      214.       62.    578.00
      2.76       .59      1.07       .72      .045      .035      .035      .051    575.08    381.00
  .000042      1064.    1064.     1064.         1         0         0      0.00    138.00    519.00
0
 CCHV=     .100 CEHV=     .300
 *SECNO 8164.000

 3470 ENCROACHMENT STATIONS=      399.0      451.0  TYPE=      1  TARGET=       52.000
  ELENCL=     584.30  ELENCR=     584.30
        0 U/S OF MARION DR.

   8164.00      8.36    583.44      0.00      0.00    583.52       .08       .02       .02    584.30
      785.        0.      785.        0.        0.      304.        0.      216.       63.    585.90
      2.78      0.00      2.28      0.00      .045      .035      .035      .051    575.08    399.00
  .000293      172.     172.      172.         2         0         0      0.00     52.00    451.00
0
1
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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IOC       ICONT     CORAR     TOPWID      ENDST


 SPECIAL BRIDGE

 5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
 SB  XK        XKOR      COFQ      RDLEN     BWC       BNP       BAREA     SB        ELCHU     ELCHD
      0.00      1.53      3.00      0.00      52.00     0.00     409.76     0.00     575.08    575.08

 CCHV=     .300 CEHV=     .500
 *SECNO 8220.000
 PRESSURE FLOW

  EGPRS      FGLWC      HS        QWEIR      QPR       BAREA    TRAPEZOID      ELLC      ELTRD
                                                                  AREA
    583.57    583.54      0.00        0.      785.      410.      419.      582.96    584.30


 3470 ENCROACHMENT STATIONS=      424.0      476.0  TYPE=      1  TARGET=       52.000
  ELENCL=     584.30  ELENCR=     584.30
        0 U/S OF MARION DR.

   8220.00      8.26    583.46      0.00      0.00    583.57       .10       .04       0.00    584.30
      930.        0.      930.        0.        0.      364.        0.      216.       63.    584.30
      2.78      0.00      2.55      0.00      .040      .045      .035      .051    575.20    424.00
  .000581       56.      56.       56.         2         0         0      0.00     52.00    476.00
0
 CCHV=     .100 CEHV=     .300
 *SECNO 8270.000

 3470 ENCROACHMENT STATIONS=      374.0      526.0  TYPE=      1  TARGET=      152.000
```

```
 ELENCL=    584.30  ELENCR=    584.30
  8270.00     8.33   583.53     0.00     0.00   583.59      .06      .02      .00   584.00
     930.       0.     916.      14.       0.     469.      14.     217.      63.   580.66
     2.79     0.00     1.95     1.06     .040     .045     .035     .051   575.20   405.17
  .000340      50.      50.      50.        2        0        0     0.00    89.96   495.13
0
 CCHV=    .100 CEHV=     .300
 *SECNO 9426.000

 3470 ENCROACHMENT STATIONS=     450.0     640.0  TYPE=     1  TARGET=     190.000
        0 SECTION SAME AS 6834

1
 82/05/24.   10.30.50.                                                                    PAGE   27

    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA      LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTM       ELMIN      SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID     ENDST

  9426.00     8.86   583.61     0.00     0.00   583.84      .03      .25      .00   579.45
     930.     373.     459.      98.     266.     318.     124.     233.      66.   580.35
     3.03     1.40     1.44      .79     .035     .045     .035     .050   574.95   450.00
  .000148    1156.    1156.    1156.        2        0        0     0.00   188.41   638.41
0
 CCHV=    .100 CEHV=     .300
 *SECNO 10844.000

 3470 ENCROACHMENT STATIONS=     407.0     543.0  TYPE=     1  TARGET=     136.000
  ELENCL=    586.10  ELENCR=    586.10
 10844.00     7.45   584.00     0.00     0.00   584.03      .03      .18      .00   584.57
     930.       0.     930.       0.       0.     645.       1.     255.      71.   583.67
     3.30     0.00     1.44      .16     .040     .035     .030     .048   576.55   414.16
  .000116    1418.    1418.    1418.        2        0        0     0.00   118.14   532.30
0
 CCHV=    .100 CEHV=     .300
 *SECNO 10994.000

 3470 ENCROACHMENT STATIONS=     445.0     505.0  TYPE=     1  TARGET=      60.000
  ELENCL=    586.10  ELENCR=    586.10
        . D/S OF WEST RD.

 10994.00     7.44   583.99     0.00     0.00   584.06      .07      .02      .01   586.10
     930.       0.     930.       0.       0.     448.       0.     257.      72.   586.10
     3.32     0.00     2.10     0.00     .040     .035     .030     .048   576.55   445.00
  .000224     150.     150.     150.        2        0        0     0.00    60.00   505.00
0

 SPECIAL BRIDGE

 5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
 SB  XK        XKOR      COFO      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
     1.05      1.64      3.00      0.00     60.00      3.52    585.20      1.75    576.55    576.55

 1490 NB CARD USED
 *SECNO 11078.000

 3265 DIVIDED FLOW

1
 82/05/24.   10.30.50.                                                                    PAGE   28

    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
```

```
   Q        QLOB     QCH      QROB     ALOB     ACH      AROB     VOL      TWA      LEFT/RIGHT
   TIME     VLOB     VCH      VROB     XNL      XNCH     XNR      WTN      ELMIN    SSTA
   SLOPE    XLOBL    XLCH     XLOBR    ITRIAL   IDC      ICONT    CORAR    TOPWID   ENDST

GLASS A LOW FLOW

3420 BRIDGE W.S.=    583.99 BRIDGE VELOCITY=,      1.80     CALCULATED CHANNEL AREA=,      517.

 EGPRS      EGLWC       H3       QWEIR      QPR       BAREA   TRAPEZOID      ELLC     ELTRD
                                                                 AREA
   584.08    584.45      .00         0.      930.      585.      539.      584.25    586.10


3470 ENCROACHMENT STATIONS=      420.0     480.0  TYPE=      1  TARGET=      60.000
 ELENCL=     586.10  ELENCR=     586.10
        . U/S OF WEST RD.

 11078.00      7.45   584.00      0.00      0.00   584.45      .45       .39      0.00   581.22
    1100.       16.    1084.        0.       30.     199.       0.      257.       72.   586.10
     3.32       .54     5.44      0.00      .100     .068     .030      .048   576.55   420.00
  .000745       84.      84.       84.         0        0        0      0.00    57.02   480.00
0
*SECNO 11148.000

3265 DIVIDED FLOW


3470 ENCROACHMENT STATIONS=      350.0     550.0  TYPE=      1  TARGET=     200.000
 ELENCL=     586.10  ELENCR=     586.10
 11148.00      7.62   584.17      0.00      0.00   584.51      .34       .05       .01   581.22
    1100.       87.    1013.        0.      105.     209.       0.      258.       72.   584.20
     3.33       .82     4.84      0.00      .062     .068     .030      .048   576.55   366.56
  .000591       70.      70.       70.         2        0        0      0.00   121.18   490.72
0
1490 WH CARD USED
*SECNO 12404.000
 12404.00      9.95   584.87      0.00      0.00   584.90      .04       .37       .03   577.92
    1100.      299.     532.      269.      343.     258.     298.      275.       78.   577.92
     3.57       .87     2.07       .90      .041     .035     .039      .046   574.92   262.62
  .000173     1256.    1256.     1256.         2        0        0      0.00   311.51   574.13
0
1
 82/05/24.   10.30.50.                                                                    PAGE   29

   SECNO    DEPTH    CWSEL    CRIWS    WSELK    EG       HV       HL       OLOSS    BANK ELEV
   Q        QLOB     QCH      QROB     ALOB     ACH      AROB     VOL      TWA      LEFT/RIGHT
   TIME     VLOB     VCH      VROB     XNL      XNCH     XNR      WTN      ELMIN    SSTA
   SLOPE    XLOBL    XLCH     XLOBR    ITRIAL   IDC      ICONT    CORAR    TOPWID   ENDST


SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
SB  XK        XKOR      COPQ      RDLEN     BWC       BWP       BAREA     SS        ELCHU     ELCHD
     0.00      1.28      2.50      0.00      8.00      0.00      64.80     1.00     574.92    574.92

*SECNO 12414.000
PRESSURE AND WEIR FLOW


 EGPRS      EGLWC       H3       QWEIR      QPR       BAREA   TRAPEZOID      ELLC     ELTRD
                                                                 AREA
```

580.21	584.90	0.00	909.	191.	55.	44.	580.92	581.51	
12414.00	10.01	584.93	0.00	0.00	584.97	.04	.06	0.00	577.92
1109.	303.	524.	275.	352.	260.	307.	275.	78.	577.92
3.97	.86	2.02	.89	.041	.035	.039	.046	574.92	261.31
.000165	10.	10.	10.	2	0	7	0.00	313.55	578.86

0

CCHV= .100 CEHV= .300
*SECND 13397.000

3070 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

13397.00	7.01	585.05	0.00	0.00	585.06	.01	.09	.00	583.97
1100.	231.	164.	706.	393.	205.	958.	304.	87.	580.97
3.96	.59	.80	.74	.055	.045	.035	.046	578.04	203.85
.000059	992.	992.	992.	2	0	0	0.00	496.58	700.56

0

CCHV= .300 CEHV= .500
*SECND 13597.000

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000
. D/S OF HARRISON RD.

13597.00	7.02	585.06	0.00	0.00	585.07	.01	.01	.00	583.97
1100.	238.	137.	725.	396.	206.	963.	511.	90.	580.97
4.03	.60	.67	.75	.035	.055	.035	.046	578.04	203.63
.000061	200.	200.	200.	1	0	0	0.00	496.75	700.58

0
1

SECND	DEPTH	CWSEL	CRIWS	WSELR	EG	HV	HL	OLOSS	BANK ELEV
0	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.69	3.00	0.00	55.00	0.00	379.50	0.00	578.04	578.04

*SECND 13653.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 585.320 EGLWC= 585.072 ELLC= 584.940 PCWSE= 585.065 ELTRD= 584.800

3370 NORMAL BRIDGE,NRD= 16 MIN ELTRD= 584.80 MAX ELLC= 584.94

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000
. U/S OF HARRISON RD.

13653.00	6.85	584.95	0.00	0.00	585.21	.26	.01	.12	584.00
1185.	0.	1185.	0.	0.	291.	0.	512.	90.	584.00
4.04	.04	4.07	0.00	.035	.055	.035	.046	578.10	231.76
.006993	56.	56.	56.	2	0	0	-410.61	506.24	740.00

0

*SECND 13703.000

3470 ENCROACHMENT STATIONS= 180.0 740.0 TYPE= 1 TARGET= 560.000

13703.00	7.21	585.31	0.00	0.00	585.34	.03	.06	.07	584.00

```
   1185.     [illegible]     [illegible]     [illegible]     [illegible]     420.     334.     313.     [illegible]     [illegible]
    4.05      .89      1.62      1.14      .035      .055      .035      .047    578.10    216.97
  .000505     50.       50.       50.        2         0         0      0.00    523.03    740.00
0
 *SECNO 15365.000
        . SECTION SAME AS 895

 15365.00     7.77    585.75     0.00     0.00    585.76      .01      .41      .01    582.73
    1185.     492.     277.     416.     606.     260.     597.     358.     118.    582.68
     4.60      .81     1.06      .70     .035     .055     .035     .047    577.98    128.14
  .000147    1662.    1662.    1662.        4         0         0      0.00    896.89   1025.03
0
 CCHV=    .300 CEHV=    .500
1
 82/05/24.   10.30.50.                                                                    PAGE   31

   SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   O         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA      LEFT/RIGHT
   TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

 *SECNO 15374.000
        . PROFILE LINE C 210:  SOUTH OF PROPOSED SUB.

 15374.00     7.95    585.75     0.00     0.00    585.76      .02      .00      .00    582.70
    1185.     468.     323.     393.     486.     230.     513.     358.     118.    582.80
     4.61      .96     1.41      .77     .035     .045     .035     .047    577.80    131.61
  .000154       9.       9.       9.        0         0         0      0.00    572.52    704.13
0
 *SECNO 15534.000

 3265 DIVIDED FLOW

        . DOWNSTREAM OF SUBDIVISON

 15534.00     7.77    585.77     0.00     0.00    585.78      .01      .02      .00    582.20
    1185.     824.     263.      98.     964.     258.     255.     363.     121.    583.50
     4.66      .85     1.02      .38     .035     .045     .035     .047    578.00     24.30
  .000082     160.     160.     160.        0         0         0      0.00    672.41    746.18
0
 *SECNO 15584.000

 3265 DIVIDED FLOW

        . PROFILE LINE B 616:  SOUTH OF KING RD. SOUTH OF PROPOSED SUB.

 15584.00     7.77    585.77     0.00     0.00    585.79      .01      .00      .00    582.20
    1185.     824.     263.      98.     966.     259.     258.     365.     121.    583.50
     4.67      .85     1.02      .38     .035     .045     .035     .047    578.00     24.24
  .000082      50.      50.      50.        0         0         0      0.00    674.28    746.57
0
 *SECNO 15634.000

 3265 DIVIDED FLOW

        . DUMMY SECT. 50 FT. INSIDE S.PROPLINE REPEAT SECT. 15534 W/PROP.EL.

 15634.00     7.78    585.78     0.00     0.00    585.79      .01      .00      .00    582.20
    1185.     824.     263.      99.     967.     259.     258.     366.     122.    583.50
     4.69      .85     1.02      .38     .035     .045     .035     .047    578.00     24.21
  .000082      50.      50.      50.        0         0         0      0.00    674.96    746.72
0
1
 82/05/24.   10.30.50.                                                                    PAGE   32
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SECNO / Q / TIME / SLOPE	DEPTH / QLOB / VLOB / XLOBL	CWSEL / QCH / VCH / XLCH	CRIWS / QROB / VROB / XLOBR	WSELK / ALOB / XNL / ITRIAL	EG / ACH / XNCH / IDC	HV / AROB / XNR / ICONT	HL / VOL / WTP / CORAR	OLOSS / TNA / ELMIN / TOPWID	BANK ELEV LEFT/RIGHT / SSTA / ENDST

*SECNO 15890.000
. PROFILE LINE A 310: SOUTH OF KING RD.

15890.00	7.50	585.80	0.00	0.00	585.81	.01	.02	.00	582.00
1185.	658.	254.	273.	727.	221.	410.	375.	126.	582.20
4.77	.91	1.15	.65	.035	.045	.035	.047	578.30	26.57
.000102	256.	256.	256.	0	0	0	0.00	578.39	808.96

0
CCHV= .300 CEHV= .500
*SECNO 16085.000

16085.00	8.19	585.62	0.00	0.00	585.63	.01	.02	.00	582.49
1185.	547.	288.	350.	752.	299.	550.	381.	128.	582.49
4.84	.73	.97	.64	.040	.050	.040	.047	577.63	227.09
.000083	195.	195.	195.	0	0	0	0.00	525.29	752.37

0
CCHV= .300 CEHV= .500
*SECNO 16235.000
. D/S OF KING RD.

16235.00	8.21	585.84	0.00	0.00	585.85	.02	.02	.00	582.49
1185.	452.	444.	289.	757.	300.	555.	387.	130.	582.49
4.89	.60	1.48	.52	.060	.040	.060	.047	577.63	226.85
.000125	150.	150.	150.	0	0	0	0.00	525.74	752.59

0

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD OR CARD SB NOT SPECIFIED

SH	AR	XROB	COPS	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.52	3.00	0.00	13.00	0.00	82.23	.23	577.63	577.63

*SECNO 16285.000
PRESSURE AND WEIR FLOW

EGPRS	FGLNC	HS	QWEIR	QPF	BAREA	TRAPEZOID AREA	FLLC	ELTRD
591.38	585.85	0.00	944.	317.	82.	85.	583.52	584.52

. D/S OF KING RD.

1

SECNO / Q / TIME / SLOPE	DEPTH / QLOB / VLOB / XLOBL	CWSEL / QCH / VCH / XLCH	CRIWS / QROB / VROB / XLOBR	WSELK / ALOB / XNL / ITRIAL	EG / ACH / XNCH / IDC	HV / AROB / XNR / ICONT	HL / VOL / WTP / CORAR	OLOSS / TNA / ELMIN / TOPWID	BANK ELEV LEFT/RIGHT / SSTA / ENDST

16285.00	8.46	586.16	0.00	0.00	586.19	.03	.34	0.00	564.39
1260.	244.	476.	538.	477.	239.	784.	389.	131.	583.30
4.90	.51	2.00	.69	.060	.040	.060	.047	577.70	155.59
.000260	50.	50.	50.	2	0	6	0.00	537.27	990.87

CCHV= .100 CEHV= .300

*SECNO 16335.000										
16335.00	8.46	586.16	0.00	0.00	586.21	.05	.01	.01	584.39	
1260.	161.	595.	505.	461.	240.	769.	590.	132.	562.50	
4.91	.53	2.48	.64	.100	.035	.070	.047	577.70	153.21	
.000307	50.	50.	50.	0	0	0	0.00	839.18	992.39	

0
1

****
HEC2 RELEASE DATED NOV 76 UPDATED APRI 1980
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

& POET DRAIN

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	580.06	0.00	580.06	614.00	374.88	103.88	261.24	614.00	100.00	435.00	460.00	714.00
1.000	580.06	0.00	580.07	679.18	259.67	226.66	253.67	0.00	0.00	410.00	432.80	0.00
2.000	580.06	0.00	580.07	679.18	252.06	214.22	273.72	0.00	0.00	410.00	432.80	0.00
3.000	580.10	0.00	580.11	679.18	262.13	216.01	281.86	0.00	0.00	410.00	432.80	0.00
4.000	580.09	0.00	580.12	679.18	207.04	352.35	200.61	0.00	0.00	410.00	432.80	0.00
291.000	580.11	0.00	580.12	679.18	336.87	269.90	153.63	0.00	0.00	410.00	432.80	0.00
1939.000	580.25	0.00	580.26	596.52	285.79	252.21	222.00	0.00	0.00	610.00	640.00	0.00
2659.000	580.34	0.00	580.34	386.00	273.92	207.70	278.38	386.00	707.00	883.00	922.00	1093.00
3189.000	580.47	0.00	580.51	122.00	193.14	466.84	100.01	122.00	639.00	683.00	719.00	761.00
3389.000	580.49	0.00	581.10	22.00	0.00	760.00	0.00	22.00	739.00	733.00	769.00	761.00
3403.000	580.99	0.00	581.56	22.00	0.00	785.00	0.00	22.00	789.00	785.00	825.00	811.00
3443.000	581.61	0.00	581.63	102.00	24.00	690.37	70.62	102.00	649.00	664.00	735.00	751.00
3483.000	581.35	0.00	581.76	19.75	0.00	755.00	0.00	102.00	559.00	640.00	660.00	741.00
3521.000	581.69	0.00	581.91	108.67	0.00	727.53	62.47	256.00	471.00	589.00	619.00	729.00
4266.000	582.23	0.00	582.24	318.00	465.77	234.83	64.40	318.00	216.00	362.00	386.00	534.00
4617.000	582.27	0.00	582.29	116.60	48.51	720.72	11.76	142.00	214.00	250.00	320.00	356.00
4797.000	582.29	0.00	582.34	52.00	0.00	785.00	0.00	52.00	353.00	333.00	427.00	405.00

1

SECNO	CNSEL	DIFKNS	EG	TOPWID	OLOB	OCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
4808.000	582.35	0.00	582.39	49.00	0.00	785.00	0.00	0.00	0.00	340.00	389.00	0.00
4919.000	582.37	0.00	582.42	52.00	19.73	765.27	0.00	52.00	333.00	340.00	389.00	385.00
4990.000	582.40	0.00	582.44	52.00	0.00	785.00	0.00	52.00	548.00	510.00	610.00	600.00
5041.000	582.40	0.00	582.45	48.30	0.00	785.00	0.00	0.00	0.00	520.00	569.00	0.00
5261.000	582.54	0.00	582.63	61.05	.96	784.04	0.00	0.00	0.00	350.00	395.00	0.00
5525.000	582.74	0.00	582.78	282.14	28.61	631.35	125.04	0.00	0.00	75.00	116.00	0.00
5649.000	582.77	0.00	582.80	287.17	32.79	624.71	127.50	358.00	1.00	75.00	116.00	359.00
5681.000	582.99	0.00	583.00	369.84	96.75	549.94	138.31	384.00	1.00	82.00	148.00	385.00
5800.000	583.00	0.00	583.01	325.00	78.73	385.71	320.56	325.00	165.00	217.00	283.00	490.00
5938.000	583.00	0.00	583.01	303.00	36.45	593.25	155.29	303.00	230.00	300.00	363.00	533.00
6022.000	583.18	0.00	583.19	166.00	36.83	630.59	117.59	166.00	250.00	300.00	363.00	416.00
6100.000	583.17	0.00	583.21	126.00	82.97	560.64	141.39	126.00	187.00	233.00	277.00	313.00
6270.000	583.18	0.00	583.35	28.70	0.00	785.00	0.00	28.70	235.65	233.00	277.00	264.35
6282.000	583.19	0.00	583.36	29.00	0.00	785.00	0.00	29.00	260.00	251.00	318.00	289.00
6332.000	583.40	0.00	583.41	130.00	152.71	361.70	270.59	130.00	210.00	254.00	299.00	340.00
6928.000	583.44	0.00	583.44	538.05	299.36	371.35	114.09	540.00	280.00	395.00	867.00	820.00
7992.000	583.47	0.00	583.49	138.00	133.57	551.36	100.06	138.00	381.00	425.00	491.00	519.00
8164.000	583.44	0.00	583.52	52.00	0.00	785.00	0.00	52.00	399.00	383.00	503.00	451.00
0220.000	583.46	0.00	583.57	52.00	0.00	930.00	0.00	52.00	424.00	404.00	485.00	476.00
8270.000	583.53	0.00	583.59	89.96	0.00	915.72	14.28	152.00	374.00	404.00	485.00	526.00
9826.000	583.81	0.00	583.84	166.41	373.20	459.02	97.78	190.00	450.00	507.00	552.00	640.00
10844.000	584.00	0.00	584.03	118.14	0.00	929.86	.14	136.00	407.00	412.00	527.00	543.00
10994.000	583.99	0.00	584.06	60.00	0.00	930.00	0.00	60.00	445.00	412.00	527.00	505.00
11078.000	584.00	0.00	584.45	57.02	16.18	1083.82	0.00	60.00	420.00	433.00	491.00	480.00
11148.000	584.17	0.00	584.51	121.18	86.76	1013.24	0.00	200.00	350.00	433.00	491.00	550.00
12404.000	584.87	0.00	584.90	311.51	298.97	532.01	269.01	0.00	0.00	413.50	444.50	0.00

SECNO	CNSEL	DIFKNS	EG	TOPWID	OLOB	OCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
12414.000	584.93	0.00	584.97	313.55	303.35	523.56	273.09	0.00	0.00	413.50	444.50	0.00
13397.000	585.05	0.00	585.06	496.58	230.58	163.69	705.73	560.00	180.00	382.00	416.00	740.00
13597.000	585.06	0.00	585.07	496.75	237.77	137.10	725.18	560.00	180.00	382.00	416.00	740.00

BT	212.0	5.585	5.585	312.0	69.785	0.0	25.995	25.995	2.5	0.785
BT	18.0	0.771	7.985	7.985	0.185	0.0	0.005	2.985	0.0	0.0
X3	10.0	0.0	0.0	0.0	0.181	0.0	0.0	0.0	8.485	0.0
X2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X11305*	0.25	390.0	0.485	0.95	0.95	0.95	0.0	0.0	0.0	0.0
BT	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SH	0.0	1.69	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X11397*	0.0	0.0	0.0	200.0	200.0	200.0	0.0	0.0	0.0	0.0
NC	0.035	0.035	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR5800.97	816.0	0.285	0.285	0.285	0.285	700.0	0.605	761.0	0.005	741.000
GR	3.285	0.252	0.505.5	0.285	0.285	0.0	0.0	0.0	0.0	0.0
GR 590.0	0.0	0.0	0.0	0.285	217.0	0.285	0.0	0.0	0.0	0.0
X3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X11397*	15.0	0.045	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.035	0.035	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BT5805.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HT5805.00	90.285	9.055	285.11	285.11	276.0	12.585	12.585	285.0	18.585	
BT439.00	285.110	940.920	444.5	285.110	977.920	285.110	0.0	0.0	0.0	0.0
DT5772.92	0.625	285.110	435.1	577.920	285.110	0.0	0.0	0.0	0.0	0.0
BT5805.05	577.920	12.585	285.110	577.920	285.110	0.0	0.0	0.0	0.0	0.0
HT	296.*	12.585	285.11	285.11	0.0	0.0	0.0	0.0	0.0	0.0
HT	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X11294*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SB	0.0	1.28	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR5923.81	0.605	0.619	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR5805.05	0.05	285.060	475.0	0.056	285.710	0.0	0.0	0.0	0.0	0.0
GR5772.92	435.7	577.920	444.5	285.110	577.920	0.0	0.0	0.0	0.0	0.0
GR5772.92	413.5	574.920	424.3	577.920	424.3	574.920	0.0	0.0	0.0	0.0
GR5805.99	0.252	285.210	285.0	285.1	0.0	285.0	285.210	0.0	0.0	0.0
GR	590.*	630.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR5726.35	0.75	502.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR	590.	585.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X3	0	407.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X11084*	11.0	412.0	527.0	1018.0	1018.0	1018.0	0.0	0.0	0.0	0.0
NC	0.040	0.035	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
GR586.90	750.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR5726.45	525.0	576.150	560.0	332.0	565.0	502.950	504.0	0.0	0.0	0.0

BT500.44	584.94	453.0	580.44	584.94	454.0	580.07	581.20	470.0	587.8
BT 582.0	485.0	587.3	584.0	489.0	587.27	584.0	589.0	586.47	584.0
BT 650.0	585.77	584.0	741.0	585.0	584.0	750.0	584.8	584.0	0.0
GR 590.	0.0	590.0	65.0	598.0	66.0	598.0	96.0	590.0	97.000
GR586.70	179.0	586.2	180.0	586.0	200.0	585.5	212.0	585.0	225.000
GR584.40	312.0	584.0	390.0	583.2	396.5	583.0	397.0	582.0	405.000
GR581.62	410.0	578.140	419.0	578.1	425.0	578.140	437.0	580.0	497.000
GR581.10	453.0	581.2	454.0	582.0	470.0	584.0	485.0	584.0	489.000
GR 584.	589.0	584.0	625.0	584.0	654.0	584.0	741.0	584.0	750.000
GR 592.	751.0	592.0	781.0	0.0	0.0	0.0	0.0	0.0	0.000
X113705.	0.0	0.0	0.0	50.0	50.0	50.0	0.0	0.0	0.000
X3 0.0	0.0	0.0	180.0	0.0	740.0	0.0	0.0	0.0	0.000
X115365.	20.0	520.0	563.0	1662.0	1662.0	1662.0	0.0	0.0	0.000
GR 590.	0.0	587.0	60.0	595.0	61.0	595.0	91.0	587.0	92.000
GR 585.	150.0	584.730	350.0	582.780	450.0	582.480	475.0	582.730	520.000
GR579.68	525.0	577.980	536.0	578.780	547.0	582.680	563.0	584.380	692.000
GR584.28	742.0	585.0	900.0	585.5	1025.0	593.5	1026.0	593.5	1056.000
NC 0.035	0.035	0.045	0.5	0.5	0.0	0.0	0.0	0.0	0.000
X115374.	18.0	350.0	382.0	9.0	9.0	9.0	0.0	0.0	0.000
GR588.30	0.0	587.6	50.0	585.9	125.0	582.5	275.0	582.2	325.000
GR582.70	350.	577.8	355.0	577.8	377.0	582.8	382.0	584.2	432.000
GR583.60	532.0	584.5	632.0	585.8	707.0	587.4	757.0	587.9	782.000
GR595.90	783.0	595.9	812.0	587.9	813.0	0.0	0.0	0.0	0.000
X115534.	17.0	330.0	368.0	160.0	160.0	160.0	0.0	0.0	0.000
GR586.20	0.0	585.7	25.0	585.7	50.0	581.7	225.0	582.2	325.000
GR582.20	330.0	578.0	341.0	578.0	363.0	583.5	368.0	584.5	402.000
GR 586.	452.0	585.5	579.0	584.2	652.0	586.7	802.0	586.8	852.000
GR586.50	908.0	587.3	984.0	0.0	0.0	0.0	0.0	0.0	0.000
X115584.	0.0	0.0	0.0	50.0	50.0	50.0	0.0	0.0	0.000
X115634.	0.0	0.0	0.0	50.0	50.0	50.0	0.0	0.0	0.000
X115690.	22.0	289.0	321.0	256.0	256.0	256.0	0.0	0.0	0.000
GR588.30	0.0	585.9	25.0	584.3	50.0	584.5	75.0	583.4	100.000
GR582.40	175.0	582.0	289.0	578.3	294.0	578.3	316.0	582.2	321.000
GR582.80	385.0	585.2	430.0	583.9	505.0	585.2	555.0	586.4	655.000
GR586.40	680.0	585.9	705.0	586.5	805.0	586.9	830.0	586.6	880.000
GR588.50	905.0	589.3	930.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.050	0.050	0.050	0.5	0.5	0.0	0.0	0.0	0.0	0.000
X116086.	16.0	480.0	522.0	195.0	195.0	195.0	0.0	0.0	0.000
GR 590.	0.0	588.5	196.2	584.3	246.0	582.6	298.0	582.5	446.000
GR582.49	480.0	577.7	489.0	577.630	500.0	577.7	513.0	582.490	522.000
GR583.60	698.0	585.7	751.0	587.0	766.0	588.0	791.0	589.0	821.000
GR 589.	861.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.060	0.060	0.040	0.5	0.5	0.0	0.0	0.0	0.0	0.000
X116235.	0.0	0.0	0.0	150.0	150.0	150.0	0.0	0.0	0.000
X3 10.0	0.0	0.0	0.0	0.0	0.0	0.0	584.99	584.99	0.0
SB 0.0	1.520	3.0	0.0	13.0	0.0	82.230	0.230	0.0	0.000
OT 2.0	1090.0	1260.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X116285.	19.0	503.0	539.0	50.0	50.0	50.0	0.0	0.0	0.000
X2 0.0	0.0	1.0	583.520	584.520	0.0	0.0	0.0	0.0	0.000
X3 10.0	0.0	0.0	0.0	0.0	0.0	0.0	584.990	584.990	0.000
BT 16.0	0.0	590.0	590.0	315.0	587.38	584.75	325.0	587.27	584.75
BT 420.0	586.33	584.5	503.0	585.7	584.39	511.0	585.6	578.6	514.0
BT585.52	578.50	515.00	585.52	583.52	525.0	586.38	583.52	535.0	585.23
BT583.52	615.0	585.23	583.52	616.0	585.23	583.40	695.0	584.99	583.4
BT 725.0	584.99	583.4	810.0	586.5	585.02	1600.0	590.0	590.0	0.0
GR 590.	0.0	585.0	200.0	584.750	313.0	584.750	325.0	584.5	420.000
GR584.39	503.0	578.6	511.0	578.5	514.0	578.5	515.0	577.7	525.000
GR579.50	534.0	580.6	535.0	583.3	539.0	583.4	615.0	583.4	616.000
GR583.40	695.0	583.4	725.0	585.020	610.0	590.0	1600.0	0.0	0.000
NC 0.1	0.070	0.035	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X116335.	0.0	0.0	0.0	50.0	50.0	50.0	0.0	0.0	0.000
EJ 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000

E.P.

13653.000	584.95	0.00	585.21	508.24	.29	1184.71	0.00	560.00	180.00	390.00	485.00	740.00
13703.000	585.31	0.00	585.34	523.03	125.12	679.95	379.93	560.00	180.00	390.00	485.00	740.00
15365.000	585.75	0.00	585.78	896.09	492.43	276.94	415.63	0.00	0.00	520.00	563.00	0.00
15374.000	585.75	0.00	585.76	572.52	468.36	323.15	393.49	0.00	0.00	350.00	382.00	0.00
15534.000	585.77	0.00	585.78	672.41	823.81	263.40	97.79	0.00	0.00	330.00	368.00	0.00
15584.000	585.77	0.00	585.79	674.28	823.65	262.89	98.45	0.00	0.00	330.00	368.00	0.00
15634.000	585.78	0.00	585.79	674.96	823.59	262.71	98.70	0.00	0.00	330.00	368.00	0.00
15890.000	585.80	0.00	585.81	578.39	658.06	254.04	272.90	0.00	0.00	289.00	321.00	0.00
16065.000	585.82	0.00	585.83	525.29	546.95	288.42	349.63	0.00	0.00	480.00	522.00	0.00
16235.000	585.84	0.00	585.85	525.74	451.60	404.03	289.36	0.00	0.00	480.00	522.00	0.00
16285.000	586.16	0.00	586.19	837.27	243.64	477.86	538.49	0.00	0.00	503.00	539.00	0.00
16335.000	586.16	0.00	586.21	839.18	160.53	594.58	504.89	0.00	0.00	503.00	539.00	0.00

R POET DRAIN

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	FLTHD	ELLC	ELMIN	Q	CNSEL	CNINS	EG	TOK*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	570.73	740.00	580.06	0.00	580.06	.15	.58	2710.98	1933.16
1.000	52.00	0.00	0.00	570.00	740.00	580.06	0.00	580.07	.62	1.12	1700.02	937.64
2.000	1.00	0.00	0.00	570.00	740.00	580.06	0.00	580.07	.07	1.05	1698.39	2892.20
3.000	58.00	578.70	575.00	570.00	760.00	580.10	0.00	580.11	.07	1.06	1732.46	2973.45
4.000	1.00	0.00	0.00	570.00	760.00	580.09	0.00	580.12	1.45	1.73	1728.11	624.25
291.000	50.00	0.00	0.00	570.00	760.00	580.11	0.00	580.12	.67	1.32	1732.92	816.63
1939.000	1648.00	0.00	0.00	571.27	760.00	580.25	0.00	580.26	.79	.99	2023.84	857.40
2659.000	720.00	0.00	0.00	573.42	760.00	580.34	0.00	580.34	1.84	.92	1638.18	560.18
3189.000	530.00	0.00	0.00	573.50	760.00	580.47	0.00	580.51	5.88	2.03	608.36	313.43
3389.000	200.00	0.00	0.00	574.95	760.00	580.89	0.00	581.10	113.53	6.28	120.94	71.33
3403.000	14.00	578.20	580.45	574.95	785.00	580.99	0.00	581.56	96.27	4.09	128.96	80.01
3443.000	40.00	0.00	0.00	572.50	785.00	581.61	0.00	581.63	1.06	1.14	758.01	761.55
3483.000	40.00	0.00	0.00	572.50	785.00	581.35	0.00	581.76	46.59	5.12	153.34	115.01
3521.000	38.00	0.00	0.00	572.02	785.00	581.89	0.00	581.91	28.68	3.96	225.80	146.59
4266.000	745.00	0.00	0.00	572.27	785.00	582.23	0.00	582.24	1.56	1.12	1455.38	628.01

SECNO	XLCH	ELTKO	ELLC	ELMIN	Q	CWSEL	CNIWS	EC	10K*3	VCH	AREA	.01K
5661.000	32.00	582.23	578.33	572.10	785.00	582.99	0.00	583.00	.89	1.08	1136.94	831.94
5800.000	119.00	0.00	0.00	572.10	785.00	583.00	0.00	583.01	.20	.75	1420.57	1735.84
5930.000	136.00	0.00	0.00	571.94	785.00	583.00	0.00	583.01	.28	.97	1077.44	1486.28
6022.000	84.00	582.50	579.33	571.94	785.00	583.18	0.00	583.19	.30	1.01	932.20	1401.45
6100.000	78.00	0.00	0.00	574.80	785.00	583.17	0.00	583.21	1.76	1.63	616.66	591.96
6270.000	194.00	0.00	0.00	574.80	785.00	583.18	0.00	583.55	10.66	3.31	237.26	240.48
6295.000	12.00	587.70	584.20	574.90	785.00	583.19	0.00	583.36	10.75	3.29	238.60	239.45
6352.000	50.00	0.00	0.00	575.00	785.00	583.40	0.00	583.61	.61	1.01	772.81	1007.50
6420.000	196.00	0.00	0.00	575.00	785.00	583.66	0.00	583.84	.41	.71	1295.90	1529.19
7992.000	1004.00	0.00	0.00	575.00	785.00	583.47	0.00	583.49	.42	1.07	677.78	1515.19
6170.000	172.00	0.00	0.00	575.00	785.00	583.44	0.00	583.52	2.93	2.28	343.77	458.73
8220.000	56.00	584.50	582.96	575.20	930.00	583.46	0.00	583.57	5.81	2.55	364.36	385.79
6270.000	50.00	0.00	0.00	575.20	930.00	583.53	0.00	583.59	3.40	1.95	682.03	504.51
7426.000	1136.00	0.00	0.00	574.95	930.00	583.81	0.00	583.84	1.06	1.44	707.34	765.51
10944.000	1418.00	0.00	0.00	576.35	930.00	584.03	0.00	584.00	1.16	1.44	645.49	864.91
10944.000	150.00	0.00	0.00	576.35	930.00	585.99	0.00	584.06	2.24	2.10	445.85	621.75
11070.000	84.00	586.10	584.25	576.55	1100.00	584.00	0.00	584.43	7.45	3.44	229.25	402.98
11148.000	70.00	0.00	0.00	576.55	1100.00	584.17	0.00	584.51	5.91	3.04	314.54	452.48
12404.000	1456.00	0.00	0.00	576.92	1100.00	584.87	0.00	584.90	1.73	2.07	698.54	835.73
12414.000	10.00	581.51	580.25	576.92	1100.00	584.93	0.00	584.97	1.63	2.02	918.86	840.32
13397.000	982.00	0.00	0.00	576.95	1100.00	585.05	0.00	585.06	.59	.40	1556.29	1429.24

13597.000	200.00	0.00	[illegible]	578.00	11[illegible].00	[illegible]	[illegible]	585.07	[illegible].01	[illegible].07	1564.64	1402.84
13653.000	56.00	584.60	584.94	578.10	1185.00	584.95	0.00	585.21	69.93	4.07	299.20	141.71
13703.000	50.00	0.00	0.00	578.10	1185.00	585.41	0.00	585.58	5.05	1.62	894.04	527.15
13365.000	1662.00	0.00	0.00	577.95	1185.00	585.75	0.00	585.76	1.47	1.06	1465.11	977.85
15374.000	9.00	0.00	0.00	577.80	1185.00	585.75	0.00	585.76	1.54	1.41	1227.87	955.38

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	JORWS	VCH	AREA	.01K
15534.000	160.00	0.00	0.00	578.00	1185.00	585.77	0.00	585.78	.82	1.02	1477.57	1305.48
15584.000	50.00	0.00	0.00	578.00	1185.00	585.77	0.00	585.79	.82	1.02	1481.98	1310.08
15634.000	50.00	0.00	0.00	578.00	1185.00	585.78	0.00	585.79	.82	1.02	1483.59	1311.76
15890.000	256.00	0.00	0.00	578.30	1185.00	585.80	0.00	585.81	1.02	1.15	1365.91	1172.73
16085.000	195.00	0.00	0.00	577.63	1185.00	585.82	0.00	585.83	.83	.97	1601.52	1300.30
16235.000	150.00	0.00	0.00	577.63	1185.00	585.84	0.00	585.85	1.25	1.48	1611.44	1060.43
16285.000	50.00	584.52	583.52	577.70	1260.00	586.16	0.00	586.19	2.60	2.00	1501.09	780.93
16335.000	50.00	0.00	0.00	577.70	1260.00	586.16	0.00	586.21	3.07	2.48	1509.15	719.02

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82/05/24. 10.30.50. PAGE 40

& POET DRAIN

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	740.00	580.06	0.00	0.00	0.00	614.00	0.00
1.000	740.00	580.06	0.00	-.00	0.00	679.16	32.00
2.000	740.00	580.06	0.00	.00	0.00	679.18	1.00
3.000	760.00	580.10	0.00	.04	0.00	679.18	38.00
4.000	760.00	580.09	0.00	-.01	0.00	679.18	1.00
291.000	760.00	580.11	0.00	.02	0.00	679.18	50.00
1939.000	760.00	580.25	0.00	.14	0.00	596.52	1648.00
2659.000	760.00	580.34	0.00	.08	0.00	386.00	720.00
3189.000	760.00	580.47	0.00	.13	0.00	122.00	530.00
3389.000	760.00	580.49	0.00	.02	0.00	22.00	200.00
3403.000	785.00	580.99	0.00	.50	0.00	22.00	10.00
3483.000	785.00	581.61	0.00	.63	0.00	102.00	80.00

3483.000	785.00	581.35	0.00	-.26	0.00	19.75	40.00
3521.000	785.00	581.69	0.00	.34	0.00	108.67	38.00
4266.000	785.00	582.23	0.00	.55	0.00	310.00	745.00
4617.000	785.00	582.27	0.00	.04	0.00	116.60	351.00
4797.000	785.00	582.29	0.00	.02	0.00	52.00	260.00
4848.000	785.00	582.35	0.00	.06	0.00	49.00	51.00
4919.000	785.00	582.37	0.00	.02	0.00	52.00	71.00
4990.000	785.00	582.40	0.00	.03	0.00	52.00	71.00
5041.000	785.00	582.40	0.00	.00	0.00	48.30	51.00
5261.000	785.00	582.54	0.00	.14	0.00	61.05	270.00
5525.000	785.00	582.74	0.00	.20	0.00	282.14	264.00
5649.000	785.00	582.77	0.00	.03	0.00	287.17	124.00

SECNO	U	CWSEL	DIFWSP	DIFWSX	DIFXWS	TOPNID	XLCH
5681.000	785.00	582.99	0.00	.22	0.00	369.84	32.00
5800.000	785.00	583.00	0.00	.01	0.00	325.00	119.00
5938.000	785.00	583.00	0.00	.00	0.00	303.00	138.00
6022.000	785.00	583.18	0.00	.18	0.00	166.00	84.00
6100.000	785.00	583.17	0.00	-.01	0.00	126.00	78.00
6270.000	785.00	583.18	0.00	.00	0.00	28.70	194.00
6282.000	785.00	583.19	0.00	.02	0.00	29.00	12.00
6332.000	785.00	583.40	0.00	.20	0.00	130.00	50.00
6928.000	785.00	583.44	0.00	.04	0.00	538.05	596.00
7992.000	785.00	583.47	0.00	.04	0.00	138.00	1064.00
8164.000	785.00	583.44	0.00	-.03	0.00	52.00	172.00
8220.000	930.00	583.46	0.00	.02	0.00	52.00	56.00
8270.000	930.00	583.53	0.00	.07	0.00	89.96	50.00
9426.000	930.00	583.81	0.00	.28	0.00	188.41*	1156.00
10844.000	930.00	584.00	0.00	.18	0.00	116.14	1418.00
10994.000	930.00	583.99	0.00	-.00	0.00	60.00	150.00
11078.000	1100.00	584.00	0.00	.00	0.00	57.02	84.00
11148.000	1100.00	584.17	0.00	.17	0.00	121.18	70.00

12404.000	1100.00	584.87	0.00	.69	0.00	311.51	1256.00
12414.000	1100.00	584.93	0.00	.06	0.00	313.55	10.00
13397.000	1100.00	585.05	0.00	.12	0.00	496.50	992.00
13597.000	1100.00	585.06	0.00	.01	0.00	496.75	200.00
13653.000	1185.00	584.95	0.00	-.11	0.00	508.24	56.00
13703.000	1185.00	585.31	0.00	.36	0.00	523.03	50.00
15365.000	1185.00	585.75	0.00	.44	0.00	896.89	1662.00
15374.000	1185.00	585.75	0.00	-.00	0.00	572.52	9.00

SECNO	O	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
15534.000	1185.00	585.77	0.00	.02	0.00	672.41	160.00
15584.000	1185.00	585.77	0.00	.00	0.00	674.28	50.00
15634.000	1185.00	585.78	0.00	.00	0.00	674.96	50.00
15690.000	1185.00	585.80	0.00	.02	0.00	578.39	256.00
16085.000	1185.00	585.82	0.00	.02	0.00	525.29	195.00
16235.000	1185.00	585.84	0.00	.01	0.00	525.74	150.00
16285.000	1260.00	586.16	0.00	.32	0.00	837.27	50.00
16335.000	1260.00	586.16	0.00	-.00	0.00	839.18	50.00

SUMMARY OF ERRORS

****
HEC2 RELEASE DATED NOV 76 UPDATED APRI 1980
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54
****

10.30.25.HECFREE,CM130000,P30.

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HH        HH EEEEEEEEEEEE   CCCCCCCC     22222222
HH        HH EEEEEEEEEEEE  CCCCCCCCCC   2222222222
HH        HH EE           CCC      CC 22       222
HH        HH EE           CC                   22
HH        HH EE           CC                   22
HH        HH EE           CC                   22
HH        HH EE           CC                   22
HHHHHHHHHHHH EEEEEEEEEE   CC                  222
HHHHHHHHHHHH EEEEEEEEEE   CC              222222222
HH        HH EE           CC              222222222
HH        HH EE           CC            222
HH        HH EE           CC            22
HH        HH EE           CC            22
HH        HH EE           CCC      CC 22
HH        HH EEEEEEEEEEEE  CCCCCCCCCC  222222222222
HH        HH EEEEEEEEEEEE   CCCCCCCC   222222222222

IIIIIIII  NN        NN PPPPPPPPP   UU        UU TTTTTTTTTTTT
IIIIIIII  NN        NN PPPPPPPPPP  UU        UU TTTTTTTTTTTT
  II      NNN       NN PP       PPP UU        UU     TT
  II      NNN       NN PP        PP UU        UU     TT
  II      NNNN      NN PP        PP UU        UU     TT
  II      NN NN     NN PP        PP UU        UU     TT
  II      NN  NN    NN PP       PPP UU        UU     TT
  II      NN   NN   NN PPPPPPPPPP  UU        UU     TT
  II      NN    NN  NN PPPPPPPPP   UU        UU     TT
  II      NN     NN NN PP          UU        UU     TT
  II      NN      NNNN PP          UU        UU     TT
  II      NN       NNN PP          UU        UU     TT
  II      NN       NNN PP          UU        UU     TT
  II      NN        NN PP          UUUU    UUUU     TT
IIIIIIII  NN        NN PP           UUUUUUUUUU      TT
IIIIIIII  NN        NN PP            UUUUUUUU       TT

EEEEEEEEEEEE   CCCCCCCC   HH        HH   00000000
EEEEEEEEEEEE  CCCCCCCCCC  HH        HH  0000000000
EE           CCC      CC HH        HH 000    000
EE           CC         HH        HH 00      00
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EEEEEEEEEEE  CC         HHHHHHHHHHHH 00      00
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EE           CC         HH        HH 00      00
EE           CC         HH        HH 00      00
EE           CC         HH        HH 00      00
EE           CC         HH        HH 00      00
EE           CCC      CC HH        HH 000    000
EEEEEEEEEEEE  CCCCCCCCCC  HH        HH  0000000000
EEEEEEEEEEEE   CCCCCCCC   HH        HH   00000000
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C
C  42.
C  0.000 X-SECT. D/S OF VREELAND RD. FROM GIBRALTAR FIS
C  1.000 X-SECT. 1 FOOT D/S OF VREELAND RD.   GLBR. SECT. 10654.
C  2.000 X-SECT. D/S FACE OF VREELAND RD.   GLBR. SECT. 10655.
C  3.000 X-SECT. U/S FACE OF VREELAND RD.   GLBR. SECT. 10693.
C  4.000 X-SECT. 1 FOOT U/S OF VREELAND RD.   GLBR. SECT. 10694.
C  291.0 BASED ON FIELD NOTES : QUAD MAP
C  1939.0 SECTION SAME AS 14321  FIELD BOOK 955.
C  2659.0 SECTION SAME AS 13601
C  3189.0 BASED ON FIELD NOTES : QUAD MAP
C  3389.0 D/S FACE  PENN CENTRAL
C  3403.0 U/S FACE  PENN CENTRAL
C  3443.0 BASED ON FIELD NOTES : QUAD MAP
C  3483.0 ABANDONED ABUTMENT BY PENN CENTRAL
C  3521.0 SECTION SAME AS 12739
C  4266.0 SECTION SAME AS 11994
C  4617.0 STOPPED AT HOUSE LINE  BASED ON FIELD NOTES : QUAD MAP
C  4797.0 D/S FACE OF FORT ST.  NB
C  4848.0 U/S FACE OF FORT ST.  NB
C  4990.0 D/S FACE OF FORT ST.  SB
C  5041.0 U/S FACE OF FORT ST.  SB
C  5649.0 D/S OF VAN HORN RD.
C  5681.0 U/S OF VAN HORN RD.
C  5938.0 D/S 87   BY 136 CULVERT
C  6022.0 U/S 87   BY 136 CULVERT
C  6270.0 D/S OF DT : I R.R.
C  6282.0 U/S OF DT : I R.R.
C  6928.0 SECTION SAME AS 9332
C  8164.0 D/S OF MARION DR.
C  8220.0 U/S OF MARION DR.
C  9426.0 SECTION SAME AS 6834
C  10994. D/S OF WEST RD.
C  11078. U/S OF WEST RD.
C  13597. D/S OF HARRISON RD.
C  13653. U/S OF HARRISON RD.
C  15365. SECTION SAME AS 895
C  15374. PROFILE LINE C 210   SOUTH OF PROPOSED SUB.
C  15534. DOWNSTREAM OF SUBDIVISON
C  15584. PROFILE LINE B 616   SOUTH OF KING RD. SOUTH OF PROPOSED SUB.
C  15634. DUMMY SECT. 50 FT. INSIDE S.PROPLINE REPEAT SECT. 15534 W/PROP.EL.
C  15890. PROFILE LINE A 310   SOUTH OF KING RD.
C  16235. D/S OF KING RD.
C  16285. U/S OF KING RD.
T1 CITY OF TRENTON  STARTING WSEL BASED ON GIBRALTER ERROR CORRECTION
T2 100 YEAR STORM(DNR FLOWS) A. RENJIFO 5/20/82 HRC 81105
T3 FRANK : POET DRAIN
J1     0.       2.       0.       0.  0.0000       0.       0.0       0. 582.100    0.000
J2     -1        0       -1
J3   110.    150.0    200.0      0.0      0.0      0.0      0.0      0.0      0.0    0.000
QT    2.0   1060.0    740.0      0.0      0.0      0.0      0.0      0.0      0.0    0.000
NC  0.060    0.060    0.035      0.3      0.5      0.0      0.0      0.0      0.0    0.000
X1    0.0     14.0    435.0    460.0      0.0      0.0      0.0      0.0    1.430    0.000
X3    0.0      0.0      0.0    100.0      0.0    714.0      0.0      0.0      0.0    0.000
GR580.40      0.0    580.4     60.0    578.6     80.0    576.6    100.0    574.6  130.000
GR573.70    410.0    573.6    435.0    569.3    450.0    573.7    460.0    573.8  475.000
GR574.60    630.0    576.6    825.0    578.6    910.0    579.0   1030.0      0.0    0.000
X1    1.0     24.0    410.0    432.8     32.0     32.0     32.0      0.0      0.0    0.000
X3   10.0    570.0      0.0      0.0      0.0      0.0      0.0    577.0    577.0    0.000
GR   600.      0.0    578.8      1.0    578.1    200.0    577.3    401.0    577.3  410.000
GR572.20    412.1    570.1    412.9    569.5    414.9    570.1    416.8    572.2  417.600
GR572.20    420.1    570.1    420.9    569.5    422.9    570.1    424.8    572.2  425.600
GR572.20    428.1    570.1    428.9    569.5    430.9    570.1    432.8    572.2  433.600
GR577.30     438.    577.3    450.0    577.4    680.0    600.0    681.0      0.0    0.000
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NC	0.020	0.018	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X1	2.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.000
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	577.0	577.0	0.000
SB	0.0	1.96	3.0	0.0	7.9	0.0	71.27	1.0	569.5	569.5
GT	2.0	1060.0	760.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X1	3.0	0.0	0.0	0.0	38.0	38.0	38.0	0.0	0.0	0.000
X2	0.0	0.0	1.0	575.0	578.7	0.0	0.0	0.0	0.0	0.0
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	578.7	578.7	0.000
BT	20.0	1.0	580.2	578.8	200.0	579.5	578.1	401.0	578.7	577.3
BT412.10		578.7	572.2	412.9	578.7	574.5	414.9	578.7	575.0	416.800
BT578.70		574.5	417.6	578.7	572.2	420.1	578.7	572.2	420.9	578.700
BT574.50		422.9	578.7	575.0	424.8	578.7	574.5	425.6	578.7	572.200
BT428.10		578.7	572.2	428.9	578.7	574.5	430.9	578.7	575.0	432.800
BT578.70		574.5	433.6	578.7	572.2	450.0	578.7	577.3	680.0	578.800
BT	577.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.120	0.120	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X1	4.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.000
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	578.7	578.7	0.000
NC	0.120	0.1	0.040	0.1	0.3	0.0	0.0	0.0	0.0	0.000
NH	4.0	0.120	50.0	0.055	410.0	0.035	432.8	0.120	681.0	0.000
X1	291.	25.0	410.0	432.8	50.0	50.0	50.0	0.0	0.0	0.000
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	577.0	577.0	0.000
GR	600.	0.0	578.8	1.0	578.6	50.0	578.1	200.0	577.3	401.000
GR577.30		410.0	572.2	412.1	570.1	412.9	569.5	414.9	570.1	416.800
GR572.20		417.6	572.2	420.1	570.1	420.9	569.5	422.9	570.1	424.800
GR572.20		425.6	572.2	428.1	570.1	428.9	569.5	430.9	570.1	432.800
GR572.20		433.6	577.3	434.0	577.3	450.0	577.4	680.0	600.0	681.000
NC	0.105	0.105	0.050	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X11939.0		15.0	610.0	640.0	1648.0	1648.0	1648.0	0.0	0.0	0.000
GR	585.	0.0	580.0	275.0	576.370	415.0	576.420	515.0	576.620	595.000
GR576.25		610.0	571.3	613.0	571.270	625.0	571.3	637.0	575.640	640.000
GR575.84		702.0	576.670	759.0	578.370	837.0	580.0	850.0	585.01	000.000
NC	0.130	0.130	0.070	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X12659.0		25.0	883.0	922.0	720.0	720.0	720.0	0.0	0.0	0.000
X3	0	0	0	707.0	584.20	1093.0	584.20			
GR	585.	0.0	584.5	75.0	592.5	76.0	592.5	99.0	584.5	100.000
GR584.50		200.0	592.5	201.0	592.5	224.0	584.5	225.0	580.0	400.000
GR579.47		678.0	575.920	720.0	576.020	738.0	576.220	843.0	577.820	858.000
GR576.22		883.0	574.070	888.0	573.420	900.0	574.620	912.0	575.720	915.000
GR576.42		922.0	576.070	1042.0	576.120	1112.0	580.0	1150.0	585.01	250.000
NC	0.105	0.145	0.060	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X13189.0		12.0	683.0	719.0	530.0	530.0	530.0	0.0	0.0	0.000
X3	0	0	0	639.0	584.2	761.0	584.2	0	0	0
GR	585.	0.0	580.0	325.0	575.2	490.0	575.5	650.0	576.0	683.000
GR	574.	688.0	573.5	700.0	574.0	714.0	576.0	719.0	578.0	810.000
GR580.90		985.0	584.5	1000.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.055	0.140	0.060	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X13389.0		12.0	733.0	769.0	160.0	200.0	200.0	0.0	0.0	0.000
X3	0	0	0	739.0	584.20	761.0	584.20			
GR	585.	0.0	580.0	200.0	577.2	491.0	576.0	611.0	576.820	733.000
GR575.05		738.0	574.950	750.0	575.050	764.0	580.770	769.0	580.9	991.000
GR	580.	1500.0	585.0	1700.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.080	0.080	0.060	0.3	0.5	0.0	0.0	0.0	0.0	0.000
SB	0.0	1.480	3.0	1600.0	21.0	0.0	115.0	0.0	0.0	0.000
GT	2.0	1120.0	785.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X13403.0		10.0	785.0	825.0	14.0	14.0	14.0	0.0	0.0	0.000
X2	0.0	0.0	1.0	580.450	584.2	0.0	0.0	0.0	0.0	0.000
X3	0	0	0	769.0	584.20	811.0	584.20			
BT	5.0	0.0	584.2	584.2	785.0	584.2	583.52	791.0	584.2	580.45
BT	812.0	584.2	580.45	1600.0	584.2	584.2	0.0	0.0	0.0	0.0
GR	584.2	0.0	582.0	510.0	583.520	785.0	575.050	791.0	574.950	800.000
GR575.05		812.0	578.570	815.0	580.0	825.0	580.1	1110.0	584.21	600.000
NC	0.130	0.035	0.055	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X13443.0		14.0	664.0	735.0	40.0	40.0	40.0	0.0	0.0	0.000
X3	0	0	0	649.0	584.2	751.0	584.2	0	0	0
GR	585.	0.0	580.0	150.0	576.2	404.0	576.2	494.0	576.2	664.000

	573.	670.0	572.5	700.0	573.0	730.0	577.2	735.0	577.2	814.000
GR577.10	924.0	576.9	1064.0	580.0	1075.0	585.0	1400.0	0.0	0.000	
X13483.0	14.0	640.0	660.0	40.0	40.0	40.0	0.0	0.0	0.000	
X3	0	0	0	559.0	584.20	741.0	584.20			
GR	585.	0.0	580.0	150.0	581.7	310.0	581.9	640.0	573.0	642.000
GR572.50	650.0	573.0	658.0	581.9	660.0	582.4	690.0	581.6	770.000	
GR581.50	880.0	581.9	940.0	580.0	1100.0	585.0	1300.0	0.0	0.000	
X13521.0	17.0	589.0	619.0	38.0	38.0	38.0	0.0	0.0	0.000	
X3	0	0	0	471.0	584.20	729.0	584.20			
GR	585.	0.0	580.0	100.0	581.720	266.0	581.670	406.0	581.920	551.000
GR581.82	589.0	574.720	591.0	572.120	600.0	572.020	609.0	580.420	611.000	
GR582.12	619.0	582.170	629.0	581.170	669.0	581.020	724.0	582.220	869.000	
GR582.17	919.0	585.0	1200.0	0.0	0.0	0.0	0.0	0.0	0.000	
NC 0.120	0.150	0.060	0.1	0.3	0.0	0.0	0.0	0.0	0.000	
X14266.0	21.0	362.0	388.0	745.0	745.0	745.0	0.0	0.0	0.000	
GR	585.	0.0	580.0	125.0	574.770	178.0	575.470	308.0	576.470	323.000
GR577.27	338.0	577.470	343.0	577.470	348.0	577.570	353.0	577.320	362.000	
GR575.52	364.0	572.270	375.0	574.870	386.0	579.220	388.0	580.110	418.000	
GR580.02	478.0	580.220	500.0	580.670	515.0	580.460	540.0	582.850	580.000	
GR	585.	800.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.120	0.150	0.060	0.1	0.3	0.0	0.0	0.0	0.0	0.000	
ET	0.0	0.0	0.0	0.0	1.410	0.0	0.0	0.0	0.0	0.000
X14617.0	15.0	250.0	320.0	351.0	351.0	351.0	0.0	0.0	0.000	
GR	585.	0.0	580.0	120.0	580.0	160.0	578.0	240.0	577.5	250.000
GR572.50	260.0	572.460	285.0	572.5	310.0	578.0	320.0	578.2	330.000	
GR	585.	331.0	585.0	365.0	579.0	366.0	580.0	415.0	585.0	416.000
NC 0.050	0.050	0.035	0.3	0.5	0.0	0.0	0.0	0.0	0.000	
X14797.0	12.0	333.0	427.0	120.0	180.0	260.0	0.0	0.0	0.000	
X3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	583.0	583.0	0.0
GR584.10	40.0	583.0	290.0	580.0	300.0	579.310	333.0	576.060	348.000	
GR572.46	379.0	576.160	409.0	578.660	419.0	580.0	427.0	582.0	548.000	
GR	584.	568.0	585.7	628.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.035	0.035	0.055	0.3	0.5	0.0	0.0	0.0	0.0	0.000	
SB	0.0	1.530	3.0	0.0	51.0	0.0	377.4	0.0	572.460	572.460
X14848.0	15.0	340.0	389.0	51.0	51.0	51.0	0.0	0.0	0.000	
X2	0.0	0.0	1.0	579.860	583.4	0.0	0.0	0.0	0.0	0.000
X3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	583.0	583.0	0.0
X2	0.0	0.0	1.0	579.860	583.4	0.0	0.0	0.0	0.0	0.000
X3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	583.0	583.0	0.0
BT	9.0	40.0	584.1	584.10	300.0	583.4	582.0	340.0	583.630	579.760
BT	341.	584.580	579.860	388.0	584.580	579.860	389.0	584.020	582.0	439.000
BT584.44	584.2	585.0	585.6	585.6	629.0	585.64	585.64	0.0	0.0	
GR584.10	40.0	583.0	290.0	582.0	300.0	579.760	340.0	579.760	340.900	
GR573.81	341.0	572.460	359.0	572.960	388.0	580.020	388.1	582.0	389.000	
GR	582.	425.0	584.0	435.0	584.2	439.0	585.6	585.0	585.640	629.000
X14919.0	0.0	0.0	0.0	71.0	71.0	71.0	0.0	0.0	0.000	
X14990.0	14.0	510.0	610.0	71.0	71.0	71.0	0.0	0.0	0.000	
X3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	583.0	583.0	0.0
GR584.10	50.0	583.0	140.0	580.0	300.0	582.0	350.0	583.3	460.000	
GR	584.	510.0	579.720	550.4	574.460	550.5	572.1	574.0	572.310	597.500
GR579.71	597.6	584.0	610.0	586.0	630.0	586.0	770.0	0.0	0.000	
NC 0.095	0.085	0.060	0.3	0.5	0.0	0.0	0.0	0.0	0.000	
SB	0.0	1.430	3.0	0.0	51.0	0.0	517.650	0.0	572.1	572.100
X15041.0	13.0	520.0	569.0	51.0	51.0	51.0	0.0	0.0	0.000	
X2	0.0	0.0	1.0	582.25	582.970	0.0	0.0	0.0	0.0	0.000
X3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	583.0	583.0	0.0
BT	11.0	50.0	584.1	584.10	300.0	583.0	583.0	310.0	583.110	582.8
BT	380.	584.090	581.750	520.0	586.71	586.71	521.	586.970	582.250	568.000
BT586.97	582.25	569.0	587.16	587.16	580.0	588.0	588.0	585.0	590.0	
BT	590.0	605.0	592.0	592.0	0.0	0.0	0.0	0.0	0.0	0.0
GR584.10	50.0	583.0	300.0	582.8	310.0	581.750	380.0	580.0	505.000	
GR586.71	520.0	575.160	521.0	572.6	545.0	572.810	568.0	587.160	569.000	
GR	588.	580.0	590.0	585.0	592.0	605.0	0.0	0.0	0.0	0.00
X15261.0	11.0	350.0	395.0	140.0	220.0	270.0	0.0	0.0	0.000	
GR583.20	50.0	583.5	300.0	582.0	350.0	580.0	355.0	578.9	360.000	
GR572.30	365.0	572.6	377.0	572.7	389.0	587.2	395.0	588.0	400.000	
GR	583.	405.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X15525.0	13.0	75.0	116.0	264.0	264.0	264.0	0.0	0.0	0.000	

GR565.20	0.0	580.0	75.0	578.7	77.0	572.3	82.0	572.270	95.000
GR572.30	110.0	578.9	116.0	578.0	120.0	580.0	140.0	582.3	230.000
GR 583.	330.0	583.5	360.0	590.0	361.0	0.0	0.0	0.0	0.000
NC 0.070	0.070	0.050	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X15649.0	0.0	0.0	0.0	124.0	124.0	124.0	0.0	0.0	0.000
X3 10.0	0.0	0.0	1.0	0.0	359.0	0.0	578.5	578.5	0.000
SB 0.0	1.4500	3.0	0.0	18.0	0.0	112.680	0.0	571.610	571.610
X15681.0	16.0	82.0	148.0	32.0	32.0	32.0	0.0	0.0	0.000
X2 0.0	0.0	1.0	578.330	582.230	0.0	0.0	0.0	0.0	0.00
X3 10.0	0.0	0.0	1.0	0.0	385.0	0.0	582.230	582.230	0.000
BT 10.0	0.0	582.8	582.8	5.0	582.7	582.0	35.0	582.5	580.0
BT 100.0	582.29	574.6	101.0	584.23	578.33	119.0	584.23	578.33	120.0
BT582.23	572.8	256.0	582.27	581.7	356.0	583.0	582.5	386.0	583.5
BT 583.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GR582.80	0.0	582.0	5.0	580.0	35.0	578.910	82.0	575.760	94.000
GR574.60	100.0	575.5	101.0	572.1	115.0	572.7	119.0	572.8	120.000
GR575.91	136.0	578.660	148.0	581.7	256.0	582.5	356.0	583.5	386.000
GR 590.	387.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.035	0.035	0.035	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X15800.0	11.0	217.0	283.0	119.0	119.0	119.0	0.0	0.0	0.000
X3 0.0	0.0	0.0	165.0	0.0	490.0	0.0	0.0	0.0	0.000
GR 585.	0.0	583.0	60.0	582.0	140.0	580.0	170.0	578.910	217.000
GR575.76	229.0	572.1	250.0	575.910	271.0	578.660	283.0	580.0	450.000
GR585.30	850.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.035	0.035	0.035	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X15938.0	21.0	300.0	363.0	138.0	138.0	138.0	0.0	0.0	0.000
X3 10.0	0.0	0.0	230.0	0.0	533.0	0.0	582.3	582.3	0.000
GR 586.	0.0	585.0	50.0	582.0	229.0	580.7	300.0	574.2	309.000
GR571.94	313.0	571.940	319.0	571.940	319.340	571.940	328.5	571.940	328.600
GR571.94	331.4	571.940	331.5	571.940	340.660	571.940	341.0	571.940	353.000
GR578.50	363.0	579.250	390.0	580.250	425.0	583.0	515.0	583.0	534.000
GR 583.	600.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
SB 0.0	1.39	3.0	0.0	21.32	0.0	132.8	0.0	572.05	571.94
X16022.0	0.0	0.0	0.0	84.0	84.0	84.0	0.0	0.0	0.000
X2 0.0	0.0	1.0	579.330	582.3	0.0	0.0	0.0	0.0	0.000
X3 0	0	0	245.0	587.70	421.0	587.70			
BT 15.0	0.0	586.0	586.0	229.0	582.3	582.0	309.0	582.3	574.2
BT 319.	582.3	571.940	319.340	582.3	579.190	328.5	582.3	579.190	328.600
BT582.30	571.94	331.4	582.3	571.94	331.5	582.3	579.190	340.660	582.300
BT579.19	341.0	582.3	571.94	353.0	582.3	571.94	363.0	582.3	578.5
BT 390.0	583.1	579.25	425.0	582.77	580.25				
NC 0.065	0.045	0.045	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X16100.0	17.0	233.0	277.0	78.0	78.0	78.0	0.0	0.0	0.000
X3 0	0	0	181.5	587.70	318.5	587.70			
GR 585.	0.0	581.4	55.0	581.1	125.0	582.0	170.0	582.2	177.000
GR 582.	185.0	580.0	215.0	578.690	233.0	574.9	238.0	574.8	250.000
GR574.90	272.0	580.290	277.0	578.1	315.0	578.5	385.0	578.8	465.000
GR 580.	535.0	585.0	825.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.065	0.045	0.045	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X16270.0	0.0	0.0	0.0	194.0	194.0	194.0	0.0	0.0	0.000
X3 0	0	0	230.00	587.70	270.00	587.70			
NC 0.035	0.030	0.045	0.3	0.5	0.0	0.0	0.0	0.0	0.000
SB 1.250	1.660	3.0	0.0	28.7	1.5	340.0	0.920	574.9	574.900
X16282.0	13.0	251.0	318.0	12.0	12.0	12.0	0.0	0.0	0.000
X2 0.0	0.0	1.0	584.2	587.7	0.0	0.0	0.0	0.0	0.000
X3 0	0	0	254.5	587.70	294.5	587.70			
GR 585.	0.0	580.0	100.0	577.9	251.0	575.0	257.0	574.9	275.000
GR 575.	287.0	576.790	296.0	578.0	301.0	580.0	305.0	582.0	313.000
GR 584.	318.0	584.2	488.0	585.0	850.0	0.0	0.0	0.0	0.000
X16332.0	14.0	254.0	299.0	50.0	50.0	50.0	0.0	0.0	0.000
X3 0	0	0	205.0	587.70	345.0	587.70			
GR 585.	0.0	582.0	73.0	580.0	163.0	580.0	233.0	578.0	243.000
GR577.94	254.0	575.1	263.0	575.0	275.0	575.1	293.0	576.790	299.000
GR 578.	321.0	578.2	421.0	580.0	523.0	582.5	725.0	0.0	0.000
NC 0.035	0.030	0.050	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X16928.0	23.0	395.0	467.0	596.0	596.0	596.0	0.0	0.0	0.000

X3	0.0	0.0	0.0	280.0	0.0	820.0	0.0	0.0	0.0	0.000
GR	585.	0.0	584.5	60.0	592.5	61.0	592.5	91.0	584.5	92.000
GR	583.	250.0	591.0	251.0	591.0	281.0	583.0	282.0	580.0	300.000
GR	578.41	395.0	575.860	405.0	573.660	425.0	576.310	445.0	577.510	455.000
GR	580.31	467.0	581.460	507.0	581.910	542.0	583.310	622.0	583.0	825.000
GR	591.	826.0	591.0	856.0	583.0	857.0	0.0	0.0	0.0	0.000
NC	0.045	0.035	0.035	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	7992.0	20.0	425.0	491.0	1064.0	1064.0	1064.0	0.0	0.0	0.000
X3	0.0	0.0	0.0	200.0	0.0	590.0	0.0	0.0	0.0	0.000
GR	593.	0.0	585.0	1.0	584.0	111.0	592.0	112.0	592.0	142.000
GR	584.	143.0	581.0	248.0	580.0	303.0	578.0	425.0	575.2	435.000
GR	575.08	450.0	575.2	476.0	578.0	491.0	580.0	543.0	582.0	563.000
GR	584.	588.0	585.0	600.0	593.0	601.0	593.0	630.0	585.0	631.000
NC	0.045	0.035	0.035	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	8164.0	20.0	383.0	503.0	172.0	172.0	172.0	0.0	0.0	0.000
X3	10.0	0.0	0.0	170.0	0.0	530.0	0.0	583.0	583.0	0.000
GR	585.	0.0	584.5	100.0	592.5	101.0	592.5	130.0	584.5	131.000
GR	584.0	233.0	585.4	333.0	584.0	383.0	582.0	393.0	580.010	400.000
GR	577.41	410.0	575.080	425.0	577.560	451.0	580.460	466.0	585.9	503.000
GR	585.70	643.0	593.7	644.0	593.7	674.0	585.0	675.0	585.0	700.000
SB	0.0	1.530	3.0	0.0	52.0	0.0	409.760	0.0	0.0	0.000
NC	0.040	0.035	0.045	0.3	0.5	0.0	0.0	0.0	0.0	0.000
QT	2.0	1430.0	930.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X1	8220.0	30.0	404.0	485.0	56.0	56.0	56.0	0.0	0.0	0.000
X2	0.0	0.0	1.0	582.96	584.3	0.0	0.0	0.0	0.0	0.0
X3	10.0	0.0	0.0	170.0	0.0	530.0	0.0	0.0	0.0	0.0
BT	11.0	169.0	584.5	584.30	254.0	584.3	584.0	349.0	585.260	584.0
BT	389.	585.850	584.0	423.5	586.090	577.5	424.0	586.460	582.960	476.000
BT	586.46	582.960	476.5	586.3	578.4	516.0	586.140	584.2	531.0	586.130
BT	584.2	654.0	585.870	585.87	0.0	0.0	0.0	0.0	0.0	0.000
GR	585.	0.0	584.5	100.0	592.5	101.0	592.5	130.0	584.5	131.000
GR	584.30	169.0	584.0	233.0	584.0	254.0	584.0	349.0	584.0	389.000
GR	584.	404.0	582.0	409.0	580.010	414.0	577.5	423.5	577.460	424.000
GR	575.20	450.0	577.610	473.0	578.3	476.0	578.4	476.5	580.660	485.000
GR	582.	489.0	584.0	497.0	584.2	516.0	584.2	531.0	585.2	644.000
GR	585.87	654.0	585.9	800.0	593.9	801.0	593.9	831.0	585.9	832.000
NC	0.040	0.035	0.045	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	8270.0	0.0	0.0	0.0	050.0	50.0	50.0	0.0	0.0	0.000
X3	0.0	0.0	0.0	67.0	0.0	574.0	0.0	0.0	0.0	0.000
NC	0.035	0.035	0.045	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	9426.0	21.0	507.0	552.0	1156.0	1156.0	1156.0	0.0	0.0	0.000
X3	0.0	0.0	0.0	450.0	0.0	640.0	0.0	0.0	0.0	0.000
GR	585.	0.0	584.5	65.0	592.5	66.0	592.5	96.0	584.5	97.000
GR	584.50	207.0	592.5	208.0	592.5	238.0	584.5	239.0	586.1	403.000
GR	585.35	421.0	581.050	441.0	579.3	458.0	578.750	485.0	579.450	507.000
GR	574.95	525.0	576.150	543.0	580.350	552.0	582.950	602.0	583.850	640.000
GR	586.90	750.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.040	0.030	0.035	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	10844.	11.0	412.0	527.0	1418.0	1418.0	1418.0	0.0	0.0	0.000
X3	0	0	0	393	586.10	557	586.10	0	0	0
GR	590.	0.0	585.0	150.0	584.7	340.0	584.570	412.0	576.6	442.000
GR	576.55	475.0	576.6	502.0	583.670	527.0	586.0	565.0	588.0	595.000
GR	590.	630.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.040	0.030	0.035	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	10994	21	195.0	305.0	150.0	150.0	150.0	0	0	0
X3	0	0	0	206	585.98	294	585.98	0	0	0
GR	585.92	0	586.14	50	586.51	100	586.51	150	585.80	195
GR	584.79	200	581.27	210	578.48	220	578.48	230	576.79	240
GR	576.57	250	576.48	260	576.82	270	578.93	280	581.48	290
GR	584.54	300	586.15	305	587.27	350	588.42	400	588.98	450
GR	589.99	500								
SB	1.05	1.71	3.0	0	51.83	3.0	510.4	2.0	576.53	576.57
NC	0.040	0.035	0.040	0.1	0.3					
QT	2.0	1615	1100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X1	11078	34	195	305	84	84	84			
X2	0	0	1	584.24	585.98					

X3	0	0	0	206	585.98	294	585.98			
BT	20	0	585.98	585.98	100	586.04	586.04	200	589.45	584.75
BT206.62	589.45	584.75	206.72	589.45	581.40	206.82	589.45	584.24	231.65	
BT589.72	584.24	231.75	589.72	578.17	233.25	589.72	578.17	233.35	589.72	
BT584.24	266.65	589.72	584.24	266.75	589.72	576.79	268.25	589.72	576.79	
BT268.35	589.72	584.24	293.37	589.72	584.24	293.47	589.72	580.74	300.00	
BT589.73	584.32	300.10	586.44	584.32	400.00	588.04	588.04	500.00	590.19	
BT590.19										
GR585.98	0	586.03	50	586.04	100	586.13	150	586.16	195	
GR584.75	200	584.75	206.62	581.40	206.72	581.40	206.82	581.40	210	
GR578.84	220	578.17	230	578.17	231.65	578.17	231.75	578.17	233.25	
GR578.17	233.35	576.92	240	576.53	250	576.55	260	576.79	266.65	
GR576.79	266.75	576.79	268.25	576.79	268.35	576.79	270	578.62	280	
GR580.74	290	580.74	293.37	580.74	293.47	584.32	300	584.32	300.10	
GR585.69	305	587.22	350	588.04	400	590.19	500			
X1 11148	30	433	491	70	70	70				
X3	0	0	0	350	586.10	550	586.10			
GR 590.0	0	586.7	250	586.7	253	585	350	584	370	
GR 582	408	581.32	428.25	584.25	428.26	584.25	429.75	581.3	429.76	
GR581.22	433	578.92	441	576.55	450	577	452	577.2	453	
GR578.82	462	578	463.25	584.25	463.26	584.25	464.75	578.91	464.76	
GR582.17	470	584	483	584.1	490	584.2	491	586	583	
GR 588.5	671	590	720	598	721	598	751	590	752	
NH 5.0	0.035	390.0	0.1	413.5	0.035	444.5	0.1	460.0	0.035	
NH 619.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	
X112404.	27.0	413.5	444.5	1256.0	1256.0	1256.0	0.0	0.0	0.000	
X3 10.0	0.0	0.0	0.0	0.0	0.0	0.0	581.0	581.0	0.000	
GR 590.	0.0	587.720	60.0	596.0	61.0	596.0	91.0	587.720	92.000	
GR585.49	250.0	583.210	296.0	581.510	381.0	581.6	390.0	582.050	413.000	
GR577.92	413.5	574.920	418.2	577.920	422.9	577.920	424.3	574.920	429.000	
GR577.92	433.7	577.920	435.1	574.920	439.8	577.920	444.5	582.110	445.000	
GR582.05	460.0	582.060	475.0	582.710	550.0	585.210	578.0	585.810	588.000	
GR593.81	589.0	593.810	619.0	0.0	0.0	0.0	0.0	0.0	0.000	
SB 0.0	1.28	2.5	0.0	8.0	0.0	84.8	1.0	0.0	0.0	
X112414.	0.0	0.0	0.0	10.0	10.0	10.0	0.0	0.0	0.000	
X2 0.0	0.0	1.0	580.92	581.510	0.0	0.0	0.0	0.0	0.000	
X3 10.0	0.0	0.0	0.0	0.0	0.0	0.0	581.510	581.510	0.000	
BT 20.0	0.0	590.0	590.0	60.0	587.72	587.72	250.0	585.49	585.49	
BT 296.	583.21	583.21	381.0	581.51	581.0	413.0	582.05	582.05	413.5	
BT582.05	577.920	418.2	582.030	580.920	422.9	582.110	577.920	424.3	582.110	
BT577.92	429.0	582.110	580.920	433.7	582.110	577.920	435.1	582.110	577.920	
BT439.80	582.110	580.920	444.5	582.110	577.920	445.0	582.110	582.11	475.000	
BT582.06	582.06	550.0	582.71	582.71	578.0	585.21	585.21	588.0	585.81	
BT585.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	
NC 0.035	0.035	0.045	0.1	0.3	0.0	0.0	0.0	0.0	0.000	
X113397.	15.0	382.0	416.0	992.0	992.0	992.0	0.0	0.0	0.000	
X3 0.0	0.0	0.0	180.0	0.0	740.0	0.0	0.0	0.0	0.000	
GR 590.0	0.0	586.0	192.0	584.0	217.0	582.0	317.0	581.3	332.000	
GR 582.	352.0	583.970	382.0	578.1	388.0	578.040	400.0	578.1	406.000	
GR580.97	416.0	582.0	592.0	582.0	700.0	590.0	701.0	590.0	741.000	
NC 0.035	0.035	0.055	0.3	0.5	0.0	0.0	0.0	0.0	0.000	
X113597.	0.0	0.0	0.0	200.0	200.0	200.0	0.0	0.0	0.000	
X3 10.0	0.0	0.0	180.0	0.0	740.0	0.0	585.0	585.0	0.000	
SB 0.0	1.69	3.0	0.0	55.0	0.0	379.5	0.0	0.0	0.000	
QT 2.0	1800.0	1185.0								
X113653.	32.0	390.0	485.0	56.0	56.0	56.0	0.0	0.0	0.000	
X2 0.0	0.0	1.0	584.940	585.000	0.0	0.0	0.0	0.0	0.000	
X3 10.0	0.0	0.0	180.0	0.0	740.0	0.0	584.8	584.8	0.000	
BT 16.0	179.0	586.7	586.7	188.0	586.38	586.2	200.0	586.0	586.0	
BT 212.0	585.5	585.5	312.0	587.89	584.4	396.5	588.32	583.2	397.0	
BT588.44	584.94	453.0	588.44	584.94	454.0	588.07	581.20	470.0	587.8	
BT 582.0	485.0	587.3	584.0	489.0	587.27	584.0	589.0	586.47	584.0	
BT 654.0	585.77	584.0	741.0	585.0	584.0	750.0	585.0	584.0	0.0	
GR 590.	0.0	590.0	65.0	598.0	66.0	598.0	96.0	590.0	97.000	
GR586.70	179.0	586.2	188.0	586.0	200.0	585.5	212.0	585.0	225.000	
GR584.40	312.0	584.0	390.0	583.2	396.5	583.0	397.0	582.0	405.000	

GR581.62	410.0	578.140	419.0	576.1	425.0	578.140	437.0	580.0	447.000
GR581.10	453.0	581.2	454.0	582.0	470.0	584.0	485.0	584.0	489.000
GR 584.	589.0	584.0	625.0	584.0	654.0	584.0	741.0	584.0	750.000
GR 592.	751.0	592.0	781.0	0.0	0.0	0.0	0.0	0.0	0.000
X113703.	0.0	0.0	0.0	50.0	50.0	50.0	0.0	0.0	0.000
X3 0.0	0.0	0.0	180.0	0.0	740.0	0.0	0.0	0.0	0.000
X115365.	20.0	520.0	563.0	1662.0	1662.0	1662.0	0.0	0.0	0.000
GR 590.	0.0	587.0	60.0	595.0	61.0	595.0	91.0	587.0	92.000
GR 585.	150.0	584.730	350.0	582.780	450.0	582.480	475.0	582.730	520.000
GR579.68	525.0	577.980	536.0	578.780	547.0	582.680	563.0	584.380	692.000
GR584.28	742.0	585.0	900.0	585.5	1025.0	593.5	1026.0	593.51	056.000
NC 0.035	0.035	0.045	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X115374.	18.0	350.0	382.0	9.0	9.0	9.0	0.0	0.0	0.000
GR588.30	0.0	587.6	50.0	585.9	125.0	582.5	275.0	582.2	325.000
GR582.70	350.	577.8	355.0	577.8	377.0	582.8	382.0	584.2	432.000
GR583.60	532.0	584.5	632.0	585.8	707.0	587.4	757.0	587.9	782.000
GR595.90	783.0	595.9	812.0	587.9	813.0	0.0	0.0	0.0	0.000
X115534.	17.0	330.0	368.0	160.0	160.0	160.0	0.0	0.0	0.000
GR588.20	0.0	585.7	25.0	583.7	50.0	581.7	225.0	582.2	325.000
GR582.20	330.0	578.0	341.0	578.0	363.0	583.5	368.0	584.5	402.000
GR 586.	452.0	585.3	579.0	584.2	652.0	586.7	802.0	586.8	852.000
GR586.50	908.0	587.3	984.0	0.0	0.0	0.0	0.0	0.0	0.000
X115584.	0.0	0.0	0.0	50.0	50.0	50.0	0.0	0.0	0.000
X115634.	0.0	0.0	0.0	50.0	50.0	50.0	0.0	0.0	0.000
X115890.	22.0	289.0	321.0	256.0	256.0	256.0	0.0	0.0	0.000
GR588.30	0.0	585.9	25.0	584.3	50.0	584.5	75.0	583.4	100.000
GR582.40	175.0	582.0	289.0	578.3	294.0	578.3	316.0	582.2	321.000
GR582.80	355.0	585.2	430.0	583.9	505.0	585.2	555.0	586.4	655.000
GR586.40	680.0	585.9	705.0	586.5	805.0	586.9	830.0	586.6	880.000
GR588.50	905.0	589.3	930.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.040	0.040	0.050	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X116085.	16.0	480.0	522.0	195.0	195.0	195.0	0.0	0.0	0.000
GR 590.	0.0	588.3	196.2	584.3	246.0	582.6	298.0	582.3	448.000
GR582.49	480.0	577.7	489.0	577.630	500.0	577.7	513.0	582.490	522.000
GR583.60	698.0	585.7	751.0	587.0	766.0	588.0	791.0	589.0	821.000
GR 589.	861.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC 0.060	0.060	0.040	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X116235.	0.0	0.0	0.0	150.0	150.0	150.0	0.0	0.0	0.000
X3 10.0	0.0	0.0	0.0	0.0	0.0	0.0	584.99	584.99	0.0
SB 0.0	1.520	3.0	0.0	13.0	0.0	82.230	0.230	0.0	0.000
QT 2.0	1890.0	1260.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X116285.	19.0	503.0	539.0	50.0	50.0	50.0	0.0	0.0	0.000
X2 0.0	0.0	1.0	583.520	584.520	0.0	0.0	0.0	0.0	0.000
X3 10.0	0.0	0.0	0.0	0.0	0.0	0.0	584.990	584.990	0.000
BT 16.0	0.0	590.0	590.0	313.0	587.38	584.75	325.0	587.27	584.75
BT 420.0	586.33	584.5	503.0	585.7	584.39	511.0	585.6	578.6	514.0
BT585.52	578.50	515.00	585.52	583.52	525.0	585.38	583.52	535.0	585.23
BT583.52	615.0	585.23	583.52	616.0	585.23	583.40	695.0	584.99	583.4
BT 723.0	584.99	583.4	810.0	585.5	585.02	1600.0	590.0	590.0	0.0
GR 590.	0.0	585.0	200.0	584.750	313.0	584.750	325.0	584.5	420.000
GR584.39	503.0	578.6	511.0	578.5	514.0	578.5	515.0	577.7	525.000
GR579.50	534.0	580.6	535.0	583.3	539.0	583.4	615.0	583.4	616.000
GR583.40	695.0	583.4	723.0	585.020	810.0	590.0	1600.0	0.0	0.000
NC 0.1	0.070	0.035	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X116335.	0.0	0.0	0.0	50.0	50.0	50.0	0.0	0.0	0.000
EJ 0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000

ER

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EEEEEEEEEEEE NN          NN DDDDDDDDDD
EEEEEEEEEEEE NN          NN DDDDDDDDDDD
EE           NNN         NN DD        DDD
EE           NNN         NN DD         DD
EE           NNNN        NN DD         DD
EE           NN NN       NN DD         DD
EE           NN  NN      NN DD         DD
EEEEEEEEEEE  NN   NN     NN DD         DD
EEEEEEEEEEE  NN    NN    NN DD         DD
EE           NN     NN   NN DD         DD
EE           NN      NNNN DD         DD
EE           NN       NNN DD         DD
EE           NN       NNN DD         DD
EE           NN         NN DD        DDD
EEEEEEEEEEEE NN         NN DDDDDDDDDDD
EEEEEEEEEEEE NN         NN DDDDDDDDDD
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EEEEEEEEEEEE   CCCCCCCC   HH          HH   00000000
EEEEEEEEEEEE  CCCCCCCCCC  HH          HH  0000000000
EE           CCC      CC  HH          HH 000      000
EE           CC          HH          HH 00        00
EE           CC          HH          HH 00        00
EE           CC          HH          HH 00        00
EE           CC          HH          HH 00        00
EEEEEEEEEEE  CC          HHHHHHHHHHHH 00        00
EEEEEEEEEEE  CC          HHHHHHHHHHHH 00        00
EE           CC          HH          HH 00        00
EE           CC          HH          HH 00        00
EE           CC          HH          HH 00        00
EE           CCC      CC  HH          HH 000      000
EEEEEEEEEEEE  CCCCCCCCCC  HH          HH  0000000000
EEEEEEEEEEEE   CCCCCCCC   HH          HH   00000000
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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
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RECEIVED
MAY 13 1980
WATER MANAGEMENT

MULTI PROFILE RUN

EXHIBIT #3
HUD 2011-01

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C
T1CITY OF TRENTON FLOOD INSURANCE STUDY
T210 YEAR STORM
T3       FRANK AND POET DRAIN

J1  ICHECK    INQ      NINV     IDIR     STRT     METRIC   HVINS    Q        WSEL     FQ
      0.       2.       0.       0.  0.000030     0.00     1.0      0.   584.390   0.000

J2  NPROF     IPLOT    PRFVS    XSECV    XSECH    FN       ALLDC    IBW      CHNIM    ITRACE
    1.000    0.000   -1.000    0.000    0.000    0.000    0.000    0.000    0.000    0.000

J3  VARIABLE CODES FOR SUMMARY PRINTOUT
   150.000  201.000    0.000    0.000    0.000    0.000    0.000    0.000    0.000    0.000

J5  LPRNT    NUMSEC                  ********REQUESTED SECTION NUMBERS********
   -10.000  -10.000    0.000    0.000    0.000    0.000    0.000    0.000    0.000    0.000
QT     5.000  1240.000  1660.000  1820.000  1820.000  2250.000     0.000     0.000     0.000     0.000
NC     0.080     0.080     0.035     0.100     0.300     0.000     0.000     0.000     0.000     0.000
ET     0.000     0.000     0.000     0.000     1.410     0.000     0.000     0.000     0.000     0.000

       STOPPED AT HOUSE LINE          BASED ON FIELD NOTES & QUAD MAP

X1  4617.000    13.000   260.000   310.000   351.000   351.000   351.000     0.000     0.000     0.000
GR   585.000     1.000   580.300   120.000   580.000   160.000   578.000   240.000   577.500   250.000
GR   572.500   260.000   572.460   285.000   572.500   310.000   578.200   320.000   576.200   330.000
GR   585.000   331.000   585.000   365.000   577.000   366.000   580.000   415.000   585.000   410.000
NC     0.060     0.040     0.035     0.300     0.500     0.000     0.000     0.000     0.000     0.000

       D/S FACE OF PORT ST. NO

X1  4777.000    12.000   348.000   409.000   120.000   160.000   280.000     0.000     0.000     0.000
GR   584.100    41.000   583.000   290.000   580.000   300.000   579.310   333.000   576.060   348.000
GR   572.460   377.000   576.160   409.000   578.660   419.000   580.000   427.000   582.000   548.000
GR   584.000   568.000   585.700   628.000     0.000     0.000     0.000     0.000     0.000     0.000
SE     0.000     1.760     0.000     0.000    51.000     0.000   377.400     0.000   572.460   572.460

       U/S FACE OF PORT ST. NO

X1  4848.000    12.000   341.000   338.000    31.000    51.000    51.000     0.000     0.000     0.000
X2     0.000     0.000     1.000   579.360   533.400     0.000     0.000     0.000     0.000     0.000
ST     6.000    40.000   584.100     0.000   300.000   582.400     0.000   340.000   583.600     0.000
GR   341.000   584.580   579.860   388.000   584.580   579.860   389.000   584.020     0.000   431.000
GR   584.440     0.000   629.000   585.640     0.000     0.000     0.000     0.000     0.000     0.000
GR   584.100    40.000   583.000   290.000   582.000   300.000   579.760   340.900   573.810   341.000
GR   572.460   355.000   572.960   388.000   580.020   384.100   582.000   425.000   584.000   425.000
GR   585.600   585.000   585.640   629.000     0.000     0.000     0.000     0.000     0.000     0.000
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X1	4919.000	0.000	0.000	0.000	71.000	71.000	71.000	0.000	0.000	0.000

D/S FACE OF FORT ST. SB

X1	4990.000	14.000	550.500	397.500	71.000	71.000	71.000	0.000	0.000	0.000
GR	584.100	50.000	583.000	140.000	580.000	300.000	582.000	550.000	583.300	460.000
GR	584.000	510.000	579.720	550.400	574.460	550.500	572.100	574.000	572.310	597.500
GR	579.710	597.600	584.000	610.000	586.000	630.000	586.000	770.000	0.000	0.000
SD	0.000	1.680	3.000	0.000	51.000	0.000	517.650	0.000	572.100	572.100

U/S FACE OF FORT ST. SB

X1	5041.000	11.000	521.000	568.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	582.250	582.970	0.000	0.000	0.000	0.000	0.000
GT	9.000	50.300	594.100	0.000	300.000	582.970	0.000	310.000	583.110	0.000
BT	580.000	584.090	0.000	520.000	585.830	0.000	521.000	586.970	582.250	568.000
BT	586.970	582.250	569.000	586.290	0.000	605.000	592.000	0.000	0.000	0.000
GR	584.100	50.000	583.000	300.000	580.000	505.000	586.710	520.000	575.160	521.000
GR	572.600	545.000	572.310	568.000	587.160	569.000	588.000	580.000	590.000	585.000
GR	592.000	605.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	5261.000	11.000	65.000	39.000	140.000	220.000	270.000	0.000	0.000	0.000
GR	583.500	50.000	583.500	300.000	582.000	350.000	580.000	355.000	578.900	360.000
GR	572.700	365.000	572.600	377.000	572.700	389.000	587.200	395.000	586.000	400.000
GR	590.000	405.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	5525.000	13.000	82.000	110.000	264.000	264.000	264.000	0.000	0.000	0.000
GR	583.200	0.000	580.000	75.000	573.700	77.000	572.300	82.000	572.270	95.000
GR	572.300	110.000	578.300	116.000	573.000	120.000	580.000	140.000	582.300	230.000
GR	583.000	430.000	583.500	360.000	590.000	366.000	0.000	0.000	0.000	0.000
RC	0.070	0.770	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF VAN HOUN RD.

X1	5649.050	0.000	0.000	0.000	124.000	124.000	124.000	0.000	0.000	0.000
X2	10.050	0.000	0.000	1.000	0.000	359.000	0.000	578.500	578.500	0.000
SI	0.000	1.660	3.000	0.000	18.000	0.000	112.680	0.000	571.610	571.610

U/S OF VAN HOUN RD.

X1	5691.000	11.000	54.000	136.000	32.000	32.000	32.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	578.330	582.230	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1.000	0.000	365.000	0.000	582.230	582.250	0.000
GT	8.000	1.000	582.000	0.000	100.000	582.290	0.000	101.000	584.250	578.350
BT	119.000	584.230	578.330	120.000	582.230	0.000	256.000	582.270	0.000	356.000
LT	578.000	0.000	586.000	575.500	0.000	0.000	0.000	0.000	0.000	0.000
GR	582.300	1.000	582.300	5.000	580.000	15.000	578.910	82.000	575.760	94.000
LT	572.100	110.000	575.910	136.000	578.660	146.000	581.700	256.000	582.500	356.000
GR	585.300	325.000	590.300	336.000	0.000	0.000	0.000	0.000	0.000	0.000
RC	0.070	0.770	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	5803.000	11.000	229.000	271.000	119.000	119.000	119.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	165.000	0.000	490.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	583.000	60.000	582.000	140.000	580.000	170.000	578.910	217.000
GR	575.760	229.000	572.100	250.000	575.910	271.000	578.660	283.000	580.000	450.000
GR	585.300	850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NC	0.060	0.120	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S 37 BY 136 CULVERT

X1	5938.300	3.000	313.000	353.000	136.000	138.000	136.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	230.000	0.000	533.000	0.000	582.300	582.300	0.000
GR	586.000	0.000	585.000	50.000	580.700	300.000	571.940	313.000	571.940	353.000
GR	578.500	363.000	583.000	515.000	583.000	600.000	0.000	0.000	0.000	0.000
SB	1.250	1.500	3.000	0.000	21.320	3.000	132.800	0.000	572.050	571.940

U/S 37 BY 136 CULVERT

X1	6022.000	0.000	0.000	0.000	84.000	84.000	84.000	0.000	0.110	0.000
X2	0.000	0.000	1.000	579.330	582.300	0.000	1.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	230.000	0.000	533.000	0.000	582.300	582.300	0.000
GT	13.000	229.000	582.300	0.000	309.000	582.300	0.000	319.000	582.300	0.000
BT	319.340	582.300	579.190	328.500	582.300	579.190	328.600	582.300	0.000	331.400
BT	582.300	0.000	331.500	582.300	579.190	340.660	582.300	579.190	341.000	582.300
BT	0.000	390.000	583.100	0.000	425.000	582.770	0.000	584.000	583.000	0.000
X1	6100.000	17.000	238.000	272.000	78.000	78.000	78.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	160.000	0.000	412.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	581.400	55.000	581.100	125.000	582.000	170.000	582.200	177.000
GR	582.000	185.000	580.000	215.000	578.690	233.000	574.900	238.000	574.600	250.000
GR	574.900	272.000	590.290	277.000	578.100	315.000	578.500	385.000	578.000	465.000
GR	580.000	535.000	585.000	825.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF DT & B.R.

X1	6270.000	3.000	0.300	0.000	194.000	194.000	194.000	0.000	0.000	0.000
X3	10.000	0.000	0.300	0.000	0.000	0.000	0.000	586.000	586.000	0.000
SB	1.250	1.500	3.000	0.000	28.700	1.500	526.000	0.920	0.000	0.000

U/S OF DT B I B.R.

X1	5782.300	13.000	287.000	287.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	1.000	1.000	584.230	587.790	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	587.690	587.690	0.000
GR	586.300	0.000	580.000	100.000	577.900	251.300	575.300	287.300	576.900	275.000
GR	575.300	287.300	576.750	296.000	578.300	321.000	580.300	335.000	582.000	315.300
SB	584.300	511.000	584.250	458.000	583.300	378.000	0.000	0.300	0.000	0.300
X1	5382.000	14.000	283.000	293.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	293.300	0.000	345.300	0.000	0.000	0.000	0.000
GR	535.000	0.000	582.000	73.300	580.000	133.300	580.000	293.000	576.000	243.000
GR	577.900	254.000	575.100	295.700	575.000	271.300	575.100	293.000	576.770	299.000
GR	578.000	341.000	574.200	421.000	581.000	523.000	582.500	425.000	0.000	0.000
NC	0.050	0.030	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

SECTION SAME AS 935:

X1	6228.000	3.000	475.000	445.000	566.000	566.000	566.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	280.000	0.000	820.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	60.000	592.500	61.000	592.500	61.000	584.500	92.000
GR	583.000	250.000	591.000	251.000	591.000	261.000	583.000	282.000	580.000	300.000
GR	578.410	395.000	575.860	405.000	573.660	425.000	576.310	445.000	577.510	455.000

GR	530.310	467.000	581.460	507.000	581.910	542.000	583.310	622.000	583.000	825.000
GR	591.000	826.000	591.000	856.000	583.000	857.000	0.000	0.000	0.000	0.000
NC	0.050	0.050	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	7992.000	20.000	435.000	476.000	1064.000	1064.000	1064.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	200.000	0.000	590.000	0.000	0.000	0.000	0.000
GR	593.000	0.000	585.000	1.000	584.000	111.000	592.000	112.000	592.000	142.000
GR	584.000	143.000	581.000	268.000	580.000	303.000	578.000	425.000	575.200	435.000
GR	575.080	450.000	575.200	476.000	578.000	491.000	580.000	543.000	582.000	563.000
GR	584.000	583.000	585.000	600.000	593.000	601.000	593.000	630.000	585.000	631.000
NC	0.040	0.040	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF MARIAN DR.

X1	8164.000	20.000	410.000	451.000	172.000	172.000	172.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	170.000	0.000	550.000	0.000	563.000	563.000	0.000
GR	585.000	0.000	584.500	105.000	592.500	101.000	592.500	150.000	584.500	131.000
GR	584.000	233.000	585.400	333.000	584.000	383.000	582.000	393.000	580.010	400.000
GR	577.410	410.000	575.080	425.000	577.560	451.000	580.460	466.000	585.900	503.000
GR	585.700	643.000	593.700	644.000	593.700	674.000	585.000	675.000	585.000	700.000
SR	0.000	1.550	3.000	0.000	52.000	0.000	409.760	0.000	0.000	0.000
NC	0.040	0.040	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000

U/S OF MARIAN DR.

X1	8220.000	21.000	424.000	473.000	56.000	56.000	56.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	170.000	0.000	550.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	582.960	584.300	0.000	0.000	0.000	0.000	0.000
GT	11.000	169.000	584.500	0.000	254.300	586.300	0.000	349.000	585.260	0.000
GY	339.000	585.450	0.000	423.500	586.090	0.000	424.000	586.460	582.960	476.000
GT	530.460	342.960	476.500	526.300	0.000	516.300	586.140	0.000	581.000	586.130
GT	0.000	581.000	585.870	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	150.000	592.500	101.000	592.500	150.000	584.500	131.000
GR	584.000	233.000	584.000	404.000	582.000	409.000	580.010	414.000	577.400	434.000
GR	575.200	450.000	577.510	473.000	580.660	485.000	582.000	489.000	584.000	497.000
GR	585.700	644.000	585.370	654.000	585.900	630.000	593.900	801.000	593.900	831.000
GR	585.900	832.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.050	0.050	0.035	0.100	0.500	0.000	0.000	0.000	0.000	0.000
X1	8275.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	170.000	0.000	550.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	67.000	0.000	574.000	0.000	0.000	0.000	0.000

SEPTIC TANK AS OF 36

X1	9526.000	21.000	507.000	546.000	1156.000	1156.000	1156.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	450.000	0.000	640.000	0.000	0.000	0.000	0.000
GR	585.000	0.000	584.500	65.000	592.500	46.000	592.500	95.000	584.500	97.000
GR	584.500	207.000	582.900	234.000	592.500	234.000	584.500	254.000	586.100	403.000
GR	585.350	421.500	581.050	441.000	579.200	456.000	578.750	465.000	579.450	507.000
GR	574.950	523.000	576.150	543.000	580.350	559.000	582.950	602.000	585.850	640.000
GR	586.900	751.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	10844.000	11.000	442.000	502.000	1418.000	1418.000	1418.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	330.000	0.000	530.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	585.300	150.000	584.700	340.000	584.570	412.000	578.600	442.000
GR	576.550	475.000	576.600	502.000	583.670	527.000	586.000	565.000	588.000	595.000
GR	590.000	650.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

NC	0.060	0.060	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	D/S OF WEST RD.									
X1	10994.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	330.000	0.000	530.000	0.000	584.500	584.500	0.000
SB	1.050	2.190	3.000	0.000	60.000	3.520	565.200	1.750	0.000	0.000
	U/S OF WEST RD.									
X1	11078.000	25.000	441.000	462.000	84.000	84.000	84.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.250	586.100	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	345.000	0.000	532.000	0.000	0.000	0.000	0.000
BT	8.000	0.000	590.000	0.000	253.000	586.700	0.000	452.000	586.100	0.000
BT	453.000	586.750	534.250	490.000	586.750	584.250	491.000	586.420	0.000	671.000
BT	588.520	0.000	752.000	590.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	586.700	250.000	585.000	350.000	584.000	370.000	582.000	406.000
GR	531.320	428.250	534.250	428.260	584.250	429.750	581.300	429.760	581.220	433.000
GR	578.920	441.000	576.550	450.000	578.820	462.000	578.000	463.250	584.250	463.260
GR	584.250	464.750	578.910	464.760	582.170	470.000	584.000	483.000	586.000	583.000
GR	588.500	671.000	590.000	720.000	598.000	721.000	598.000	751.000	590.000	752.000
BT	5.000	1220.000	1660.000	1800.000	1800.000	2200.000	0.000	0.000	0.000	0.000
X1	11143.000	0.000	0.000	0.000	70.000	70.000	70.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	345.000	0.000	532.000	0.000	578.000	578.000	0.000
NC	0.060	0.070	0.035	0.300	0.500	1.000	0.000	0.000	0.000	0.000
X1	12604.000	25.000	415.500	444.500	1256.000	1256.000	1256.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.300	0.700	1.000	0.000	581.000	581.000	0.000
GR	590.000	0.000	587.720	60.300	596.000	61.000	596.000	91.000	587.720	92.000
GR	585.480	250.000	583.210	296.000	581.510	591.000	582.050	413.000	577.920	413.500
GR	574.920	413.200	577.920	422.900	577.920	424.500	574.920	429.000	577.920	453.700
GR	577.920	455.100	574.920	439.800	577.920	444.500	582.110	445.000	582.000	475.000
GR	582.710	550.000	585.210	576.000	595.310	589.000	593.310	589.000	593.610	619.000
SB	1.250	1.330	2.500	0.000	20.600	5.470	34.300	0.010	0.020	0.000
X1	12414.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X2	5.000	2.000	1.000	577.920	581.510	0.000	0.000	0.000	0.000	0.000
X3	10.000	2.000	0.000	0.000	0.000	0.000	0.000	581.510	581.510	0.000
BT	20.000	0.000	590.000	0.000	60.000	587.720	0.000	250.000	585.490	0.000
BT	296.000	583.210	0.000	301.000	581.510	0.000	413.000	582.050	0.000	413.500
BT	582.050	577.920	413.200	582.050	580.920	422.900	582.110	577.920	474.500	582.110
BT	577.920	439.000	582.110	580.920	453.700	582.110	577.920	465.100	582.110	577.920
BT	457.500	582.110	550.930	444.500	582.110	577.920	449.000	582.110	0.000	479.000
BT	582.050	0.000	550.300	582.710	0.000	579.000	582.210	0.000	585.000	585.810
BT	0.000	1.000	0.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	13597.000	15.000	588.300	496.000	992.000	991.000	992.000	0.000	0.000	0.000
X3	5.000	0.000	0.000	180.000	0.000	781.000	0.000	0.000	0.000	0.000
GR	592.000	0.000	586.300	592.000	584.000	217.000	582.000	317.000	581.000	582.000
GR	582.000	388.000	583.970	362.000	578.100	588.000	578.040	400.000	578.100	400.000
GR	581.970	414.000	582.300	592.000	582.000	702.000	590.000	701.000	592.000	741.000
NC	0.060	0.070	0.040	0.300	0.500	1.000	0.000	0.000	0.000	0.000
	D/S OF HARRISON RD.									
X1	13597.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.000	0.000

X3	10.000	0.000	0.000	180.000	0.000	740.000	0.000	585.000	585.000	0.000
SB	0.000	1.600	3.000	0.000	55.000	0.000	379.500	0.000	0.000	0.000

U/S OF HARRISON RD.

X1	13693.000	20.000	419.000	427.000	56.000	56.000	56.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	584.940	584.070	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	180.000	0.000	740.000	0.000	585.000	585.000	0.000
BT	12.000	179.000	586.400	0.000	188.000	586.380	0.000	212.000	584.070	0.000
BT	312.000	587.890	0.000	396.500	585.320	0.000	397.000	588.440	584.940	453.000
BT	536.440	364.940	454.000	586.070	0.000	469.000	587.270	0.000	589.000	586.470
BT	0.000	654.000	585.770	0.000	741.000	585.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	590.000	65.000	598.000	66.000	596.000	96.000	590.000	97.000
GR	586.000	200.000	585.000	225.000	584.000	390.000	582.000	405.000	581.620	410.000
GR	578.140	419.000	578.100	425.000	578.140	437.000	580.940	447.000	582.000	470.000
GR	584.000	435.000	584.000	625.000	584.000	750.000	592.000	751.000	592.000	761.000
NC	0.060	0.060	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000

X1	13703.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	180.000	0.000	740.000	0.000	0.000	0.000	0.000

SECTION SAME AS 895

X1	15365.000	20.000	525.000	547.000	1662.000	1662.000	1662.000	0.000	0.000	0.000
GR	590.000	0.000	587.000	60.000	595.000	61.000	595.000	91.000	587.000	92.000
GR	585.000	150.000	584.730	350.000	582.780	451.000	582.480	475.000	582.730	520.000
GR	579.690	525.000	577.980	536.000	578.780	547.000	582.660	563.000	584.380	692.000
GR	584.230	741.000	585.000	900.000	585.500	1025.000	595.500	1026.000	595.500	1056.000

PROFILE LINE C 21: SOUTH OF PROPOSED SUB.

X1	15374.000	14.000	365.000	377.000	9.000	9.000	9.000	1.000	0.000	0.000
GR	585.500	0.000	587.600	50.000	583.900	121.000	582.500	275.000	582.200	325.000
GR	582.730	351.000	577.800	355.000	577.630	377.000	582.800	382.000	584.220	432.000
GR	583.600	532.000	584.500	632.000	585.600	707.000	587.400	737.000	587.900	782.000
GR	595.900	782.000	595.900	812.000	587.900	812.000	0.000	0.000	0.000	0.000

DOWNSTREAM OF SUBDIVISION

X1	15534.000	17.000	341.000	363.000	160.000	160.000	160.000	0.000	0.000	0.000
GR	588.200	1.000	585.700	25.000	583.730	50.000	581.700	225.000	582.200	325.000
GR	582.200	338.000	578.000	341.000	578.050	363.000	582.500	368.000	584.500	402.000
GR	586.000	452.000	585.500	579.000	584.200	658.000	582.700	802.000	586.820	852.000
GR	586.570	903.000	587.300	594.000	0.000	0.000	0.000	0.000	0.000	0.000

PROFILE LINE . 616: SOUTH OF KING RD. SOUTH LINE OF PROP. SUB.

X1	15514.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000

DUPLICATE SECT. 53 FT. UPSTREAM S. PROP. LINE REPEAT SECT. 15534 W/PROP. ELEV.

X1	15474.000	0.000	0.000	0.000	53.000	53.000	53.000	0.000	0.000	0.000

PROFILE LINE A 310: SOUTH OF KING RD.

X1	15890.000	22.000	294.000	316.000	256.000	256.000	256.000	0.000	0.000	0.000

GR	588.300	0.000	585.900	25.000	584.300	50.000	584.500	75.000	583.400	100.000
GR	582.400	175.000	582.000	289.000	578.300	294.000	578.300	516.000	582.200	321.000
GR	582.800	355.000	585.200	430.000	583.900	505.000	585.200	555.000	586.400	655.000
GR	586.400	680.000	585.900	705.000	586.500	805.000	586.900	830.000	588.600	880.000
GR	588.500	905.000	589.300	930.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	16085.000	14.000	489.000	513.000	195.000	195.000	195.000	0.000	0.000	0.000
GR	590.000	0.000	588.300	196.200	584.300	246.000	582.600	298.000	582.300	446.000
GR	582.490	400.000	577.700	489.000	577.630	500.300	577.700	513.000	582.490	522.000
GR	581.600	698.000	585.700	751.000	587.300	786.000	588.000	791.000	589.000	821.000
GR	589.000	861.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.060	0.060	0.040	0.300	0.500	0.000	0.000	0.000	0.000	0.000

D/S OF KING RD.

X1	16235.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	0.000	0.000
SB	0.000	1.770	3.000	0.000	13.000	0.000	82.230	0.230	0.000	0.000

U/S OF KING RD.

X1	16285.000	10.000	511.000	534.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	583.520	584.990	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	584.990	584.990	0.000
BT	12.000	0.000	590.000	0.000	313.000	547.380	0.000	525.000	587.270	0.000
BT	420.000	586.330	0.000	514.000	585.520	0.000	515.000	585.520	583.520	525.000
BT	585.580	584.520	585.000	585.230	583.520	615.000	585.230	584.520	616.000	585.230
DT	0.000	695.000	584.990	0.000	1600.000	590.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	585.000	200.000	584.590	583.000	578.600	511.000	577.700	525.000
GR	579.500	534.000	583.300	539.000	583.400	725.000	585.020	610.000	590.000	1600.000
NC	0.100	0.070	0.035	0.100	0.100	0.000	0.000	0.000	0.000	0.000

X1	16335.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
EL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
*****************************************************

T1CITY OF TRENTON FLOOD INSURANCE STUDY
T250 YEAR STORM
T3       FRANK AND POET DRAIN

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

       0.        3.        0.        0.  0.000000      0.00      0.0        0.   584.590     0.000

J2  NPROF    IPLOT     PREVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     2.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
*****************************************************

T1CITY OF TRENTON FLOOD INSURANCE STUDY
T2500 YEAR STORM
T3       FRANK AND POET DRAIN

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    MVINS     Q         WSEL      FQ

      0.        4.        0.        0.  0.000000      0.00      0.0        0.   584.640     0.000

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     3.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
*****************************************************

T1CITY OF TRENTON FLOOD INSURANCE STUDY
T2100 YEAR STORM
T3       FRANK AND POST DRAIN

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

       0.        6.        0.        0.  0.000000      0.00       0.0        0.   584.800     0.000

J2  NPROF    IPLOT     PRFVS     XSECV     XSECN      FN       ALLDC     IBW       CHNIM     ITRACE

     15.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
ERROR CORR - 01
MODIFICATION - 50,51,52

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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FRANK AND POET DRAIN

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TLK*S	VCH	AREA	.01K
4617.000	351.00	0.00	0.00	572.46	1240.00	584.59	0.00	584.41	0.56	1.33	1971.18	2063.61
4617.000	351.00	0.00	0.00	572.46	1680.00	584.59	0.00	586.62	0.61	1.75	2045.00	2149.84
4617.000	351.00	0.00	0.00	572.46	1820.00	584.64	0.00	584.66	0.70	1.88	2063.53	2171.61
4617.000	351.00	0.00	0.00	572.46	2230.00	584.80	0.00	584.85	0.99	2.25	2125.54	2242.51
4797.000	260.00	0.00	0.00	572.46	1240.00	584.40	0.00	584.42	0.47	1.36	1666.75	1806.94
4797.000	260.00	0.00	0.00	572.46	1680.00	584.60	0.00	584.64	0.77	1.76	1778.51	1914.24
4797.000	260.00	0.00	0.00	572.46	1820.00	584.66	0.00	584.69	0.88	1.88	1806.85	1942.07
4797.000	260.00	0.00	0.00	572.46	2230.00	584.82	0.00	584.88	1.20	2.23	1884.53	2033.75
4843.000	51.00	583.40	579.86	572.46	1240.00	584.46	0.00	584.51	0.76	1.92	1092.34	1406.60
4843.000	51.00	583.40	579.86	572.46	1680.00	584.68	0.00	584.76	1.27	2.48	1190.66	1480.16
4843.000	51.00	583.40	579.86	572.46	1820.00	584.74	0.00	584.83	1.45	2.66	1216.26	1509.49
4843.000	51.00	583.40	579.86	572.46	2230.00	584.90	0.00	585.08	2.00	3.15	1295.53	1576.81
4919.000	71.00	0.00	0.00	572.46	1240.00	584.47	0.00	584.52	0.76	1.91	1094.16	1408.69
4919.000	71.00	0.00	0.00	572.46	1680.00	584.69	0.00	584.77	1.27	2.48	1194.65	1490.63
4919.000	71.00	0.00	0.00	572.46	1820.00	584.75	0.00	584.84	1.45	2.66	1220.11	1512.74
4919.000	71.00	0.00	0.00	572.46	2230.00	584.92	0.00	585.04	1.99	3.14	1301.04	1581.54
4990.000	71.00	0.00	0.00	572.10	1240.00	584.50	0.00	584.55	0.51	1.27	1660.97	1729.17
4990.000	71.00	0.00	0.00	572.10	1680.00	584.74	0.00	584.79	0.82	2.01	1819.76	1886.58
4990.000	71.00	0.00	0.00	572.10	1820.00	584.81	0.00	584.86	0.92	2.14	1859.50	1926.49
4990.000	71.00	0.00	0.00	572.10	2230.00	585.01	0.00	585.07	1.23	2.50	1969.37	2009.65
5041.000	51.00	582.97	582.25	572.60	1240.00	584.52	0.00	584.56	0.67	1.74	1421.69	1509.47
5041.000	51.00	582.97	582.25	572.60	1680.00	584.77	0.00	584.85	1.07	2.43	1556.60	1626.65
5041.000	51.00	582.97	582.25	572.60	1820.00	584.84	0.00	584.90	1.20	2.57	1593.16	1659.65
5041.000	51.00	582.97	582.25	572.60	2230.00	585.04	0.00	585.13	1.61	2.77	1681.46	1756.98
5261.000	270.00	0.00	0.00	572.60	1240.00	584.55	0.00	584.60	5.24	0.00	752.16	541.75
5261.000	270.00	0.00	0.00	572.60	1680.00	584.82	0.00	584.88	7.77	0.00	843.16	602.67
5261.000	270.00	0.00	0.00	572.60	1820.00	584.90	0.00	584.96	8.62	0.00	875.34	619.54
5261.000	270.00	0.00	0.00	572.60	2230.00	585.18	0.00	585.20	10.90	0.00	948.54	673.54
5525.000	264.00	0.00	0.00	572.27	1240.00	584.60	0.00	584.54	0.84	2.08	1362.83	1352.80
5525.000	264.00	0.00	0.00	572.27	1680.00	584.89	0.00	584.92	1.31	2.63	1467.66	1463.47
5525.000	264.00	0.00	0.00	572.27	1820.00	584.97	0.00	585.00	1.47	2.82	1496.49	1496.72
5525.000	264.00	0.00	0.00	572.27	2230.00	585.21	0.00	585.21	1.95	3.28	1585.27	1598.80

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
5649.000	124.00	0.00	0.00	572.27	1240.00	584.61	0.00	584.66	0.95	2.21	1362.72	1272.95
5649.000	124.00	0.00	0.00	572.27	1680.00	584.90	0.00	584.98	1.49	2.81	1468.39	1376.08
5649.000	124.00	0.00	0.00	572.27	1820.00	584.99	0.00	585.07	1.68	2.99	1497.93	1405.79
5649.000	124.00	0.00	0.00	572.27	2230.00	585.23	0.00	585.34	2.22	3.49	1585.86	1496.52
5681.000	32.00	582.23	578.33	572.10	1240.00	584.67	0.00	584.69	0.55	1.52	1781.38	1667.69
5681.000	32.00	582.23	578.33	572.10	1680.00	584.98	0.00	585.01	0.87	1.94	1899.41	1804.33
5681.000	32.00	582.23	578.33	572.10	1820.00	585.06	0.00	585.10	0.97	2.06	1932.13	1843.20
5681.000	32.00	582.23	578.33	572.10	2230.00	585.32	0.00	585.37	1.29	2.41	2029.63	1961.53
5800.000	119.00	0.00	0.00	572.10	1240.00	584.68	0.00	584.70	0.43	1.35	1964.42	1897.68
5800.000	119.00	0.00	0.00	572.10	1680.00	585.00	0.00	585.02	0.66	1.72	2065.99	2038.00
5800.000	119.00	0.00	0.00	572.10	1820.00	585.08	0.00	585.11	0.77	1.83	2094.23	2077.80
5800.000	119.00	0.00	0.00	572.10	2230.00	585.34	0.00	585.36	1.03	2.15	2178.56	2198.50
5938.000	138.00	0.00	0.00	571.94	1240.00	584.68	0.00	584.71	0.57	1.75	1578.03	1645.50
5938.000	138.00	0.00	0.00	571.94	1680.00	584.99	0.00	585.05	0.92	2.26	1673.46	1748.39
5938.000	138.00	0.00	0.00	571.94	1820.00	585.08	0.00	585.14	1.05	2.42	1699.94	1778.12
5938.000	138.00	0.00	0.00	571.94	2230.00	585.33	0.00	585.42	1.43	2.86	1775.25	1864.14
6022.000	84.00	582.30	579.33	572.05	1240.00	584.74	0.00	584.77	0.56	1.76	1561.51	1625.50
6022.000	84.00	582.30	579.33	572.05	1680.00	585.06	0.00	585.12	0.94	2.28	1658.07	1731.24
6022.000	84.00	582.30	579.33	572.05	1820.00	585.15	0.00	585.21	1.07	2.44	1684.85	1761.15
6022.000	84.00	582.30	579.33	572.05	2230.00	585.40	0.00	585.50	1.45	2.88	1765.26	1850.31
6100.000	78.00	0.00	0.00	574.80	1240.00	584.74	0.00	584.78	1.05	2.06	1510.57	1212.10
6100.000	78.00	0.00	0.00	574.80	1680.00	585.07	0.00	585.13	1.66	2.57	1599.64	1314.42
6100.000	78.00	0.00	0.00	574.80	1820.00	585.16	0.00	585.22	1.87	2.75	1622.10	1330.46
6100.000	78.00	0.00	0.00	574.80	2230.00	585.42	0.00	585.51	2.51	3.24	1687.99	1408.20
6270.000	194.00	0.00	0.00	574.80	1240.00	584.69	0.00	584.91	5.56	3.70	334.72	534.59
6270.000	194.00	0.00	0.00	574.80	1680.00	585.07	0.00	585.34	9.05	4.68	344.23	558.37
6270.000	194.00	0.00	0.00	574.80	1820.00	585.16	0.00	585.46	10.39	5.05	346.73	564.67
6270.000	194.00	0.00	0.00	574.80	2230.00	585.45	0.00	585.87	14.66	6.30	352.75	582.47
6282.000	12.00	587.70	584.20	574.90	1240.00	584.73	0.00	585.05	6.78	4.21	294.83	476.13
6282.000	12.00	587.70	584.20	574.90	1680.00	585.16	0.00	585.63	11.03	5.46	306.47	505.91
6282.000	12.00	587.70	584.20	574.90	1820.00	585.28	0.00	585.82	12.46	5.87	310.04	515.10
6282.000	12.00	587.70	584.20	574.90	2230.00	585.66	0.00	586.41	16.73	6.94	321.53	545.21
6332.000	50.00	0.00	0.00	575.00	1240.00	585.67	0.00	585.73	2.00	2.44	763.29	875.96
6332.000	50.00	0.00	0.00	575.00	1680.00	585.97	0.00	585.77	2.98	3.10	817.65	973.66
6332.000	50.00	0.00	0.00	575.00	1820.00	[illegible]	0.00	585.97	3.27	3.29	834.57	1006.57
6332.000	50.00	0.00	0.00	575.00	2230.00	586.46	0.00	586.65	4.02	3.78	860.16	1112.83
6918.000	586.00	0.00	0.00	573.66	1240.00	585.18	0.00	585.19	0.54	1.47	2192.24	1593.30
6928.000	590.00	0.00	0.00	573.66	1680.00	585.85	0.00	585.85	0.59	1.73	2532.75	2022.93
6928.000	590.00	0.00	0.00	573.66	1820.00	586.04	0.00	586.06	0.75	1.82	2646.16	2136.35
6928.000	590.00	0.00	0.00	573.66	2230.00	586.70	0.00	586.75	0.79	1.95	3033.59	2514.34
7992.000	1064.00	0.00	0.00	575.08	1240.00	585.22	0.00	585.23	0.23	0.95	2213.61	2596.71
7992.000	1064.00	0.00	0.00	575.08	1680.00	585.89	0.00	585.90	0.30	1.14	2542.69	3047.30
7992.000	1064.00	0.00	0.00	575.08	1820.00	586.10	0.00	586.11	0.32	1.19	2630.67	3230.75
7992.000	1064.00	0.00	0.00	575.08	2230.00	586.77	0.00	586.78	0.36	1.32	2867.96	3695.42

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOKAS	VCH	AREA	.01K
8164.000	172.00	0.00	0.00	575.08	1240.00	585.21	0.00	585.26	1.54	2.26	795.51	998.42
8164.000	172.00	0.00	0.00	575.08	1680.00	585.87	0.00	585.94	1.84	2.59	1012.21	1237.24
8164.000	172.00	0.00	0.00	575.08	1820.00	586.08	0.00	586.15	1.88	2.65	1089.10	1328.44
8164.000	172.00	0.00	0.00	575.08	2230.00	586.75	0.00	586.83	1.83	2.73	1331.06	1650.23
8220.000	56.00	584.30	582.96	575.20	1240.00	585.33	0.00	585.34	1.13	1.94	975.97	1166.37
8220.000	56.00	584.30	582.96	575.20	1680.00	585.97	0.00	586.02	1.30	2.16	1219.86	1471.80
8220.000	56.00	584.30	582.96	575.20	1820.00	586.18	0.00	586.24	1.33	2.24	1296.24	1577.83
8220.000	56.00	584.30	582.96	575.20	2230.00	586.85	0.00	586.90	1.32	2.33	1535.30	1939.19
8270.000	50.00	0.00	0.00	575.20	1240.00	585.30	0.00	585.35	1.23	2.02	1074.56	1119.95
8270.000	50.00	0.00	0.00	575.20	1680.00	585.98	0.00	586.03	1.38	2.25	1397.84	1429.53
8270.000	50.00	0.00	0.00	575.20	1820.00	586.19	0.00	586.24	1.40	2.30	1499.03	1538.26
8270.000	50.00	0.00	0.00	575.20	2230.00	586.86	0.00	586.91	1.36	2.37	1815.48	1911.50
9426.000	1156.00	0.00	0.00	574.95	1240.00	585.44	0.00	585.48	1.09	1.91	1016.52	1186.36
9426.000	1156.00	0.00	0.00	574.95	1680.00	586.14	0.00	586.19	1.42	2.29	1149.28	1408.56
9426.000	1156.00	0.00	0.00	574.95	1820.00	586.36	0.00	586.41	1.51	2.39	1190.19	1480.57
9426.000	1156.00	0.00	0.00	574.95	2230.00	587.02	0.00	587.09	1.70	2.65	1316.41	1712.60
10844.000	1418.00	0.00	0.00	576.55	1240.00	585.59	0.00	585.63	0.96	1.60	909.57	1267.38
10844.000	1418.00	0.00	0.00	576.55	1680.00	586.33	0.00	586.38	1.24	2.16	1059.23	1506.26
10844.000	1418.00	0.00	0.00	576.55	1820.00	586.55	0.00	586.61	1.32	2.26	1104.15	1585.64
10844.000	1418.00	0.00	0.00	576.55	2230.00	587.24	0.00	587.32	1.48	2.50	1240.48	1833.70
10994.000	150.00	0.00	0.00	576.55	1240.00	585.60	0.00	585.64	1.27	1.81	912.68	1181.52
10994.000	150.00	0.00	0.00	576.55	1680.00	586.35	0.00	586.41	1.55	2.13	1061.62	1387.69
10994.000	150.00	0.00	0.00	576.55	1820.00	586.57	0.00	586.64	1.75	2.25	1107.18	1375.03
10994.000	150.00	0.00	0.00	576.55	2250.00	587.26	0.00	587.34	1.97	2.53	1245.26	1590.69
11078.000	84.00	586.10	584.25	576.55	1240.00	585.60	0.00	585.76	7.95	4.06	554.60	440.25
11078.000	84.00	586.10	584.25	576.55	1680.00	586.45	0.00	586.60	8.10	4.41	710.03	590.44
11078.000	84.00	586.10	584.25	576.55	1820.00	586.66	0.00	586.84	8.16	4.51	753.12	636.52
11078.000	84.00	586.10	584.25	576.55	2230.00	587.29	0.00	587.48	8.35	4.77	870.96	771.53
11146.000	70.00	0.00	0.00	576.55	1220.00	585.67	0.00	585.82	7.29	3.94	567.72	451.76
11146.000	70.00	0.00	0.00	576.55	1660.00	586.30	0.00	586.46	7.56	4.25	722.63	603.72
11146.000	70.00	0.00	0.00	576.55	1800.00	586.75	0.00	586.89	7.66	4.34	785.85	656.49
11146.000	70.00	0.00	0.00	576.55	2200.00	587.36	0.00	587.54	7.81	4.69	964.41	787.28
12404.000	1256.00	0.00	0.00	574.92	1220.00	586.14	0.00	586.18	1.31	1.98	1332.44	1064.26
12404.000	1256.00	0.00	0.00	574.92	1660.00	587.00	0.00	587.04	1.40	2.17	1609.78	1401.02
12404.000	1256.00	0.00	0.00	574.92	1800.00	587.25	0.00	587.29	1.43	2.22	1799.15	1506.64
12404.000	1256.00	0.00	0.00	574.92	2200.00	587.90	0.00	587.94	1.46	2.33	2110.47	1821.96
12414.000	10.00	591.31	577.92	574.92	1220.00	586.22	0.00	586.23	1.27	1.55	1354.50	1084.78
12414.000	10.00	591.31	577.92	574.92	1650.20	587.07	0.00	587.10	1.39	2.15	1719.40	1429.53
12414.000	10.00	591.31	577.92	574.92	1800.00	587.31	0.00	587.35	1.37	2.26	1851.27	1557.68
* 12414.000	10.00	591.31	577.92	574.92	2230.30	587.97	0.00	588.01	1.40	2.29	2151.47	1862.20
13397.000	991.00	0.00	0.00	573.04	1220.00	585.32	0.00	586.35	0.69	1.44	2200.67	1476.51
13397.000	991.00	0.00	0.00	573.04	1660.00	587.19	0.00	587.20	0.72	1.57	2655.69	1960.89
13397.000	991.00	0.00	0.00	573.04	1800.00	587.44	0.00	587.45	0.73	1.61	2785.09	2109.98
13397.000	991.00	0.00	0.00	573.04	2200.00	588.10	0.00	588.11	0.74	1.72	3127.07	2532.64

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
13597.000	200.00	0.00	0.00	578.04	1220.00	586.33	0.00	586.34	0.71	1.28	2206.52	1444.12
13597.000	200.00	0.00	0.00	578.04	1660.00	587.21	0.00	587.22	0.74	1.40	2663.82	1952.02
13597.000	200.00	0.00	0.00	578.04	1800.00	587.46	0.00	587.47	0.75	1.43	2791.83	2079.67
13597.000	200.00	0.00	0.00	578.04	2200.00	588.12	0.00	588.13	0.78	1.52	3135.46	2498.80
13653.000	56.00	584.07	584.94	578.10	1220.00	586.24	0.00	586.45	34.74	4.96	519.90	206.98
13653.000	56.00	584.07	584.94	578.10	1660.00	587.16	0.00	587.30	30.97	4.68	801.06	296.30
13653.000	56.00	584.07	584.94	578.10	1800.00	587.41	0.00	587.54	29.15	4.54	884.27	333.48
13653.000	56.00	584.07	584.94	578.10	2200.00	588.09	0.00	588.18	22.47	3.99	1156.58	464.09
13703.000	50.00	0.00	0.00	578.10	1220.00	586.47	0.00	586.49	1.66	2.25	1502.34	945.96
13703.000	50.00	0.00	0.00	578.10	1660.00	587.31	0.00	587.33	1.48	2.27	1971.29	1364.07
13703.000	50.00	0.00	0.00	578.10	1800.00	587.54	0.00	587.57	1.45	2.28	2103.23	1495.08
13703.000	50.00	0.00	0.00	578.10	2200.00	588.18	0.00	588.20	1.37	2.32	2459.24	1876.32
15365.000	1662.00	0.00	0.00	577.98	1220.00	586.68	0.00	586.69	0.85	1.57	2306.01	1319.66
15365.000	1662.00	0.00	0.00	577.98	1660.00	587.49	0.00	587.50	0.72	1.54	3063.59	1957.76
15365.000	1662.00	0.00	0.00	577.98	1800.00	587.72	0.00	587.73	0.69	1.53	3281.96	2162.48
15365.000	1662.00	0.00	0.00	577.98	2200.00	588.35	0.00	588.35	0.63	1.53	3877.20	2763.13
15374.000	9.00	0.00	0.00	577.80	1220.00	586.67	0.00	586.69	1.10	1.91	1795.20	1165.06
15374.000	9.00	0.00	0.00	577.80	1660.00	587.48	0.00	587.50	1.02	1.95	2340.81	1642.20
15374.000	9.00	0.00	0.00	577.80	1800.00	587.71	0.00	587.73	1.00	1.96	2506.75	1796.55
15374.000	9.00	0.00	0.00	577.80	2200.00	588.34	0.00	588.36	0.95	1.99	2962.18	2256.81
15534.000	160.00	0.00	0.00	578.00	1220.00	586.70	0.00	586.71	0.73	1.53	2189.30	1450.60
15534.000	160.00	0.00	0.00	578.00	1660.00	587.51	0.00	587.52	0.67	1.56	2935.36	2023.69
15534.000	160.00	0.00	0.00	578.00	1800.00	587.74	0.00	587.75	0.66	1.57	3160.79	2219.26
15534.000	160.00	0.00	0.00	578.00	2200.00	588.36	0.00	588.37	0.62	1.58	3773.48	2801.62
15584.000	50.00	0.00	0.00	578.00	1220.00	586.70	0.00	586.71	0.72	1.52	2179.77	1438.38
15584.000	50.00	0.00	0.00	578.00	1660.00	587.51	0.00	587.52	0.67	1.56	2947.03	2033.57
15584.000	50.00	0.00	0.00	578.00	1800.00	587.74	0.00	587.75	0.65	1.56	3172.50	2229.70
15584.000	50.00	0.00	0.00	578.00	2200.00	588.36	0.00	588.37	0.61	1.58	3744.77	2813.04
15634.000	50.00	0.00	0.00	578.00	1220.00	586.70	0.00	586.71	0.72	1.52	2182.06	1440.10
15634.000	50.00	0.00	0.00	578.00	1660.00	587.51	0.00	587.52	0.66	1.55	2949.67	2035.79
15634.000	50.00	0.00	0.00	578.00	1800.00	587.74	0.00	587.75	0.65	1.56	3174.80	2231.63
15634.000	50.00	0.00	0.00	578.00	2200.00	588.37	0.00	588.38	0.61	1.58	3747.41	2815.72
15690.000	256.00	0.00	0.00	578.30	1220.00	586.72	0.00	586.74	0.87	1.64	2042.43	1307.55
15690.000	256.00	0.00	0.00	578.30	1660.00	587.55	0.00	587.56	0.80	1.67	2795.88	1860.33
15690.000	256.00	0.00	0.00	578.30	1800.00	587.76	0.00	587.77	0.78	1.68	2919.42	2040.30
15690.000	256.00	0.00	0.00	578.30	2200.00	588.38	0.00	588.39	0.73	1.69	3478.01	2576.47
16085.000	191.00	0.00	0.00	577.63	1220.00	586.74	0.00	586.75	0.82	1.61	2093.92	1344.59
16085.000	191.00	0.00	0.00	577.63	1660.00	587.56	0.00	587.57	0.68	1.59	2845.46	2036.40
16085.000	191.00	0.00	0.00	577.63	1800.00	587.77	0.00	587.79	0.66	1.63	2876.06	2188.39
16085.000	191.00	0.00	0.00	577.63	2200.00	588.39	0.00	588.41	0.70	1.73	3040.28	2630.00
16255.000	150.00	0.00	0.00	577.63	1220.00	586.75	0.00	586.76	0.66	1.31	2130.87	1501.41
16255.000	150.00	0.00	0.00	577.63	1660.00	587.56	0.00	587.57	0.70	1.43	2551.65	1985.44
16255.000	150.00	0.00	0.00	577.63	1800.00	587.79	0.00	587.80	0.71	1.47	2654.16	2135.58
16255.000	150.00	0.00	0.00	577.63	2200.00	588.41	0.00	588.42	0.73	1.55	3034.47	2570.91

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TUK*S	VCH	AREA	.01K
16285.000	50.00	584.99	583.52	577.70	1220.00	586.82	0.00	586.83	1.12	1.62	2099.46	1154.62
16285.000	50.00	584.99	583.52	577.70	1660.00	587.61	0.00	587.62	0.92	1.57	2931.98	1730.23
16285.000	50.00	584.99	583.52	577.70	1800.00	587.84	0.00	587.85	0.88	1.55	3193.46	1922.68
16285.000	50.00	584.99	583.52	577.70	2200.00	588.46	0.00	588.47	0.76	1.51	3963.33	2510.89
16335.000	50.00	0.00	0.00	577.70	1220.00	586.81	0.00	586.84	1.50	2.15	2097.33	995.58
16335.000	50.00	0.00	0.00	577.70	1660.00	587.61	0.00	587.63	1.32	2.14	2930.33	1447.04
16335.000	50.00	0.00	0.00	577.70	1800.00	587.84	0.00	587.86	1.27	2.14	3192.03	1597.70
16335.000	50.00	0.00	0.00	577.70	2200.00	588.46	0.00	588.48	1.14	2.11	3956.69	2056.69

FRANK AND POET DRAIN

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKKS	TOPWID	XLCH
4617.000	1240.00	584.39	0.00	0.00	0.00	366.11	351.00
4617.000	1630.00	584.59	0.00	0.00	0.00	371.32	351.00
4617.000	1820.00	584.64	0.00	0.00	0.00	372.62	351.00
4617.000	2230.00	584.91	0.00	0.00	0.00	378.79	351.00
4797.000	1240.00	584.40	0.00	0.01	0.00	542.00	260.00
4797.000	1680.00	584.60	0.00	0.01	0.00	549.23	260.00
4797.000	1820.00	584.66	0.00	0.02	0.00	551.05	260.00
4797.000	2230.00	584.82	0.00	0.02	0.00	556.89	260.00
4848.000	1240.00	584.46	0.00	0.06	0.00	438.30	51.00
4848.000	1680.00	584.68	0.00	0.08	0.00	458.80	51.00
4848.000	1820.00	584.74	0.00	0.08	0.00	464.05	51.00
4848.000	2230.00	584.90	0.00	0.08	0.00	479.80	51.00
4919.000	1240.00	584.47	0.00	0.01	0.00	438.69	71.00
4919.000	1680.00	584.69	0.00	0.01	0.00	459.54	71.00
4919.000	1820.00	584.75	0.00	0.01	0.00	464.85	71.00
4919.000	2230.00	584.92	0.00	0.02	0.00	480.07	71.00
4990.000	1240.00	584.50	0.00	0.03	0.00	564.99	71.00
4990.000	1680.00	584.74	0.00	0.05	0.00	567.44	71.00
4990.000	1820.00	584.81	0.00	0.06	0.00	568.09	71.00
4990.000	2230.00	585.01	0.00	0.09	0.00	571.07	71.00
5041.000	1240.00	584.32	0.00	0.02	0.00	513.74	51.00
5041.000	1680.00	584.77	0.00	0.03	0.00	514.34	51.00
5041.000	1820.00	584.84	0.00	0.03	0.00	514.50	51.00
5041.000	2230.00	585.04	0.00	0.03	0.00	514.98	51.00
5261.000	1240.00	584.55	0.00	0.03	0.00	343.90	270.00
5261.000	1680.00	584.82	0.00	0.05	0.00	344.02	270.00
5261.000	1820.00	584.90	0.00	0.06	0.00	344.05	270.00
5261.000	2230.00	585.12	0.00	0.07	0.00	344.14	270.00
5525.000	1240.00	584.60	0.00	0.05	0.00	350.00	264.00
5525.000	1680.00	584.89	0.00	0.07	0.00	350.10	264.00
5525.000	1820.00	584.97	0.00	0.08	0.00	350.20	264.00
5525.000	2230.00	585.21	0.00	0.10	0.00	350.50	264.00
5649.000	1240.00	584.63	0.00	0.01	0.00	336.00	124.00
5649.000	1680.00	584.90	0.00	0.01	0.00	336.00	124.00
5649.000	1820.00	584.99	0.00	0.01	0.00	336.00	124.00
5649.000	2230.00	585.25	0.00	0.02	0.00	336.00	124.00
5681.000	1240.00	584.67	0.00	0.06	0.00	384.00	52.00
5681.000	1680.00	584.98	0.00	0.07	0.00	384.00	52.00
5681.000	1820.00	585.06	0.00	0.08	0.00	384.00	52.00
5681.000	2230.00	585.32	0.00	0.08	0.00	384.00	52.00
5800.000	1240.00	584.68	0.00	0.01	0.00	325.00	119.00
5800.000	1680.00	585.00	0.00	0.02	0.00	325.00	119.00
5800.000	1820.00	585.08	0.00	0.02	0.00	325.00	119.00
5800.000	2230.00	585.34	0.00	0.03	0.00	325.00	119.00

SECNO	D	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5938.000	1240.00	584.68	0.00	-0.00	0.00	303.00	138.00
5938.000	1680.00	584.99	0.00	-0.01	0.00	303.00	138.00
5938.000	1820.00	585.08	0.00	-0.01	0.00	303.00	138.00
5938.000	2230.00	585.33	0.00	-0.01	0.00	303.00	138.00
6022.000	1240.00	584.74	0.00	0.06	0.00	303.00	84.00
6022.000	1680.00	585.06	0.00	0.07	0.00	303.00	84.00
6022.000	1820.00	585.15	0.00	0.07	0.00	303.00	84.00
6022.000	2230.00	585.40	0.00	0.07	0.00	303.00	84.00
6100.000	1240.00	584.74	0.00	0.01	0.00	252.00	78.00
6100.000	1680.00	585.07	0.00	0.01	0.00	252.00	78.00
6100.000	1820.00	585.16	0.00	0.01	0.00	252.00	78.00
6100.000	2230.00	585.42	0.00	0.02	0.00	252.00	78.00
6270.000	1240.00	584.69	0.00	-0.05	0.00	34.00	194.00
6270.000	1680.00	584.97	0.00	-0.09	0.00	34.00	194.00
6270.000	1820.00	585.05	0.00	-0.11	0.00	34.00	194.00
6270.000	2230.00	585.25	0.00	-0.17	0.00	34.00	194.00
6282.000	1240.00	584.78	0.00	0.08	0.00	30.00	12.00
6282.000	1680.00	585.16	0.00	0.19	0.00	30.00	12.00
6282.000	1820.00	585.28	0.00	0.23	0.00	30.00	12.00
6282.000	2230.00	585.66	0.00	0.41	0.00	30.00	12.00
6332.000	1240.00	585.07	0.00	0.29	0.00	90.00	50.00
6332.000	1680.00	585.67	0.00	0.50	0.00	90.00	50.00
6332.000	1820.00	585.86	0.00	0.58	0.00	90.00	50.00
6332.000	2230.00	586.43	0.00	0.82	0.00	90.00	50.00
6928.000	1240.00	585.10	0.00	0.11	0.00	538.27	596.00
6928.000	1680.00	585.83	0.00	0.16	0.00	538.33	596.00
6928.000	1820.00	586.04	0.00	0.18	0.00	538.38	596.00
6928.000	2230.00	586.70	0.00	0.22	0.00	538.46	596.00
7992.000	1240.00	585.22	0.00	0.05	0.00	390.00	1064.00
7992.000	1680.00	585.89	0.00	0.06	0.00	390.00	1064.00
7992.000	1820.00	586.10	0.00	0.06	0.00	390.00	1064.00
7992.000	2230.00	586.77	0.00	0.07	0.00	390.00	1064.00
8164.000	1240.00	585.21	0.00	-0.02	0.00	307.40	172.00
8164.000	1680.00	585.87	0.00	-0.02	0.00	337.05	172.00
8164.000	1820.00	586.08	0.00	-0.02	0.00	360.00	172.00
8164.000	2230.00	586.75	0.00	-0.02	0.00	360.00	172.00
8220.000	1240.00	585.40	0.00	0.09	0.00	360.00	56.00
8220.000	1680.00	585.97	0.00	0.11	0.00	360.00	56.00
8220.000	1820.00	586.18	0.00	0.10	0.00	360.00	56.00
8220.000	2230.00	586.85	0.00	0.10	0.00	360.00	56.00
8270.000	1240.00	585.30	0.00	0.00	0.00	476.20	50.00
8270.000	1680.00	585.98	0.00	0.01	0.00	476.37	50.00
8270.000	1820.00	586.19	0.00	0.01	0.00	476.42	50.00
8270.000	2230.00	586.86	0.00	0.01	0.00	476.59	50.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
9426.000	1240.00	585.44	0.00	0.15	0.00	190.00	1156.00
9426.000	1680.00	586.14	0.00	0.17	0.00	190.00	1156.00
9426.000	1820.00	586.36	0.00	0.17	0.00	190.00	1156.00
9426.000	2230.00	587.02	0.00	0.17	0.00	190.00	1156.00
10844.000	1240.00	583.59	0.00	0.14	0.00	200.00	1416.00
10844.000	1680.00	586.33	0.00	0.16	0.00	200.00	1416.00
10844.000	1820.00	586.55	0.00	0.19	0.00	200.00	1416.00
10844.000	2230.00	587.24	0.00	0.22	0.00	200.00	1416.00
10994.000	1240.00	585.60	0.00	0.02	0.00	200.00	150.00
10994.000	1680.00	586.35	0.00	0.02	0.00	200.00	150.00
10994.000	1820.00	586.57	0.00	0.02	0.00	200.00	150.00
10994.000	2230.00	587.26	0.00	0.02	0.00	200.00	150.00
11078.000	1240.00	585.60	0.00	0.00	0.00	187.00	84.00
11078.000	1680.00	586.43	0.00	0.09	0.00	187.00	84.00
11078.000	1820.00	586.66	0.00	0.09	0.00	187.00	84.00
11078.000	2230.00	587.29	0.00	0.03	0.00	187.00	84.00
11148.000	1220.00	585.67	0.00	0.07	0.00	187.00	70.00
11148.000	1660.00	586.50	0.00	0.07	0.00	187.00	70.00
11148.000	1800.00	586.73	0.00	0.07	0.00	187.00	70.00
11148.000	2200.00	587.36	0.00	0.07	0.00	187.00	70.00
12404.000	1220.00	586.14	0.00	0.47	0.00	384.14	1256.00
12404.000	1660.00	587.00	0.00	0.50	0.00	445.33	1256.00
12404.000	1800.00	587.25	0.00	0.51	0.00	462.43	1256.00
12404.000	2200.00	587.97	0.00	0.55	0.00	500.95	1256.00
12414.000	1220.00	586.21	0.00	0.05	0.00	386.22	10.00
12414.000	1660.00	587.07	0.00	0.06	0.00	450.02	10.00
12414.000	1800.00	587.31	0.00	0.07	0.00	467.33	10.00
* 12414.000	2200.00	587.97	0.00	0.07	0.00	502.88	10.00
13397.000	1220.00	586.32	0.00	0.12	0.00	520.54	992.00
13397.000	1660.00	587.19	0.00	0.13	0.00	520.65	992.00
13397.000	1800.00	587.44	0.00	0.13	0.00	520.66	992.00
13397.000	2200.00	588.10	0.00	0.13	0.00	520.76	992.00
13597.000	1220.00	586.33	0.00	0.02	0.00	520.54	200.00
13597.000	1660.00	587.21	0.00	0.02	0.00	520.65	200.00
13597.000	1800.00	587.46	0.00	0.02	0.00	520.68	200.00
13597.000	2200.00	588.12	0.00	0.02	0.00	520.77	200.00
13653.000	1220.00	586.24	0.00	-0.05	0.00	546.31	56.00
13653.000	1660.00	587.16	0.00	-0.05	0.00	560.00	56.00
13653.000	1800.00	587.41	0.00	-0.05	0.00	560.00	56.00
13653.000	2200.00	588.09	0.00	-0.05	0.00	560.00	56.00
13703.000	1220.00	586.47	0.00	0.22	0.00	552.06	50.00
13703.000	1660.00	587.31	0.00	0.15	0.00	560.00	50.00
13703.000	1800.00	587.54	0.00	0.13	0.00	560.00	50.00
13703.000	2200.00	588.18	0.00	0.09	0.00	560.00	50.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
15365.000	1220.00	586.69	0.00	0.21	0.00	923.86	1662.00
15365.000	1660.00	587.49	0.00	0.18	0.00	943.18	1662.00
15365.000	1800.00	587.72	0.00	0.18	0.00	947.89	1662.00
15365.000	2200.00	588.35	0.00	0.17	0.00	960.60	1662.00
15374.000	1220.00	586.67	0.00	-0.01	0.00	643.63	9.00
15374.000	1660.00	587.48	0.00	-0.01	0.00	706.72	9.00
15374.000	1800.00	587.71	0.00	-0.01	0.00	731.77	9.00
15374.000	2200.00	588.34	0.00	-0.01	0.00	782.00	9.00
15534.000	1220.00	586.70	0.00	0.02	0.00	839.11	160.00
15534.000	1660.00	587.51	0.00	0.02	0.00	976.98	160.00
15534.000	1800.00	587.74	0.00	0.02	0.00	979.29	160.00
15534.000	2200.00	588.36	0.00	0.02	0.00	984.00	160.00
15584.000	1220.00	586.70	0.00	0.00	0.00	843.70	50.00
15584.000	1660.00	587.51	0.00	0.00	0.00	977.10	50.00
15584.000	1800.00	587.74	0.00	0.00	0.00	979.41	50.00
15584.000	2200.00	588.36	0.00	0.00	0.00	984.00	50.00
15634.000	1220.00	586.70	0.00	0.00	0.00	845.42	50.00
15634.000	1660.00	587.51	0.00	0.00	0.00	977.13	50.00
15634.000	1800.00	587.74	0.00	0.00	0.00	979.45	50.00
15634.000	2200.00	588.37	0.00	0.00	0.00	984.00	50.00
15890.000	1220.00	586.72	0.00	0.02	0.00	824.23	256.00
15890.000	1660.00	587.53	0.00	0.02	0.00	884.21	256.00
15890.000	1800.00	587.76	0.00	0.02	0.00	889.62	256.00
15890.000	2200.00	588.39	0.00	0.02	0.00	900.45	256.00
16085.000	1220.00	586.74	0.00	0.02	0.00	547.31	195.00
16085.000	1660.00	587.54	0.00	0.01	0.00	574.00	195.00
16085.000	1800.00	587.77	0.00	0.01	0.00	582.59	195.00
16085.000	2200.00	588.39	0.00	0.01	0.00	617.65	195.00
16235.000	1220.00	586.75	0.00	0.01	0.00	547.62	150.00
16235.000	1660.00	587.56	0.00	0.01	0.00	574.41	150.00
16235.000	1800.00	587.79	0.00	0.01	0.00	582.98	150.00
16235.000	2200.00	588.41	0.00	0.01	0.00	619.10	150.00
16285.000	1220.00	586.82	0.00	0.00	0.00	908.69	50.00
16285.000	1660.00	587.61	0.00	0.05	0.00	1126.54	50.00
16285.000	1800.00	587.84	0.00	0.05	0.00	1171.74	50.00
16285.000	2200.00	588.46	0.00	0.05	0.00	1295.69	50.00
16335.000	1220.00	586.81	0.00	-0.05	0.00	908.29	50.00
16335.000	1660.00	587.61	0.00	-0.05	0.00	1126.25	50.00
16335.000	1800.00	587.84	0.00	-0.05	0.00	1171.52	50.00
16335.000	2200.00	588.46	0.00	-0.05	0.00	1294.62	50.00

SUMMARY OF ERRORS

CAUTION SECNO=12414.000 PROFILE= 4 HYDRAULIC JUMP D.S.

FLOOD INSURANCE ZONE DATA FOR FRANK AND POET DRAIN

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10%	2%	0.2%
4617.000	0.	-0.3	-0.0	0.2
4797.000	260.	-0.3	-0.1	0.2
4848.000	311.	-0.3	-0.1	0.2
4919.000	382.	-0.3	-0.1	0.2
4990.000	453.	-0.3	-0.1	0.2
5041.000	504.	-0.3	-0.1	0.2
5261.000	774.	-0.3	-0.1	0.2
5525.000	1039.	-0.4	-0.1	0.2
5649.000	1162.	-0.6	-0.1	0.2
5681.000	1194.	-0.6	-0.1	0.3
5800.000	1313.	-0.4	-0.1	0.3
5930.000	1451.	-0.4	-0.1	0.3
6022.000	1535.	-0.4	-0.1	0.3
6100.000	1613.	-0.4	-0.1	0.3
6270.000	1807.	-0.4	-0.1	0.2
6282.000	1819.	-0.5	-0.1	0.4
6332.000	1869.	-0.8	-0.2	0.6
6928.000	2465.	-0.9	-0.2	0.7
7992.000	3529.	-0.9	-0.2	0.7
8164.000	3701.	-0.9	-0.2	0.7
8220.000	3757.	-0.9	-0.2	0.7
8270.000	3807.	-0.9	-0.2	0.7
9426.000	4963.	-0.9	-0.2	0.7
10644.000	6181.	-1.0	-0.2	0.7
10994.000	6531.	-1.0	-0.2	0.7
11078.000	6615.	-1.1	-0.2	0.6
11146.000	6685.	-1.1	-0.2	0.5
12404.000	7941.	-1.1	-0.2	0.7
12414.000	7951.	-1.1	-0.2	0.7
13397.000	8943.	-1.1	-0.2	0.7
13597.000	9143.	-1.1	-0.2	0.7
13653.000	9199.	-1.2	-0.3	0.7
13703.000	9249.	-1.1	-0.2	0.5
15365.000	10911.	-1.0	-0.2	0.6
15374.000	10920.	-1.0	-0.2	0.5
15524.000	11070.	-1.0	-0.2	0.5
15574.000	11120.	-1.0	-0.2	0.5
15624.000	11170.	-1.0	-0.2	0.5
15893.000	11439.	-1.0	-0.2	0.5
16085.000	11631.	-1.0	-0.2	0.6
16235.000	11781.	-1.0	-0.2	0.6
16245.000	11791.	-1.0	-0.2	0.5
16335.000	11881.	-1.0	-0.2	0.6
WEIGHTED AVG FOR REACH		-0.9	-0.2	0.6

RHF FOR THE REACH = 0.0 WITH 83.2% OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

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*****************************************************************
*                                                               *
*                  E R R O R   S U M M A R Y                    *
*                                                               *
*                                                               *
*      0  ERROR(S) DETECTED BY THE USER PROGRAM                 *
*      0  ERROR(S) DETECTED BY THE MATHEMATICAL PACKAGE         *
*      0  ERROR(S) DETECTED FOR INPUT/OUPUT STATEMENTS          *
*                                                               *
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 PER Q=      20.4      10.3      10.0       2.7      30.1       4.6       5.5      11.1       [illegible]
  AREA=     719.9     436.3     417.2     119.3     214.7     189.5     195.8     442.6     256.3
   VEL=       0.5       0.4       0.4       0.4       0.6       0.4       0.5       0.5       0.4

*SECNO 4266.000
 2800 NAT Q1=   2632.07  WSEL=    584.65  ENC Q1=   2632.07  WSEL=    584.75  RATIO=  0.0000
 NAT Q1=   2692.  RATIOS LOB,CH,ROB=  0.6471  0.1849  0.1480  WSEL=    584.75
  SECNO     DEPTH     CWSEL     CRIWS     WSELK     FQ        NV        NL        NLOSS     BANK ELEV
  Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA       LEFT/RIGHT
  TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN     SSTA
  SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IN2       ICONT     CORAR     TOPWID    ENDST

3470 ENCROACHMENT STATIONS=      89.7     586.5  TYPE=     4  TARGET=      0.022

        SECTION SAME AS 11994

  4266.00     12.48    584.75      0.00    584.65    584.75      0.01      0.06      0.00    575.52
    1520.     1184.     344.      292.     2224.      242.      854.      344.       69.    574.87
     1.74      0.53      1.42      0.36     0.080     0.035     0.000     0.039    572.27     89.72
 0.000048      745.      745.      745.         1         0         0      0.00    496.85    586.57

FLOW DISTRIBUTION FOR SECNO=   4266.00          CWSEL=    584.75

STA=      90.      178.      394.      323.      335.      362.      364.      386.      418.      478.      515.      580.      587.
  PER Q=      12.8      40.0       3.9       3.3       4.6       0.4      16.9       3.4       5.5       2.2       3.6       0.1
  AREA=     532.0    1250.4     131.5     110.0     174.9      16.6     242.1     167.6     280.4     166.0     227.7      12.2
   VEL=       0.4       0.4       0.3       0.5       0.5       0.4       1.4       0.4       0.4       0.4       0.3       0.2

CONV=   0.100 CENV=   0.300
*SECNO 4617.000
 2800 NAT Q1=   2174.72  WSEL=    584.65  ENC Q1=   2174.72  WSEL=    584.75  RATIO=  0.0000
 NAT Q1=   2219.  RATIOS LOB,CH,ROB=  0.2580  0.6243  0.1177  WSEL=    584.75

5265 DIVIDED FLOW

3470 ENCROACH BNY STATIONS=      83.4     410.1  TYPE=     4  TARGET=      0.020

        STOPPED AT HOUSE LINE          BASED ON FIELD NOTES & QUAD MAP

  4617.00     12.29    584.75      0.00    584.65    584.75      0.04      0.02      0.01    572.50
    1820.      660.     1132.      201.      247.      613.      401.      365.       71.    572.50
     1.81      0.49      1.49      0.53     0.080     0.025     0.003     0.031    572.46     53.43
 0.000070      351.      351.      351.         2         0         0      0.00    292.59    410.10

FLOW DISTRIBUTION FOR SECNO=   4617.00          CWSEL=    584.75

STA=      83.      120.      160.      240.      250.      260.      310.      340.      350.      351.      360.      410.
  PER Q=       2.7       4.3      12.6       2.2       3.5      63.7       3.3       2.0       2.0       0.0       5.7
  AREA=     136.4     133.8     459.7      72.0      97.5     613.5      95.0      66.5       3.2       2.3     233.5
   VEL=       0.4       0.4       0.5       0.6       0.7       1.9       0.6       0.5       0.1       0.1       0.4
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*****************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
  ERROR CORR -  01
  MODIFICATION -  50,51,52
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FRANK 3 POET -TRENTON

SUMMARY PRINTOUT

CWSEL	.01K	PERENC	TOPWID	STENCL	STENCR	WSELK
582.720	4136.34	614.00	614.00	100.00	714.00	582.72
582.320	4231.32	614.00	614.00	100.00	714.00	582.72
582.719	1677.04	680.00	680.00	0.00	680.00	0.00
582.819	1745.28	680.00	680.00	0.00	680.00	582.72
582.721	4470.67	680.00	680.00	0.00	680.00	0.00
582.821	4674.52	680.00	680.00	0.00	680.00	582.72
582.721	4477.57	680.00	680.00	0.00	680.00	0.00
582.821	4681.04	680.00	680.00	0.00	680.00	582.72
582.721	2152.27	680.00	680.00	0.00	680.00	0.00
582.821	2241.69	680.00	680.00	0.00	680.00	582.72
582.718	1424.94	0.00	1000.00	0.00	0.00	0.00
582.818	1429.07	0.04	926.36	43.77	970.13	582.72
582.904	2038.51	0.00	821.82	0.00	0.00	0.00
583.002	2042.64	0.03	597.68	253.95	851.63	582.90
582.969	2020.61	0.00	924.86	0.00	0.00	0.00
583.068	2015.63	0.03	745.92	398.98	1144.90	582.97
583.013	2012.69	0.00	864.63	0.00	0.00	0.00
583.111	2011.81	0.03	657.55	288.40	945.95	583.01
583.028	3517.39	0.00	1542.29	0.00	0.00	0.00
583.127	3514.19	0.04	1298.70	199.44	1498.23	583.03
584.572	2052.33	0.00	1486.69	0.00	0.00	0.00
584.671	2057.41	0.04	944.45	362.15	1306.60	584.57
584.580	6480.65	0.00	1359.53	0.00	0.00	0.00
584.680	6471.43	0.02	1027.79	134.45	1162.24	584.5[illegible]

PRINTED IN U.S.A.
FORM 1411-GB-PRINTED BY ROTARY MANIFOLD FORMS.

584.569	1806.44	0.00	1270.26	0.00	0.00	0.00
584.668	1812.57	0.04	1048.90	111.51	1160.41	584.57

PRINTED IN U.S.A.
FORM 1411-GR PRINTED BY ROTARY MANIFOLD FORMS.

CASEL	.01K	PERENC	TOCOLD	STENCL	STENCR	ESELF
584.564	1555.44	0.00	1148.80	0.00	0.00	0.00
584.663	1560.57	0.04	889.96	79.01	968.96	584.56
584.646	2632.07	0.00	755.33	0.00	0.00	0.00
584.746	2627.39	0.02	496.85	89.72	586.57	584.65
584.648	2174.72	0.00	372.80	0.00	0.00	0.00
584.746	2175.00	0.02	292.59	83.43	410.10	584.65

PRINTED IN U.S.A.
FORM 1411-GD PRINTED BY ROTARY MANIFOLD FORMS.

FRANK E POET -TRENTON

SUMMARY PRINTOUT TABLE 110

SECNO	CHSEL	DIFKUS	EC	TOPHID	QLOF	QCR	QPOB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	582.72	0.00	582.72	614.00	569.56	122.19	406.25	614.00	100.00	435.00	460.00	714.00
0.000	582.82	0.10	582.82	614.00	569.83	121.47	408.70	614.00	100.00	435.00	460.00	714.00
1.000	582.72	0.00	582.72	680.00	475.25	232.80	396.95	680.00	C.00	410.00	432.00	680.00
1.000	582.82	0.10	582.82	680.00	480.18	227.29	397.53	680.00	0.00	410.00	432.00	680.00
2.000	582.72	0.00	582.72	680.00	534.36	74.64	496.00	680.00	0.00	410.00	432.00	680.00
2.000	582.82	0.10	582.82	680.00	537.38	73.22	494.40	680.00	C.00	410.00	432.00	680.00
3.000	582.72	0.00	582.72	680.00	534.47	74.59	495.94	680.00	0.00	410.00	432.00	680.00
3.000	582.82	0.10	582.82	680.00	537.48	73.17	494.35	680.00	0.00	410.00	432.00	680.00
4.000	582.72	0.00	582.72	680.00	494.00	198.43	412.57	680.00	0.00	410.00	432.00	680.00
4.000	582.82	0.10	582.82	680.00	498.64	193.57	412.79	680.00	C.00	410.00	432.00	680.00
291.000	582.72	0.00	582.73	1000.00	465.98	399.27	974.75	0.00	0.00	410.00	432.00	0.00
291.000	582.82	0.10	582.83	926.36	453.61	404.75	961.64	0.04	43.77	410.00	432.00	970.13
1939.000	582.92	0.00	582.92	821.82	737.29	479.71	623.00	0.00	0.00	613.00	637.00	0.00
1939.000	583.00	0.10	583.02	597.68	736.27	486.05	617.68	0.03	253.95	613.00	637.00	851.63
2659.000	582.97	0.00	582.98	924.86	771.24	320.59	748.17	0.00	0.00	888.00	912.00	0.00
2659.000	583.07	0.10	583.08	745.92	770.94	326.71	742.35	0.03	398.93	888.00	912.00	1144.90
3189.000	583.01	0.00	583.02	864.63	1014.05	560.61	465.36	0.00	0.00	688.00	714.00	0.00
3189.000	583.11	0.10	583.12	657.55	1016.67	567.13	456.20	0.03	288.40	688.00	714.00	945.95
3369.000	583.03	0.00	583.03	1542.29	1212.26	152.56	465.08	0.00	0.00	738.00	764.00	0.00
3369.000	583.13	0.10	583.15	1290.78	1215.45	165.56	458.58	0.04	199.46	738.00	764.00	1498.23
3603.000	584.57	0.00	584.58	1436.69	327.91	300.91	1211.21	0.00	0.00	791.00	812.00	0.00
3603.000	584.67	0.10	584.68	944.45	317.11	304.80	1218.09	0.04	362.15	791.00	812.00	1306.60
3443.000	584.58	0.00	584.59	1359.53	808.07	439.63	572.90	0.00	0.00	670.00	730.00	0.00
3443.000	584.68	0.10	584.69	1027.79	805.65	445.78	566.18	0.02	134.45	670.00	730.00	1162.24
3485.000	584.57	0.00	584.59	1270.26	712.12	419.57	605.32	0.00	0.00	642.00	658.00	0.00
3485.000	584.67	0.10	584.69	1048.90	709.99	424.09	665.93	0.04	111.51	642.00	658.00	1160.41
3521.000	584.56	0.00	584.60	1148.60	796.57	541.57	461.86	0.00	0.00	591.00	609.00	0.00
3521.000	584.66	0.10	584.70	889.96	797.96	547.54	474.52	0.04	79.01	591.00	609.00	968.96
4266.000	584.69	0.00	584.69	755.89	1181.04	330.30	269.65	0.00	0.00	364.00	386.00	0.00
4266.000	584.75	0.10	584.75	496.85	1184.12	344.36	291.53	0.02	89.72	364.00	386.00	586.57
4617.000	584.69	0.00	584.69	372.80	463.65	1143.57	212.78	0.00	0.00	290.00	310.00	0.00
4617.000	584.79	0.10	584.79	292.59	468.45	1150.09	200.56	0.02	43.43	290.00	310.00	410.10

PRINTED IN U.S.A.
FORM 1411-GB-PRINTED BY ROYARY MANIFOLD FORMS.

FRANK G POET -TRENTON

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTOD	ELLC	ELMIN	C	CHSEL	CHUS	EG	TOK*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	570.73	1100.00	582.72	0.00	582.72	0.07	0.50	4344.21	4136.34
0.000	0.00	0.00	0.00	570.73	1100.00	582.82	0.00	582.82	0.07	0.49	4405.67	4231.82
1.000	32.00	0.00	0.00	572.13	1105.00	582.72	0.00	582.72	0.43	1.02	2536.59	1677.04
1.000	32.00	0.00	0.00	572.13	1105.00	582.82	0.00	582.82	0.40	0.98	2604.66	1745.28
2.000	1.00	578.73	576.13	572.13	1105.00	582.72	0.00	582.72	0.06	0.52	2450.23	4470.67
2.000	1.00	578.73	576.13	572.13	1105.00	582.82	0.00	582.82	0.06	0.50	2518.30	4674.52
3.000	38.00	578.73	576.13	572.13	1105.00	582.72	0.00	582.72	0.06	0.52	2452.55	4477.57
3.000	38.00	578.73	576.13	572.13	1105.00	582.82	0.00	582.82	0.06	0.50	2520.45	4681.04
4.000	1.00	0.00	0.00	572.13	1105.00	582.72	0.00	582.72	0.26	0.87	2537.26	2152.27
4.000	1.00	0.00	0.00	572.13	1105.00	582.32	0.00	582.92	0.24	0.84	2605.16	2241.69
291.000	50.00	0.00	0.00	572.13	1840.00	582.72	0.00	582.73	1.67	1.74	3664.78	1424.94
291.000	50.00	0.00	0.00	572.13	1840.00	582.82	0.00	582.83	1.66	1.75	3565.41	1429.07
1939.000	1648.00	0.00	0.00	571.27	1840.00	582.90	0.00	582.92	0.81	1.72	3903.56	2038.51
1939.000	1648.00	0.00	0.00	571.27	1840.00	583.00	0.00	583.02	0.81	1.73	3670.45	2042.64
2659.000	720.00	0.00	0.00	573.42	1840.00	582.97	0.00	582.98	0.83	1.47	4266.91	2020.61
2659.000	720.00	0.00	0.00	573.42	1840.00	583.07	0.00	583.08	0.83	1.48	4061.04	2015.63
3189.000	530.00	0.00	0.00	573.50	1840.00	583.01	0.00	583.02	0.84	1.90	4154.68	2012.69
3189.000	530.00	0.00	0.00	573.50	1840.00	583.11	0.00	583.12	0.84	1.51	3919.59	2011.81
3389.000	200.00	0.00	0.00	574.95	1840.00	583.03	0.00	583.03	0.27	0.78	5303.80	3517.39
3389.000	200.00	0.00	0.00	574.95	1840.00	583.13	0.00	583.13	0.27	0.79	5054.02	3514.19
3403.000	14.00	584.20	580.65	574.95	1840.00	584.57	0.00	584.58	0.80	1.50	3670.51	2062.33
3403.000	14.00	999999.00	0.00	574.95	1840.00	584.67	0.00	584.68	0.79	1.50	3191.02	2067.41
3443.000	40.00	0.00	0.00	572.50	1820.00	584.50	0.00	584.58	0.08	0.62	8158.96	6480.65
3445.000	40.00	0.00	0.00	572.50	1820.00	584.60	0.00	584.60	0.08	0.62	7673.91	6471.43
3433.000	40.00	0.00	0.00	572.50	1820.00	584.57	0.00	584.59	1.02	2.22	3826.31	1806.64
3433.000	40.00	0.00	0.00	572.50	1820.00	584.67	0.00	584.69	1.01	2.22	3580.33	1812.37
3521.000	30.00	0.00	0.00	572.02	1820.00	584.56	0.00	584.60	1.37	2.54	3165.53	1555.44
3521.000	30.00	0.00	0.00	572.02	1820.00	584.66	0.00	584.70	1.36	2.55	2953.15	1560.57
4266.000	745.00	0.00	0.00	572.27	1820.00	584.65	0.00	584.65	0.48	1.41	3563.16	2632.07
4266.000	745.00	0.00	0.00	572.27	1820.00	584.75	0.00	584.75	0.48	1.42	3319.55	2627.35
4617.000	351.00	0.00	0.00	572.46	1820.00	584.65	0.00	584.68	0.70	1.88	2066.16	2174.72
4617.000	351.00	0.00	0.00	572.46	1820.00	584.75	0.00	584.78	0.70	1.89	1961.55	2175.00

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FORM 1411-CD-PRINTED BY ROYARY MANIFOLD FORMS.

FRANK & POET -TRENTON

SUMMARY PRINTOUT TABLE 150

SECTO	H	CASEL	DIFUSP	DIFUCK	DIFKUS	TOPKED	XLOM
0.000	1100.00	582.72	0.00	0.00	0.00	614.00	0.00
0.000	1100.00	582.82	0.00	0.00	0.10	614.00	0.00
1.000	1105.00	582.72	0.00	-0.00	0.00	680.00	32.00
1.000	1105.00	582.82	0.00	-0.00	0.10	680.00	32.00
2.000	1105.00	582.72	0.00	0.00	0.00	680.00	1.00
2.000	1105.00	582.82	0.00	0.00	0.10	680.00	1.00
3.000	1105.00	582.72	0.00	0.00	0.00	680.00	36.00
3.000	1105.00	582.82	0.00	0.00	0.10	680.00	36.00
4.000	1105.00	582.72	0.00	-0.00	0.00	680.00	1.00
4.000	1105.00	582.82	0.00	-0.00	0.10	680.00	1.00
291.000	1840.00	582.72	0.00	-0.00	0.00	1009.00	50.00
291.000	1840.00	582.82	0.00	-0.00	0.10	924.36	50.00
1939.000	1840.00	582.90	0.00	0.19	0.00	621.82	1665.00
1939.000	1840.00	583.00	0.00	0.18	0.10	597.68	1665.00
2659.000	1840.00	582.97	0.00	0.07	0.00	924.36	725.00
2659.000	1840.00	583.07	0.00	0.07	0.10	745.99	725.00
3139.000	1840.00	583.01	0.00	0.04	0.00	664.61	530.00
3189.000	1840.00	583.11	0.00	0.04	0.10	657.55	530.00
3389.000	1840.00	583.03	0.00	0.02	0.00	1542.24	200.00
3389.000	1840.00	583.13	0.00	0.02	0.10	1296.70	200.00
3403.000	1840.00	584.57	0.00	1.54	0.00	1436.69	14.00
3403.000	1840.00	584.67	0.00	1.54	0.10	944.45	14.00
3443.000	1820.00	584.57	0.00	0.01	0.00	1359.54	40.00
3443.000	1820.00	584.67	0.00	0.01	0.10	1027.79	40.00
3483.000	1820.00	584.57	0.00	-0.01	0.00	1270.24	40.00
3483.000	1820.00	584.67	0.00	-0.01	0.10	1045.90	40.00
3521.000	1820.00	584.56	0.00	-0.00	0.00	1148.60	38.00
3521.000	1820.00	584.66	0.00	-0.00	0.10	869.96	38.00
4266.000	1820.00	584.65	0.00	0.00	0.00	755.00	745.00
4266.000	1820.00	584.75	0.00	0.00	0.10	496.89	745.00
4617.000	1820.00	584.65	1.00	0.00	0.00	372.90	351.00
4617.000	1820.00	584.75	0.00	0.00	0.10	292.59	351.00

PRINTED IN U.S.A.
FORM 1411-GE PRINTED BY ROTARY MANIFOLD FORMS.

FLOODWAY DATA, FRANK J. POET -TRENTON

PROFILE NO. 2

STATION	FLOODWAY WIDTH (FT)	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.000	614.	2406.	0.2	582.8	582.7	0.1
1.000	680.	2605.	0.4	582.8	582.7	0.1
2.000	680.	2516.	0.4	582.8	582.7	0.1
3.000	680.	2520.	0.4	582.8	582.7	0.1
4.000	680.	2605.	0.4	582.8	582.7	0.1
291.000	926.	3565.	0.5	582.8	582.7	0.1
1939.000	598.	3670.	0.5	583.0	582.9	0.1
2659.000	746.	4061.	0.5	583.1	583.0	0.1
3189.000	658.	3929.	0.5	583.1	583.0	0.1
3389.000	1279.	5054.	0.4	583.1	583.0	0.1
3403.000	944.	5191.	0.6	584.7	584.6	0.1
3443.000	1928.	7674.	0.2	584.7	584.6	0.1
3483.000	1049.	3580.	0.5	584.7	584.6	0.1
3521.000	890.	2953.	0.6	584.7	584.6	0.1
4266.000	497.	3320.	0.5	584.7	584.6	0.1
4617.000	293.	1960.	0.9	584.7	584.6	0.1

PRINTED IN U.S.A.
FORM 1411-OB PRINTED BY ROTARY MANIFOLD FORMS.

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**************************************************
   HECE RELEASE DATED NOV 76 UPDATED FEB 1977
   ERROR CODE - 01
   MODIFICATION - 50,51,52
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PRINTED IN U.S.A.
FORM 1431-9C PRINTED BY ROTARY MANIFOLD FORMS.

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*                                                               *
*                  E R R O R   S U M M A R Y                    *
*                                                               *
*                                                               *
*      0  ERROR(S) DETECTED BY THE USER PROGRAM                 *
*      0  ERROR(S) DETECTED BY THE MATHEMATICAL PACKAGE         *
*      0  ERROR(S) DETECTED FOR INPUT/OUPUT STATEMENTS          *
*                                                               *
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PRINTED IN U.S.A.
FORM 1411-GD PRINTED BY ROTARY MANIFOLD FORMS.

THIS RUN EXECUTED 2 MAR 84 11:49:41

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

C
T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 100 YEAR FREQUENCY FLOOD
T3 BROWNSTOWN CREEK WITHOUT ENCROACHMENTS

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	588.400	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.050	0.050	0.035	0.600	1.000	0.000	0.000	0.000	0.000	0.000
QT	2.000	710.000	710.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	44 FT DOWNSTREAM OF VREELAND RD									
X1	0.000	16.000	275.000	300.000	0.000	0.000	0.000	0.000	-1.000	0.000
GR	592.200	0.000	589.300	175.000	588.300	200.000	588.000	215.000	585.900	225.000
GR	586.200	250.000	586.100	275.000	581.700	287.000	581.600	291.000	581.500	296.000
GR	585.300	300.000	585.900	325.000	585.900	350.000	586.100	375.000	586.600	400.000
GR	591.600	900.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.013	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	1045.000	1165.000	0.000	0.000	0.000	0.000	0.000
	CULVERT AT VREELAND RD-SEC 1									
X1	44.000	15.000	1094.200	1105.800	44.000	44.000	44.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	588.200	588.200	0.000
GR	595.000	0.000	592.200	1.000	592.200	800.000	590.000	1000.000	589.590	1094.200
GR	584.000	1094.300	582.900	1094.600	580.800	1097.000	581.200	1100.000	580.500	1103.000
GR	582.900	1105.400	584.000	1105.700	589.540	1105.800	591.600	1700.000	595.000	4500.000
SB	0.000	1.760	2.600	0.000	11.600	0.000	54.000	0.000	580.500	580.500
X1	123.000	0.000	0.000	0.000	79.000	79.000	79.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	586.900	589.540	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	589.590	589.540	0.000
BT	-10.000	1000.000	590.000	0.000	1094.200	589.590	0.000	1094.300	589.590	584.000
BT	0.000	1094.600	589.590	585.100	1097.000	589.570	586.500	1100.000	589.560	586.900
BT	0.000	1103.000	589.550	586.500	1105.400	589.540	585.100	1105.700	589.540	584.000
BT	0.000	1105.800	589.540	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	1015.000	1150.000	1075.000	1150.000	0.000	0.000	0.000
	100 FT UPSTREAM OF VREELAND RD-SEC 2									
X1	183.000	19.000	1075.000	1100.000	60.000	60.000	60.000	0.000	0.000	0.000
GR	595.000	0.000	592.200	1.000	592.200	800.000	589.300	975.000	588.300	1000.000
GR	588.000	1015.000	585.900	1025.000	586.200	1050.000	586.100	1075.000	581.700	1087.000
GR	581.600	1091.000	581.500	1096.000	585.300	1100.000	585.900	1125.000	585.900	1150.000
GR	586.100	1175.000	586.600	1200.000	591.600	1700.000	595.000	4500.000	0.000	0.000
ET	0.000	4.100	6.100	400.000	1100.000	520.000	1100.000	0.000	0.000	0.000
	SECTION 3									
X1	2483.000	19.000	600.000	630.000	2300.000	2300.000	2300.000	0.000	0.000	0.000
GR	600.000	0.000	590.000	1.000	590.000	400.000	588.600	500.000	588.000	525.000
GR	587.100	550.000	586.600	575.000	587.000	600.000	583.700	606.000	583.400	612.000
GR	583.800	617.000	584.200	620.000	588.000	630.000	586.800	655.000	587.600	680.000
GR	588.000	705.000	587.600	730.000	590.000	1500.000	595.000	2500.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	1725.000	2425.000	1725.000	1850.000	0.000	0.000	0.000
	SECTION 4 DOWNSTREAM OF CONFLUENCE									
X1	3883.000	15.000	1750.000	1774.000	1400.000	1400.000	1400.000	0.000	0.000	0.000
GR	600.000	0.000	590.000	1.000	590.000	1050.000	588.400	1650.000	588.300	1675.000
GR	587.900	1700.000	588.400	1725.000	588.300	1750.000	584.900	1757.000	584.800	1761.000
GR	585.000	1764.000	588.300	1774.000	588.000	1787.000	593.500	2100.000	595.000	3100.000
QT	2.000	406.000	406.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	150.000	450.000	150.000	380.000	0.000	0.000	0.000
	FLOW CHANGE DUE TO BRANCH-SEC 5									
	50 FT DOWNSTREAM OF PLANT ACCESS ROAD									
X1	5233.000	17.000	300.000	326.000	1350.000	1350.000	1350.000	0.000	0.000	0.000
GR	595.000	0.000	592.200	1.000	590.600	200.000	590.400	225.000	590.300	250.000
GR	590.500	275.000	590.000	300.000	585.900	308.000	585.200	312.500	585.800	317.000
GR	590.000	326.000	591.400	351.000	591.820	371.000	592.150	376.000	592.420	401.000
GR	592.500	426.000	595.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.017	0.600	1.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	180.000	330.000	0.000	0.000	0.000	0.000	0.000
	CULVERT AT PLANT ACCESS RD-SEC 5									
X1	5283.000	12.000	292.000	308.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	590.300	590.300	0.000
GR	595.000	0.000	592.200	1.000	590.610	200.000	591.080	292.000	589.810	292.500
GR	584.700	293.000	585.100	300.000	585.300	307.000	589.960	307.500	591.390	308.000
GR	592.640	400.000	595.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	65.000	330.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.620	2.600	0.000	16.000	0.000	78.000	0.000	585.100	585.100
X1	5317.000	0.000	0.000	0.000	34.000	34.000	34.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	589.960	590.610	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	590.610	591.390	0.000
BT	-6.000	200.000	590.610	0.000	292.000	591.080	0.000	292.500	591.080	589.810
BT	0.000	300.000	591.240	589.950	307.500	591.390	589.960	308.000	591.390	0.000

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NC      0.000      0.000      0.035      0.000      0.000      0.000      0.000      0.000      0.000      0.000
ET      0.000      0.000      1.400      0.000      0.000      0.000      0.000      0.000      0.000      0.000
X1   5417.000      0.000      0.000      0.000    100.000    100.000    100.000      0.000      0.000      0.000

          50 FT DOWNSTREAM VAN HORN RD-SEC 6
X1   6255.000     15.000    100.000    123.000    838.000    838.000    838.000      0.000      0.000      0.000
GR    596.000      0.000    593.200      1.000    593.100     25.000    592.900     50.000    592.000     75.000
GR    589.900    100.000    587.100    105.000    586.500    111.000    587.200    116.000    590.300    123.000
GR    591.700    148.000    592.500    173.000    595.400    198.000    595.600    223.000    600.000    224.000

QT      2.000    286.000    286.000      0.000      0.000      0.000      0.000      0.000      0.000      0.000
NC      0.000      0.000      0.017      0.600      1.000      0.000      0.000      0.000      0.000      0.000
ET      0.000      0.000      4.110    100.000    111.500      0.000      0.000      0.000      0.000      0.000
          FLOW CHANGE DUE TO SEWER INFLOW
          BRIDGE AT VAN HORN RD AND RR TRACKS-SEC 7-8
X1   6305.000     15.000    100.000    111.500     50.000     50.000     50.000      0.000      0.000      0.000
X3     10.000      0.000      0.000      0.000      0.000      0.000      0.000    594.000    594.000      0.000
GR    598.000      0.000    592.400      1.000    592.900     25.000    593.600     50.000    594.700     75.000
GR    596.000    100.000    586.900    100.500    587.200    105.000    587.000    111.000    596.700    111.500
GR    597.570    135.000    597.860    160.000    597.940    185.000    597.960    220.000    597.750    260.000

SB      0.000      1.740      2.600      0.000     10.500      0.000     53.000      0.100    586.900    586.900
X1   6365.000      0.000      0.000      0.000     50.000     55.000     60.000      0.000      0.000      0.000
X2      0.000      0.000      1.000    591.610    596.000      0.000      0.000      0.000      0.000      0.000
X3     10.000      0.000      0.000      0.000      0.000      0.000      0.000    596.000    596.700      0.000
BT     -4.000    100.000    596.000    596.000    100.500    596.000    591.610    111.000    596.700    591.510
BT      0.000    111.500    596.700    596.700      0.000      0.000      0.000      0.000      0.000      0.000

ET      0.000      0.000      4.110     94.000    106.000      0.000      0.000      0.000      0.000      0.000
X1   6366.000      9.000     94.000    106.000      1.000      1.000      1.000      0.000      0.000      0.000
X3     10.000      0.000      0.000      0.000      0.000      0.000      0.000    595.000    595.000      0.000
GR    600.000      0.000    597.710      1.000    597.780     94.000    586.400     95.000    585.200    100.000
GR    584.700    105.000    597.790    106.000    598.000    200.000    600.000    201.000      0.000      0.000

SB      0.000      1.620      2.600      0.000     12.000      0.000     82.000      0.000    584.700    584.700
X1   6405.000      0.000      0.000      0.000     39.000     39.000     39.000      0.000      0.000      0.000
X2      0.000      0.000      1.000    591.620    597.780      0.000      0.000      0.000      0.000      0.000
X3     10.000      0.000      0.000      0.000      0.000      0.000      0.000    597.780    597.780      0.000
BT     -4.000     94.000    597.780    597.780     95.000    597.780    591.600    105.000    597.780    591.620
BT      0.000    106.000    597.790    597.790      0.000      0.000      0.000      0.000      0.000      0.000

NC      0.000      0.000      0.035      0.100      0.300      0.000      0.000      0.000      0.000      0.000
ET      0.000      0.000      1.400      0.000      0.000      0.000      0.000      0.000      0.000      0.000
X1   6417.000     15.000    100.000    123.000     12.000     12.000     12.000      0.000      0.000      0.000
X3      0.000      0.000      0.000     95.000      0.000    130.000      0.000      0.000      0.000      0.000
GR    600.000      0.000    593.200      1.000    593.100     25.000    592.900     50.000    592.000     75.000
GR    589.900    100.000    587.100    105.000    586.500    111.000    587.200    116.000    590.300    123.000
GR    591.700    148.000    592.500    173.000    595.400    198.000    595.600    223.000    600.000   1300.000
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GT	2.000	317.000	317.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	FLOW CHANGE AT CONFLUENCE WITH CLEE WEST-SEC 9									
X1	6967.000	17.000	100.000	123.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	600.000	0.000	592.900	1.000	592.300	25.000	591.900	50.000	591.600	75.000
GR	591.000	100.000	588.000	108.000	587.600	111.000	588.000	115.000	591.500	123.000
GR	590.500	148.000	591.000	173.000	591.300	198.000	591.600	223.000	595.200	323.000
GR	595.600	373.000	600.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.600	1.000	0.000	0.000	0.000	0.000	0.000
X1	7894.000	0.000	0.000	0.000	927.000	927.000	927.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	75.000	0.000	123.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	94.000	106.000	0.000	0.000	0.000	0.000	0.000
	BOX CULVERT AT I-75-SEC 10									
X1	7965.000	7.000	94.000	106.000	71.000	71.000	71.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	601.000	601.000	0.000
GR	604.510	0.000	606.140	94.000	588.630	95.000	588.100	100.000	588.700	105.000
GR	606.410	106.000	608.630	200.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.940	2.600	0.000	12.000	0.000	102.000	0.000	588.100	588.100
X1	8160.000	0.000	0.000	0.000	195.000	195.000	195.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	596.520	606.140	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	606.140	606.410	0.000
BT	-5.000	94.000	606.140	606.140	95.000	606.140	596.480	100.000	606.320	596.520
BT	0.000	105.000	608.630	596.470	106.000	606.410	606.410	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	2300.000	2365.000	0.000	0.000	0.000	0.000	0.000
X1	8240.000	17.000	2320.000	2339.000	80.000	80.000	80.000	0.000	0.000	0.000
GR	605.000	0.000	593.700	1.000	593.700	2200.000	593.300	2220.000	591.900	2245.000
GR	592.100	2270.000	592.600	2295.000	592.000	2320.000	589.400	2327.000	589.000	2330.000
GR	588.800	2336.000	591.600	2339.000	592.300	2345.000	593.100	2370.000	593.400	2395.000
GR	593.900	2420.000	605.000	3100.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	2304.000	2327.000	0.000	0.000	0.000	0.000	0.000
	FOOT BRIDGE-SEC 11									
X1	8320.000	18.000	2304.000	2327.000	80.000	80.000	80.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.000	595.000	0.000
GR	605.000	0.000	594.000	1.000	594.000	2200.000	593.700	2225.000	593.600	2250.000
GR	594.000	2275.000	592.600	2302.000	592.400	2304.000	589.000	2312.000	588.800	2317.000
GR	588.700	2322.000	592.500	2327.000	593.200	2330.000	594.700	2355.000	594.000	2380.000
GR	594.000	2405.000	594.200	2430.000	605.000	3100.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.600	0.000	23.000	0.000	150.000	0.000	588.700	588.700
X1	8332.000	0.000	0.000	0.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	594.390	595.350	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.350	595.350	0.000
BT	-4.000	2302.000	595.400	592.600	2302.000	595.400	594.390	2330.000	595.350	593.270
BT	0.000	2330.000	595.350	593.200	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	575.000	825.000	575.000	725.000	0.000	0.000	0.000
X1	8444.000	16.000	600.000	619.000	112.000	112.000	112.000	0.000	0.000	0.000
GR	605.000	0.000	593.700	480.000	593.300	500.000	591.900	525.000	592.100	550.000
GR	592.600	575.000	592.000	600.000	589.400	607.000	589.000	610.000	588.800	613.000
GR	591.600	619.000	592.300	645.000	593.100	670.000	593.400	695.000	593.900	720.000
GR	605.000	5500.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	1000.000	1400.000	1000.000	1175.000	0.000	0.000	0.000
	800 FT DOWNSTREAM OF HALL RD-SEC 13									
X1	9674.000	17.000	1101.000	1123.000	1230.000	1230.000	1230.000	0.000	0.000	0.000
GR	605.000	0.000	593.600	1.000	593.600	1001.000	593.600	1026.000	593.700	1051.000
GR	593.700	1076.000	592.500	1101.000	589.000	1108.000	588.800	1111.500	589.200	1115.000
GR	592.800	1123.000	594.000	1148.000	593.900	1173.000	594.300	1198.000	594.800	1223.000
GR	597.000	1400.000	605.000	6000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.600	1.000	0.000	0.000	0.000	0.000	0.000
X1	10403.000	0.000	0.000	0.000	729.000	729.000	729.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1100.000	0.000	1130.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TWIN CULVERT AT HALL RD-SEC 14									
X1	10433.000	20.000	2893.000	2907.000	30.000	30.000	30.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.000	595.000	0.000
GR	605.000	0.000	595.970	1.000	595.970	2801.000	596.510	2893.000	590.890	2893.100
GR	589.800	2893.200	588.300	2894.400	588.300	2896.000	588.300	2897.600	589.800	2898.800
GR	590.890	2899.000	590.890	2900.000	590.890	2901.000	588.600	2902.000	588.600	2904.000
GR	588.600	2906.000	590.890	2906.500	596.510	2907.000	595.630	3000.000	605.000	5000.000
SB	0.000	1.570	2.600	0.000	14.000	0.000	57.000	0.000	587.900	588.300
X1	10515.000	0.000	0.000	0.000	82.000	82.000	82.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	593.890	595.630	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.970	595.630	0.000
BT	-17.000	2801.000	595.970	0.000	2893.000	596.510	0.000	2893.100	596.510	590.890
BT	0.000	2893.200	596.510	592.000	2894.400	596.510	593.400	2896.000	596.520	593.890
BT	0.000	2897.600	596.510	593.400	2898.800	596.520	592.000	2899.000	596.530	590.890
BT	0.000	2900.000	596.530	590.890	2901.000	596.530	590.890	2902.000	596.520	593.200
BT	0.000	2904.000	596.520	593.890	2906.000	596.510	593.200	2906.500	596.510	590.890
BT	0.000	2907.000	596.510	0.000	3000.000	595.630	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	2470.000	3030.000	2670.000	3000.000	0.000	0.000	0.000
	200 FT UPSTREAM OF HALL RD-SEC 15									
X1	10744.000	19.000	2670.000	2729.000	229.000	229.000	229.000	0.000	0.000	0.000
GR	605.000	0.000	595.900	1.000	595.900	2500.000	594.900	2570.000	594.800	2595.000
GR	594.600	2602.000	595.500	2645.000	593.700	2670.000	589.300	2690.000	589.700	2700.000
GR	589.400	2705.000	589.700	2711.000	594.000	2729.000	594.200	2755.000	594.000	2780.000
GR	594.000	2805.000	594.500	2830.000	594.500	5830.000	605.000	5831.000	0.000	0.000

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NC	0.000	0.000	0.000	0.600	1.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	1955.000	2755.000	2670.000	2755.000	0.000	0.000	0.000
X1	10903.000	19.000	2670.000	2729.000	159.000	159.000	159.000	0.000	0.000	0.000
GR	605.000	0.000	595.900	1.000	595.900	2500.000	594.900	2570.000	594.800	2595.000
GR	594.600	2602.000	595.500	2645.000	593.700	2670.000	589.300	2690.000	589.700	2700.000
GR	589.400	2705.000	589.700	2711.000	594.000	2729.000	594.200	2755.000	594.000	2780.000
GR	594.000	2805.000	594.500	2830.000	594.500	5830.000	605.000	5831.000	0.000	0.000
ET	0.000	4.100	6.100	1955.000	2755.000	2670.000	2755.000	0.000	0.000	0.000
X1	10918.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.000	0.000
ET	0.000	6.100	1.410	0.000	0.000	1000.000	1800.000	0.000	0.000	0.000
	CULVERT AT GRIX RD-SEC 16									
X1	10933.000	17.000	1696.500	1703.500	15.000	15.000	15.000	0.000	0.000	0.000
BT	-12.000	1600.000	595.100	0.000	1696.500	596.450	0.000	1696.600	596.450	592.080
BT	0.000	1696.750	596.450	593.400	1697.500	596.460	594.600	1698.000	596.470	594.900
BT	0.000	1700.000	596.500	595.580	1702.000	596.500	594.900	1702.500	596.490	594.600
BT	0.000	1703.250	596.490	590.900	1703.500	596.490	0.000	1800.000	596.100	0.000
GR	610.000	0.000	595.100	1.000	595.100	1600.000	596.450	1696.500	592.080	1696.600
GR	590.900	1696.750	589.900	1697.500	589.500	1698.000	589.500	1700.000	589.500	1702.000
GR	589.900	1702.500	590.900	1703.250	592.080	1703.400	596.490	1703.500	596.100	1800.000
GR	600.000	4000.000	610.000	4001.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.100	1135.000	1770.000	1000.000	1800.000	0.000	0.000	0.000
X1	10957.000	0.000	0.000	0.000	24.000	24.000	24.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	2500.000	3300.000	2670.000	3300.000	0.000	0.000	0.000
X1	10966.000	20.000	2670.000	2729.000	9.000	9.000	9.000	0.000	0.000	0.000
GR	610.000	0.000	595.900	1.000	595.900	2500.000	594.900	2570.000	594.800	2595.000
GR	594.600	2620.000	595.500	2645.000	593.700	2670.000	589.300	2690.000	589.700	2700.000
GR	589.400	2705.000	589.700	2711.000	594.000	2729.000	594.200	2755.000	594.000	2780.000
GR	594.000	2805.000	594.500	2836.000	594.500	5830.000	600.000	5831.000	610.000	5832.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	1500.000	2000.000	0.000	0.000	0.000	0.000	0.000
	1000 FT UPSTREAM OF GRIX RD-SEC 17									
X1	11921.000	17.000	1601.000	1625.000	955.000	955.000	955.000	0.000	0.000	0.000
GR	610.000	0.000	597.600	1.000	597.600	1500.000	596.600	1525.000	596.200	1550.000
GR	594.700	1575.000	593.000	1595.000	593.000	1601.000	591.200	1606.000	590.500	1608.500
GR	590.700	1610.500	590.700	1613.000	591.200	1615.000	596.200	1625.000	596.200	1925.000
GR	600.000	5325.000	610.000	5326.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1000 FT DOWNSTREAM OF WEST-RD SEC 18									
X1	12721.000	23.000	2000.000	2022.000	800.000	800.000	800.000	0.000	0.000	0.000
GR	610.000	0.000	598.400	1.000	598.400	1700.000	597.600	1800.000	597.400	1900.000
GR	596.800	1925.000	596.500	1950.000	596.200	1975.000	595.400	2000.000	591.800	2008.000
GR	591.500	2009.000	590.900	2012.500	591.200	2016.000	591.800	2017.000	594.000	2022.000
GR	594.500	2025.000	597.000	2040.000	597.300	2045.000	597.800	2075.000	598.000	2100.000
GR	598.000	2125.000	600.000	3600.000	610.000	3601.000	0.000	0.000	0.000	0.000

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X1	13641.000	20.000	1676.000	1705.000	920.000	920.000	920.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1676.000	0.000	1705.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	597.400	1.000	597.400	1600.000	597.700	1620.000	597.800	1645.000
GR	597.900	1660.000	598.000	1676.000	592.800	1683.000	592.000	1685.000	591.800	1689.000
GR	591.900	1694.000	592.800	1696.000	598.300	1705.000	598.700	1730.000	598.300	1755.000
GR	598.300	1780.000	598.930	1798.000	599.060	1809.000	600.000	3800.000	610.000	3801.000
NC	0.000	0.000	0.019	0.600	1.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	1695.000	1705.000	0.000	0.000	0.000	0.000	0.000

CULVERT AT WEST RD-SEC 19

X1	13683.000	17.000	1695.000	1705.000	42.000	42.000	42.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	597.700	597.700	0.000
GR	610.000	0.000	598.920	1.000	598.920	1600.000	599.130	1695.000	591.630	1695.050
GR	590.860	1695.100	590.860	1695.500	590.860	1697.300	590.860	1700.000	590.860	1702.700
GR	590.860	1704.500	590.860	1704.900	591.630	1704.950	599.130	1705.000	599.020	1800.000
GR	600.000	3800.000	610.000	3801.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.730	2.600	0.000	10.000	0.000	49.000	0.000	590.860	590.860
X1	13759.000	0.000	0.000	0.000	76.000	76.000	76.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	596.630	598.920	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	598.920	599.020	0.000
BT	-11.000	1600.000	598.920	0.000	1695.000	599.130	0.000	1695.050	599.130	591.630
BT	0.000	1695.100	599.130	593.850	1697.300	599.130	595.850	1700.000	599.140	596.630
BT	0.000	1702.700	599.130	595.850	1704.500	599.130	593.850	1704.950	599.130	591.630
BT	0.000	1705.000	599.130	0.000	1800.000	599.020	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	1676.000	1830.000	0.000	0.000	0.000	0.000	0.000
X1	13771.000	20.000	1676.000	1705.000	12.000	12.000	12.000	0.000	0.000	0.000
GR	610.000	0.000	597.400	1.000	597.400	1600.000	597.700	1620.000	597.800	1645.000
GR	597.900	1660.000	598.000	1676.000	592.800	1683.000	592.000	1685.000	591.800	1689.000
GR	591.900	1694.000	592.800	1696.000	598.300	1705.000	598.700	1730.000	598.300	1755.000
GR	598.300	1780.000	598.930	1798.000	599.060	1809.000	600.000	3800.000	610.000	3801.000
ET	0.000	4.100	1.400	1530.000	1830.000	0.000	0.000	0.000	0.000	0.000
X1	13883.000	0.000	0.000	0.000	112.000	112.000	112.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	1100.000	1830.000	0.000	0.000	0.000	0.000	0.000
X1	14175.000	0.000	0.000	0.000	292.000	292.000	292.000	0.000	0.000	0.000
NC	0.000	0.000	0.011	0.600	1.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	6.100	4.110	1791.500	1808.500	1230.000	1970.000	0.000	0.000	0.000

TWIN CULVERT AT GUDITH RD-SEC 21

X1	14237.000	29.000	1791.500	1808.500	62.000	62.000	62.000	0.000	0.000	0.000
GR	610.000	0.000	597.620	1.000	597.670	1791.500	591.960	1791.550	591.940	1791.600
GR	591.900	1792.000	591.800	1792.800	591.650	1794.000	591.500	1795.250	591.520	1796.500
GR	591.580	1797.700	591.600	1798.500	591.600	1798.900	592.100	1799.000	592.230	1801.000
GR	591.800	1801.100	591.800	1801.500	591.800	1802.300	591.800	1803.500	591.800	1804.750
GR	591.900	1806.000	592.000	1807.200	592.050	1808.000	592.100	1808.400	592.230	1808.450
GR	597.790	1808.500	598.640	1910.000	600.000	3200.000	610.000	3201.000	0.000	0.000

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ET	0.000	6.100	4.110	1791.500	1808.500	1280.000	1970.000	0.000	0.000	0.000
SB	0.000	1.580	2.600	0.000	17.000	0.000	34.000	0.000	591.500	591.500
X1	14329.000	0.000	0.000	0.000	92.000	92.000	92.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	594.680	597.670	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	597.670	597.670	0.000	0.000
BT	-24.000	1791.500	597.670	597.670	1791.550	597.670	592.100	1791.600	597.670	592.800
BT	0.000	1792.000	597.680	593.500	1792.800	597.680	594.100	1794.000	597.680	594.400
BT	0.000	1795.250	597.680	594.550	1796.500	597.690	594.400	1797.700	597.710	594.100
BT	0.000	1798.500	597.720	593.500	1798.900	597.720	592.800	1799.000	597.730	592.100
BT	0.000	1801.000	597.730	592.230	1801.100	597.730	592.930	1801.500	597.730	593.630
BT	0.000	1802.300	597.740	594.230	1803.500	597.750	594.530	1804.750	597.760	594.680
BT	0.000	1806.000	597.770	594.530	1807.200	597.780	594.230	1808.000	597.790	593.630
BT	0.000	1808.400	597.790	592.930	1808.450	597.790	592.230	1808.500	597.790	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	1180.000	1870.000	0.000	0.000	0.000	0.000	0.000
X1	14346.000	20.000	1676.000	1705.000	17.000	17.000	17.000	0.000	0.000	0.000
GR	610.000	0.000	597.400	1.000	597.400	1600.000	597.700	1620.000	597.800	1645.000
GR	597.900	1660.000	598.000	1676.000	592.800	1683.000	592.000	1685.000	591.800	1689.000
GR	591.900	1694.000	592.800	1696.000	598.300	1705.000	598.700	1730.000	598.300	1755.000
GR	598.300	1780.000	598.930	1798.000	599.060	1809.000	600.000	3780.000	610.000	3781.000
ET	0.000	4.100	6.100	180.000	520.000	330.000	500.000	0.000	0.000	0.000
	800 FT UPSTREAM OF GUDITH RD-SEC 22									
X1	15100.000	21.000	338.000	368.000	754.000	754.000	754.000	0.000	0.000	0.000
GR	610.000	0.000	597.550	200.000	597.380	212.900	597.860	213.000	598.600	238.000
GR	598.900	263.000	599.200	288.000	599.100	313.000	598.800	338.000	593.300	347.000
GR	592.700	349.000	592.500	352.000	592.600	356.000	593.300	358.000	598.630	368.000
GR	598.690	375.000	598.160	375.100	598.100	385.000	597.800	385.100	597.800	699.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	1400 FT UPSTREAM OF GUDITH RD-SEC 23									
X1	15786.000	20.000	5800.000	5832.000	686.000	686.000	686.000	0.000	0.000	0.000
GR	610.000	0.000	600.700	1.000	600.700	5700.000	600.500	5725.000	600.900	5750.000
GR	600.900	5775.000	600.600	5800.000	594.000	5811.000	592.800	5813.000	592.800	5818.000
GR	593.200	5823.000	594.000	5825.000	599.000	5832.000	600.400	5850.000	600.600	5875.000
GR	600.600	5900.000	600.900	5925.000	601.600	5950.000	601.600	6599.000	610.000	6600.000
	900 FT DOWNSTREAM OF CARTER RD-SEC 24									
X1	16886.000	20.000	4000.000	4031.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	3950.000	0.000	4031.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	599.200	1.000	599.200	3900.000	600.200	3925.000	600.600	3950.000
GR	600.600	3975.000	599.900	4000.000	594.800	4008.000	594.400	4010.000	594.400	4015.000
GR	594.200	4020.000	594.800	4022.000	600.400	4031.000	600.900	4050.000	601.300	4075.000
GR	601.400	4100.000	601.100	4125.000	600.800	4150.000	600.800	4500.000	610.000	4501.000

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X1	17703.000	20.000	4000.000	4031.000	817.000	817.000	817.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	4000.000	0.000	4031.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	599.200	1.000	599.200	3900.000	600.200	3925.000	600.600	3950.000
GR	600.600	3975.000	599.900	4000.000	594.800	4008.000	594.400	4010.000	594.400	4015.000
GR	594.200	4020.000	594.800	4022.000	600.400	4031.000	600.900	4050.000	601.300	4075.000
GR	601.400	4100.000	601.100	4125.000	600.800	4150.000	600.800	4500.000	610.000	4501.000
NC	0.000	0.000	0.019	0.600	1.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.110	4245.500	4254.500	0.000	0.000	0.000	0.000	0.000
	CULVERT AT CARTER RD-SEC 25									
X1	17741.000	25.000	4245.500	4254.500	38.000	38.000	38.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	600.000	600.000	0.000
GR	610.000	0.000	605.000	1.000	605.000	4000.000	602.290	4150.000	601.660	4175.000
GR	601.100	4200.000	600.910	4225.000	600.820	4245.500	594.450	4245.600	594.450	4246.000
GR	594.450	4247.000	594.450	4248.000	594.450	4250.000	594.450	4252.000	594.450	4253.000
GR	594.450	4254.000	594.450	4254.400	600.750	4254.500	600.530	4275.000	600.640	4300.000
GR	600.460	4325.000	600.500	4350.000	605.000	4650.000	605.000	5000.000	610.000	5001.000
ET	0.000	0.000	4.100	4231.000	4375.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	2.340	2.600	0.000	9.000	0.000	32.000	0.000	594.450	594.450
X1	17833.000	0.000	0.000	0.000	92.000	92.000	92.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	599.300	600.460	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	600.820	600.460	0.000
BT	-21.000	4150.000	602.290	0.000	4175.000	601.660	0.000	4200.000	601.100	0.000
BT	0.000	4225.000	600.910	0.000	4245.500	600.820	600.820	4245.600	600.820	594.450
BT	0.000	4245.600	600.820	596.200	4246.000	600.820	597.200	4247.000	600.810	598.200
BT	0.000	4248.000	600.810	598.800	4250.000	600.800	599.300	4252.000	600.780	598.800
BT	0.000	4253.000	600.770	598.200	4254.000	600.760	597.200	4254.400	600.750	596.200
BT	0.000	4254.400	600.750	594.450	4254.500	600.750	0.000	4275.000	600.530	0.000
BT	0.000	4300.000	600.640	0.000	4325.000	600.460	0.000	4350.000	600.500	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	17844.000	25.000	4245.500	4254.500	11.000	11.000	11.000	0.000	0.000	0.000
GR	610.000	0.000	605.000	1.000	605.000	4000.000	602.290	4150.000	601.660	4175.000
GR	601.100	4200.000	600.910	4225.000	600.820	4245.500	594.450	4245.500	594.450	4246.000
GR	594.450	4247.000	594.450	4248.000	594.450	4250.000	594.450	4252.000	594.450	4253.000
GR	594.450	4254.000	594.450	4254.500	600.750	4254.500	600.530	4275.000	600.640	4300.000
GR	600.460	4325.000	600.500	4350.000	605.000	4650.000	605.000	5000.000	610.000	5001.000
	CORPORATE BOUNDARY-SEC 26									
X1	18144.000	16.000	1100.000	1120.000	300.000	300.000	300.000	0.000	0.000	0.000
GR	610.000	0.000	603.900	1000.000	601.400	1005.000	601.300	1025.000	600.400	1050.000
GR	600.100	1075.000	601.000	1100.000	596.300	1108.000	595.600	1110.000	596.300	1112.000
GR	600.900	1120.000	601.200	1145.000	601.200	1170.000	601.400	1195.000	601.600	1220.000
GR	610.000	1520.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.600 CEHV= 1.000

*SECNO 0.000

44 FT DOWNSTREAM OF VREELAND RD

0.00	7.90	588.40	0.00	586.40	588.41	0.01	0.00	0.00	585.10
710.	127.	215.	368.	224.	160.	736.	0.	0.	584.30
0.00	0.57	1.34	0.50	0.050	0.035	0.050	0.000	580.50	168.97
0.000094	0.	0.	0.	0	0	0	0.00	511.03	680.00

*SECNO 44.000

3301 HV CHANGED MORE THAN HVINS

CULVERT AT VREELAND RD-SEC 1

44.00	7.91	588.41	0.00	0.00	589.63	1.22	0.01	1.21	589.59
710.	0.	710.	0.	0.	80.	0.	1.	0.	589.54
0.00	0.00	8.87	0.00	0.050	0.013	0.050	0.000	580.50	1094.22
0.001195	44.	44.	44.	0	0	0	0.00	11.56	1105.78

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.76	2.60	0.00	11.60	0.00	54.00	0.00	580.50	580.50

*SECNO 123.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.13	589.63	0.00	223.	487.	54.	74.	586.90	589.54

123.00	9.30	589.80	0.00	0.00	590.64	0.83	1.00	0.00	589.59
710.	1.	707.	2.	5.	96.	10.	1.	0.	589.54
0.00	0.18	7.35	0.21	0.050	0.013	0.050	0.000	580.50	1045.35
0.000726	79.	79.	79.	4	0	0	0.00	136.20	1181.55

CCHV= 0.100 CEHV= 0.300

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 183.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1015.0 1150.0 TYPE= 1 TARGET= 135.000
100 FT UPSTREAM OF VREELAND RD-SEC 2

183.00	9.21	590.71	0.00	0.00	590.73	0.02	0.01	0.08	586.10
710.	210.	299.	201.	268.	193.	248.	1.	1.	585.30
0.02	0.78	1.55	0.81	0.050	0.035	0.050	0.000	581.50	1015.00
0.000098	60.	60.	60.	2	0	0	0.00	135.00	1150.00

*SECNO 2483.000

3470 ENCROACHMENT STATIONS= 400.0 1100.0 TYPE= 1 TARGET= 700.000
SECTION 3

2483.00	7.44	590.84	0.00	0.00	590.84	0.00	0.11	0.00	587.00
710.	161.	132.	417.	499.	181.	1312.	73.	23.	588.00
1.63	0.32	0.73	0.32	0.050	0.035	0.050	0.000	583.40	400.00
0.000029	2300.	2300.	2300.	2	0	0	0.00	700.00	1100.00

CCHV= 0.300 CEHV= 0.500

*SECNO 3883.000

3470 ENCROACHMENT STATIONS= 1725.0 2425.0 TYPE= 1 TARGET= 700.000
SECTION 4 DOWNSTREAM OF CONFLUENCE

3883.00	6.12	590.92	0.00	0.00	590.99	0.07	0.11	0.04	588.30
710.	85.	338.	287.	64.	115.	279.	112.	38.	588.30
1.83	1.32	2.93	1.03	0.050	0.035	0.050	0.000	584.80	1725.00
0.000632	1400.	1400.	1400.	1	0	0	0.00	228.36	1953.36

*SECNO 5233.000

3470 ENCROACHMENT STATIONS= 150.0 450.0 TYPE= 1 TARGET= 300.000
FLOW CHANGE DUE TO BRANCH-SEC 5
50 FT DOWNSTREAM OF PLANT ACCESS ROAD

5233.00	6.47	591.67	0.00	0.00	591.73	0.06	0.73	0.00	590.00
406.	118.	273.	15.	172.	119.	26.	124.	44.	590.00
2.04	0.69	2.30	0.57	0.050	0.035	0.050	0.000	585.20	150.00
0.000427	1350.	1350.	1350.	2	0	0	0.00	213.61	363.61

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000

*SECNO 5283.000

CULVERT AT PLANT ACCESS RD-SEC 5

5283.00	6.99	591.69	0.00	0.00	591.85	0.16	0.02	0.11	591.08
406.	60.	346.	0.	152.	98.	3.	124.	45.	591.39
2.05	0.39	3.51	0.14	0.050	0.017	0.050	0.000	584.70	64.05
0.000284	50.	50.	50.	0	0	0	0.00	266.48	330.54

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.62	2.60	0.00	16.00	0.00	78.00	0.00	585.10	585.10

*SECNO 5317.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.37	592.25	0.00	206.	202.	78.	78.	589.96	590.61

5317.00	6.99	591.69	0.00	0.00	591.86	0.16	0.01	0.00	591.08
406.	60.	346.	0.	151.	98.	3.	125.	45.	591.39
2.05	0.39	3.52	0.14	0.050	0.017	0.050	0.000	584.70	64.43
0.000285	34.	34.	34.	2	0	4	0.00	265.89	330.32

*SECNO 5417.000

5417.00	7.17	591.87	0.00	0.00	591.95	0.08	0.04	0.05	591.08
406.	132.	272.	3.	195.	101.	9.	125.	46.	591.39
2.07	0.68	2.68	0.30	0.050	0.035	0.050	0.000	584.70	41.48
0.000674	100.	100.	100.	2	0	0	0.00	302.34	343.81

*SECNO 6255.000

50 FT DOWNSTREAM VAN HORN RD-SEC 6

6255.00	5.95	592.45	0.00	0.00	592.57	0.12	0.58	0.04	589.90
406.	40.	326.	40.	40.	108.	45.	130.	49.	590.30
2.15	0.98	3.03	0.89	0.050	0.035	0.050	0.000	586.50	62.47
0.000707	838.	838.	838.	2	0	0	0.00	109.00	171.47

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 6305.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 594.00 ELREA= 594.00

FLOW CHANGE DUE TO SEWER INFLOW
BRIDGE AT VAN HORN RD AND RR TRACKS-SEC 7-8

6305.00	5.59	592.49	0.00	0.00	592.86	0.37	0.04	0.26	596.00
286.	0.	286.	0.	0.	58.	0.	130.	50.	596.70
2.16	0.00	4.90	0.00	0.050	0.017	0.050	0.000	586.90	100.19
0.000833	50.	50.	50.	0	0	0	0.00	11.09	111.28

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.74	2.60	0.00	10.50	0.00	53.00	0.10	586.90	586.90

*SECNO 6365.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.28	592.86	0.00	0.	286.	53.	52.	591.61	596.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 596.00 ELREA= 596.70

6365.00	6.06	592.96	0.00	0.00	593.28	0.31	0.41	0.00	596.00
286.	0.	286.	0.	0.	64.	0.	130.	50.	596.70
2.16	0.00	4.49	0.00	0.050	0.017	0.050	0.000	586.90	100.17
0.000660	50.	60.	55.	2	0	0	0.00	11.14	111.31

*SECNO 6366.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

6366.00	8.47	593.17	0.00	0.00	593.35	0.19	0.00	0.08	597.78
286.	0.	286.	0.	0.	83.	0.	130.	50.	597.79
2.16	0.00	3.46	0.00	0.050	0.017	0.050	0.000	584.70	94.41
0.000326	1.	1.	1.	2	0	0	0.00	11.24	105.65

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	12.00	0.00	82.00	0.00	584.70	584.70

*SECNO 6405.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.47	593.35	0.00	0.	286.	82.	83.	591.62	597.78

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 597.78 ELREA= 597.78

6405.00	8.59	593.29	0.00	0.00	593.47	0.18	0.12	0.00	597.78
286.	0.	286.	0.	0.	84.	0.	130.	50.	597.79
2.16	0.00	3.40	0.00	0.050	0.017	0.050	0.000	584.70	94.39
0.000312	39.	39.	39.	2	0	0	0.00	11.26	105.66

CCHV= 0.100 CEHV= 0.300
*SECNO 6417.000

3470 ENCROACHMENT STATIONS= 95.0 130.0 TYPE= 1 TARGET= 35.000

6417.00	6.93	593.43	0.00	0.00	593.49	0.06	0.00	0.01	589.90
286.	12.	258.	15.	17.	130.	21.	130.	50.	590.30
2.17	0.73	1.99	0.75	0.050	0.035	0.050	0.000	586.50	95.00
0.000235	12.	12.	12.	2	0	0	0.00	35.00	130.00

*SECNO 6967.000
FLOW CHANGE AT CONFLUENCE WITH CLEE WEST-SEC 9

6967.00	5.96	593.56	0.00	0.00	593.57	0.01	0.07	0.00	591.00
317.	66.	109.	143.	161.	103.	300.	135.	52.	591.50
2.40	0.41	1.05	0.47	0.050	0.035	0.050	0.000	587.60	0.91
0.000090	550.	550.	550.	2	0	0	0.00	276.50	277.41

CCHV= 0.600 CEHV= 1.000
*SECNO 7894.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		75.0	123.0	TYPE=	1	TARGET=	48.000		
7894.00	6.12	593.72	0.00	0.00	593.79	0.07	0.16	0.06	591.00
317.	67.	250.	0.	60.	107.	0.	143.	55.	100000.00
2.52	1.10	2.34	0.00	0.050	0.035	0.050	0.000	587.60	75.00
0.000475	927.	927.	927.	1	0	0	0.00	48.00	123.00

*SECNO 7965.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 601.00 ELREA= 601.00

BOX CULVERT AT I-75-SEC 10

7965.00	5.67	593.77	0.00	0.00	594.28	0.51	0.05	0.44	606.14
317.	0.	317.	0.	0.	55.	0.	143.	55.	606.41
2.53	0.00	5.73	0.00	0.050	0.017	0.050	0.000	588.10	94.71
0.001126	71.	71.	71.	2	0	0	0.00	10.58	105.29

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.60	0.0C	12.00	0.00	102.00	0.00	588.10	588.10

*SECNO 8160.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 594.279 ELLC= 596.520 PCWSE= 593.770 ELTRD= 606.140

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 606.14 MAX ELLC= 596.52

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 606.14 ELREA= 606.41

8160.00	5.96	594.06	0.00	0.00	594.51	0.46	0.20	0.03	606.14
317.	0.	317.	0.	0.	58.	0.	143.	55.	606.41
2.54	0.00	5.42	0.00	0.050	0.017	0.050	0.000	588.10	94.69
0.000976	195.	195.	195.	2	0	0	0.00	10.61	105.30

*SECNO 824C.000

3470 ENCROACHMENT STATIONS= 2300.0 2365.0 TYPE= 1 TARGET= 65.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
8240.00	5.94	594.74	0.00	0.00	594.80	0.06	0.05	0.24	592.00
317.	49.	210.	57.	50.	94.	59.	143.	55.	591.60
2.55	0.98	2.24	0.96	0.050	0.035	0.050	0.000	588.80	2300.00
0.000371	80.	80.	80.	2	0	0	0.00	65.00	2365.00

*SECNO 8320.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

FOOT BRIDGE-SEC 11

8320.00	6.08	594.78	0.00	0.00	594.90	0.12	0.04	0.06	592.40
317.	0.	317.	0.	0.	113.	0.	144.	55.	592.50
2.56	0.00	2.80	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.000579	80.	80.	80.	1	0	0	0.00	23.00	2327.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.60	0.00	23.00	0.00	150.00	0.00	588.70	588.70

*SECNO 8332.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 594.888 EGLWC= 594.902 ELLC= 594.390 PCWSE= 594.780 ELTRD= 595.350

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 595.35 MAX ELLC= 594.39

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.35 ELREA= 595.35

8332.00	6.09	594.79	0.00	0.00	594.98	0.19	0.01	0.06	592.40
317.	0.	317.	0.	0.	92.	0.	144.	55.	592.50
2.56	0.00	3.46	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.002796	12.	12.	12.	1	0	0	-25.90	23.00	2327.00

CCHV= 0.100 CEHV= 0.300

*SECNO 8444.000

3470 ENCROACHMENT STATIONS= 575.0 825.0 TYPE= 1 TARGET= 250.000

8444.00	6.22	595.02	0.00	0.00	595.03	0.01	0.04	0.02	592.00
317.	40.	123.	154.	68.	95.	321.	145.	56.	591.60
2.59	0.59	1.29	0.48	0.050	0.035	0.050	0.000	588.80	575.00
0.000117	112.	112.	112.	2	0	0	0.00	250.00	825.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9674.000

3470 ENCROACHMENT STATIONS= 1000.0 1400.0 TYPE= 1 TARGET= 400.000
800 FT DOWNSTREAM OF HALL RD-SEC 13

9674.00	6.39	595.19	0.00	0.00	595.21	0.02	0.17	0.00	592.50
317.	94.	167.	56.	169.	108.	125.	157.	63.	592.80
2.92	0.56	1.54	0.45	0.050	0.035	0.050	0.000	588.80	1000.00
0.000173	1230.	1230.	1230.	3	0	0	0.00	254.11	1254.11

CCHV= 0.600 CEHV= 1.000
*SECNO 10403.000

3470 ENCROACHMENT STATIONS= 1100.0 1130.0 TYPE= 1 TARGET= 30.000

10403.00	6.58	595.38	0.00	0.00	595.49	0.10	0.20	0.08	592.50
317.	2.	296.	17.	3.	113.	17.	161.	65.	592.80
3.00	0.54	2.65	0.98	0.050	0.035	0.050	0.000	588.30	1100.00
0.000488	729.	729.	729.	2	0	0	0.00	30.00	1130.00

*SECNO 10433.000
TWIN CULVERT AT HALL RD-SEC 14

10433.00	7.09	595.39	0.00	0.00	595.61	0.21	0.01	0.11	596.51
317.	0.	317.	0.	0.	85.	0.	162.	65.	596.51
3.00	0.00	3.72	0.00	0.050	0.011	0.050	0.000	588.30	2893.02
0.000181	30.	30.	30.	0	0	0	0.00	13.88	2906.90

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.57	2.60	0.00	14.00	0.00	57.00	0.00	587.90	588.30

*SECNO 10515.000

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
596.15	595.24	0.00	14.	303.	57.	84.	593.89	595.63

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.97 ELREA= 595.63

10515.00	7.60	595.90	0.00	0.00	596.08	0.18	0.47	0.00	596.51
317.	0.	316.	1.	0.	92.	12.	162.	65.	596.51
3.01	0.00	3.42	0.10	0.050	0.011	0.050	0.000	588.30	2893.01
0.000144	82.	82.	82.	3	0	4	0.00	101.94	3058.86

CCHV= 0.300 CEHV= 0.500
*SECNO 10744.000

3470 ENCROACHMENT STATIONS= 2470.0 3030.0 TYPE= 1 TARGET= 560.000
200 FT UPSTREAM OF HALL RD-SEC 15

10744.00	6.84	596.14	0.00	0.00	596.15	0.00	0.01	0.05	593.70
317.	27.	182.	108.	187.	309.	534.	165.	67.	594.00
3.16	0.15	0.59	0.20	0.050	0.035	0.050	0.000	589.30	2470.00
0.000022	229.	229.	229.	2	0	0	0.00	560.00	3030.00

CCHV= 0.600 CEHV= 1.000
*SECNO 10903.000

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10903.00	6.85	596.15	0.00	0.00	596.16	0.01	0.00	0.01	593.70
317.	49.	252.	16.	322.	310.	53.	168.	69.	594.00
3.22	0.15	0.81	0.29	0.050	0.035	0.050	0.000	589.30	1955.00
0.000041	159.	159.	159.	0	0	0	0.00	800.00	2755.00

*SECNO 10918.000

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10918.00	6.85	596.15	0.00	0.00	596.16	0.01	0.00	0.00	593.70
317.	48.	253.	16.	316.	309.	53.	168.	70.	594.00
3.23	0.15	0.82	0.30	0.050	0.035	0.050	0.000	589.30	1955.00
0.000042	15.	15.	15.	0	0	0	0.00	800.00	2755.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10933.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1000.0 1800.0 TYPE= 1 TARGET= 800.000
CULVERT AT GRIX RD-SEC 16

10933.00	6.66	596.16	0.00	0.00	596.16	0.00	0.00	0.00	596.45
317.	290.	27.	0.	669.	33.	0.	168.	70.	596.49
3.24	0.43	0.83	0.04	0.050	0.035	0.050	0.000	589.50	1000.00
0.000209	15.	15.	15.	0	0	0	-10.79	694.17	1800.00

*SECNO 10957.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1000.0 1800.0 TYPE= 1 TARGET= 800.000

10957.00	6.66	596.16	0.00	0.00	596.17	0.00	0.00	0.00	596.45
317.	290.	27.	0.	677.	33.	0.	169.	70.	596.49
3.25	0.43	0.81	0.04	0.050	0.035	0.050	0.000	589.50	1000.00
0.000202	24.	24.	24.	0	0	0	-10.86	697.79	1800.00

*SECNO 10966.000

3470 ENCROACHMENT STATIONS= 2500.0 3300.0 TYPE= 1 TARGET= 800.000

10966.00	6.87	596.17	0.00	0.00	596.17	0.00	0.00	0.00	593.70
317.	23.	141.	153.	190.	310.	991.	169.	71.	594.00
3.26	0.12	0.46	0.15	0.050	0.035	0.050	0.000	589.30	2500.00
0.000013	9.	9.	9.	0	0	0	0.00	800.00	3300.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11921.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 1500.0 2000.0 TYPE= 1 TARGET= 500.000

1000 FT UPSTREAM OF GRIX RD-SEC 17

11921.00	5.66	596.16	0.00	0.00	596.22	0.07	0.04	0.02	593.00
317.	95.	222.	0.	83.	93.	0.	187.	80.	596.20
3.39	1.15	2.38	0.00	0.050	0.035	0.050	0.000	590.50	1550.73
0.000559	955.	955.	955.	2	0	0	0.00	74.18	1624.91

*SECNO 12721.000

1000 FT DOWNSTREAM OF WEST-RD SEC 18

12721.00	5.75	596.65	0.00	0.00	596.77	0.12	0.53	0.02	595.40
317.	19.	275.	23.	30.	92.	21.	190.	82.	594.00
3.47	0.64	2.99	1.09	0.050	0.035	0.050	0.000	590.90	1937.42
0.000804	800.	900.	800.	2	0	0	0.00	100.49	2037.91

*SECNO 13641.000

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 1 TARGET= 29.000

13641.00	5.66	597.46	0.00	0.00	597.61	0.15	0.83	0.01	598.00
317.	0.	317.	0.	0.	103.	0.	193.	83.	100000.00
3.56	0.00	3.08	0.00	0.050	0.035	0.050	0.000	591.80	1676.72
0.001017	920.	920.	920.	2	0	0	0.00	26.90	1703.63

CCHV= 0.600 CEHV= 1.000

*SECNO 13683.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 597.70 ELREA= 597.70

CULVERT AT WEST RD-SEC 19

13683.00	6.64	597.50	0.00	0.00	597.86	0.36	0.04	0.21	599.13
317.	0.	317.	0.	0.	66.	0.	193.	83.	599.13
3.56	0.00	4.81	0.00	0.050	0.019	0.050	0.000	590.86	1695.01
0.000933	42.	42.	42.	0	0	0	0.00	9.98	1704.99

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.73	2.60	0.00	10.00	0.00	49.00	0.00	590.86	590.86

*SECNO 13759.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
598.63	597.86	0.00	0.	317.	49.	58.	596.63	598.92

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 598.92 ELREA= 599.02

13759.00	7.49	598.35	0.00	0.00	598.63	0.28	0.77	0.00	599.13
317.	0.	317.	0.	0.	74.	0.	193.	83.	599.13
3.57	0.00	4.26	0.00	0.050	0.019	0.050	0.000	590.86	1695.01
0.000686	76.	76.	76.	2	0	0	0.00	9.99	1704.99

CCHV= 0.100 CEHV= 0.300
*SECNO 13771.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1676.0 1830.0 TYPE= 1 TARGET= 154.000

13771.00	6.77	598.57	0.00	0.00	598.65	0.08	0.01	0.02	598.00
317.	0.	314.	3.	0.	134.	12.	193.	83.	598.30
3.57	0.00	2.34	0.22	0.050	0.035	0.050	0.000	591.80	1676.00
0.000470	12.	12.	12.	2	0	0	0.00	95.37	1787.70

*SECNO 13883.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1530.0 1830.0 TYPE= 1 TARGET= 300.000

13883.00	6.86	598.66	0.00	0.00	598.70	0.04	0.04	0.00	598.00
317.	77.	236.	4.	157.	137.	19.	194.	84.	598.30
3.59	0.49	1.72	0.19	0.050	0.035	0.050	0.000	591.80	1530.00
0.000243	112.	112.	112.	2	0	0	0.00	255.32	1790.29

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14175.000

3470 ENCROACHMENT STATIONS= 1100.0 1830.0 TYPE= 1 TARGET= 730.000

14175.00	6.92	598.72	0.00	0.00	598.73	0.00	0.03	0.00	598.00
317.	197.	118.	2.	735.	139.	24.	198.	87.	598.30
3.76	0.27	0.85	0.10	0.050	0.035	0.050	0.000	591.80	1100.00
0.000058	292.	292.	292.	2	0	0	0.00	692.12	1792.12

CCHV= 0.600 CEHV= 1.000

*SECNO 14237.000

3470 ENCROACHMENT STATIONS= 1230.0 1970.0 TYPE= 1 TARGET= 740.000

TWIN CULVERT AT GUDITH RD-SEC 21

14237.00	7.23	598.73	0.00	0.00	598.76	0.03	0.00	0.03	597.67
317.	99.	213.	5.	602.	117.	56.	199.	88.	597.79
3.77	0.16	1.81	0.10	0.050	0.011	0.050	0.000	591.50	1230.00
0.000028	62.	62.	62.	0	0	0	0.00	740.00	1970.00

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.58	2.60	0.00	17.00	0.00	34.00	0.00	591.50	591.50

*SECNO 14329.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
600.86	598.76	0.00	111.	204.	34.	54.	594.68	597.67

3470 ENCROACHMENT STATIONS= 1280.0 1970.0 TYPE= 1 TARGET= 690.000

14329.00	8.10	599.60	0.00	0.00	599.61	0.01	0.85	0.00	597.67
317.	143.	153.	21.	995.	132.	198.	201.	89.	597.79
3.81	0.14	1.15	0.11	0.050	0.011	0.050	0.000	591.50	1280.00
0.000010	92.	92.	92.	1	0	2	0.00	690.00	1970.00

*SECNO 14346.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 1180.0 1870.0 TYPE= 1 TARGET= 690.000

14346.00	7.82	599.62	0.00	0.00	599.62	0.00	0.00	0.01	598.00
317.	216.	84.	17.	1069.	165.	146.	202.	90.	598.30
3.83	0.20	0.51	0.12	0.050	0.035	0.050	0.000	591.80	1180.00
0.000017	17.	17.	17.	1	0	0	0.00	690.00	1870.00

*SECNO 15100.000

3470 ENCROACHMENT STATIONS= 180.0 520.0 TYPE= 1 TARGET= 340.000

800 FT UPSTREAM OF GUDITH RD-SEC 22

15100.00	7.14	599.64	0.00	0.00	599.65	0.01	0.02	0.01	598.80
317.	50.	156.	111.	159.	145.	270.	218.	98.	598.63
4.12	0.32	1.08	0.41	0.050	0.035	0.050	0.000	592.50	180.00
0.000089	754.	754.	754.	1	0	0	0.00	340.00	520.00

CCHV= 0.100 CEHV= 0.300

*SECNO 15786.000

1400 FT UPSTREAM OF GUDITH RD-SEC 23

15786.00	6.91	599.71	0.00	0.00	599.79	0.08	0.11	0.02	600.60
317.	0.	316.	1.	0.	143.	3.	224.	101.	599.00
4.20	0.00	2.22	0.30	0.050	0.035	0.050	0.000	592.80	5801.48
0.000406	686.	686.	686.	2	0	0	0.00	39.64	5841.12

*SECNO 16886.000

3470 ENCROACHMENT STATIONS= 3950.0 4031.0 TYPE= 1 TARGET= 81.000

900 FT DOWNSTREAM OF CARTER RD-SEC 24

16886.00	6.02	600.22	0.00	0.00	600.32	0.09	0.53	0.01	599.90
317.	0.	317.	0.	2.	128.	0.	228.	102.	100000.00
4.33	0.21	2.47	0.00	0.050	0.035	0.050	0.000	594.20	3988.42
0.000576	1100.	1100.	1100.	2	0	0	0.00	42.29	4030.72

*SECNO 17703.000

3470 ENCROACHMENT STATIONS= 4000.0 4031.0 TYPE= 1 TARGET= 31.000

17703.00	6.45	600.65	0.00	0.00	600.73	0.08	0.41	0.00	599.90
317.	0.	317.	0.	0.	141.	0.	230.	103.	100000.00
4.43	0.00	2.24	0.00	0.050	0.035	0.050	0.000	594.20	4000.00
0.000438	817.	817.	817.	2	0	0	0.00	31.00	4031.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 17741.000

3265 DIVIDED FLOW

CULVERT AT CARTER RD-SEC 25

17741.00	6.23	600.68	597.86	0.00	601.17	0.49	0.03	0.41	600.82
317.	0.	314.	3.	0.	55.	12.	230.	103.	600.75
4.43	0.00	5.66	0.30	0.050	0.019	0.050	0.000	594.45	4245.50
0.001463	38.	38.	38.	0	17	0	0.00	108.44	4361.36

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.34.	2.60	0.00	9.00	0.00	32.00	0.00	594.45	594.45

*SECNO 17833.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.24	601.17	0.00	187.	131.	32.	44.	599.30	600.46

17833.00	6.43	600.88	0.00	0.00	601.29	0.40	0.11	0.00	600.82
317.	0.	300.	17.	0.	57.	36.	230.	103.	600.75
4.44	0.10	5.24	0.47	0.050	0.019	0.050	0.000	594.45	4231.26
0.001214	92.	92.	92.	3	0	0	0.00	144.24	4375.50

CCHV= 0.100 CEHV= 0.300
*SECNO 17844.000

17844.00	6.65	601.10	0.00	0.00	601.32	0.22	0.02	0.02	600.82
317.	4.	251.	62.	8.	60.	65.	230.	104.	600.75
4.44	0.50	4.19	0.95	0.050	0.035	0.050	0.000	594.45	4199.38
0.002505	11.	11.	11.	2	0	0	0.00	191.55	4390.93

*SECNO 18144.000

CORPORATE BOUNDARY-SEC 26

18144.00	6.09	601.69	0.00	0.00	601.77	0.08	0.44	0.01	601.00
317.	90.	203.	24.	92.	72.	43.	232.	105.	600.90
4.48	0.98	2.82	0.56	0.050	0.035	0.050	0.000	595.60	1004.42
0.000946	300.	300.	300.	2	0	0	0.00	218.76	1223.18

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THIS RUN EXECUTED 2 MAR 84 11:53:03

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      100 YEAR  FREQUENCY FLOOD
T3      BROWNSTOWN CREEK WITH ENCROACHMENTS
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J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	588.400	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.600 CEHV= 1.000
*SECNO 0.000
2800 NAT Q1= 732.07 WSEL= 588.40 ENC Q1= 732.07 WSEL= 588.50 RATIO= 0.0000
NAT Q1= 772. RATIOS LOB,CH,ROB= 0.1810 0.2943 0.5246 WSEL= 588.50

3470 ENCROACHMENT STATIONS= 221.3 520.0 TYPE= 4 TARGET= 0.052
44 FT DOWNSTREAM OF VREELAND RD

0.00	7.90	588.40	0.00	588.40	588.41	0.01	0.00	0.00	585.10
710.	115.	225.	370.	177.	160.	608.	0.	0.	584.30
0.00	0.65	1.40	0.61	0.050	0.035	0.050	0.000	580.50	221.29
0.000103	0.	0.	0.	0	0	0	0.00	298.67	519.96

*SECNO 44.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1045.0 1165.0 TYPE= 1 TARGET= 120.000
CULVERT AT VREELAND RD-SEC 1

44.00	7.91	588.41	0.00	588.41	589.63	1.22	0.01	1.21	589.59
710.	0.	710.	0.	0.	80.	0.	1.	0.	589.54
0.00	0.00	8.87	0.00	0.050	0.013	0.050	0.000	580.50	1094.22
0.001195	44.	44.	44.	0	0	0	0.00	11.56	1105.78

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	PWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.76	2.60	0.00	11.60	0.00	54.00	0.00	580.50	580.50

*SECNO 123.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.14	589.63	0.00	223.	487.	54.	74.	586.90	589.54

3470 ENCROACHMENT STATIONS= 1045.0 1165.0 TYPE= 1 TARGET= 0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
ELENCL=	0.00	ELENCR=	0.00						
123.00	9.30	589.80	0.00	589.80	590.64	0.83	1.00	0.00	589.59
710.	1.	707.	2.	5.	96.	10.	1.	0.	589.54
0.00	0.18	7.35	0.21	0.050	0.013	0.050	0.000	580.50	1045.30
0.000726	79.	79.	79.	4	0	0	0.00	136.32	1181.62

CCHV= 0.100 CEHV= 0.300
*SECNO 183.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1075.0 1150.0 TYPE= 1 TARGET= 75.000
100 FT UPSTREAM OF VREELAND RD-SEC 2

183.00	9.19	590.69	0.00	590.71	590.74	0.05	0.02	0.08	586.10
710.	0.	407.	303.	0.	193.	247.	1.	0.	585.30
0.01	0.00	2.11	1.23	0.050	0.035	0.050	0.000	581.50	1075.00
0.000225	60.	60.	60.	2	0	0	0.00	75.00	1150.00

*SECNO 2483.000

3470 ENCROACHMENT STATIONS= 520.0 1100.0 TYPE= 1 TARGET= 580.000
SECTION 3

2483.00	7.49	590.89	0.00	590.84	590.90	0.00	0.15	0.00	587.00
710.	121.	140.	449.	301.	182.	1339.	61.	18.	588.00
1.49	0.40	0.77	0.34	0.050	0.035	0.050	0.000	583.40	520.00
0.000031	2300.	2300.	2300.	3	0	0	0.00	580.00	1100.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3883.000

3470 ENCROACHMENT STATIONS= 1725.0 1850.0 TYPE= 1 TARGET= 125.000
SECTION 4 DOWNSTREAM OF CONFLUENCE

3883.00	6.17	590.97	0.00	590.92	591.06	0.09	0.12	0.04	588.30
710.	90.	356.	264.	65.	116.	189.	96.	29.	588.30
1.67	1.38	3.05	1.40	0.050	0.035	0.050	0.000	584.80	1725.00
0.000676	1400.	1400.	1400.	2	0	0	0.00	125.00	1850.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5233.000

3470 ENCROACHMENT STATIONS= 150.0 380.0 TYPE= 1 TARGET= 230.000
FLOW CHANGE DUE TO BRANCH-SEC 5
50 FT DOWNSTREAM OF PLANT ACCESS ROAD

5233.00	6.54	591.74	0.00	591.67	591.79	0.05	0.73	0.01	590.00
406.	124.	266.	16.	184.	121.	29.	107.	34.	590.00
1.89	0.67	2.20	0.56	0.050	0.035	0.050	0.000	585.20	150.00
0.000381	1350.	1350.	1350.	2	0	0	0.00	217.36	367.36

CCHV= 0.600 CEHV= 1.000
*SECNO 5283.000

3470 ENCROACHMENT STATIONS= 180.0 330.0 TYPE= 1 TARGET= 150.000
CULVERT AT PLANT ACCESS RD-SEC 5

5283.00	7.06	591.76	0.00	591.69	591.93	0.17	0.02	0.12	591.08
406.	51.	354.	1.	106.	100.	5.	107.	35.	591.39
1.90	0.48	3.56	0.19	0.050	0.017	0.050	0.000	584.70	180.00
0.000286	50.	50.	50.	1	0	0	0.00	150.00	330.00

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	16.00	0.00	78.00	0.00	585.10	585.10

*SECNO 5317.000
6870 D.S. ENERGY OF 591.93 HIGHER THAN COMPUTED ENERGY OF 591.92
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.44	592.33	0.00	212.	194.	78.	78.	589.96	590.61

3470 ENCROACHMENT STATIONS= 65.0 330.0 TYPE= 1 TARGET= 265.000

5317.00	7.09	591.79	0.00	591.69	591.93	0.14	0.00	0.00	591.08
406.	70.	335.	1.	173.	100.	5.	107.	35.	591.39
1.90	0.40	3.36	0.19	0.050	0.017	0.050	0.000	584.70	65.00
0.000254	34.	34.	34.	2	0	5	0.00	265.00	330.00

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    SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS      BANK ELEV
    Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA     LEFT/RIGHT
    TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN       SSTA
    SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID      ENDST

*SECNO 5417.000
 2300 NAT Q1=     156.44  WSEL=     591.87  ENC Q1=     155.44  WSEL=     591.97  RATIO=  0.0000
 NAT Q1=     169.  RATIOS LOB,CH,ROB=  0.3559  0.6344  0.0097  WSEL=     591.97

3470 ENCROACHMENT STATIONS=      159.2      308.0  TYPE=       4  TARGET=        0.075
  5417.00       7.22     591.92       0.00     591.87     592.01       0.09       0.04       0.04     591.08
      406.       124.       282.         0.       146.       102.         0.        108.         35.     591.39
     1.92       0.85       2.76       0.00      0.050      0.035      0.050      0.000     584.70     159.19
 0.000728       100.       100.       100.          2          0          0       0.00     148.81     308.00

*SECNO 6255.000
 2800 NAT Q1=     152.65  WSEL=     592.45  ENC Q1=     152.65  WSEL=     592.55  RATIO=  0.0000
 NAT Q1=     161.  RATIOS LOB,CH,ROB=  0.1041  0.7879  0.1080  WSEL=     592.55

3470 ENCROACHMENT STATIONS=       86.7      141.6  TYPE=       4  TARGET=        0.053
          50 FT DOWNSTREAM VAN HORN RD-SEC 6
  6255.00       6.03     592.53       0.00     592.45     592.66       0.13       0.61       0.04     589.90
      406.         33.       338.         35.         27.       109.         32.       112.         37.     590.30
     2.00       1.20       3.09       1.09      0.050      0.035      0.050      0.000     586.50      86.73
 0.000721       838.       838.       838.          2          0          0       0.00      54.91     141.65

CCHV=   0.600 CEHV=   1.000
*SECNO 6305.000

3470 ENCROACHMENT STATIONS=      100.0      111.5  TYPE=       1  TARGET=       11.500

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=       594.00 ELREA=       594.00

          FLOW CHANGE DUE TO SEWER INFLOW
          BRIDGE AT VAN HORN RD AND RR TRACKS-SEC 7-8
  6305.00       5.67     592.57       0.00     592.49     592.93       0.36       0.04       0.23     596.00
      286.         0.       286.         0.         0.         59.         0.        112.         37.  100000.00
     2.00       0.00       4.82       0.00      0.050      0.017      0.050      0.000     586.90     100.19
 0.000801         50.         50.         50.          0          0          0       0.00      11.10     111.29
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.74	2.60	0.00	10.50	0.00	53.00	0.10	586.90	586.90

*SECNO 6365.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.35	592.93	0.00	0.	286.	53.	52.	591.61	596.00

3470 ENCROACHMENT STATIONS= 100.0 111.5 TYPE= 1 TARGET= 0.000
ELENCL= 0.00 ELENCR= 0.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 596.00 ELREA= 596.70

6365.00	6.15	593.05	0.00	592.96	593.35	0.30	0.43	0.00	596.00
286.	0.	286.	0.	0.	65.	0.	112.	37.	596.70
2.01	0.00	4.42	0.00	0.050	0.017	0.050	0.000	586.90	100.16
0.000634	50.	60.	55.	2	0	0	0.00	11.15	111.31

*SECNO 6366.000

3470 ENCROACHMENT STATIONS= 94.0 106.0 TYPE= 1 TARGET= 12.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

6366.00	8.54	593.24	0.00	593.17	593.43	0.18	0.00	0.07	597.78
286.	0.	286.	0.	0.	84.	0.	112.	37.	100000.00
2.01	0.00	3.42	0.00	0.050	0.017	0.050	0.000	584.70	94.40
0.000317	1.	1.	1.	2	0	0	0.00	11.25	105.65

SPECIAL BRIDGE

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	12.00	0.00	82.00	0.00	584.70	584.70

*SECNO 6405.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELRD
593.55	593.43	0.00	0.	286.	82.	83.	591.62	597.78

3470 ENCROACHMENT STATIONS= 94.0 106.0 TYPE= 1 TARGET= 0.000
ELENCL= 0.00 ELENCR= 0.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 597.78 ELREA= 597.78

6405.00	8.67	593.37	0.00	593.29	593.55	0.18	0.12	0.00	597.78
286.	0.	286.	0.	0.	85.	0.	112.	37.	597.79
2.01	0.00	3.36	0.00	0.050	0.017	0.050	0.000	584.70	94.39
0.000303	39.	39.	39.	2	0	0	0.00	11.28	105.66

CCHV= 0.100 CEHV= 0.300
*SECNO 6417.000

3470 ENCROACHMENT STATIONS= 95.0 130.0 TYPE= 1 TARGET= 35.000

6417.00	7.01	593.51	0.00	593.43	593.57	0.05	0.00	0.01	589.90
286.	12.	258.	16.	17.	132.	21.	112.	37.	590.30
2.01	0.72	1.96	0.74	0.050	0.035	0.050	0.000	586.50	95.00
0.000224	12.	12.	12.	2	0	0	0.00	35.00	130.00

*SECNO 6967.000
2800 NAT Q1= 334.98 WSEL= 593.56 ENC Q1= 334.98 WSEL= 593.66 RATIO= 0.0000
NAT Q1= 358. RATIOS LOB/CH/ROB= 0.2134 0.3335 0.4531 WSEL= 593.66

3470 ENCROACHMENT STATIONS= 30.3 231.2 TYPE= 4 TARGET= 0.063
FLOW CHANGE AT CONFLUENCE WITH CLEE WEST-SEC 9

6967.00	6.03	593.63	0.00	593.56	593.64	0.01	0.07	0.00	591.00
317.	61.	114.	142.	136.	105.	270.	117.	39.	591.50
2.23	0.45	1.08	0.53	0.050	0.035	0.050	0.000	587.60	30.33
0.000092	550.	550.	550.	2	0	0	0.00	200.84	231.16

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 7894.000

3470 ENCROACHMENT STATIONS= 75.0 123.0 TYPE= 1 TARGET= 48.000

7894.00	6.20	593.80	0.00	593.72	593.86	0.07	0.16	0.06	591.00
317.	68.	249.	0.	62.	109.	0.	124.	41.	100000.00
2.35	1.09	2.29	0.00	0.050	0.035	0.050	0.000	587.60	75.00
0.000448	927.	927.	927.	1	0	0	0.00	48.00	123.00

*SECNO 7965.000

3470 ENCROACHMENT STATIONS= 94.0 106.0 TYPE= 1 TARGET= 12.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 601.00 ELREA= 601.00

BOX CULVERT AT I-75-SEC 10

7965.00	5.74	593.84	0.00	593.77	594.34	0.50	0.05	0.43	606.14
317.	0.	317.	0.	0.	56.	0.	124.	41.	100000.00
2.36	0.00	5.65	0.00	0.050	0.017	0.050	0.000	588.10	94.70
0.001085	71.	71.	71.	2	0	0	0.00	10.59	105.29

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.60	0.00	12.00	0.00	102.00	0.00	588.10	588.10

*SECNO 8160.000

6070, LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 594.339 ELLC= 596.520 PCWSE= 593.843 ELTRD= 606.140

3370 NORMAL BRIDGE, NRD= 5 MIN ELTRD= 606.14 MAX ELLC= 596.52

3470 ENCROACHMENT STATIONS= 94.0 106.0 TYPE= 1 TARGET= 0.000
ELENCL= 0.00 ELENCR= 0.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 606.14 ELREA= 606.41

8160.00	6.02	594.12	0.00	594.06	594.57	0.45	0.20	0.03	606.14
317.	0.	317.	0.	0.	55.	0.	124.	41.	606.41
2.37	0.00	5.37	0.00	0.050	0.017	0.050	0.000	588.10	94.69
0.000948	195.	195.	195.	2	0	0	0.00	10.62	105.31

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 8240.000

2800 NAT Q1= 164.68 WSEL= 594.74 ENC Q1= 164.68 WSEL= 594.84 RATIO= 0.0000

NAT Q1= 1147. RATIOS LOB/CH/ROB= 0.8425 0.0983 0.0592 WSEL= 594.84

3470 ENCROACHMENT STATIONS= 2280.3 2339.0 TYPE= 4 TARGET= 0.856

8240.00	5.99	594.79	0.00	594.74	594.85	0.06	0.05	0.23	592.00
317.	106.	211.	0.	97.	95.	0.	125.	42.	591.60
2.38	1.09	2.23	0.00	0.050	0.035	0.050	0.000	588.80	2280.30
0.000438	80.	80.	80.	2	0	0	0.00	58.70	2339.00

*SECNO 8320.000

3470 ENCROACHMENT STATIONS= 2304.0 2327.0 TYPE= 1 TARGET= 23.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE/ELLEA= 595.00 ELREA= 595.00

FOOT BRIDGE-SEC 11

8320.00	6.13	594.83	0.00	594.78	594.95	0.12	0.04	0.06	592.40
317.	0.	317.	0.	0.	114.	0.	125.	42.	100000.00
2.39	0.00	2.77	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.000630	80.	80.	80.	1	0	0	0.00	23.00	2327.00

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.60	0.00	23.00	0.00	150.00	0.00	588.70	588.70

*SECNO 8332.000

6070/LOW FLOW BY NORMAL BRIDGE

EGPRS= 594.941 EGLWC= 594.952 ELLC= 594.390 PCWSE= 594.832 ELTRD= 595.350

3370 NORMAL BRIDGE/NRD= 4 MIN ELTRD= 595.35 MAX ELLC= 594.39

3470 ENCROACHMENT STATIONS= 2304.0 2327.0 TYPE= 1 TARGET= 0.000

ELENCL= 0.00 ELENCR= 0.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE/ELLEA= 595.35 ELREA= 595.35

8332.00	6.15	594.85	0.00	594.79	595.03	0.19	0.01	0.07	592.40
317.	0.	317.	0.	0.	92.	0.	125.	42.	592.50
2.39	0.00	3.46	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.002796	12.	12.	12.	1	0	0	-27.28	23.00	2327.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 8444.000

3470 ENCROACHMENT STATIONS= 575.0 725.0 TYPE= 1 TARGET= 150.000

8444.00	6.27	595.07	0.00	595.02	595.09	0.02	0.04	0.02	592.00
317.	45.	135.	138.	69.	96.	228.	126.	42.	591.60
2.42	0.64	1.40	0.61	0.050	0.035	0.050	0.000	588.80	575.00
0.000136	112.	112.	112.	2	0	0	0.00	150.00	725.00

*SECNO 9674.000

3470 ENCROACHMENT STATIONS= 1000.0 1175.0 TYPE= 1 TARGET= 175.000
800 FT DOWNSTREAM OF HALL RD-SEC 13

9674.00	6.46	595.26	0.00	595.19	595.28	0.02	0.19	0.00	592.50
317.	101.	172.	44.	176.	110.	82.	136.	46.	592.80
2.73	0.57	1.57	0.54	0.050	0.035	0.050	0.000	588.80	1000.00
0.000175	1230.	1230.	1230.	3	0	0	0.00	175.00	1175.00

CCHV= 0.600 CEHV= 1.000
*SECNO 10403.000

3470 ENCROACHMENT STATIONS= 1100.0 1130.0 TYPE= 1 TARGET= 30.000

10403.00	6.65	595.45	0.00	595.38	595.56	0.10	0.20	0.08	592.50
317.	2.	299.	17.	3.	114.	17.	141.	48.	592.80
2.81	0.53	2.62	0.97	0.050	0.035	0.050	0.000	588.80	1100.00
0.000465	729.	729.	729.	2	0	0	0.00	30.00	1130.00

*SECNO 10433.000
2800 NAT Q1= 235.44 WSEL= 595.39 ENC Q1= 240.69 WSEL= 595.49 RATIO= -0.0223
NAT Q1= 241. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 595.49

3470 ENCROACHMENT STATIONS= 2893.0 2907.0 TYPE= 4 TARGET= 0.000
TWIN CULVERT AT HALL RD-SEC 14

10433.00	7.16	595.46	0.00	595.39	595.67	0.21	0.01	0.11	596.51
317.	0.	317.	0.	0.	86.	0.	141.	48.	596.51
2.81	0.00	3.68	0.00	0.050	0.011	0.050	0.000	588.30	2893.02
0.000176	30.	30.	30.	0	0	0	0.00	13.89	2906.91

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.57	2.60	0.00	14.00	0.00	57.00	0.00	587.90	588.30

*SECNO 10515.000

2800 NAT Q1= 263.92 WSEL= 595.90 ENC Q1= 268.21 WSEL= 596.00 RATIO= -0.0163

NAT Q1= 273. RATIOS LOB,CH,ROB= 0.0098 0.9824 0.0078 WSEL= 596.00

WATER EL=CHANGE FROM NATURAL PROFILES BRIDGE

3470 ENCROACHMENT STATIONS= 2893.0 2907.0 TYPE= 4 TARGET= 0.018

10515.00	7.67	595.97	0.00	595.90	596.15	0.18	0.01	0.02	596.51
317.	0.	317.	0.	0.	93.	0.	141.	48.	596.51
2.82	0.00	3.40	0.00	0.050	0.011	0.050	0.000	588.30	2893.01
0.000141	82.	82.	82.	0	0	4	0.00	13.94	2906.95

CCHV= 0.300 CEHV= 0.500

*SECNO 10744.000

3470 ENCROACHMENT STATIONS= 2670.0 3000.0 TYPE= 1 TARGET= 330.000

200 FT UPSTREAM OF HALL RD-SEC 15

10744.00	6.91	596.21	0.00	596.14	596.22	0.00	0.01	0.05	593.70
317.	0.	200.	117.	0.	313.	503.	143.	49.	594.00
2.95	0.00	0.64	0.23	0.050	0.035	0.050	0.000	589.30	2670.00
0.000027	229.	229.	229.	2	0	0	0.00	330.00	3000.00

CCHV= 0.600 CEHV= 1.000

*SECNO 10903.000

3470 ENCROACHMENT STATIONS= 2670.0 2755.0 TYPE= 1 TARGET= 85.000

10903.00	6.92	596.22	0.00	596.15	596.23	0.01	0.01	0.01	593.70
317.	0.	297.	20.	0.	314.	55.	145.	50.	594.00
3.00	0.00	0.95	0.36	0.050	0.035	0.050	0.000	589.30	2670.00
0.000058	159.	159.	159.	0	0	0	0.00	85.00	2755.00

*SECNO 10918.000

3470 ENCROACHMENT STATIONS= 2670.0 2755.0 TYPE= 1 TARGET= 85.000

10918.00	6.92	596.22	0.00	596.15	596.23	0.01	0.00	0.00	593.70
317.	0.	297.	20.	0.	313.	55.	145.	50.	594.00
3.00	0.00	0.95	0.36	0.050	0.035	0.050	0.000	589.30	2670.00
0.000058	15.	15.	15.	0	0	0	0.00	85.00	2755.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10933.000
3700. BRIDGE STENCL= 2670.00 STENCR= 2755.00
2800 NAT Q1= 219.27 WSEL= 596.16 ENC Q1= 219.27 WSEL= 596.26 RATIO= 0.0000
NAT Q1= 650. RATIOS LOB,CH,ROB= 0.9476 0.0516 0.0008 WSEL= 596.26

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1135.8 1771.6 TYPE= 4 TARGET= 0.663
CULVERT AT GRIX RD-SEC 16

10933.00	6.73	596.23	0.00	596.16	596.24	0.01	0.00	0.00	596.45
317.	267.	50.	0.	567.	44.	0.	146.	50.	596.49
3.01	0.47	1.14	0.00	0.050	0.035	0.050	0.000	589.50	1135.80
0.000228	15.	15.	15.	1	0	0	0.00	553.94	1771.60

*SECNO 10957.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1135.0 1770.0 TYPE= 1 TARGET= 635.000

10957.00	6.74	596.24	0.00	596.16	596.24	0.01	0.01	0.00	596.45
317.	267.	50.	0.	573.	44.	0.	146.	50.	596.49
3.02	0.47	1.13	0.00	0.050	0.035	0.050	0.000	589.50	1135.00
0.000222	24.	24.	24.	0	0	0	0.00	556.22	1770.00

*SECNO 10966.000

3470 ENCROACHMENT STATIONS= 2670.0 3300.0 TYPE= 1 TARGET= 630.000

10966.00	6.94	596.24	0.00	596.17	596.25	0.00	0.00	0.00	593.70
317.	0.	146.	171.	0.	315.	1033.	146.	50.	594.00
3.03	0.00	0.47	0.17	0.050	0.035	0.050	0.000	589.30	2670.00
0.000014	9.	9.	9.	0	0	0	0.00	630.00	3300.00

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   SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS    BANK ELEV
   Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA   LEFT/RIGHT
   TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN       SSTA
   SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID      ENDST

CCHV=   0.100 CEHV=   0.300
*SECNO 11921.000
 2800 NAT Q1=     134.08  WSEL=     596.16  ENC Q1=     134.08  WSEL=     596.26  RATIO=  0.0000
 NAT Q1=     142.  RATIOS LOB,CH,ROB=  0.3068  0.6877  0.0055  WSEL=     596.26

3470 ENCROACHMENT STATIONS=     1576.0     1625.0  TYPE=      4  TARGET=       0.056
          1000 FT UPSTREAM OF GRIX RD-SEC 17
 11921.00       5.73     596.23       0.00     596.16     596.31       0.07       0.04       0.02     593.00
      317.         86.        231.         0.         66.         95.         0.        163.         58.     596.20
     3.15       1.31       2.43       0.01      0.050      0.035      0.050      0.000     590.50    1575.98
 0.000571        955.       955.       955.          2          0          0       0.00      49.05    1625.04

*SECNO 12721.000
 2800 NAT Q1=     111.82  WSEL=     596.65  ENC Q1=     111.82  WSEL=     596.75  RATIO=  0.0000
 NAT Q1=     118.  RATIOS LOB,CH,ROB=  0.0729  0.8518  0.0752  WSEL=     596.75

3470 ENCROACHMENT STATIONS=     1983.9     2026.8  TYPE=      4  TARGET=       0.056
          1000 FT DOWNSTREAM OF WEST-RD SEC 18
 12721.00       5.83     596.73       0.00     596.65     596.87       0.13       0.54       0.02     595.40
      317.         15.        287.         15.         17.         94.         11.        165.         59.     594.00
     3.23       0.87       3.06       1.31      0.050      0.035      0.050      0.000     590.90    1983.93
 0.000817        800.       300.       800.          1          0          0       0.00      42.90    2026.84

*SECNO 13641.000

3470 ENCROACHMENT STATIONS=     1676.0     1705.0  TYPE=      1  TARGET=      29.000
 13641.00       5.74     597.54       0.00     597.46     597.68       0.14       0.81       0.00     598.00
      317.         0.        317.         0.         0.        105.         0.        168.         59.  100000.00
     3.31       0.00       3.01       0.00      0.050      0.035      0.050      0.000     591.80    1676.62
 0.000962        920.       920.       920.          2          0          0       0.00      27.14    1703.76

CCHV=   0.600 CEHV=   1.000
*SECNO 13683.000

3470 ENCROACHMENT STATIONS=     1695.0     1705.0  TYPE=      1  TARGET=      10.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      597.70 ELREA=      597.70

          CULVERT AT WEST RD-SEC 19
 13683.00       6.72     597.58       0.00     597.50     597.93       0.35       0.04       0.21     599.13
      317.         0.        317.         0.         0.         67.         0.        168.         59.  100000.00
     3.32       0.00       4.75       0.00      0.050      0.019      0.050      0.000     590.86    1695.01
 0.000905         42.        42.        42.          0          0          0       0.00       9.98    1704.99
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.73	2.60	0.00	10.00	0.00	49.00	0.00	590.86	590.86

*SECNO 13759.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
598.71	597.93	0.00	0.	317.	49.	58.	596.63	598.92

3470 ENCROACHMENT STATIONS= 1695.0 1705.0 TYPE= 1 TARGET= 0.000
ELENCL= 0.00 ELENCR= 0.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 598.92 ELREA= 599.02

13759.00	7.57	598.43	0.00	598.35	598.71	0.28	0.77	0.00	599.13
317.	0.	317.	0.	0.	75.	0.	168.	59.	599.13
3.32	0.00	4.21	0.00	0.050	0.019	0.050	0.000	590.86	1695.00
0.000667	76.	76.	76.	2	0	0	0.00	9.99	1705.00

CCHV= 0.100 CEHV= 0.300
*SECNO 13771.000
2800 NAT Q1= 146.27 WSEL= 598.57 ENC Q1= 152.01 WSEL= 598.67 RATIO= -0.0392
NAT Q1= 881. RATIOS LOB,CH,ROB= 0.8247 0.1725 0.0028 WSEL= 598.67

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 4 TARGET= 0.827

13771.00	6.85	598.65	0.00	598.57	598.73	0.08	0.01	0.02	598.00
317.	0.	317.	0.	0.	137.	0.	168.	59.	598.30
3.32	0.00	2.32	0.00	0.050	0.035	0.050	0.000	591.80	1676.00
0.000460	12.	12.	12.	2	0	0	0.00	29.00	1705.00

*SECNO 13883.000
2800 NAT Q1= 203.29 WSEL= 598.66 ENC Q1= 203.29 WSEL= 598.76 RATIO= 0.0000
NAT Q1= 977. RATIOS LOB,CH,ROB= 0.8354 0.1606 0.0040 WSEL= 598.76

3470 ENCROACHMENT STATIONS= 1552.5 1705.0 TYPE= 4 TARGET= 0.792

13883.00	6.93	598.73	0.00	598.66	598.77	0.04	0.04	0.00	598.00
317.	71.	246.	0.	137.	139.	0.	168.	60.	598.30
3.34	0.52	1.77	0.00	0.050	0.035	0.050	0.000	591.80	1552.54
0.000255	112.	112.	112.	2	0	0	0.00	152.46	1705.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14175.000
2300 NAT Q1= 416.66 WSEL= 598.72 ENC Q1= 416.66 WSEL= 598.82 RATIO= 0.0000
NAT Q1= 1047. RATIOS LOB,CH,ROB= 0.8418 0.1531 0.0050 WSEL= 598.82

3470 ENCROACHMENT STATIONS= 1168.4 1705.0 TYPE= 4 TARGET= 0.602

14175.00	7.00	598.80	0.00	598.72	598.81	0.01	0.03	0.00	598.00
317.	194.	123.	0.	685.	141.	0.	172.	62.	598.30
3.50	0.28	0.87	0.00	0.050	0.035	0.050	0.000	591.80	1168.37
0.000061	292.	292.	292.	2	0	0	0.00	536.63	1705.00

CCHV= 0.600 CEHV= 1.000
*SECNO 14237.000

3470 ENCROACHMENT STATIONS= 1791.5 1808.5 TYPE= 1 TARGET= 17.000
TWIN CULVERT AT GUDITH RD-SEC 21

14237.00	7.31	598.81	0.00	598.73	598.92	0.11	0.00	0.11	597.67
317.	0.	317.	0.	0.	119.	0.	173.	62.	100000.00
3.51	0.00	2.67	0.00	0.050	0.011	0.050	0.000	591.50	1791.50
0.000066	62.	62.	62.	0	0	0	0.00	17.00	1808.50

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.58	2.60	0.00	17.00	0.00	34.00	0.00	591.50	591.50

*SECNO 14329.000
3700. BRIDGE STENCL= 1791.50 STENCR= 1808.50
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELRD
600.94	598.92	0.00	114.	200.	34.	54.	594.68	597.67

3470 ENCROACHMENT STATIONS= 1791.5 1808.5 TYPE= 1 TARGET= 17.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 597.67 ELREA= 100000.00

14329.00	8.07	599.57	0.00	599.60	599.66	0.09	0.74	0.00	597.67
317.	0.	317.	0.	0.	132.	0.	173.	62.	100000.00
3.52	0.00	2.41	0.00	0.050	0.011	0.050	0.000	591.50	1791.50
0.000050	92.	92.	92.	2	0	2	0.00	17.00	1808.50

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14346.000
2800 NAT Q1= 773.12 WSEL= 599.62 ENC Q1= 778.12 WSEL= 599.72 RATIO= 0.0000
NAT Q1= 2315. RATIOS LOB,CH,ROB= 0.8624 0.0916 0.0459 WSEL= 599.72

3470 ENCROACHMENT STATIONS= 1187.4 1705.0 TYPE= 4 TARGET= 0.664

14346.00	7.91	599.71	0.00	599.62	599.71	0.00	0.00	0.05	598.00
317.	232.	85.	0.	1102.	168.	0.	173.	63.	598.30
3.54	0.21	0.51	0.00	0.050	0.035	0.050	0.000	591.80	1187.39
0.000017	17.	17.	17.	2	0	0	0.00	517.61	1705.00

*SECNO 15100.000

3470 ENCROACHMENT STATIONS= 330.0 500.0 TYPE= 1 TARGET= 170.000
800 FT UPSTREAM OF GUDITH RD-SEC 22

15100.00	7.24	599.74	0.00	599.64	599.76	0.02	0.03	0.02	598.80
317.	2.	191.	124.	7.	148.	246.	188.	69.	598.63
3.75	0.29	1.29	0.50	0.050	0.035	0.050	0.000	592.50	330.00
0.000125	754.	754.	754.	0	0	0	0.00	170.00	500.00

CCHV= 0.100 CEHV= 0.300
*SECNO 15786.000
2800 NAT Q1= 157.26 WSEL= 599.71 ENC Q1= 161.82 WSEL= 599.81 RATIO= -0.0290
NAT Q1= 162. RATIOS LOB,CH,ROB= 0.0000 0.9958 0.0042 WSEL= 599.81

3470 ENCROACHMENT STATIONS= 5800.0 5832.0 TYPE= 4 TARGET= 0.004
1400 FT UPSTREAM OF GUDITH RD-SEC 23

15786.00	7.04	599.84	0.00	599.71	599.91	0.07	0.14	0.02	600.60
317.	0.	317.	0.	0.	147.	0.	192.	70.	599.00
3.84	0.00	2.16	0.00	0.050	0.035	0.050	0.000	592.80	5801.27
0.000389	686.	686.	686.	2	0	0	0.00	30.73	5832.00

*SECNO 16886.000

3470 ENCROACHMENT STATIONS= 3950.0 4031.0 TYPE= 1 TARGET= 81.000
900 FT DOWNSTREAM OF CARTER RD-SEC 24

16886.00	6.13	600.33	0.00	600.22	600.42	0.09	0.50	0.01	599.90
317.	1.	316.	0.	3.	131.	0.	196.	71.	100000.00
3.97	0.24	2.41	0.00	0.050	0.035	0.050	0.000	594.20	3984.81
0.000534	1100.	1100.	1100.	2	0	0	0.00	46.07	4030.88

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17703.000

3470 ENCROACHMENT STATIONS= 4000.0 4031.0 TYPE= 1 TARGET= 31.000

17703.00	6.53	600.73	0.00	600.65	600.80	0.08	0.38	0.00	599.90
317.	0.	317.	0.	0.	144.	0.	198.	72.	100000.00
4.07	0.00	2.21	0.00	0.050	0.035	0.050	0.000	594.20	4000.00
0.000417	817.	817.	817.	2	0	0	0.00	31.00	4031.00

CCHV= 0.600 CEHV= 1.000

*SECNO 17741.000

3470 ENCROACHMENT STATIONS= 4245.5 4254.5 TYPE= 1 TARGET= 9.000

CULVERT AT CARTER RD-SEC 25

17741.00	6.30	600.75	0.00	600.68	601.25	0.50	0.03	0.42	600.82
317.	0.	317.	0.	0.	56.	0.	198.	72.	100000.00
4.07	0.00	5.66	0.00	0.050	0.019	0.050	0.000	594.45	4245.50
0.001451	38.	38.	38.	0	0	0	0.00	9.00	4254.50

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.34	2.60	0.00	9.00	0.00	32.00	0.00	594.45	594.45

*SECNO 17833.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.32	601.25	0.00	193.	124.	32.	44.	599.30	600.46

3470 ENCROACHMENT STATIONS= 4231.0 4375.0 TYPE= 1 TARGET= 144.000

17833.00	6.46	600.91	0.00	600.88	601.30	0.39	0.05	0.00	600.82
317.	0.	297.	20.	1.	58.	40.	199.	72.	600.75
4.08	0.16	5.16	0.50	0.050	0.019	0.050	0.000	594.45	4231.00
0.001171	92.	92.	92.	3	0	0	0.00	144.00	4375.00

CCHV= 0.100 CEHV= 0.300

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 17844.000
2800 NAT Q1= 63.34 WSEL= 601.10 ENC Q1= 63.34 WSEL= 601.20 RATIO= 0.0000
NAT Q1= 69. RATIOS LOB,CH,ROB= 0.0221 0.7438 0.2341 WSEL= 601.20

3470 ENCROACHMENT STATIONS= 4245.5 4340.4 TYPE= 4 TARGET= 0.082

17844.00	6.59	601.04	0.00	601.10	601.33	0.29	0.02	0.01	600.82
317.	0.	276.	41.	0.	59.	41.	199.	72.	600.75
4.08	0.00	4.65	1.02	0.050	0.035	0.050	0.000	594.45	4245.50
0.003177	11.	11.	11.	2	0	0	0.00	94.92	4340.42

*SECNO 18144.000
2800 NAT Q1= 103.05 WSEL= 601.69 ENC Q1= 103.05 WSEL= 601.79 RATIO= 0.0000
NAT Q1= 114. RATIOS LOB,CH,ROB= 0.2993 0.6058 0.0949 WSEL= 601.79

3470 ENCROACHMENT STATIONS= 1043.1 1152.7 TYPE= 4 TARGET= 0.095
CORPORATE BOUNDARY-SEC 26

18144.00	6.15	601.75	0.00	601.69	601.85	0.10	0.49	0.02	601.00
317.	86.	215.	16.	76.	73.	22.	200.	73.	600.90
4.11	1.14	2.94	0.72	0.050	0.035	0.050	0.000	595.60	1043.12
0.001008	300.	300.	300.	2	0	0	0.00	109.63	1152.75

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THIS RUN EXECUTED 2 MAR 84 11:53:41

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BROWNSTOWN CREEK WITHOUT

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL ✓	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL ✓	STCHL ✓	STCHR ✓	STENCR ✓
0.000	588.40	0.00	588.41	511.03	127.44	214.73	367.83	0.00	0.00	275.00	300.00	0.00
0.000	588.40	0.00	588.41	298.67	115.34	224.53	370.14	0.05	221.29	275.00	300.00	519.96
44.000	588.41	0.00	589.63	11.56	0.00	710.00	0.00	0.00	0.00	1094.20	1105.80	0.00
44.000	588.41	0.00	589.63	11.56	0.00	710.00	0.00	120.00	1045.00	1094.20	1105.80	1165.00
123.000	589.80	0.00	590.64	136.20	0.93	707.01	2.06	0.00	0.00	1094.20	1105.80	0.00
123.000	589.80	0.00	590.64	136.32	0.94	707.00	2.06	0.00	1045.00	1094.20	1105.80	1165.00
183.000	590.71	0.00	590.73	135.00	210.30	298.65	201.05	135.00	1015.00	1075.00	1100.00	1150.00
183.000	590.69	-0.02	590.74	75.00	0.00	406.87	303.13	75.00	1075.00	1075.00	1100.00	1150.00
2483.000	590.84	0.00	590.84	700.00	161.16	131.90	416.94	700.00	400.00	600.00	630.00	1100.00
2483.000	590.89	0.05	590.90	580.00	120.94	139.64	449.42	580.00	520.00	600.00	630.00	1100.00
3883.000	590.92	0.00	590.99	228.36	84.63	338.31	287.06	700.00	1725.00	1750.00	1774.00	2425.00
3883.000	590.97	0.05	591.06	125.00	90.10	355.67	264.23	125.00	1725.00	1750.00	1774.00	1850.00
5233.000	591.67	0.00	591.73	213.61	117.97	273.32	14.72	300.00	150.00	300.00	326.00	450.00
5233.000	591.74	0.07	591.79	217.36	124.18	265.75	16.07	230.00	150.00	300.00	326.00	380.00
5283.000	591.69	0.00	591.85	266.48	59.80	345.70	0.49	0.00	0.00	292.00	308.00	0.00
5283.000	591.76	0.07	591.93	150.00	51.23	353.85	0.92	150.00	180.00	292.00	308.00	330.00
5317.000	591.69	0.00	591.86	265.89	59.51	346.00	0.48	0.00	0.00	292.00	308.00	0.00
5317.000	591.79	0.09	591.93	265.00	69.70	335.28	1.02	265.00	65.00	292.00	308.00	330.00
5417.000	591.87	0.00	591.95	302.34	131.84	271.54	2.62	0.00	0.00	292.00	308.00	0.00
5417.000	591.92	0.05	592.01	148.81	124.08	281.92	0.00	0.08	159.19	292.00	308.00	308.00
6255.000	592.45	0.00	592.57	109.00	39.62	326.04	40.34	0.00	0.00	100.00	123.00	0.00
6255.000	592.53	0.08	592.66	54.91	33.07	338.19	34.74	0.05	86.73	100.00	123.00	141.65

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
6305.000	592.49	0.00	592.86	11.09	0.00	286.00	0.00	0.00	0.00	100.00	111.50	0.00
6305.000	592.57	0.08	592.93	11.10	0.00	286.00	0.00	11.50	100.00	100.00	111.50	111.50
6365.000	592.96	0.00	593.28	11.14	0.00	286.00	0.00	0.00	0.00	100.00	111.50	0.00
6365.000	593.05	0.09	593.35	11.15	0.00	286.00	0.00	0.00	100.00	100.00	111.50	111.50
6366.000	593.17	0.00	593.35	11.24	0.00	286.00	0.00	0.00	0.00	94.00	106.00	0.00
6366.000	593.24	0.08	593.43	11.25	0.00	286.00	0.00	12.00	94.00	94.00	106.00	106.00
6405.000	593.29	0.00	593.47	11.26	0.00	286.00	0.00	0.00	0.00	94.00	106.00	0.00
6405.000	593.37	0.08	593.55	11.28	0.00	286.00	0.00	0.00	94.00	94.00	106.00	106.00
6417.000	593.43	0.00	593.49	35.00	12.20	258.39	15.41	35.00	95.00	100.00	123.00	130.00
6417.000	593.51	0.08	593.57	35.00	12.30	258.07	15.63	35.00	95.00	100.00	123.00	130.00
6967.000	593.56	0.00	593.57	276.50	65.70	108.77	142.54	0.00	0.00	100.00	123.00	0.00
6967.000	593.63	0.08	593.64	200.84	61.28	113.51	142.21	0.06	30.33	100.00	123.00	231.16
7894.000	593.72	0.00	593.79	48.00	66.69	250.30	0.00	48.00	75.00	100.00	123.00	123.00
7894.000	593.80	0.08	593.86	48.00	67.96	249.04	0.00	48.00	75.00	100.00	123.00	123.00
7965.000	593.77	0.00	594.28	10.58	0.00	317.00	0.00	0.00	0.00	94.00	106.00	0.00
7965.000	593.84	0.07	594.34	10.59	0.00	317.00	0.00	12.00	94.00	94.00	106.00	106.00
8160.000	594.06	0.00	594.51	10.61	0.00	317.00	0.00	0.00	0.00	94.00	106.00	0.00
8160.000	594.12	0.06	594.57	10.62	0.00	317.00	0.00	0.00	94.00	94.00	106.00	106.00
8240.000	594.74	0.00	594.80	65.50	49.40	210.49	57.11	65.00	2300.00	2320.00	2339.00	2365.00
8240.000	594.79	0.05	594.85	58.70	105.72	211.28	0.00	0.86	2280.30	2320.00	2339.00	2339.00
8320.000	594.78	0.00	594.90	23.00	0.00	317.00	0.00	0.00	0.00	2304.00	2327.00	0.00
8320.000	594.[illegible]	0.05	594.95	23.00	0.00	317.00	0.00	23.00	2304.00	2304.00	2327.00	2327.00
8332.000	594.79	0.00	594.98	23.00	0.00	317.00	0.00	0.00	0.00	2304.00	2327.00	0.00
8332.000	594.85	0.05	595.03	23.00	0.00	317.00	0.00	0.00	2304.00	2304.00	2327.00	2327.00
8444.000	595.02	0.00	595.03	250.00	39.98	122.58	154.44	250.00	575.00	600.00	619.00	825.00
8444.000	595.07	0.05	595.09	150.00	44.53	134.67	137.81	150.00	575.00	600.00	619.00	725.00
9674.000	595.19	0.00	595.21	254.11	93.85	166.85	56.29	400.00	1000.00	1101.00	1123.00	1400.00
9674.000	595.26	0.07	595.28	175.00	101.13	171.93	43.94	175.00	1000.00	1101.00	1123.00	1175.00
10403.000	595.38	0.00	595.49	30.00	1.54	298.86	16.60	30.00	1100.00	1101.00	1123.00	1130.00
10403.000	595.45	0.07	595.56	30.00	1.55	298.54	16.91	30.00	1100.00	1101.00	1123.00	1130.00
10433.000	595.39	0.00	595.61	13.88	0.00	317.00	0.00	0.00	0.00	2893.00	2907.00	0.00
10433.000	595.46	0.07	595.67	13.89	0.00	317.00	0.00	0.00	2893.00	2893.00	2907.00	2907.00
10515.000	595.90	0.00	596.08	101.94	0.00	315.84	1.16	0.00	0.00	2893.00	2907.00	0.00
10515.000	595.97	0.07	596.15	13.94	0.00	317.00	0.00	0.02	2893.00	2893.00	2907.00	2907.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10744.000	596.14	0.00	596.15	560.00	27.31	181.55	108.14	560.00	2470.00	2670.00	2729.00	3030.00
10744.000	596.21	0.07	596.22	330.00	0.00	200.48	116.52	330.00	2670.00	2670.00	2729.00	3000.00
10903.000	596.15	0.00	596.16	800.00	48.79	252.48	15.73	800.00	1955.00	2670.00	2729.00	2755.00
10903.000	596.22	0.07	596.23	85.00	0.00	297.36	19.64	85.00	2670.00	2670.00	2729.00	2755.00
10918.000	596.15	0.00	596.16	800.00	48.05	253.24	15.71	800.00	1955.00	2670.00	2729.00	2755.00
10918.000	596.22	0.07	596.23	85.00	0.00	297.42	19.58	85.00	2670.00	2670.00	2729.00	2755.00
10933.000	596.16	0.00	596.16	694.17	289.98	27.01	0.01	800.00	1000.00	1696.50	1703.50	1800.00
10933.000	596.23	0.07	596.24	553.94	266.70	50.30	0.00	0.66	1135.80	1696.50	1703.50	1771.60
10957.000	596.16	0.00	596.17	697.79	290.42	26.56	0.02	800.00	1000.00	1696.50	1703.50	1800.00
10957.000	596.24	0.07	596.24	556.22	267.31	49.69	0.00	635.00	1135.00	1696.50	1703.50	1770.00
10966.000	596.17	0.00	596.17	800.00	22.79	141.30	152.91	800.00	2500.00	2670.00	2729.00	3300.00
10966.000	596.24	0.08	596.25	630.00	0.00	146.45	170.55	630.00	2670.00	2670.00	2729.00	3300.00
11921.000	596.16	0.00	596.22	74.18	95.10	221.90	0.00	500.00	1500.00	1601.00	1625.00	2000.00
11921.000	596.23	0.08	596.31	49.05	85.94	231.05	0.00	0.06	1575.98	1601.00	1625.00	1625.04
12721.000	596.65	0.00	596.77	100.49	19.08	274.97	22.95	0.00	0.00	2000.00	2022.00	0.00
12721.000	596.73	0.08	596.87	42.90	15.06	287.11	14.83	0.06	1983.93	2000.00	2022.00	2026.84
13641.000	597.46	0.00	597.61	26.90	0.00	317.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13641.000	597.54	0.08	597.68	27.14	0.00	317.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13683.000	597.50	0.00	597.86	9.98	0.00	317.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13683.000	597.58	0.08	597.93	9.98	0.00	317.00	0.00	10.00	1695.00	1695.00	1705.00	1705.00
13759.000	598.35	0.00	598.63	9.99	0.00	317.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13759.000	598.43	0.08	598.71	9.99	0.00	317.00	0.00	0.00	1695.00	1695.00	1705.00	1705.00
13771.000	598.57	0.00	598.65	95.37	0.00	314.25	2.75	154.00	1676.00	1676.00	1705.00	1830.00
13771.000	598.65	0.08	598.73	29.00	0.00	317.00	0.00	0.83	1676.00	1676.00	1705.00	1705.00
13883.000	598.66	0.00	598.70	255.32	77.16	236.25	3.59	300.00	1530.00	1676.00	1705.00	1830.00
13883.000	598.73	0.07	598.77	152.46	70.80	246.20	0.00	0.79	1552.54	1676.00	1705.00	1705.00
14175.000	598.72	0.00	598.73	692.12	196.62	117.88	2.50	730.00	1100.00	1676.00	1705.00	1830.00
14175.000	598.80	0.08	598.81	536.63	194.32	122.68	0.00	0.60	1168.37	1676.00	1705.00	1705.00
14237.000	598.73	0.00	598.76	740.00	98.82	212.75	5.43	740.00	1230.00	1791.50	1808.50	1970.00
14237.000	598.81	0.08	598.32	17.00	0.00	317.00	0.00	17.00	1791.50	1791.50	1808.50	1808.50
14329.000	599.60	0.00	599.61	690.00	143.03	152.72	21.24	690.00	1280.00	1791.50	1808.50	1970.00
14329.000	599.57	-0.03	599.66	17.00	0.00	317.00	0.00	17.00	1791.50	1791.50	1808.50	1808.50
14346.000	599.62	0.00	599.62	690.00	215.91	83.77	17.32	690.00	1180.00	1676.00	1705.00	1870.00
14346.000	599.71	0.09	599.71	517.61	232.08	84.92	0.00	0.66	1187.39	1676.00	1705.00	1705.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
15100.000	599.64	0.00	599.65	340.00	50.32	155.94	110.74	340.00	180.00	338.00	368.00	520.00
15100.000	599.74	0.10	599.76	170.00	2.04	191.25	123.71	170.00	330.00	338.00	368.00	500.00
15786.000	599.71	0.00	599.79	39.64	0.00	316.03	0.97	0.00	0.00	5800.00	5832.00	0.00
15786.000	599.84	0.13	599.91	30.73	0.00	317.00	0.00	0.00	5800.00	5800.00	5832.00	5832.00
16886.000	600.22	0.00	600.32	42.29	0.40	316.60	0.00	81.00	3950.00	4000.00	4031.00	4031.00
16886.000	600.33	0.10	600.42	46.07	0.79	316.21	0.00	81.00	3950.00	4000.00	4031.00	4031.00
17703.000	600.65	0.00	600.73	31.00	0.00	317.00	0.00	31.00	4000.00	4000.00	4031.00	4031.00
17703.000	600.73	0.07	600.80	31.00	0.00	317.00	0.00	31.00	4000.00	4000.00	4031.00	4031.00
17741.000	600.68	0.00	601.17	108.44	0.00	313.51	3.49	0.00	0.00	4245.50	4254.50	0.00
17741.000	600.75	0.07	601.25	9.00	0.00	317.00	0.00	9.00	4245.50	4245.50	4254.50	4254.50
17833.000	600.88	0.00	601.29	144.24	0.05	300.03	16.92	0.00	0.00	4245.50	4254.50	0.00
17833.000	600.91	0.03	601.30	144.00	0.15	297.21	19.64	144.00	4231.00	4245.50	4254.50	4375.00
17844.000	601.10	0.00	601.32	191.55	3.93	251.22	61.86	0.00	0.00	4245.50	4254.50	0.00
17844.000	601.04	-0.07	601.33	94.92	0.00	275.80	41.20	0.08	4245.50	4245.50	4254.50	4340.42
18144.000	601.69	0.00	601.77	218.76	90.38	202.66	23.96	0.00	0.00	1100.00	1120.00	0.00
18144.000	601.75	0.06	601.85	109.63	86.45	214.99	15.55	0.09	1043.12	1100.00	1120.00	1152.75

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BROWNSTOWN CREEK WITHOUT

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	580.50	710.00	588.40	0.00	588.41	0.94	1.34	1119.55	732.07
0.000	0.00	0.00	0.00	580.50	710.00	588.40	0.00	588.41	1.03	1.40	944.48	700.14
44.000	44.00	0.00	0.00	580.50	710.00	588.41	0.00	589.63	11.95	8.87	80.02	205.39
44.000	44.00	0.00	0.00	580.50	710.00	588.41	0.00	589.63	11.95	8.87	80.02	205.40
123.000	79.00	589.54	586.90	580.50	710.00	589.80	0.00	590.64	7.26	7.35	111.35	263.55
123.000	79.00	589.54	586.90	580.50	710.00	589.80	0.00	590.64	7.26	7.35	111.39	263.57
183.000	60.00	0.00	0.00	581.50	710.00	590.71	0.00	590.73	0.98	1.55	709.18	717.70
183.000	60.00	0.00	0.00	581.50	710.00	590.69	0.00	590.74	2.25	2.11	439.53	472.89
2483.000	2300.00	0.00	0.00	583.40	710.00	590.84	0.00	590.84	0.29	0.73	1992.09	1320.12
2483.000	2300.00	0.00	0.00	583.40	710.00	590.89	0.00	590.90	0.31	0.77	1822.70	1266.95
3883.000	1400.00	0.00	0.00	584.80	710.00	590.92	0.00	590.99	6.32	2.93	458.92	282.51
3883.000	1400.00	0.00	0.00	584.80	710.00	590.97	0.00	591.06	6.76	3.05	370.81	273.03
5233.000	1350.00	0.00	0.00	585.20	406.00	591.67	0.00	591.73	4.27	2.30	316.83	196.47
5233.000	1350.00	0.00	0.00	585.20	406.00	591.74	0.00	591.79	3.81	2.20	333.80	207.90
5283.000	50.00	0.00	0.00	584.70	406.00	591.69	0.00	591.85	2.84	3.51	254.03	241.08
5283.000	50.00	0.00	0.00	584.70	406.00	591.76	0.00	591.93	2.86	3.56	210.60	239.92
5317.000	34.00	590.61	589.96	584.70	406.00	591.69	0.00	591.86	2.85	3.52	253.23	240.68
5317.000	34.00	590.61	589.96	584.70	406.00	591.79	0.00	591.93	2.54	3.36	278.20	254.75
5417.000	100.00	0.00	0.00	584.70	406.00	591.87	0.00	591.95	6.74	2.68	305.34	156.44
5417.000	100.00	0.00	0.00	584.70	406.00	591.92	0.00	592.01	7.28	2.76	248.03	150.49
6255.000	838.00	0.00	0.00	586.50	406.00	592.45	0.00	592.57	7.07	3.03	193.01	152.65
6255.000	838.00	0.00	0.00	586.50	406.00	592.53	0.00	592.66	7.21	3.09	168.63	151.23
6305.000	50.00	0.00	0.00	586.90	286.00	592.49	0.00	592.86	8.33	4.90	58.41	99.11
6305.000	50.00	0.00	0.00	586.90	286.00	592.57	0.00	592.93	8.01	4.82	59.28	101.08
6365.000	60.00	596.00	591.61	586.90	286.00	592.96	0.00	593.28	6.60	4.49	63.73	111.33
6365.000	60.00	596.00	591.61	586.90	286.00	593.05	0.00	593.35	6.34	4.42	64.68	113.54
6366.000	1.00	0.00	0.00	584.70	286.00	593.17	0.00	593.35	3.26	3.46	82.67	158.50
6366.000	1.00	0.00	0.00	584.70	286.00	593.24	0.00	593.43	3.17	3.42	83.54	160.62
6405.000	39.00	597.78	591.62	584.70	286.00	593.29	0.00	593.47	3.12	3.40	84.09	161.99
6405.000	39.00	597.78	591.62	584.70	286.00	593.37	0.00	593.55	3.03	3.36	85.00	164.24
6417.000	12.00	0.00	0.00	586.50	286.00	593.43	0.00	593.49	2.35	1.99	167.31	186.38
6417.000	12.00	0.00	0.00	586.50	286.00	593.51	0.00	593.57	2.24	1.96	170.05	190.94

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
6967.000	550.00	0.00	0.00	587.60	317.00	593.56	0.00	593.57	0.90	1.05	564.86	334.98
6967.000	550.00	0.00	0.00	587.60	317.00	593.63	0.00	593.64	0.92	1.08	511.55	330.02
7894.000	927.00	0.00	0.00	587.60	317.00	593.72	0.00	593.79	4.75	2.34	167.21	145.39
7894.000	927.00	0.00	0.00	587.60	317.00	593.80	0.00	593.86	4.48	2.29	170.75	149.75
7965.000	71.00	0.00	0.00	588.10	317.00	593.77	0.00	594.28	11.26	5.73	55.35	94.47
7965.000	71.00	0.00	0.00	588.10	317.00	593.84	0.00	594.34	10.85	5.65	56.13	96.23
8160.000	195.00	606.14	596.52	588.10	317.00	594.06	0.00	594.51	9.76	5.42	58.45	101.49
8160.000	195.00	606.14	596.52	588.10	317.00	594.12	0.00	594.57	9.48	5.37	59.08	102.94
8240.000	80.00	0.00	0.00	588.80	317.00	594.74	0.00	594.80	3.71	2.24	203.41	164.68
8240.000	80.00	0.00	0.00	588.80	317.00	594.79	0.00	594.85	4.38	2.23	191.69	151.47
8320.000	80.00	0.00	0.00	588.70	317.00	594.78	0.00	594.90	5.79	2.80	113.28	131.79
8320.000	80.00	0.00	0.00	588.70	317.00	594.83	0.00	594.95	6.30	2.77	114.45	126.29
8332.000	12.00	595.35	594.39	588.70	317.00	594.79	0.00	594.98	27.96	3.46	91.70	59.95
8332.000	12.00	595.35	594.39	588.70	317.00	594.85	0.00	595.03	27.96	3.46	91.70	59.95
8444.000	112.00	0.00	0.00	588.80	317.00	595.02	0.00	595.03	1.17	1.29	483.93	293.40
8444.000	112.00	0.00	0.00	588.80	317.00	595.07	0.00	595.09	1.36	1.40	392.87	271.89
9674.000	1230.00	0.00	0.00	588.80	317.00	595.19	0.00	595.21	1.73	1.54	401.88	240.72
9674.000	1230.00	0.00	0.00	588.80	317.00	595.26	0.00	595.28	1.75	1.57	367.87	239.31
10403.000	729.00	0.00	0.00	588.80	317.00	595.38	0.00	595.49	4.88	2.65	132.34	143.54
10403.000	729.00	0.00	0.00	588.80	317.00	595.45	0.00	595.56	4.65	2.62	134.43	146.96
10433.000	30.00	0.00	0.00	588.30	317.00	595.39	0.00	595.61	1.81	3.72	85.19	235.44
10433.000	30.00	0.00	0.00	588.30	317.00	595.46	0.00	595.67	1.76	3.68	86.15	239.13
10515.000	82.00	595.63	593.89	588.30	317.00	595.90	0.00	596.08	1.44	3.42	104.43	263.92
10515.000	82.00	999999.00	0.00	588.30	317.00	595.97	0.00	596.15	1.41	3.40	93.21	266.52
10744.000	229.00	0.00	0.00	589.30	317.00	596.14	0.00	596.15	0.22	0.59	1030.29	683.52
10744.000	229.00	0.00	0.00	589.30	317.00	596.21	0.00	596.22	0.27	0.64	815.86	615.27
10903.000	159.00	0.00	0.00	589.30	317.00	596.15	0.00	596.16	0.41	0.81	685.50	493.55
10903.000	159.00	0.00	0.00	589.30	317.00	596.22	0.00	596.23	0.58	0.95	369.10	416.49
10918.000	15.00	0.00	0.00	589.30	317.00	596.15	0.00	596.16	0.42	0.82	679.02	490.81
10918.000	15.00	0.00	0.00	589.30	317.00	596.22	0.00	596.23	0.58	0.95	368.53	415.56
10933.000	15.00	595.10	595.58	589.50	317.00	596.16	0.00	596.16	2.09	0.83	701.85	219.27
10933.000	15.00	595.10	595.58	589.50	317.00	596.23	0.00	596.24	2.28	1.14	611.11	209.92
10957.000	24.00	595.10	595.58	589.50	317.00	596.16	0.00	596.17	2.02	0.81	709.67	222.98
10957.000	24.00	595.10	595.58	589.50	317.00	596.24	0.00	596.24	2.22	1.13	617.36	212.89

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
10966.000	9.00	0.00	0.00	589.30	317.00	596.17	0.00	596.17	0.13	0.46	1491.41	884.11
10966.000	9.00	0.00	0.00	589.30	317.00	596.24	0.00	596.25	0.14	0.47	1347.93	849.28
11921.000	955.00	0.00	0.00	590.50	317.00	596.16	0.00	596.22	5.59	2.38	176.00	134.08
11921.000	955.00	0.00	0.00	590.50	317.00	596.23	0.00	596.31	5.71	2.43	160.62	132.70
12721.000	800.00	0.00	0.00	590.90	317.00	596.65	0.00	596.77	8.04	2.99	142.83	111.82
12721.000	800.00	0.00	0.00	590.90	317.00	596.73	0.00	596.87	8.17	3.06	122.64	110.90
13641.000	920.00	0.00	0.00	591.80	317.00	597.46	0.00	597.61	10.17	3.08	103.06	99.38
13641.000	920.00	0.00	0.00	591.80	317.00	597.54	0.00	597.68	9.62	3.01	105.21	102.22
13683.000	42.00	0.00	0.00	590.86	317.00	597.50	0.00	597.86	9.33	4.81	65.93	103.80
13683.000	42.00	0.00	0.00	590.86	317.00	597.58	0.00	597.93	9.05	4.75	66.71	105.39
13759.000	76.00	598.92	596.63	590.86	317.00	598.35	0.00	598.63	6.86	4.26	74.37	121.04
13759.000	76.00	598.92	596.63	590.86	317.00	598.43	0.00	598.71	6.67	4.21	75.21	122.78
13771.000	12.00	0.00	0.00	591.80	317.00	598.57	0.00	598.65	4.70	2.34	146.72	146.27
13771.000	12.00	0.00	0.00	591.80	317.00	598.65	0.00	598.73	4.60	2.32	136.69	147.85
13883.000	112.00	0.00	0.00	591.80	317.00	598.66	0.00	598.70	2.43	1.72	312.71	203.29
13883.000	112.00	0.00	0.00	591.80	317.00	598.73	0.00	598.77	2.55	1.77	276.65	198.45
14175.000	292.00	0.00	0.00	591.80	317.00	598.72	0.00	598.73	0.58	0.85	898.77	416.66
14175.000	292.00	0.00	0.00	591.80	317.00	598.80	0.00	598.81	0.61	0.87	826.13	407.21
14237.000	62.00	0.00	0.00	591.50	317.00	598.73	0.00	598.76	0.28	1.81	775.41	599.78
14237.000	62.00	0.00	0.00	591.50	317.00	598.81	0.00	598.92	0.66	2.67	118.78	391.04
14329.000	92.00	597.67	594.68	591.50	317.00	599.60	0.00	599.61	0.10	1.15	1325.33	1019.26
14329.000	92.00	597.67	594.68	591.50	317.00	599.57	0.00	599.66	0.50	2.41	131.63	449.66
14346.000	17.00	0.00	0.00	591.80	317.00	599.62	0.00	599.62	0.17	0.51	1379.59	778.12
14346.000	17.00	0.00	0.00	591.80	317.00	599.71	0.00	599.71	0.17	0.51	1269.29	768.32
15100.000	754.00	0.00	0.00	592.50	317.00	599.64	0.00	599.65	0.89	1.08	573.13	335.28
15100.000	754.00	0.00	0.00	592.50	317.00	599.74	0.00	599.76	1.25	1.29	401.36	282.98
15786.000	686.00	0.00	0.00	592.80	317.00	599.71	0.00	599.79	4.06	2.22	145.80	157.26
15786.000	686.00	0.00	0.00	592.80	317.00	599.84	0.00	599.91	3.89	2.16	146.54	160.74
16886.000	1100.00	0.00	0.00	594.20	317.00	600.22	0.00	600.32	5.76	2.47	129.95	132.11
16886.000	1100.00	0.00	0.00	594.20	317.00	600.33	0.00	600.42	5.34	2.41	134.42	137.16
17703.000	817.00	0.00	0.00	594.20	317.00	600.65	0.00	600.73	4.38	2.24	141.28	151.45
17703.000	817.00	0.00	0.00	594.20	317.00	600.73	0.00	600.80	4.17	2.21	143.59	155.15
17741.000	38.00	0.00	0.00	594.45	317.00	600.68	597.86	601.17	14.63	5.66	67.14	82.89
17741.000	38.00	0.00	0.00	594.45	317.00	600.75	0.00	601.25	14.51	5.66	56.01	83.22

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
17833.000	92.00	600.46	599.30	594.45	317.00	600.88	0.00	601.29	12.14	5.24	93.37	90.99
17833.000	92.00	600.46	599.30	594.45	317.00	600.91	0.00	601.30	11.71	5.16	97.99	92.63
17844.000	11.00	0.00	0.00	594.45	317.00	601.10	0.00	601.32	25.05	4.19	133.25	63.34
17844.000	11.00	0.00	0.00	594.45	317.00	601.04	0.00	601.33	31.77	4.65	99.82	56.24
18144.000	300.00	0.00	0.00	595.60	317.00	601.69	0.00	601.77	9.46	2.82	207.08	103.05
18144.000	300.00	0.00	0.00	595.60	317.00	601.75	0.00	601.85	10.08	2.94	170.77	99.84

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BROWNSTOWN CREEK WITHOUT

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	710.00	586.40	0.00	0.00	0.00	511.03	0.00
0.000	710.00	588.40	0.00	0.00	0.00	298.67	0.00
44.000	710.00	588.41	0.00	0.01	0.00	11.56	44.00
44.000	710.00	588.41	0.00	0.01	0.00	11.56	44.00
123.000	710.00	589.80	0.00	1.39	0.00	136.20	79.00
123.000	710.00	589.80	0.00	1.39	0.00	136.32	79.00
183.000	710.00	590.71	0.00	0.91	0.00	135.00	60.00
183.000	710.00	590.69	-0.02	0.89	-0.02	75.00	60.00
2483.000	710.00	590.84	0.00	0.13	0.00	700.00	2300.00
2483.000	710.00	590.89	0.05	0.20	0.05	580.00	2300.00
3883.000	710.00	590.92	0.00	0.07	0.00	228.36	1400.00
3883.000	710.00	590.97	0.05	0.08	0.05	125.00	1400.00
5233.000	406.00	591.67	0.00	0.75	0.00	213.61	1350.00
5233.000	406.00	591.74	0.07	0.77	0.07	217.36	1350.00
5283.000	406.00	591.69	0.00	0.02	0.00	266.48	50.00
5283.000	406.00	591.76	0.07	0.02	0.07	150.00	50.00
5317.000	406.00	591.69	0.00	0.01	0.00	265.89	34.00
5317.000	406.00	591.79	0.09	0.03	0.09	265.00	34.00
5417.000	406.00	591.87	0.00	0.18	0.00	302.34	100.00
5417.000	406.00	591.92	0.05	0.13	0.05	148.81	100.00
6255.000	406.00	592.45	0.00	0.58	0.00	109.00	838.00
6255.000	406.00	592.53	0.08	0.61	0.08	54.91	838.00
6305.000	286.00	592.49	0.00	0.04	0.00	11.09	50.00
6305.000	286.00	592.57	0.08	0.04	0.08	11.10	50.00
6365.000	286.00	592.96	0.00	0.47	0.00	11.14	60.00
6365.000	286.00	593.05	0.09	0.48	0.09	11.15	60.00
6366.000	286.00	593.17	0.00	0.20	0.00	11.24	1.00
6366.000	286.00	593.24	0.08	0.19	0.08	11.25	1.00
6405.000	286.00	593.29	0.00	0.13	0.00	11.26	39.00
6405.000	286.00	593.37	0.08	0.13	0.08	11.28	39.00
6417.000	286.00	593.43	0.00	0.14	0.00	35.00	12.00
6417.000	286.00	593.51	0.08	0.14	0.08	35.00	12.00

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SECNO	Q	CWSEL	DIFWSF	DIFWSX	DIFKWS	TOPWID	XLCH
6967.000	317.00	593.56	0.00	0.13	0.00	276.50	550.00
6967.000	317.00	593.63	0.08	0.12	0.08	200.84	550.00
7894.000	317.00	593.72	0.00	0.16	0.00	48.00	927.00
7894.000	317.00	593.80	0.08	0.16	0.08	48.00	927.00
7965.000	317.00	593.77	0.00	0.05	0.00	10.58	71.00
7965.000	317.00	593.84	0.07	0.05	0.07	10.59	71.00
8160.000	317.00	594.06	0.00	0.29	0.00	10.61	195.00
8160.000	317.00	594.12	0.06	0.27	0.06	10.62	195.00
8240.000	317.00	594.74	0.00	0.69	0.00	65.00	80.00
8240.000	317.00	594.79	0.05	0.67	0.05	58.70	80.00
8320.000	317.00	594.78	0.00	0.04	0.00	23.00	80.00
8320.000	317.00	594.83	0.05	0.04	0.05	23.00	80.00
8332.000	317.00	594.79	0.00	0.01	0.00	23.00	12.00
8332.000	317.00	594.85	0.05	0.01	0.05	23.00	12.00
8444.000	317.00	595.02	0.00	0.23	0.00	250.00	112.00
8444.000	317.00	595.07	0.05	0.23	0.05	150.00	112.00
9674.000	317.00	595.19	0.00	0.17	0.00	254.11	1230.00
9674.000	317.00	595.26	0.07	0.18	0.07	175.00	1230.00
10403.000	317.00	595.38	0.00	0.20	0.00	30.00	729.00
10403.000	317.00	595.45	0.07	0.20	0.07	30.00	729.00
10433.000	317.00	595.39	0.00	0.01	0.00	13.88	30.00
10433.000	317.00	595.46	0.07	0.01	0.07	13.89	30.00
10515.000	317.00	595.90	0.00	0.51	0.00	101.94	82.00
10515.000	317.00	595.97	0.07	0.51	0.07	13.94	82.00
10744.000	317.00	596.14	0.00	0.24	0.00	560.00	229.00
10744.000	317.00	596.21	0.07	0.24	0.07	330.00	229.00
10903.000	317.00	596.15	0.00	0.00	0.00	800.00	159.00
10903.000	317.00	596.22	0.07	0.01	0.07	85.00	159.00
10918.000	317.00	596.15	0.00	0.00	0.00	800.00	15.00
10918.000	317.00	596.22	0.07	0.00	0.07	85.00	15.00
10933.000	317.00	596.16	0.00	0.01	0.00	694.17	15.00
10933.000	317.00	596.23	0.07	0.01	0.07	553.94	15.00
10957.000	317.00	596.16	0.00	0.01	0.00	697.79	24.00
10957.000	317.00	596.24	0.07	0.01	0.07	556.22	24.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
10966.000	317.00	596.17	0.00	0.00	0.00	800.00	9.00
10966.000	317.00	596.24	0.08	0.01	0.08	630.00	9.00
11921.000	317.00	596.16	0.00	-0.01	0.00	74.18	955.00
11921.000	317.00	596.23	0.08	-0.01	0.08	49.05	955.00
12721.000	317.00	596.65	0.00	0.49	0.00	100.49	800.00
12721.000	317.00	596.73	0.08	0.50	0.08	42.90	800.00
13641.000	317.00	597.46	0.00	0.81	0.00	26.90	920.00
13641.000	317.00	597.54	0.08	0.81	0.08	27.14	920.00
13683.000	317.00	597.50	0.00	0.04	0.00	9.98	42.00
13683.000	317.00	597.58	0.08	0.04	0.08	9.98	42.00
13759.000	317.00	598.35	0.00	0.84	0.00	9.99	76.00
13759.000	317.00	598.43	0.08	0.85	0.08	9.99	76.00
13771.000	317.00	598.57	0.00	0.22	0.00	95.37	12.00
13771.000	317.00	598.65	0.08	0.22	0.08	29.00	12.00
13883.000	317.00	598.66	0.00	0.09	0.00	255.32	112.00
13883.000	317.00	598.73	0.07	0.09	0.07	152.46	112.00
14175.000	317.00	598.72	0.00	0.06	0.00	692.12	292.00
14175.000	317.00	598.80	0.08	0.07	0.08	536.63	292.00
14237.000	317.00	598.73	0.00	0.00	0.00	740.00	62.00
14237.000	317.00	598.81	0.08	0.00	0.08	17.00	62.00
14329.000	317.00	599.60	0.00	0.88	0.00	690.00	92.00
14329.000	317.00	599.57	-0.03	0.76	-0.03	17.00	92.00
14346.000	317.00	599.62	0.00	0.01	0.00	690.00	17.00
14346.000	317.00	599.71	0.09	0.14	0.09	517.61	17.00
15100.000	317.00	599.64	0.00	0.02	0.00	340.00	754.00
15100.000	317.00	599.74	0.10	0.03	0.10	170.00	754.00
15786.000	317.00	599.71	0.00	0.07	0.00	39.64	686.00
15786.000	317.00	599.84	0.13	0.10	0.13	30.73	686.00
16886.000	317.00	600.22	0.00	0.51	0.00	42.29	1100.00
16886.000	317.00	600.33	0.10	0.49	0.10	46.07	1100.00
17703.000	317.00	600.65	0.00	0.43	0.00	31.00	817.00
17703.000	317.00	600.73	0.07	0.40	0.07	31.00	817.00
17741.000	317.00	600.68	0.00	0.03	0.00	108.44	38.00
17741.000	317.00	600.75	0.07	0.03	0.07	9.00	38.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
17833.000	317.00	600.88	0.00	0.20	0.00	144.24	92.00
17833.000	317.00	600.91	0.03	0.16	0.03	144.00	92.00
17844.000	317.00	601.10	0.00	0.22	0.00	191.55	11.00
17844.000	317.00	601.04	-0.07	0.12	-0.07	94.92	11.00
18144.000	317.00	601.69	0.00	0.58	0.00	218.76	300.00
18144.000	317.00	601.75	0.06	0.71	0.06	109.63	300.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

PRINTED IN U.S.A.

FLOODWAY DATA, BROWNSTOWN CREEK WITHOUT
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.000	299.	944.	0.8	588.4	588.4	0.0
44.000	12.	80.	8.9	588.4	588.4	0.0
123.000	136.	111.	6.4	589.8	589.8	0.0
183.000	75.	440.	1.6	590.7	590.7	0.0
2483.000	580.	1823.	0.4	590.9	590.8	0.1
3883.000	125.	371.	1.9	591.0	590.9	0.1
5233.000	217.	334.	1.2	591.8	591.7	0.1
5283.000	150.	211.	1.9	591.8	591.7	0.1
5317.000	265.	278.	1.5	591.8	591.7	0.1
5417.000	149.	248.	1.6	591.9	591.9	0.0
6255.000	55.	169.	2.4	592.6	592.5	0.1
6305.000	11.	59.	4.8	592.6	592.5	0.1
6365.000	11.	65.	4.4	593.1	593.0	0.1
6366.000	11.	84.	3.4	593.3	593.2	0.1
6405.000	11.	85.	3.4	593.4	593.3	0.1
6417.000	35.	170.	1.7	593.5	593.4	0.1
6967.000	201.	512.	0.6	593.7	593.6	0.1
7894.000	48.	171.	1.9	593.8	593.7	0.1
7965.000	11.	56.	5.6	593.9	593.8	0.1
8160.000	11.	59.	5.4	594.2	594.1	0.1
8240.000	59.	192.	1.7	594.7	594.7	0.0
8320.000	23.	114.	2.8	594.9	594.8	0.1
8332.000	23.	92.	3.5	594.9	594.8	0.1
8444.000	150.	393.	0.8	595.1	595.0	0.1
9674.000	175.	368.	0.9	595.3	595.2	0.1
10403.000	30.	134.	2.4	595.5	595.4	0.1
10433.000	14.	86.	3.7	595.5	595.4	0.1
10515.000	14.	93.	3.4	596.0	595.9	0.1
10744.000	330.	816.	0.4	596.2	596.1	0.1
10903.000	85.	369.	0.9	596.2	596.1	0.1
10918.000	85.	369.	0.9	596.2	596.1	0.1
10933.000	636.	611.	0.5	596.3	596.2	0.1
10957.000	635.	617.	0.5	596.3	596.2	0.1
10966.000	630.	1348.	0.2	596.3	596.2	0.1
11921.000	49.	161.	2.0	596.3	596.2	0.1
12721.000	43.	123.	2.6	596.8	596.7	0.1
13641.000	27.	105.	3.0	597.6	597.5	0.1
13683.000	10.	67.	4.8	597.6	597.5	0.1
13759.000	10.	75.	4.2	598.4	598.3	0.1
13771.000	29.	137.	2.3	598.7	598.6	0.1
13883.000	152.	277.	1.1	598.8	598.7	0.1
14175.000	537.	826.	0.4	598.8	598.7	0.1

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FLOODWAY DATA, BROWNSTOWN CREEK WITHOUT
PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
14237.000	17.	119.	2.7	598.8	598.7	0.1
14329.000	17.	132.	2.4	599.6	599.6	0.0
14346.000	518.	1269.	0.2	599.7	599.6	0.1
15100.000	170.	401.	0.8	599.7	599.6	0.1
15786.000	31.	147.	2.2	599.8	599.7	0.1
16886.000	46.	134.	2.4	600.3	600.2	0.1
17703.000	31.	144.	2.2	600.8	600.7	0.1
17741.000	9.	56.	5.7	600.8	600.7	0.1
17833.000	144.	98.	3.2	600.9	600.9	0.0
17844.000	95.	100.	3.2	601.1	601.1	0.0
18144.000	110.	171.	1.9	601.8	601.7	0.1

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THIS RUN EXECUTED 1 MAR 84 11:02:44

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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C
T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      10 YEAR FREQUENCY FLOOD
T3      BROWNSTOWN CREEK

J1  ICHECK    INQ       NINV      IDTR      STRT      METRIC    HVINS     Q         WSEL      FQ

       0.        2.        0.        0.  0.000000      0.00       0.0        0.   587.700     0.000

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

     1.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

J3  VARIABLE CODES FOR SUMMARY PRINTOUT

   110.000   150.000   201.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

NC      0.050     0.050     0.035     0.600     1.000     0.000     0.000     0.000     0.000     0.000
QT      4.000   480.000   650.000   710.000   860.000     0.000     0.000     0.000     0.000     0.000
          44 FT DOWNSTREAM OF VREELAND RD
X1      0.000    16.000   275.000   300.000     0.000     0.000     0.000     0.000    -1.000     0.000
GR    592.200     0.000   589.300   175.000   588.300   200.000   588.000   215.000   585.900   225.000
GR    586.200   250.000   586.100   275.000   581.700   287.000   581.600   291.000   581.500   296.000
GR    585.300   300.000   585.900   325.000   585.900   350.000   586.100   375.000   586.600   400.000
GR    591.600   900.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

NC      0.000     0.000     0.013     0.000     0.000     0.000     0.000     0.000     0.000     0.000
          CULVERT AT VREELAND RD-SEC 1
X1     44.000    15.000  1094.200  1105.800    44.000    44.000    44.000     0.000     0.000     0.000
X3     10.000     0.000     0.000     0.000     0.000     0.000     0.000   588.200   588.200     0.000
GR    595.000     0.000   592.200     1.000   592.200   800.000   590.000  1000.000   589.590  1094.200
GR    584.000  1094.300   582.900  1094.600   580.800  1097.000   581.200  1100.000   580.500  1103.000
GR    582.900  1105.400   584.000  1105.700   589.540  1105.800   591.600  1700.000   595.000  4500.000

SB      0.000     1.760     2.600     0.000    11.600     0.000    54.000     0.000   580.500   580.500
X1    123.000     0.000     0.000     0.000    79.000    79.000    79.000     0.000     0.000     0.000
X2      0.000     0.000     1.000   586.900   589.540     0.000     0.000     0.000     0.000     0.000
X3     10.000     0.000     0.000     0.000     0.000     0.000     0.000   589.590   589.540     0.000
BT    -10.000  1000.000   590.000     0.000  1094.200   589.590     0.000  1094.300   589.590   584.000
BT      0.000  1094.600   589.590   585.100  1097.000   589.570   586.500  1100.000   589.560   586.900
BT      0.000  1103.000   589.550   586.500  1105.400   589.540   585.100  1105.700   589.540   584.000
BT      0.000  1105.800   589.540     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	100 FT UPSTREAM OF VREELAND RD-SEC 2									
X1	183.000	19.000	1075.000	1100.000	60.000	60.000	60.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1015.000	0.000	1150.000	0.000	0.000	0.000	0.000
GR	595.000	0.000	592.200	1.000	592.200	800.000	589.300	975.000	588.300	1000.000
GR	588.000	1015.000	585.900	1025.000	586.200	1050.000	586.100	1075.000	581.700	1087.000
GR	581.600	1091.000	581.500	1096.000	585.300	1100.000	585.900	1125.000	585.900	1150.000
GR	586.100	1175.000	586.600	1200.000	591.600	1700.000	595.000	4500.000	0.000	0.000
	SECTION 3									
X1	2483.000	19.000	600.000	630.000	2300.000	2300.000	2300.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	400.000	0.000	1100.000	0.000	0.000	0.000	0.000
GR	600.000	0.000	590.000	1.000	590.000	400.000	588.600	500.000	588.000	525.000
GR	587.100	550.000	586.600	575.000	587.000	600.000	583.700	606.000	583.400	612.000
GR	583.800	617.000	584.200	620.000	588.000	630.000	586.800	655.000	587.600	680.000
GR	588.000	705.000	587.600	730.000	590.000	1500.000	595.000	2500.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	SECTION 4 DOWNSTREAM OF CONFLUENCE									
X1	3883.000	15.000	1750.000	1774.000	1400.000	1400.000	1400.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1725.000	0.000	2425.000	0.000	0.000	0.000	0.000
GR	600.000	0.000	590.000	1.000	590.000	1050.000	588.400	1650.000	588.300	1675.000
GR	587.900	1700.000	588.400	1725.000	588.300	1750.000	584.900	1757.000	584.800	1761.000
GR	585.000	1764.000	588.300	1774.000	588.000	1787.000	593.500	2100.000	595.000	3100.000
QT	4.000	293.000	354.000	406.000	552.000	0.000	0.000	0.000	0.000	0.000
	FLOW CHANGE DUE TO BRANCH-SEC 5									
	50 FT DOWNSTREAM OF PLANT ACCESS ROAD									
X1	5233.000	17.000	300.000	326.000	1350.000	1350.000	1350.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	150.000	0.000	450.000	0.000	0.000	0.000	0.000
GR	595.000	0.000	592.200	1.000	590.600	200.000	590.400	225.000	590.300	250.000
GR	590.500	275.000	590.000	300.000	585.900	308.000	585.200	312.500	585.800	317.000
GR	590.000	326.000	591.400	351.000	591.820	371.000	592.150	376.000	592.420	401.000
GR	592.500	426.000	595.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.017	0.600	1.000	0.000	0.000	0.000	0.000	0.000
	CULVERT AT PLANT ACCESS RD-SEC 5									
X1	5283.000	12.000	292.000	308.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	590.300	590.300	0.000
GR	595.000	0.000	592.200	1.000	590.610	200.000	591.080	292.000	589.810	292.500
GR	584.700	293.000	585.100	300.000	585.300	307.000	589.960	307.500	591.390	308.000
GR	592.640	400.000	595.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.620	2.600	0.000	16.000	0.000	78.000	0.000	585.100	585.100
X1	5317.000	0.000	0.000	0.000	34.000	34.000	34.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	589.960	590.610	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	590.610	591.390	0.000
BT	-6.000	200.000	590.610	0.000	292.000	591.080	0.000	292.500	591.080	589.810
BT	0.000	300.000	591.240	589.950	307.500	591.390	589.960	308.000	591.390	0.000

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NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	5417.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.000	0.000
	50 FT DOWNSTREAM VAN HORN RD-SEC 6									
X1	6255.000	15.000	100.000	123.000	838.000	838.000	838.000	0.000	0.000	0.000
GR	596.000	0.000	593.200	1.000	593.100	25.000	592.900	50.000	592.000	75.000
GR	589.900	100.000	587.100	105.000	586.500	111.000	587.200	116.000	590.300	123.000
GR	591.700	148.000	592.500	173.000	595.400	198.000	595.600	223.000	600.000	224.000
GT	4.000	173.000	234.000	286.000	432.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.017	0.600	1.000	0.000	0.000	0.000	0.000	0.000
	FLOW CHANGE DUE TO SEWER INFLOW									
	BRIDGE AT VAN HORN RD AND RR TRACKS-SEC 7-8									
X1	6305.000	15.000	100.000	111.500	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	594.000	594.000	0.000
GR	598.000	0.000	592.400	1.000	592.900	25.000	593.600	50.000	594.700	75.000
GR	596.000	100.000	586.900	100.500	587.200	105.000	587.000	111.000	596.700	111.500
GR	597.570	135.000	597.860	160.000	597.940	185.000	597.960	220.000	597.750	260.000
SB	0.000	1.740	2.600	0.000	10.500	0.000	53.000	0.100	586.900	586.900
X1	6365.000	0.000	0.000	0.000	50.000	55.000	60.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	591.610	596.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	596.000	596.700	0.000
BT	-4.000	100.000	596.000	596.000	100.500	596.000	591.610	111.000	596.700	591.510
BT	0.000	111.500	596.700	596.700	0.000	0.000	0.000	0.000	0.000	0.000
X1	6366.000	9.000	94.000	106.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.000	595.000	0.000
GR	600.000	0.000	597.710	1.000	597.780	94.000	586.400	95.000	585.200	100.000
GR	584.700	105.000	597.790	106.000	598.000	200.000	600.000	201.000	0.000	0.000
SB	0.000	1.620	2.600	0.000	12.000	0.000	82.000	0.000	584.700	584.700
X1	6405.000	0.000	0.000	0.000	39.000	39.000	39.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	591.620	597.780	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	597.780	597.780	0.000
BT	-4.000	94.000	597.780	597.780	95.000	597.780	591.600	105.000	597.780	591.620
BT	0.000	106.000	597.790	597.790	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	6417.000	15.000	100.000	123.000	12.000	12.000	12.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	95.000	0.000	130.000	0.000	0.000	0.000	0.000
GR	600.000	0.000	593.200	1.000	593.100	25.000	592.900	50.000	592.000	75.000
GR	589.900	100.000	587.100	105.000	586.500	111.000	587.200	116.000	590.300	123.000
GR	591.700	148.000	592.500	173.000	595.400	198.000	595.600	223.000	600.000	1300.000
GT	4.000	151.000	236.000	317.000	573.000	0.000	0.000	0.000	0.000	0.000
	FLOW CHANGE AT CONFLUENCE WITH CLEE WEST-SEC 9									
X1	6967.000	17.000	100.000	123.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	600.000	0.000	592.900	1.000	592.300	25.000	591.900	50.000	591.600	75.000
GR	591.000	100.000	588.000	108.000	587.600	111.000	588.000	115.000	591.500	123.000
GR	590.500	148.000	591.000	173.000	591.300	198.000	591.600	223.000	595.200	323.000
GR	595.600	373.000	600.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000

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NC	0.000	0.000	0.000	0.600	1.000	0.000	0.000	0.000	0.000	0.000
X1	7894.000	0.000	0.000	0.000	927.000	927.000	927.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	75.000	0.000	123.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	BOX CULVERT AT I-75-SEC 10									
X1	7965.000	7.000	94.000	106.000	71.000	71.000	71.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	601.000	601.000	0.000
GR	604.510	0.000	606.140	94.000	588.630	95.000	588.100	100.000	588.700	105.000
GR	606.410	106.000	608.630	200.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.940	2.600	0.000	12.000	0.000	102.000	0.000	588.100	588.100
X1	8160.000	0.000	0.000	0.000	195.000	195.000	195.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	596.520	606.140	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	606.140	606.410	0.000
BT	-5.000	94.000	606.140	606.140	95.000	606.140	596.480	100.000	606.320	596.520
BT	0.000	105.000	608.630	596.470	106.000	606.410	606.410	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	8240.000	17.000	2320.000	2339.000	80.000	80.000	80.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	2300.000	0.000	2365.000	0.000	0.000	0.000	0.000
GR	605.000	0.000	593.700	1.000	593.700	2200.000	593.300	2220.000	591.900	2245.000
GR	592.100	2270.000	592.600	2295.000	592.000	2320.000	589.400	2327.000	589.000	2330.000
GR	588.800	2336.000	591.600	2339.000	592.300	2345.000	593.100	2370.000	593.400	2395.000
GR	593.900	2420.000	605.000	3100.000	0.000	0.000	0.000	0.000	0.000	0.000
	FOOT BRIDGE-SEC 11									
X1	8320.000	18.000	2304.000	2327.000	80.000	80.000	80.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.000	595.000	0.000
GR	605.000	0.000	594.000	1.000	594.000	2200.000	593.700	2225.000	593.600	2250.000
GR	594.000	2275.000	592.600	2302.000	592.400	2304.000	589.000	2312.000	588.800	2317.000
GR	588.700	2322.000	592.500	2327.000	593.200	2330.000	594.700	2355.000	594.000	2380.000
GR	594.000	2405.000	594.200	2430.000	605.000	3100.000	0.000	0.000	0.000	0.000
SB	0.000	1.560	2.600	0.000	23.000	0.000	150.000	0.000	588.700	588.700
X1	8332.000	0.000	0.000	0.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	594.390	595.350	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.350	595.350	0.000
BT	-4.000	2302.000	595.400	592.600	2302.000	595.400	594.390	2330.000	595.350	593.270
BT	0.000	2330.000	595.350	593.200	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	8444.000	16.000	600.000	619.000	112.000	112.000	112.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	575.000	0.000	825.000	0.000	0.000	0.000	0.000
GR	605.000	0.000	593.700	480.000	593.300	500.000	591.900	525.000	592.100	550.000
GR	592.600	575.000	592.000	600.000	589.400	607.000	589.000	610.000	588.800	613.000
GR	591.600	619.000	592.300	645.000	593.100	670.000	593.400	695.000	593.900	720.000
GR	605.000	5500.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	800 FT DOWNSTREAM OF HALL RD-SEC 13									
X1	9674.000	17.000	1101.000	1123.000	1230.000	1230.000	1230.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1000.000	0.000	1400.000	0.000	0.000	0.000	0.000
GR	605.000	0.000	593.600	1.000	593.600	1001.000	593.600	1026.000	593.700	1051.000
GR	593.700	1076.000	592.500	1101.000	589.000	1108.000	588.800	1111.500	589.200	1115.000
GR	592.800	1123.000	594.000	1148.000	593.900	1173.000	594.300	1198.000	594.800	1223.000
GR	597.000	1400.000	605.000	6000.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.600	1.000	0.000	0.000	0.000	0.000	0.000
X1	10403.000	0.000	0.000	0.000	729.000	729.000	729.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1100.000	0.000	1130.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.011	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	TWIN CULVERT AT HALL RD-SEC 14									
X1	10433.000	20.000	2893.000	2907.000	30.000	30.000	30.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.000	595.000	0.000
GR	605.000	0.000	595.970	1.000	595.970	2801.000	596.510	2893.000	590.890	2893.100
GR	589.800	2893.200	588.300	2894.400	588.300	2896.000	588.300	2897.600	589.800	2898.800
GR	590.890	2899.000	590.890	2900.000	590.890	2901.000	588.600	2902.000	588.600	2904.000
GR	588.600	2906.000	590.890	2906.500	596.510	2907.000	595.630	3000.000	605.000	5000.000
SB	0.000	1.570	2.600	0.000	14.000	0.000	57.000	0.000	587.900	588.300
X1	10515.000	0.000	0.000	0.000	82.000	82.000	82.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	593.890	595.630	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	595.970	595.630	0.000
BT	-17.000	2801.000	595.970	0.000	2893.000	596.510	0.000	2893.100	596.510	590.890
BT	0.000	2893.200	596.510	592.000	2894.400	596.510	593.400	2896.000	596.520	593.890
BT	0.000	2897.600	596.510	593.400	2898.800	596.520	592.000	2899.000	596.530	590.890
BT	0.000	2900.000	596.530	590.890	2901.000	596.530	590.890	2902.000	596.520	593.200
BT	0.000	2904.000	596.520	593.890	2906.000	596.510	593.200	2906.500	596.510	590.890
BT	0.000	2907.000	596.510	0.000	3000.000	595.630	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	200 FT UPSTREAM OF HALL RD-SEC 15									
X1	10744.000	19.000	2670.000	2729.000	229.000	229.000	229.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	2470.000	0.000	3030.000	0.000	0.000	0.000	0.000
GR	605.000	0.000	595.900	1.000	595.900	2500.000	594.900	2570.000	594.800	2595.000
GR	594.600	2602.000	595.500	2645.000	593.700	2670.000	589.300	2690.000	589.700	2700.000
GR	589.400	2705.000	589.700	2711.000	594.000	2729.000	594.200	2755.000	594.000	2780.000
GR	594.000	2805.000	594.500	2830.000	594.500	5830.000	605.000	5831.000	0.000	0.000
NC	0.000	0.000	0.000	0.600	1.000	0.000	0.000	0.000	0.000	0.000
X1	10903.000	19.000	2670.000	2729.000	159.000	159.000	159.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1955.000	0.000	2755.000	0.000	0.000	0.000	0.000
GR	605.000	0.000	595.900	1.000	595.900	2500.000	594.900	2570.000	594.800	2595.000
GR	594.600	2602.000	595.500	2645.000	593.700	2670.000	589.300	2690.000	589.700	2700.000
GR	589.400	2705.000	589.700	2711.000	594.000	2729.000	594.200	2755.000	594.000	2780.000
GR	594.000	2805.000	594.500	2830.000	594.500	5830.000	605.000	5831.000	0.000	0.000

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X1	10918.000	0.000	0.000	0.000	15.000	15.000	15.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1955.000	0.000	2755.000	0.000	0.000	0.000	0.000
	CULVERT AT GRIX RD-SEC 16									
X1	10933.000	17.000	1696.500	1703.500	15.000	15.000	15.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1000.000	0.000	1800.000	0.000	0.000	0.000	0.000
BT	-12.000	1600.000	595.100	0.000	1696.500	596.450	0.000	1696.600	596.450	592.080
BT	0.000	1696.750	596.450	593.400	1697.500	596.460	594.600	1698.000	596.470	594.900
BT	0.000	1700.000	596.500	595.580	1702.000	596.500	594.900	1702.500	596.490	594.600
BT	0.000	1703.250	596.490	590.900	1703.500	596.490	0.000	1800.000	596.100	0.000
GR	610.000	0.000	595.100	1.000	595.100	1600.000	596.450	1696.500	592.080	1696.600
GR	590.900	1696.750	589.900	1697.500	589.500	1698.000	589.500	1700.000	589.500	1702.000
GR	589.900	1702.500	590.900	1703.250	592.080	1703.400	596.490	1703.500	596.100	1800.000
GR	600.000	4000.000	610.000	4001.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	10957.000	0.000	0.000	0.000	24.000	24.000	24.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1000.000	0.000	1800.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	10966.000	20.000	2670.000	2729.000	9.000	9.000	9.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	2500.000	0.000	3300.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	595.900	1.000	595.900	2500.000	594.900	2570.000	594.800	2595.000
GR	594.600	2620.000	595.500	2645.000	593.700	2670.000	589.300	2690.000	589.700	2700.000
GR	589.400	2705.000	589.700	2711.000	594.000	2729.000	594.200	2755.000	594.000	2780.000
GR	594.000	2805.000	594.500	2836.000	594.500	5830.000	600.000	5831.000	610.000	5832.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	1000 FT UPSTREAM OF GRIX RD-SEC 17									
X1	11921.000	17.000	1601.000	1625.000	955.000	955.000	955.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1500.000	0.000	2000.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	597.600	1.000	597.600	1500.000	596.600	1525.000	596.200	1550.000
GR	594.700	1575.000	593.000	1595.000	593.000	1601.000	591.200	1606.000	590.500	1608.500
GR	590.700	1610.500	590.700	1613.000	591.200	1615.000	596.200	1625.000	596.200	1925.000
GR	600.000	5325.000	610.000	5326.000	0.000	0.000	0.000	0.000	0.000	0.000
	1000 FT DOWNSTREAM OF WEST-RD SEC 18									
X1	12721.000	23.000	2000.000	2022.000	800.000	800.000	800.000	0.000	0.000	0.000
GR	610.000	0.000	598.400	1.000	598.400	1700.000	597.600	1800.000	597.400	1900.000
GR	596.800	1925.000	596.500	1950.000	596.200	1975.000	595.400	2000.000	591.800	2008.000
GR	591.500	2009.000	590.900	2012.500	591.200	2016.000	591.800	2017.000	594.000	2022.000
GR	594.500	2025.000	597.000	2040.000	597.300	2045.000	597.800	2075.000	598.000	2100.000
GR	598.000	2125.000	600.000	3600.000	610.000	3601.000	0.000	0.000	0.000	0.000
X1	13641.000	20.000	1676.000	1705.000	920.000	920.000	920.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1676.000	0.000	1705.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	597.400	1.000	597.400	1600.000	597.700	1620.000	597.800	1645.000
GR	597.900	1660.000	598.000	1676.000	592.800	1683.000	592.000	1685.000	591.800	1689.000
GR	591.900	1694.000	592.800	1696.000	598.300	1705.000	598.700	1730.000	598.300	1755.000
GR	598.300	1780.000	598.930	1798.000	599.060	1809.000	600.000	3800.000	610.000	3801.000

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NC	0.000	0.000	0.019	0.600	1.000	0.000	0.000	0.000	0.000	0.000
	CULVERT AT WEST RD-SEC 19									
X1	13683.000	17.000	1695.000	1705.000	42.000	42.000	42.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	597.700	597.700	0.000
GR	610.000	0.000	598.920	1.000	598.920	1600.000	599.130	1695.000	591.630	1695.050
GR	590.860	1695.100	590.860	1695.500	590.860	1697.300	590.860	1700.000	590.860	1702.700
GR	590.860	1704.500	590.860	1704.900	591.630	1704.950	599.130	1705.000	599.020	1800.000
GR	600.000	3800.000	610.000	3801.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.730	2.600	0.000	10.000	0.000	49.000	0.000	590.860	590.860
X1	13759.000	0.000	0.000	0.000	76.000	76.000	76.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	596.630	598.920	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	598.920	599.020	0.000
BT	-11.000	1600.000	598.920	0.000	1695.000	599.130	0.000	1695.050	599.130	591.630
BT	0.000	1695.100	599.130	593.850	1697.300	599.130	595.850	1700.000	599.140	596.630
BT	0.000	1702.700	599.130	595.850	1704.500	599.130	593.850	1704.950	599.130	591.630
BT	0.000	1705.000	599.130	0.000	1800.000	599.020	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	13771.000	20.000	1676.000	1705.000	12.000	12.000	12.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1676.000	0.000	1705.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	597.400	1.000	597.400	1600.000	597.700	1620.000	597.800	1645.000
GR	597.900	1660.000	598.000	1676.000	592.300	1683.000	592.000	1685.000	591.800	1689.000
GR	591.900	1694.000	592.800	1696.000	598.300	1705.000	598.700	1730.000	598.300	1755.000
GR	598.300	1780.000	598.930	1798.000	599.060	1809.000	600.000	3800.000	610.000	3801.000
X1	13883.000	0.000	0.000	0.000	112.000	112.000	112.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1530.000	0.000	1830.000	0.000	0.000	0.000	0.000
X1	14175.000	0.000	0.000	0.000	292.000	292.000	292.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1100.000	0.000	1830.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.011	0.600	1.000	0.000	0.000	0.000	0.000	0.000
	TWIN CULVERT AT GUDITH RD-SEC 21									
X1	14237.000	29.000	1791.500	1808.500	62.000	62.000	62.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1230.000	0.000	1970.000	0.000	596.000	596.000	0.000
GR	610.000	0.000	597.620	1.000	597.670	1791.500	591.960	1791.550	591.940	1791.600
GR	591.900	1792.000	591.800	1792.800	591.650	1794.000	591.500	1795.250	591.520	1796.500
GR	591.580	1797.700	591.600	1798.500	591.600	1798.900	592.100	1799.000	592.230	1801.000
GR	591.800	1801.100	591.800	1801.500	591.800	1802.300	591.800	1803.500	591.800	1804.750
GR	591.900	1806.000	592.000	1807.200	592.050	1808.000	592.100	1808.400	592.230	1808.450
GR	597.790	1808.500	598.640	1910.000	600.000	3200.000	610.000	3201.000	0.000	0.000
SB	0.000	1.580	2.600	0.000	17.000	0.000	34.000	0.000	591.500	591.500
X1	14329.000	0.000	0.000	0.000	92.000	92.000	92.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	594.680	597.670	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	1280.000	0.000	1970.000	0.000	597.670	597.670	0.000
BT	-24.000	1791.500	597.670	597.670	1791.550	597.670	592.100	1791.600	597.670	592.800
BT	0.000	1792.000	597.680	593.500	1792.800	597.680	594.100	1794.000	597.680	594.400
BT	0.000	1795.250	597.680	594.550	1796.500	597.690	594.400	1797.700	597.710	594.100
BT	0.000	1798.500	597.720	593.500	1798.900	597.720	592.800	1799.000	597.730	592.100
BT	0.000	1801.000	597.730	592.230	1801.100	597.730	592.930	1801.500	597.730	593.630
BT	0.000	1802.300	597.740	594.230	1803.500	597.750	594.530	1804.750	597.760	594.680

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ET	0.000	1806.000	597.770	594.530	1807.200	597.780	594.230	1808.000	597.790	593.630
BT	0.000	1808.400	597.790	592.930	1808.450	597.790	592.230	1808.500	597.790	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	14346.000	20.000	1676.000	1705.000	17.000	17.000	17.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1180.000	0.000	1870.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	597.400	1.000	597.400	1600.000	597.700	1620.000	597.800	1645.000
GR	597.900	1660.000	598.000	1676.000	592.800	1683.000	592.000	1685.000	591.800	1689.000
GR	591.900	1694.000	592.800	1696.000	598.300	1705.000	598.700	1730.000	598.300	1755.000
GR	598.300	1780.000	598.930	1798.000	599.060	1809.000	600.000	3780.000	610.000	3781.000
	800 FT UPSTREAM OF GUDITH RD-SEC 22									
X1	15100.000	21.000	338.000	368.000	754.000	754.000	754.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	180.000	0.000	520.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	597.550	200.000	597.380	212.900	597.860	213.000	598.600	238.000
GR	598.900	263.000	599.200	288.000	599.100	313.000	598.800	338.000	593.300	347.000
GR	592.700	349.000	592.500	352.000	592.600	356.000	593.300	358.000	598.630	368.000
GR	598.690	375.000	598.160	375.100	598.100	385.000	597.800	385.100	597.800	699.000
GR	610.000	700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	1400 FT UPSTREAM OF GUDITH RD-SEC 23									
X1	15786.000	20.000	5800.000	5832.000	686.000	686.000	686.000	0.000	0.000	0.000
GR	610.000	0.000	600.700	1.000	600.700	5700.000	600.500	5725.000	600.900	5750.000
GR	600.900	5775.000	600.600	5800.000	594.000	5811.000	592.800	5813.000	592.800	5818.000
GR	593.200	5823.000	594.000	5825.000	599.000	5832.000	600.400	5850.000	600.600	5875.000
GR	600.600	5900.000	600.900	5925.000	601.600	5950.000	601.600	6599.000	610.000	6600.000
	900 FT DOWNSTREAM OF CARTER RD-SEC 24									
X1	16886.000	20.000	4000.000	4031.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	3950.000	0.000	4031.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	599.200	1.000	599.200	3900.000	600.200	3925.000	600.600	3950.000
GR	600.600	3975.000	599.900	4000.000	594.800	4008.000	594.400	4010.000	594.400	4015.000
GR	594.200	4020.000	594.800	4022.000	600.400	4031.000	600.900	4050.000	601.300	4075.000
GR	601.400	4100.000	601.100	4125.000	600.800	4150.000	600.800	4500.000	610.000	4501.000
X1	17703.000	20.000	4000.000	4031.000	817.000	817.000	817.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	4000.000	0.000	4031.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	599.200	1.000	599.200	3900.000	600.200	3925.000	600.600	3950.000
GR	600.600	3975.000	599.900	4000.000	594.800	4008.000	594.400	4010.000	594.400	4015.000
GR	594.200	4020.000	594.800	4022.000	600.400	4031.000	600.900	4050.000	601.300	4075.000
GR	601.400	4100.000	601.100	4125.000	600.800	4150.000	600.800	4500.000	610.000	4501.000
NC	0.000	0.000	0.019	0.600	1.000	0.000	0.000	0.000	0.000	0.000
	CULVERT AT CARTER RD-SEC 25									
X1	17741.000	25.000	4245.500	4254.500	38.000	38.000	38.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	600.000	600.000	0.000
GR	610.000	0.000	605.000	1.000	605.000	4000.000	602.290	4150.000	601.660	4175.000
GR	601.100	4200.000	600.910	4225.000	600.820	4245.500	594.450	4245.600	594.450	4246.000
GR	594.450	4247.000	594.450	4248.000	594.450	4250.000	594.450	4252.000	594.450	4253.000
GR	594.450	4254.000	594.450	4254.400	600.750	4254.500	600.530	4275.000	600.640	4300.000
GR	600.460	4325.000	600.500	4350.000	605.000	4650.000	605.000	5000.000	610.000	5001.000

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SB	0.000	2.340	2.600	0.000	9.000	0.000	32.000	0.000	594.450	594.450
X1	17833.000	0.000	0.000	0.000	92.000	92.000	92.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	599.300	600.460	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	600.820	600.460	0.000
BT	-21.000	4150.000	602.290	0.000	4175.000	601.660	0.000	4200.000	601.100	0.000
BT	0.000	4225.000	600.910	0.000	4245.500	600.820	600.820	4245.600	600.820	594.450
BT	0.000	4245.600	600.820	596.200	4246.000	600.820	597.200	4247.000	600.810	598.200
BT	0.000	4248.000	600.810	598.800	4250.000	600.800	599.300	4252.000	600.780	598.800
BT	0.000	4253.000	600.770	598.200	4254.000	600.760	597.200	4254.400	600.750	596.200
BT	0.000	4254.400	600.750	594.450	4254.500	600.750	0.000	4275.000	600.530	0.000
BT	0.000	4300.000	600.640	0.000	4325.000	600.460	0.000	4350.000	600.500	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	17844.000	25.000	4245.500	4254.500	11.000	11.000	11.000	0.000	0.000	0.000
GR	610.000	0.000	605.000	1.000	605.000	4000.000	602.290	4150.000	601.660	4175.000
GR	601.100	4200.000	600.910	4225.000	600.820	4245.500	594.450	4245.500	594.450	4246.000
GR	594.450	4247.000	594.450	4248.000	594.450	4250.000	594.450	4252.000	594.450	4253.000
GR	594.450	4254.000	594.450	4254.500	600.750	4254.500	600.530	4275.000	600.640	4300.000
GR	600.460	4325.000	600.500	4350.000	605.000	4650.000	605.000	5000.000	610.000	5001.000
	CORPORATE BOUNDARY-SEC 26									
X1	18144.000	16.000	1100.000	1120.000	300.000	300.000	300.000	0.000	0.000	0.000
GR	610.000	0.000	603.900	1000.000	601.400	1005.000	601.300	1025.000	600.400	1050.000
GR	600.100	1075.000	601.000	1100.000	596.300	1108.000	595.600	1110.000	596.300	1112.000
GR	600.900	1120.000	601.200	1145.000	601.200	1170.000	601.400	1195.000	601.600	1220.000
GR	610.000	1520.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.600 CEHV= 1.000

*SECNO 0.000

44 FT DOWNSTREAM OF VREELAND RD

0.00	7.20	587.70	0.00	587.70	587.71	0.01	0.00	0.00	585.10
480.	80.	178.	222.	158.	143.	494.	0.	0.	584.30
0.00	0.51	1.25	0.45	0.050	0.035	0.050	0.000	580.50	190.00
0.000095	0.	0.	0.	0	0	0	0.00	420.00	610.00

*SECNO 44.000

3301 HV CHANGED MORE THAN HVINS

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 588.20 ELREA= 588.20

CULVERT AT VREELAND RD-SEC 1

44.00	7.21	587.71	0.00	0.00	588.40	0.69	0.01	0.68	589.59
480.	0.	480.	0.	0.	72.	0.	0.	0.	589.54
0.00	0.00	6.67	0.00	0.050	0.013	0.050	0.000	580.50	1094.23
0.000718	44.	44.	44.	0	0	0	0.00	11.53	1105.77

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.76	2.60	0.00	11.60	0.00	54.00	0.00	580.50	580.50

*SECNO 123.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
589.87	588.40	0.00	6.	469.	54.	74.	586.90	589.54

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 589.59 ELREA= 589.54

123.00	8.84	589.34	0.00	0.00	589.77	0.43	1.37	0.00	589.59
480.	0.	480.	0.	0.	91.	0.	1.	0.	589.54
0.01	0.00	5.28	0.00	0.050	0.013	0.050	0.000	580.50	1094.20
0.000396	79.	79.	79.	2	0	3	0.00	11.59	1105.80

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 183.000

3470 ENCROACHMENT STATIONS= 1015.0 1150.0 TYPE= 1 TARGET= 135.000
100 FT UPSTREAM OF VREELAND RD-SEC 2

183.00	8.31	589.81	0.00	0.00	589.83	0.01	0.01	0.04	586.10
480.	131.	218.	131.	214.	171.	203.	1.	0.	585.30
0.02	0.61	1.28	0.64	C.050	0.035	0.050	0.000	581.50	1015.00
0.000079	60.	60.	60.	2	0	0	0.00	135.00	1150.00

*SECNO 2483.000

3470 ENCROACHMENT STATIONS= 400.0 1100.0 TYPE= 1 TARGET= 700.000
SECTION 3

2483.00	6.55	589.95	0.00	0.00	589.95	0.00	0.12	0.00	587.00
480.	102.	118.	259.	322.	154.	894.	53.	22.	588.00
1.57	0.32	0.77	0.29	C.050	0.035	0.050	0.000	583.40	403.92
0.000040	2300.	2300.	2300.	2	0	0	0.00	696.08	1100.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3883.000

3470 ENCROACHMENT STATIONS= 1725.0 2425.0 TYPE= 1 TARGET= 700.000
SECTION 4 DOWNSTREAM OF CONFLUENCE

3883.00	5.25	590.05	0.00	0.00	590.15	0.09	0.15	0.04	588.30
480.	51.	287.	142.	43.	95.	145.	79.	36.	588.30
1.74	1.21	3.04	0.98	0.050	0.035	0.050	0.000	584.80	1725.00
0.000883	1400.	1400.	1400.	2	0	0	0.00	178.92	1903.92

*SECNO 5233.000

3470 ENCROACHMENT STATIONS= 150.0 450.0 TYPE= 1 TARGET= 300.000
FLOW CHANGE DUE TO BRANCH-SEC 5
50 FT DOWNSTREAM OF PLANT ACCESS ROAD

5233.00	5.87	591.07	0.00	0.00	591.14	0.08	0.99	0.01	590.00
293.	42.	247.	5.	82.	103.	10.	87.	42.	590.00
1.92	0.51	2.39	0.46	C.050	0.035	0.050	0.000	585.20	150.00
0.000558	1350.	1350.	1350.	2	0	0	0.00	194.95	344.95

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	TTRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 5283.000
CULVERT AT PLANT ACCESS RD-SEC 5

5283.00	6.38	591.08	0.00	0.00	591.24	0.16	0.02	0.08	591.08
293.	7.	286.	0.	37.	89.	0.	87.	42.	591.39
1.92	0.19	3.22	0.00	0.050	0.017	0.050	0.000	584.70	139.51
0.000269	50.	50.	50.	1	0	0	0.00	168.38	307.90

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	16.00	0.00	78.00	0.00	585.10	585.10

*SECNO 5317.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 591.440 EGLWC= 591.642 ELLC= 589.960 PCWSE= 591.085 ELTRD= 590.610

3370 NORMAL BRIDGE,NBD= 6 MIN ELTRD= 590.61 MAX ELLC= 589.96

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 590.61 ELREA= 591.39

5317.00	6.40	591.10	0.00	0.00	591.33	0.23	0.02	0.07	591.08
293.	14.	279.	0.	39.	71.	0.	87.	42.	591.39
1.93	0.37	3.95	0.00	0.050	0.017	0.050	0.000	584.70	138.61
0.000965	34.	34.	34.	3	0	0	-18.28	169.29	307.90

*SECNO 5417.000

5417.00	6.71	591.41	0.00	0.00	591.50	0.09	0.08	0.08	591.08
293.	46.	247.	0.	92.	94.	0.	87.	43.	591.39
1.94	0.50	2.64	0.01	0.050	0.035	0.050	0.000	584.70	100.00
0.000722	100.	100.	100.	2	0	0	0.00	209.39	309.40

*SECNO 6255.000
50 FT DOWNSTREAM VAN HORN RD-SEC 6

6255.00	5.47	591.97	0.00	0.00	592.07	0.10	0.56	0.01	589.90
293.	19.	256.	18.	25.	96.	25.	90.	46.	590.30
2.04	0.76	2.66	0.70	0.050	0.035	0.050	0.000	586.50	75.46
0.000631	838.	838.	838.	2	0	0	0.00	80.72	156.18

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 6305.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 594.00 ELREA= 594.00

FLOW CHANGE DUE TO SEWER INFLOW
BRIDGE AT VAN HORN RD AND RR TRACKS-SEC 7-8

6305.00	5.10	592.00	0.00	0.00	592.16	0.16	0.03	0.07	596.00
173.	0.	173.	0.	0.	53.	0.	91.	46.	596.70
2.04	0.00	3.26	0.00	0.050	0.017	0.050	0.000	586.90	100.22
0.000395	50.	50.	50.	0	0	0	0.00	11.04	111.26

SPECIAL BRIDGE

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.74	2.60	0.00	10.50	0.00	53.00	0.10	586.90	586.90

*SECNO 6365.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.28	592.16	0.00	0.	173.	53.	52.	591.61	596.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 596.00 ELREA= 596.70

6365.00	5.23	592.13	0.00	0.00	592.28	0.16	0.12	0.00	596.00
173.	0.	173.	0.	0.	54.	0.	91.	46.	596.70
2.05	0.00	3.18	0.00	0.050	0.017	0.050	0.000	586.90	100.21
0.000368	50.	60.	55.	2	0	0	0.00	11.05	111.26

*SECNO 6366.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

6366.00	7.54	592.24	0.00	0.00	592.32	0.09	0.00	0.04	597.78
173.	0.	173.	0.	0.	72.	0.	91.	46.	597.79
2.05	0.00	2.39	0.00	0.050	0.017	0.050	0.000	584.70	94.49
0.000168	1.	1.	1.	2	0	0	0.00	11.09	105.58

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CQFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	12.00	0.00	82.00	0.00	584.70	584.70

*SECNO 6405.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.35	592.32	0.00	0.	173.	82.	83.	591.62	597.78

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 597.78 ELREA= 597.78

6405.00	7.56	592.26	0.00	0.00	592.35	0.09	0.02	0.00	597.78
173.	0.	173.	0.	0.	73.	0.	91.	46.	597.79
2.05	0.00	2.38	0.00	0.050	0.017	0.050	0.000	584.70	94.49
0.000167	39.	39.	39.	2	0	0	0.00	11.09	105.58

CCHV= 0.100 CEHV= 0.300
*SECNO 6417.000

3470 ENCROACHMENT STATIONS= 95.0 130.0 TYPE= 1 TARGET= 35.000

6417.00	5.82	592.32	0.00	0.00	592.36	0.03	0.00	0.01	589.90
173.	6.	160.	7.	11.	105.	13.	91.	46.	590.30
2.05	0.55	1.53	0.53	0.050	0.035	0.050	0.000	586.50	95.00
0.000187	12.	12.	12.	2	0	0	0.00	35.00	130.00

*SECNO 6967.000
FLOW CHANGE AT CONFLUENCE WITH CLEE WEST-SEC 9

6967.00	4.83	592.43	0.00	0.00	592.44	0.01	0.08	0.00	591.00
151.	16.	79.	57.	54.	77.	143.	93.	47.	591.50
2.27	0.29	1.02	0.39	0.050	0.035	0.050	0.000	587.60	19.96
0.000124	550.	550.	550.	1	0	0	0.00	225.98	245.94

CCHV= 0.600 CEHV= 1.000
*SECNO 7894.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 75.0 123.0 TYPE= 1 TARGET= 48.000

7894.00	5.00	592.60	0.00	0.00	592.64	0.04	0.17	0.03	591.00
151.	20.	131.	0.	33.	81.	0.	97.	50.	100000.00
2.44	0.61	1.61	0.00	0.050	0.035	0.050	0.000	587.60	75.00
0.000307	927.	927.	927.	2	0	0	0.00	48.00	123.00

*SECNO 7965.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 601.00 ELREA= 601.00

BOX CULVERT AT I-75-SEC 10

7965.00	4.53	592.63	0.00	0.00	592.82	0.19	0.03	0.15	606.14
151.	0.	151.	0.	0.	43.	0.	98.	50.	606.41
2.45	0.00	3.49	0.00	0.050	0.017	0.050	0.000	588.10	94.77
0.000493	71.	71.	71.	1	0	0	0.00	10.45	105.22

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.60	0.00	12.00	0.00	102.00	0.00	588.10	588.10

*SECNO 8160.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 592.320 ELLC= 596.520 PCWSE= 592.632 ELTRD= 606.140

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 606.14 MAX ELLC= 596.52

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 606.14 ELREA= 606.41

8160.00	4.64	592.74	0.00	0.00	592.92	0.18	0.09	0.01	606.14
151.	0.	151.	0.	0.	45.	0.	98.	50.	606.41
2.46	0.00	3.39	0.00	0.050	0.017	0.050	0.000	588.10	94.77
0.000458	195.	195.	195.	2	0	0	0.00	10.46	105.23

*SECNO 8240.000

3470 ENCROACHMENT STATIONS= 2300.0 2365.0 TYPE= 1 TARGET= 65.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
8240.00	4.16	592.96	0.00	0.00	593.03	0.07	0.04	0.06	592.00
151.	9.	135.	7.	14.	60.	13.	98.	51.	591.60
2.47	0.61	2.26	0.57	0.050	0.035	0.050	0.000	588.80	2300.00
0.000686	80.	80.	80.	2	0	0	0.00	65.00	2365.00

*SECNO 8320.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

FOOT BRIDGE-SEC 11

8320.00	4.31	593.01	0.00	0.00	593.08	0.07	0.05	0.00	592.40
151.	0.	151.	0.	0.	72.	0.	98.	51.	592.50
2.48	0.00	2.09	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.000586	80.	80.	80.	1	0	0	0.00	23.00	2327.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.60	0.00	23.00	0.00	150.00	0.00	588.70	588.70

*SECNO 8332.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 593.080 ELLC= 594.390 PCWSE= 593.013 ELTRD= 595.350

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 595.35 MAX ELLC= 594.39

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.35 ELREA= 595.35

8332.00	4.32	593.02	0.00	0.00	593.09	0.07	0.01	0.00	592.40
151.	0.	151.	0.	0.	72.	0.	98.	51.	592.50
2.49	0.00	2.08	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.000583	12.	12.	12.	0	0	0	0.00	23.00	2327.00

CCHV= 0.100 CEHV= 0.300

*SECNO 8444.000

3470 ENCROACHMENT STATIONS= 575.0 825.0 TYPE= 1 TARGET= 250.000

8444.00	4.30	593.10	0.00	0.00	593.15	0.05	0.06	0.00	592.00
151.	11.	114.	25.	20.	58.	40.	98.	51.	591.60
2.50	0.57	1.96	0.64	0.050	0.035	0.050	0.000	588.80	575.00
0.000512	112.	112.	112.	1	0	0	0.00	94.84	669.84

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRCB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9674.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1000.0 1400.0 TYPE= 1 TARGET= 400.000

800 FT DOWNSTREAM OF HALL RD-SEC 13

9674.00	4.87	593.67	0.00	0.00	593.73	0.05	0.57	0.00	592.50
151.	6.	142.	3.	17.	75.	8.	101.	54.	592.80
2.69	0.38	1.89	0.35	0.050	0.035	0.050	0.000	588.80	1000.00
0.000426	1230.	1230.	1230.	2	0	0	0.00	109.24	1141.21

CCHV= 0.600 CEHV= 1.000

*SECNO 10403.000

3470 ENCROACHMENT STATIONS= 1100.0 1130.0 TYPE= 1 TARGET= 30.000

10403.00	5.16	593.96	0.00	0.00	594.01	0.05	0.28	0.00	592.50
151.	1.	147.	4.	1.	81.	7.	103.	55.	592.80
2.81	0.39	1.81	0.51	0.050	0.035	0.050	0.000	588.30	1100.00
0.000350	729.	729.	729.	2	0	0	0.00	30.00	1130.00

*SECNO 10433.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

TWIN CULVERT AT HALL RD-SEC 14

10433.00	5.66	593.96	0.00	0.00	594.05	0.08	0.00	0.03	596.51
151.	0.	151.	0.	0.	66.	0.	103.	55.	596.51
2.81	0.00	2.30	0.00	0.050	0.011	0.050	0.000	588.30	2893.05
0.000086	30.	30.	30.	0	0	0	0.00	13.73	2906.77

SPECIAL BRIDGE

SB XK	XKOR	COEG	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.57	2.60	0.00	14.00	0.00	57.00	0.00	587.90	588.30

*SECNO 10515.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

6070 LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 593.662 ELLC= 593.890 PCWSE= 593.964 ELTRD= 595.630

3370 NORMAL BRIDGE, NRD= 17 MIN ELTRD= 595.63 MAX ELLC= 593.89

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 595.97 ELREA= 595.63

10515.00	5.68	593.98	0.00	0.00	594.12	0.14	0.01	0.06	596.51
151.	0.	151.	0.	0.	49.	0.	103.	55.	596.51
2.82	0.00	3.06	0.00	0.050	0.011	0.050	0.000	588.30	2893.05
0.000341	82.	82.	82.	2	0	0	-16.18	13.73	2906.77

CCHV= 0.300 CEHV= 0.500
*SECNO 10744.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 2470.0 3030.0 TYPE= 1 TARGET= 560.000
200 FT UPSTREAM OF HALL RD-SEC 15

10744.00	4.88	594.18	0.00	0.00	594.19	0.01	0.03	0.04	593.70
151.	0.	150.	1.	2.	193.	10.	104.	55.	594.00
2.90	0.10	0.78	0.06	0.050	0.035	0.050	0.000	589.30	2663.30
0.000070	229.	229.	229.	2	0	0	0.00	146.44	2814.14

CCHV= 0.600 CEHV= 1.000
*SECNO 10903.000

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10903.00	4.89	594.19	0.00	0.00	594.20	0.01	0.01	0.00	593.70
151.	0.	151.	0.	2.	194.	2.	104.	56.	594.00
2.96	0.10	0.78	0.05	0.050	0.035	0.050	0.000	589.30	2663.14
0.000070	159.	159.	159.	2	0	0	0.00	91.07	2754.21

*SECNO 10918.000

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
10918.00	4.90	594.20	0.00	0.00	594.20	0.01	0.00	0.00	593.70
151.	0.	151.	0.	2.	194.	2.	105.	56.	594.00
2.96	0.10	0.78	0.05	0.050	0.035	0.050	0.000	589.30	2663.12
0.000070	15.	15.	15.	0	0	0	0.00	91.23	2754.35

*SECNO 10933.000

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1000.0 1800.0 TYPE= 1 TARGET= 800.000

CULVERT AT GRIX RD-SEC 16

10933.00	4.70	594.20	0.00	0.00	594.65	0.46	0.00	0.45	596.45
151.	0.	151.	0.	0.	28.	0.	105.	56.	596.49
2.97	0.00	5.42	0.00	0.050	0.035	0.050	0.000	589.50	1696.55
0.006883	15.	15.	15.	0	0	0	-2.03	6.90	1703.45

*SECNO 10957.000

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.40 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1000.0 1800.0 TYPE= 1 TARGET= 800.000

10957.00	4.91	594.41	0.00	0.00	594.83	0.42	0.16	0.02	596.45
151.	0.	151.	0.	0.	29.	0.	105.	56.	596.49
2.97	0.00	5.21	0.00	0.050	0.035	0.050	0.000	589.50	1696.55
0.006286	24.	24.	24.	2	0	0	-2.39	6.91	1703.45

*SECNO 10966.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 2500.0 3300.0 TYPE= 1 TARGET= 800.000

10966.00	5.78	595.08	0.00	0.00	595.09	0.00	0.00	0.25	593.70
151.	2.	113.	36.	33.	247.	374.	105.	56.	594.00
2.97	0.07	0.46	0.10	0.050	0.035	0.050	0.000	589.30	2557.16
0.000018	9.	9.	9.	2	0	0	0.00	725.49	3300.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300
*SECNO 11921.000

3470 ENCROACHMENT STATIONS= 1500.0 2000.0 TYPE= 1 TARGET= 500.000

1000 FT UPSTREAM OF GRIX RD-SEC 17

11921.00	4.60	595.10	0.00	0.00	595.14	0.04	0.05	0.01	593.00
151.	30.	121.	0.	39.	69.	0.	113.	64.	596.20
3.14	0.76	1.75	0.00	0.050	0.035	0.050	0.000	590.50	1568.29
0.000397	955.	955.	955.	3	0	0	0.00	54.51	1622.80

*SECNO 12721.000

1000 FT DOWNSTREAM OF WEST-RD SEC 18

12721.00	4.59	595.49	0.00	0.00	595.56	0.07	0.41	0.01	595.40
151.	0.	146.	5.	0.	66.	7.	115.	65.	594.00
3.25	0.10	2.20	0.70	0.050	0.035	0.050	0.000	590.90	1997.27
0.000675	800.	800.	800.	2	0	0	0.00	33.66	2030.93

*SECNO 13641.000

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 1 TARGET= 29.000

13641.00	4.31	596.11	0.00	0.00	596.18	0.07	0.62	0.00	598.00
151.	0.	151.	0.	0.	69.	0.	116.	66.	100000.00
3.36	0.00	2.18	0.00	0.050	0.035	0.050	0.000	591.80	1678.55
0.000682	920.	920.	920.	2	0	0	0.00	22.87	1701.41

CCHV= 0.600 CEHV= 1.000
*SECNO 13683.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 597.70 ELREA= 597.70

CULVERT AT WEST RD-SEC 19

13683.00	5.27	596.13	0.00	0.00	596.26	0.13	0.02	0.06	599.13
151.	0.	151.	0.	0.	52.	0.	116.	66.	599.13
3.37	0.00	2.88	0.00	0.050	0.019	0.050	0.000	590.86	1695.02
0.000386	42.	42.	42.	0	0	0	0.00	9.96	1704.98

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.73	2.60	0.00	10.00	0.00	49.00	0.00	590.86	590.86

*SECNO 13759.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 596.260 ELLC= 596.630 PCWSE= 596.131 ELTRD= 598.920

3370 NORMAL BRIDGE,NRD= 11 MIN ELTRD= 598.92 MAX ELLC= 596.63

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 598.92 ELREA= 599.02

13759.00	5.31	596.17	0.00	0.00	596.34	0.17	0.04	0.04	599.13
151.	0.	151.	0.	0.	45.	0.	116.	66.	599.13
3.37	0.00	3.34	0.00	0.050	0.019	0.050	0.000	590.86	1695.02
0.000777	76.	76.	76.	2	0	0	-7.49	9.96	1704.98

CCHV= 0.100 CEHV= 0.300

*SECNO 13771.000

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 1 TARGET= 29.000

13771.00	4.50	596.30	0.00	0.00	596.36	0.07	0.01	0.01	598.00
151.	0.	151.	0.	0.	74.	0.	116.	66.	100000.00
3.38	0.00	2.05	0.00	0.050	0.035	0.050	0.000	591.80	1678.29
0.000576	12.	12.	12.	2	0	0	0.00	23.43	1701.72

*SECNO 13883.000

3470 ENCROACHMENT STATIONS= 1530.0 1830.0 TYPE= 1 TARGET= 300.000

13383.00	4.56	596.36	0.00	0.00	596.43	0.06	0.06	0.00	598.00
151.	0.	151.	0.	0.	76.	0.	117.	66.	598.30
3.39	0.00	2.00	0.00	0.050	0.035	0.050	0.000	591.80	1678.19
0.000540	112.	112.	112.	0	0	0	0.00	23.66	1701.85

*SECNO 14175.000

3470 ENCROACHMENT STATIONS= 1100.0 1830.0 TYPE= 1 TARGET= 730.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
14175.00	4.72	596.52	0.00	0.00	596.57	0.06	0.15	0.00	598.00
151.	0.	151.	0.	0.	79.	0.	117.	66.	598.30
3.43	0.00	1.91	0.00	0.050	0.035	0.050	0.000	591.80	1677.98
0.000474	292.	292.	292.	0	0	0	0.00	24.12	1702.10

CCHV= 0.600 CEHV= 1.000
*SECNO 14237.000

3470 ENCROACHMENT STATIONS= 1230.0 1970.0 TYPE= 1 TARGET= 740.000
TWIN CULVERT AT GUDITH RD-SEC 21

14237.00	5.03	596.53	0.00	0.00	596.58	0.06	0.01	0.00	597.67
151.	0.	151.	0.	0.	80.	0.	117.	66.	597.79
3.44	0.00	1.89	0.00	0.050	0.011	0.050	0.000	591.50	1791.51
0.000045	62.	62.	62.	2	0	0	0.00	16.98	1808.49

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.58	2.60	0.00	17.00	0.00	34.00	0.00	591.50	591.50

*SECNO 14329.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
597.01	596.58	0.00	0.	151.	34.	54.	594.68	597.67

3470 ENCROACHMENT STATIONS= 1280.0 1970.0 TYPE= 1 TARGET= 690.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 597.67 ELREA= 597.67

14329.00	5.46	596.96	0.00	0.00	597.01	0.05	0.43	0.00	597.67
151.	0.	151.	0.	0.	87.	0.	117.	66.	597.79
3.46	0.00	1.73	0.00	0.050	0.011	0.050	0.000	591.50	1791.51
0.000035	92.	92.	92.	2	0	0	0.00	16.99	1808.49

*SECNO 14346.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		1180.0	1870.0	TYPE=	1	TARGET=	690.000		
14346.00	5.17	596.97	0.00	0.00	597.01	0.04	0.00	0.00	598.00
151.	0.	151.	0.	0.	90.	0.	117.	66.	598.30
3.46	0.00	1.68	0.00	0.050	0.035	0.050	0.000	591.80	1677.39
0.000334	17.	17.	17.	0	0	0	0.00	25.42	1702.81

*SECNO 15100.000

3470 ENCROACHMENT STATIONS=		180.0	520.0	TYPE=	1	TARGET=	340.000		
800 FT UPSTREAM OF GUDITH RD-SEC 22									
15100.00	4.78	597.28	0.00	0.00	597.34	0.06	0.31	0.01	598.80
151.	0.	151.	0.	0.	78.	0.	119.	67.	598.63
3.57	0.00	1.94	0.00	0.050	0.035	0.050	0.000	592.50	340.49
0.000514	754.	754.	754.	2	0	0	0.00	24.97	365.46

CCHV= 0.100 CEHV= 0.300

*SECNO 15786.000

1400 FT UPSTREAM OF GUDITH RD-SEC 23									
15786.00	4.80	597.60	0.00	0.00	597.65	0.05	0.32	0.00	600.60
151.	0.	151.	0.	0.	83.	0.	120.	67.	599.00
3.67	0.00	1.81	0.00	0.050	0.035	0.050	0.000	592.80	5804.99
0.000419	686.	686.	686.	2	0	0	0.00	25.05	5830.04

*SECNO 16886.000

3470 ENCROACHMENT STATIONS=		3950.0	4031.0	TYPE=	1	TARGET=	81.000		
900 FT DOWNSTREAM OF CARTER RD-SEC 24									
16886.00	3.97	598.17	0.00	0.00	598.24	0.07	0.58	0.01	599.90
151.	0.	151.	0.	0.	71.	0.	122.	68.	100000.00
3.82	0.00	2.13	0.00	0.050	0.035	0.050	0.000	594.20	4002.71
0.000691	1100.	1100.	1100.	2	0	0	0.00	24.71	4027.42

*SECNO 17703.000

3470 ENCROACHMENT STATIONS=		4000.0	4031.0	TYPE=	1	TARGET=	31.000		
17703.00	4.44	598.64	0.00	0.00	598.70	0.05	0.45	0.00	599.90
151.	0.	151.	0.	0.	83.	0.	124.	68.	100000.00
3.94	0.00	1.83	0.00	0.050	0.035	0.050	0.000	594.20	4001.98
0.000450	817.	817.	817.	1	0	0	0.00	26.18	4028.16

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 17741.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 600.00 ELREA= 600.00

CULVERT AT CARTER RD-SEC 25

17741.00	4.22	598.67	0.00	0.00	598.92	0.25	0.02	0.20	600.82
151.	0.	151.	0.	0.	37.	0.	124.	68.	600.75
3.94	0.00	4.04	0.00	0.050	0.019	0.050	0.000	594.45	4245.53
0.000950	38.	38.	38.	0	0	0	0.00	8.93	4254.47

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.34	2.60	0.00	9.00	0.00	32.00	0.00	594.45	594.45

*SECNO 17833.000

6070, LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 598.921 ELLC= 599.300 PCWSE= 598.668 ELTRD= 600.460

3370 NORMAL BRIDGE, NRD= 21 MIN ELTRD= 600.46 MAX ELLC= 599.30

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 600.82 ELREA= 600.46

17833.00	4.33	598.78	0.00	0.00	599.09	0.31	0.11	0.06	600.82
151.	0.	151.	0.	0.	34.	0.	124.	68.	600.75
3.95	0.00	4.48	0.00	0.050	0.019	0.050	0.000	594.45	4245.53
0.001584	92.	92.	92.	2	0	0	-4.67	8.94	4254.47

CCHV= 0.100 CEHV= 0.300
*SECNO 17844.000

17844.00	4.45	598.90	0.00	0.00	599.12	0.22	0.02	0.01	600.82
151.	0.	151.	0.	0.	40.	0.	124.	68.	600.75
3.95	0.00	3.77	0.00	0.050	0.035	0.050	0.000	594.45	4245.50
0.002693	11.	11.	11.	2	0	0	0.00	9.00	4254.50

*SECNO 18144.000
CORPORATE BOUNDARY-SEC 26

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
18144.00	4.21	599.81	0.00	0.00	600.08	0.26	0.94	0.01	601.00
151.	0.	151.	0.	0.	37.	0.	124.	68.	600.90
3.97	0.00	4.12	0.00	0.050	0.035	0.050	0.000	595.60	1102.02
0.003701	300.	300.	300.	2	0	0	0.00	16.09	1118.11

PRINTED IN U.S.A.

THIS RUN EXECUTED 1 MAR 84 11:03:40

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 50 YEAR FREQUENCY FLOOD
T3 BROWNSTOWN CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	588.300	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.600 CEHV= 1.000

*SECNO 0.000

44 FT DOWNSTREAM OF VREELAND RD

0.00	7.80	588.30	0.00	588.30	588.31	0.01	0.00	0.00	585.10
650.	116.	202.	332.	213.	158.	698.	0.	0.	584.30
0.00	0.54	1.28	0.48	0.050	0.035	0.050	0.000	580.50	175.00
0.000088	0.	0.	0.	0	0	0	0.00	495.00	670.00

*SECNO 44.000

3301 HV CHANGED MORE THAN HVINS

CULVERT AT VREELAND RD-SEC 1

44.00	7.81	588.31	0.00	0.00	589.36	1.06	0.01	1.04	589.59
650.	0.	650.	0.	0.	79.	0.	1.	0.	589.54
0.00	0.00	8.24	0.00	0.050	0.013	0.050	0.000	580.50	1094.22
0.001040	44.	44.	44.	0	0	0	0.00	11.55	1105.78

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.76	2.60	0.00	11.60	0.00	54.00	0.00	580.50	580.50

*SECNO 123.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.27	589.36	0.00	168.	482.	54.	74.	586.90	589.54

123.00	9.28	589.78	0.00	0.00	590.49	0.70	1.12	0.00	589.59
650.	1.	648.	2.	4.	96.	9.	1.	0.	589.54
0.00	0.15	6.75	0.18	0.050	0.013	0.050	0.000	580.50	1049.86
0.000614	79.	79.	79.	4	0	0	0.00	126.04	1175.89

CCHV= 0.100 CEHV= 0.300

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 183.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1015.0 1150.0 TYPE= 1 TARGET= 135.000
100 FT UPSTREAM OF VREELAND RD-SEC 2

183.00	9.05	590.55	0.00	0.00	590.57	0.02	0.01	0.07	586.10
650.	190.	277.	183.	258.	189.	240.	1.	1.	585.30
0.02	0.74	1.46	0.76	0.050	0.035	0.050	0.000	581.50	1015.00
0.000090	60.	60.	60.	2	0	0	0.00	135.00	1150.00

*SECNO 2483.000

3470 ENCROACHMENT STATIONS= 400.0 1100.0 TYPE= 1 TARGET= 700.000
SECTION 3

2483.00	7.28	590.68	0.00	0.00	590.68	0.00	0.11	0.00	587.00
650.	146.	126.	378.	466.	176.	1235.	69.	23.	588.00
1.67	0.31	0.72	0.31	0.050	0.035	0.050	0.000	583.40	400.00
0.000029	2300.	2300.	2300.	2	0	0	0.00	700.00	1100.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3883.000

3470 ENCROACHMENT STATIONS= 1725.0 2425.0 TYPE= 1 TARGET= 700.000
SECTION 4 DOWNSTREAM OF CONFLUENCE

3883.00	5.95	590.75	0.00	0.00	590.82	0.07	0.11	0.04	588.30
650.	77.	322.	251.	60.	111.	250.	106.	37.	588.30
1.87	1.28	2.89	1.00	0.050	0.035	0.050	0.000	584.80	1725.00
0.000644	1400.	1400.	1400.	0	0	0	0.00	218.99	1943.99

*SECNO 5233.000

3470 ENCROACHMENT STATIONS= 150.0 450.0 TYPE= 1 TARGET= 300.000
FLOW CHANGE DUE TO BRANCH-SEC 5
50 FT DOWNSTREAM OF PLANT ACCESS ROAD

5233.00	6.31	591.51	0.00	0.00	591.56	0.06	0.73	0.01	590.00
354.	91.	253.	10.	148.	115.	20.	117.	44.	590.00
2.08	0.61	2.20	0.52	0.050	0.035	0.050	0.000	585.20	150.00
0.000412	1350.	1350.	1350.	2	0	0	0.00	205.96	355.96

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000

*SECNO 5283.000

CULVERT AT PLANT ACCESS RD-SEC 5

5283.00	6.82	591.52	0.00	0.00	591.67	0.15	0.02	0.09	591.08
354.	38.	316.	0.	116.	96.	1.	117.	44.	591.39
2.09	0.33	3.30	0.08	0.050	0.017	0.050	0.000	584.70	85.00
0.000259	50.	50.	50.	1	0	0	0.00	233.22	318.22

SPECIAL BRIDGE

SB	XK	XKOR	CQFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	16.00	0.00	78.00	0.00	585.10	585.10

*SECNO 5317.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 592.042 EGLWC= 592.074 ELLC= 589.960 PCWSE= 591.524 ELTRD= 590.610

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 590.61 MAX ELLC= 589.96

5317.00	6.84	591.54	0.00	0.00	591.70	0.16	0.02	0.01	591.08
354.	82.	272.	0.	118.	75.	1.	117.	44.	591.39
2.09	0.69	3.60	0.18	0.050	0.017	0.050	0.000	584.70	83.50
0.001109	34.	34.	34.	4	0	0	-20.48	235.61	319.10

*SECNO 5417.000

5417.00	7.05	591.75	0.00	0.00	591.83	0.07	0.08	0.05	591.08
354.	100.	252.	1.	166.	99.	5.	118.	45.	591.39
2.10	0.60	2.54	0.24	0.050	0.035	0.050	0.000	584.70	56.47
0.000620	100.	100.	100.	2	0	0	0.00	278.52	334.99

*SECNO 6255.000

50 FT DOWNSTREAM VAN HORN RD-SEC 6

6255.00	5.78	592.28	0.00	0.00	592.39	0.10	0.53	0.03	589.90
354.	31.	293.	30.	34.	104.	37.	122.	49.	590.30
2.20	0.89	2.82	0.81	0.050	0.035	0.050	0.000	586.50	67.12
0.000645	838.	838.	838.	2	0	0	0.00	99.12	166.24

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 6305.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 594.00 ELREA= 594.00

FLOW CHANGE DUE TO SEWER INFLOW
BRIDGE AT VAN HORN RD AND RR TRACKS-SEC 7-8

6305.00	5.42	592.32	0.00	0.00	592.58	0.27	0.03	0.16	596.00
234.	0.	234.	0.	0.	57.	0.	122.	49.	596.70
2.20	0.00	4.14	0.00	0.050	0.017	0.050	0.000	586.90	100.20
0.000609	50.	50.	50.	0	0	0	0.00	11.07	111.27

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.74	2.60	0.00	10.50	0.00	53.00	0.10	586.90	586.90

*SECNO 6365.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.84	592.58	0.00	0.	234.	53.	52.	591.61	596.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 596.00 ELREA= 596.70

6365.00	5.70	592.60	0.00	0.00	592.84	0.24	0.26	0.00	596.00
234.	0.	234.	0.	0.	60.	0.	122.	49.	596.70
2.20	0.00	3.92	0.00	0.050	0.017	0.050	0.000	586.90	100.19
0.000525	50.	60.	55.	2	0	0	0.00	11.10	111.29

*SECNO 6366.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

6366.00	8.06	592.76	0.00	0.00	592.90	0.14	0.00	0.06	597.78
234.	0.	234.	0.	0.	78.	0.	122.	49.	597.79
2.20	0.00	2.99	0.00	0.050	0.017	0.050	0.000	584.70	94.44
0.000252	1.	1.	1.	2	0	0	0.00	11.18	105.62

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	12.00	0.00	82.00	0.00	584.70	584.70

*SECNO 6405.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.97	592.90	0.00	0.	234.	82.	83.	591.62	597.78

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 597.78 ELREA= 597.78

6405.00	8.13	592.83	0.00	0.00	592.97	0.14	0.07	0.00	597.78
234.	0.	234.	0.	0.	79.	0.	122.	49.	597.79
2.21	0.00	2.97	0.00	0.050	0.017	0.050	0.000	584.70	94.43
0.000246	39.	39.	39.	2	0	0	0.00	11.19	105.62

CCHV= 0.100 CEHV= 0.300
*SECNO 6417.000

3470 ENCROACHMENT STATIONS= 95.0 130.0 TYPE= 1 TARGET= 35.000

6417.00	6.43	592.93	0.00	0.00	592.98	0.05	0.00	0.01	589.90
234.	9.	213.	11.	14.	119.	17.	122.	49.	590.30
2.21	0.66	1.80	0.66	0.050	0.035	0.050	0.000	586.50	95.00
0.000218	12.	12.	12.	2	0	0	0.00	35.00	130.00

*SECNO 6967.000
FLOW CHANGE AT CONFLUENCE WITH CLEE WEST-SEC 9

6967.00	5.45	593.05	0.00	0.00	593.06	0.01	0.08	0.00	591.00
236.	40.	95.	101.	112.	92.	227.	126.	51.	591.50
2.44	0.36	1.04	0.44	0.050	0.035	0.050	0.000	587.60	0.98
0.000101	550.	550.	550.	0	0	0	0.00	262.61	263.59

CCHV= 0.600 CEHV= 1.000
*SECNO 7894.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		75.0	123.0	TYPE=	1	TARGET=	48.000		
7894.00	5.62	593.22	0.00	0.00	593.28	0.05	0.17	0.05	591.00
236.	42.	194.	0.	48.	95.	0.	132.	54.	100000.00
2.58	0.89	2.03	0.00	0.050	0.035	0.050	0.000	587.60	75.00
0.000407	927.	927.	927.	1	0	0	0.00	48.00	123.00

*SECNO 7965.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 601.00 ELREA= 601.00

BOX CULVERT AT I-75-SEC 10

7965.00	5.16	593.26	0.00	0.00	593.61	0.35	0.04	0.29	606.14
236.	0.	236.	0.	0.	50.	0.	132.	54.	606.41
2.58	0.00	4.72	0.00	0.050	0.017	0.050	0.000	588.10	94.74
0.000819	71.	71.	71.	2	0	0	0.00	10.52	105.26

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.60	0.00	12.00	0.00	102.00	0.00	588.10	588.10

*SECNO 8160.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 593.607 ELLC= 596.520 PCWSE= 593.261 ELTRD= 606.140

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 606.14 MAX ELLC= 596.52

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 606.14 ELREA= 606.41

8160.00	5.36	593.46	0.00	0.00	593.77	0.32	0.15	0.02	606.14
236.	0.	236.	0.	0.	52.	0.	133.	54.	606.41
2.60	0.00	4.53	0.00	0.050	0.017	0.050	0.000	588.10	94.72
0.000735	195.	195.	195.	2	0	0	0.00	10.54	105.27

*SECNO 8240.000

3470 ENCROACHMENT STATIONS= 2300.0 2365.0 TYPE= 1 TARGET= 65.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
8240.00	5.11	593.91	0.00	0.00	593.98	0.06	0.05	0.15	592.00
236.	29.	175.	31.	34.	78.	38.	133.	54.	591.60
2.61	0.87	2.25	0.83	0.050	0.035	0.050	0.000	588.80	2300.00
0.000474	80.	80.	80.	2	0	0	0.00	65.00	2365.00

*SECNO 8320.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

FOOT BRIDGE-SEC 11

8320.00	5.26	593.96	0.00	0.00	594.05	0.10	0.04	0.04	592.40
236.	0.	236.	0.	0.	94.	0.	133.	54.	592.50
2.62	0.00	2.50	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.000591	80.	80.	80.	0	0	0	0.00	23.00	2327.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.60	0.00	23.00	0.00	150.00	0.00	588.70	588.70

*SECNO 8332.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 594.055 ELLC= 594.390 PCWSE= 593.957 ELTRD= 595.350

3370 NORMAL BRIDGE,NRD= 4 MIN ELTRD= 595.35 MAX ELLC= 594.39

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.35 ELREA= 595.35

8332.00	5.27	593.97	0.00	0.00	594.07	0.11	0.01	0.01	592.40
236.	0.	236.	0.	0.	90.	0.	133.	54.	592.50
2.62	0.00	2.62	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.001251	12.	12.	12.	0	0	0	-5.90	23.00	2327.00

CCHV= 0.100 CEHV= 0.300
*SECNO 8444.000

3470 ENCROACHMENT STATIONS= 575.0 825.0 TYPE= 1 TARGET= 250.000

8444.00	5.31	594.11	0.00	0.00	594.13	0.03	0.05	0.01	592.00
236.	30.	128.	78.	45.	78.	134.	133.	54.	591.60
2.64	0.67	1.65	0.58	0.050	0.035	0.050	0.000	588.80	575.00
0.000248	112.	112.	112.	2	0	0	0.00	235.19	810.19

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9674.000

3470 ENCROACHMENT STATIONS= 1000.0 1400.0 TYPE= 1 TARGET= 400.000

800 FT DOWNSTREAM OF HALL RD-SEC 13

9674.00	5.64	594.44	0.00	0.00	594.48	0.04	0.34	0.00	592.50
236.	48.	168.	20.	93.	92.	47.	140.	61.	592.80
2.88	0.51	1.84	0.42	0.050	0.035	0.050	0.000	588.80	1000.00
0.000306	1230.	1230.	1230.	3	0	0	0.00	204.93	1204.93

CCHV= 0.600 CEHV= 1.000

*SECNO 10403.000

3470 ENCROACHMENT STATIONS= 1100.0 1130.0 TYPE= 1 TARGET= 30.000

10403.00	5.91	594.71	0.00	0.00	594.78	0.08	0.27	0.04	592.50
236.	1.	225.	10.	2.	98.	12.	143.	63.	592.80
2.97	0.49	2.31	0.79	0.050	0.035	0.050	0.000	588.80	1100.00
0.000446	729.	729.	729.	2	0	0	0.00	30.00	1130.00

*SECNO 10433.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 595.00 ELREA= 595.00

TWIN CULVERT AT HALL RD-SEC 14

10433.00	6.41	594.71	0.00	0.00	594.86	0.15	0.01	0.07	596.51
236.	0.	236.	0.	0.	76.	0.	143.	63.	596.51
2.97	0.00	3.11	0.00	0.050	0.011	0.050	0.000	588.30	2893.03
0.000139	30.	30.	30.	0	0	0	0.00	13.81	2906.84

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.57	2.60	0.00	14.00	0.00	57.00	0.00	587.90	588.30

*SECNO 10515.000

PRESSURE FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
595.13	594.49	0.00	0.	236.	57.	84.	593.89	595.63	

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.97 ELREA= 595.63

10515.00	6.69	594.99	0.00	0.00	595.13	0.14	0.27	0.00	596.51
236.	0.	236.	0.	0.	80.	0.	143.	63.	596.51
2.98	0.00	2.96	0.00	0.050	0.011	0.050	0.000	588.30	2893.03
0.000121	82.	82.	82.	2	0	0	0.00	13.84	2906.87

CCHV= 0.300 CEHV= 0.500
*SECNO 10744.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 2470.0 3030.0 TYPE= 1 TARGET= 560.000
200 FT UPSTREAM OF HALL RD-SEC 15

10744.00	5.88	595.18	0.00	0.00	595.18	0.01	0.02	0.04	593.70
236.	5.	188.	44.	37.	252.	243.	145.	64.	594.00
3.08	0.12	0.75	0.18	0.050	0.035	0.050	0.000	589.30	2550.53
0.000045	229.	229.	229.	2	0	0	0.00	459.61	3030.00

CCHV= 0.600 CEHV= 1.000
*SECNO 10903.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10903.00	5.89	595.19	0.00	0.00	595.20	0.01	0.01	0.00	593.70
236.	6.	223.	7.	39.	253.	28.	147.	65.	594.00
3.13	0.14	0.88	0.25	0.050	0.035	0.050	0.000	589.30	2549.61
0.000064	159.	159.	159.	0	0	0	0.00	186.35	2755.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10918.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10918.00	5.89	595.19	0.00	0.00	595.20	0.01	0.00	0.00	593.70
236.	6.	224.	7.	38.	253.	28.	147.	65.	594.00
3.14	0.14	0.88	0.24	0.050	0.035	0.050	0.000	589.30	2549.89
0.000064	15.	15.	15.	0	0	0	0.00	185.83	2755.00

*SECNO 10933.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1000.0 1800.0 TYPE= 1 TARGET= 800.000

CULVERT AT GRIX RD-SEC 16

10933.00	5.69	595.19	593.15	0.00	595.73	0.54	0.00	0.53	596.45
236.	32.	204.	0.	53.	32.	0.	147.	65.	596.49
3.14	0.60	6.33	0.00	0.050	0.035	0.050	0.000	589.50	1000.00
0.010558	15.	15.	15.	0	22	0	-4.55	613.26	1703.47

*SECNO 10957.000

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1000.0 1800.0 TYPE= 1 TARGET= 800.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
10957.00	6.56	596.06	0.00	0.00	596.06	0.00	0.01	0.32	596.45
236.	213.	23.	0.	611.	33.	0.	147.	66.	596.49
3.16	0.35	0.70	0.00	0.050	0.035	0.050	0.000	589.50	1000.00
0.000151	24.	24.	24.	3	0	0	-10.18	675.83	1703.49

*SECNO 10966.000

3470 ENCROACHMENT STATIONS= 2500.0 3300.0 TYPE= 1 TARGET= 800.000

10966.00	6.76	596.06	0.00	0.00	596.06	0.00	0.00	0.00	593.70
236.	16.	110.	111.	172.	304.	932.	147.	66.	594.00
3.17	0.09	0.36	0.12	0.050	0.035	0.050	0.000	589.30	2500.00
0.000008	9.	9.	9.	2	0	0	0.00	800.00	3300.00

CCHV= 0.100 CEHV= 0.300

*SECNO 11921.000

3470 ENCROACHMENT STATIONS= 1500.0 2000.0 TYPE= 1 TARGET= 500.000

1000 FT UPSTREAM OF GRIX RD-SEC 17

11921.00	5.56	596.06	0.00	0.00	596.10	0.04	0.02	0.01	593.00
236.	69.	167.	0.	78.	91.	0.	165.	75.	596.20
3.34	0.88	1.84	0.00	0.050	0.035	0.050	0.000	590.50	1552.40
0.000342	955.	955.	955.	2	0	0	0.00	72.32	1624.71

*SECNO 12721.000

1000 FT DOWNSTREAM OF WEST-RD SEC 18

12721.00	5.48	596.38	0.00	0.00	596.47	0.09	0.36	0.01	595.40
236.	8.	213.	15.	16.	86.	17.	167.	77.	594.00
3.43	0.48	2.48	0.88	0.050	0.035	0.050	0.000	590.90	1959.96
0.000605	800.	800.	800.	2	0	0	0.00	76.32	2036.28

*SECNO 13641.000

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 1 TARGET= 29.000

13641.00	5.20	597.00	0.00	0.00	597.11	0.10	0.63	0.01	598.00
236.	0.	236.	0.	0.	91.	0.	169.	78.	100000.00
3.53	0.00	2.59	0.00	0.050	0.035	0.050	0.000	591.80	1677.34
0.000792	920.	920.	920.	2	0	0	0.00	25.53	1702.87

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 13683.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 597.70 ELREA= 597.70

CULVERT AT WEST RD-SEC 19

13683.00	6.17	597.03	0.00	0.00	597.26	0.23	0.03	0.13	599.13
236.	0.	236.	0.	0.	61.	0.	169.	78.	599.13
3.54	0.00	3.85	0.00	0.050	0.019	0.050	0.000	590.86	1695.01
0.000625	42.	42.	42.	0	0	0	0.00	9.97	1704.99

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.73	2.60	0.00	10.00	0.00	49.00	0.00	590.86	590.86

*SECNO 13759.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
597.65	597.26	0.00	0.	236.	49.	58.	596.63	598.92

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 598.92 ELREA= 599.02

13759.00	6.59	597.45	0.00	0.00	597.65	0.20	0.39	0.00	599.13
236.	0.	236.	0.	0.	65.	0.	170.	78.	599.13
3.54	0.00	3.61	0.00	0.050	0.019	0.050	0.000	590.86	1695.01
0.000526	76.	76.	76.	2	0	0	0.00	9.98	1704.99

CCHV= 0.100 CEHV= 0.300
*SECNO 13771.000

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 1 TARGET= 29.000

13771.00	5.80	597.60	0.00	0.00	597.67	0.08	0.01	0.01	598.00
236.	0.	236.	0.	0.	107.	0.	170.	78.	100000.00
3.54	0.00	2.21	0.00	0.050	0.035	0.050	0.000	591.80	1676.54
0.000512	12.	12.	12.	2	0	0	0.00	27.31	1703.85

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 13883.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1530.0 1830.0 TYPE= 1 TARGET= 300.000

13883.00	5.86	597.66	0.00	0.00	597.73	0.07	0.06	0.00	598.00
236.	5.	231.	0.	20.	108.	0.	170.	78.	598.30
3.56	0.25	2.13	0.00	0.050	0.035	0.050	0.000	591.80	1530.00
0.000472	112.	112.	112.	0	0	0	0.00	114.54	1703.95

*SECNO 14175.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1100.0 1830.0 TYPE= 1 TARGET= 730.000

14175.00	6.00	597.80	0.00	0.00	597.83	0.03	0.10	0.00	598.00
236.	54.	182.	0.	208.	112.	0.	171.	80.	598.30
3.62	0.26	1.62	0.00	0.050	0.035	0.050	0.000	591.80	1100.00
0.000264	292.	292.	292.	0	0	0	0.00	573.49	1704.19

CCHV= 0.600 CEHV= 1.000

*SECNO 14237.000

3470 ENCROACHMENT STATIONS= 1230.0 1970.0 TYPE= 1 TARGET= 740.000

TWIN CULVERT AT GUDITH RD-SEC 21

14237.00	6.31	597.81	0.00	0.00	597.89	0.08	0.01	0.05	597.67
236.	5.	231.	0.	87.	102.	0.	172.	81.	597.79
3.63	0.06	2.26	0.00	0.050	0.011	0.050	0.000	591.50	1230.00
0.000053	62.	62.	62.	1	0	0	0.00	581.71	1811.71

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.58	2.60	0.00	17.00	0.00	34.00	0.00	591.50	591.50

*SECNO 14329.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	FLLC	FLTRD
598.99	597.89	0.00	38.	197.	34.	54.	594.68	597.67

3470 ENCROACHMENT STATIONS= 1280.0 1970.0 TYPE= 1 TARGET= 690.000

14329.00	7.11	598.61	0.00	0.00	598.64	0.03	0.75	0.00	597.67
236.	61.	172.	3.	485.	115.	40.	173.	82.	597.79
3.65	0.13	1.49	0.07	0.050	0.011	0.050	0.000	591.50	1280.00
0.000019	92.	92.	92.	2	0	3	0.00	626.54	1906.54

*SECNO 14346.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1180.0 1870.0 TYPE= 1 TARGET= 690.000

14346.00	6.85	598.65	0.00	0.00	598.65	0.00	0.00	0.01	598.00
236.	133.	101.	1.	590.	137.	18.	173.	83.	598.30
3.66	0.23	0.74	0.08	0.050	0.035	0.050	0.000	591.80	1180.00
0.000045	17.	17.	17.	2	0	0	0.00	603.02	1789.86

*SECNO 15100.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 180.0 520.0 TYPE= 1 TARGET= 340.000

800 FT UPSTREAM OF GUDITH RD-SEC 22

15100.00	6.21	598.71	0.00	0.00	598.73	0.02	0.06	0.02	598.80
236.	15.	170.	52.	39.	117.	129.	182.	90.	598.63
3.84	0.37	1.45	0.40	0.050	0.035	0.050	0.000	592.50	181.38
0.000214	754.	754.	754.	2	0	0	0.00	247.57	520.00

CCHV= 0.100 CEHV= 0.300

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   SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     BANK ELEV
   Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*SECNO 15786.000
          1400 FT UPSTREAM OF GUDITH RD-SEC 23
 15786.00      6.08    598.88      0.00      0.00    598.94      0.06      0.20      0.01    600.60
    236.         0.      236.        0.        0.      118.        0.      185.        92.     599.00
     3.94      0.00      2.00      0.00     0.050     0.035     0.050     0.000    592.80   5802.87
0.000398       686.      686.      686.         2         0         0      0.00     28.96   5831.83

*SECNO 16886.000

3470 ENCROACHMENT STATIONS=     3950.0     4031.0  TYPE=       1  TARGET=        81.000
          900 FT DOWNSTREAM OF CARTER RD-SEC 24
 16886.00      5.19    599.39      0.00      0.00    599.47      0.08      0.53      0.01    599.90
    236.         0.      236.        0.        0.      103.        0.      188.        93. 100000.00
     4.07      0.00      2.28      0.00     0.050     0.035     0.050     0.000    594.20   4000.80
0.000591       1100.     1100.     1100.         2         0         0      0.00     28.59   4029.38

*SECNO 17703.000

3470 ENCROACHMENT STATIONS=     4000.0     4031.0  TYPE=       1  TARGET=        31.000
 17703.00      5.62    599.82      0.00      0.00    599.89      0.06      0.41      0.00    599.90
    236.         0.      236.        0.        0.      116.        0.      190.        94. 100000.00
     4.18      0.00      2.04      0.00     0.050     0.035     0.050     0.000    594.20   4000.12
0.000431       817.      817.      817.         2         0         0      0.00     29.95   4030.07

CCHV=   0.600 CEHV=   1.000
*SECNO 17741.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=       600.00 ELREA=       600.00

          CULVERT AT CARTER RD-SEC 25
 17741.00      5.40    599.85      0.00      0.00    600.22      0.38      0.03      0.31    600.82
    236.         0.      236.        0.        0.       48.        0.      190.        94.     600.75
     4.19      0.00      4.93      0.00     0.050     0.019     0.050     0.000    594.45   4245.52
0.001204        38.       38.       38.         0         0         0      0.00      8.97   4254.49
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.34	2.60	0.00	9.00	0.00	32.00	0.00	594.45	594.45

*SECNO 17833.000

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
601.82	600.22	0.00	61.	176.	32.	44.	599.30	600.46

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 600.82 ELREA= 600.46

17833.00	6.22	600.67	0.00	0.00	600.94	0.27	0.72	0.00	600.82
236.	0.	234.	2.	0.	55.	11.	190.	94.	600.75
4.19	0.00	4.23	0.21	0.050	0.019	0.050	0.000	594.45	4245.50
0.000816	92.	92.	92.	2	0	4	0.00	106.89	4360.71

CCHV= 0.100 CEHV= 0.300

*SECNO 17844.000

3265 DIVIDED FLOW

17844.00	6.26	600.71	0.00	0.00	600.96	0.25	0.01	0.00	600.82
236.	0.	229.	7.	0.	56.	16.	190.	94.	600.75
4.19	0.00	4.07	0.45	0.050	0.035	0.050	0.000	594.45	4245.50
0.002542	11.	11.	11.	2	0	0	0.00	114.50	4363.88

*SECNO 18144.000
CORPORATE BOUNDARY-SEC 26

18144.00	5.75	601.35	0.00	0.00	601.44	0.09	0.46	0.02	601.00
236.	52.	180.	4.	60.	65.	12.	191.	95.	600.90
4.23	0.86	2.76	0.35	0.050	0.035	0.050	0.000	595.60	1015.92
0.001042	300.	300.	300.	2	0	0	0.00	172.25	1188.17

PRINTED IN U.S.A.

THIS RUN EXECUTED 1 MAR 84 11:04:08

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR - 01,02,03,04,05
  MODIFICATION - 50,51,52,53,54,55
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T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      100 YEAR FREQUENCY FLOOD
T3      BROWNSTOWN CREEK

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       4.        0.        0.  0.000000      0.00      0.0       0.   588.400     0.000
J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    3.000      0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 3

CCHV= 0.600 CEHV= 1.000

*SECNO 0.000

44 FT DOWNSTREAM OF VREELAND RD

0.00	7.90	588.40	0.00	588.40	588.41	0.01	0.00	0.00	585.10
710.	127.	215.	368.	224.	160.	736.	0.	0.	584.30
0.00	0.57	1.34	0.50	0.050	0.035	0.050	0.000	580.50	168.97
0.000094	0.	0.	0.	0	0	0	0.00	511.03	680.00

*SECNO 44.000

3301 HV CHANGED MORE THAN HVINS

CULVERT AT VREELAND RD-SEC 1

44.00	7.91	588.41	0.00	0.00	589.63	1.22	0.01	1.21	589.59
710.	0.	710.	0.	0.	80.	0.	1.	0.	589.54
0.00	0.00	8.87	0.00	0.050	0.013	0.050	0.000	580.50	1094.22
0.001195	44.	44.	44.	0	0	0	0.00	11.56	1105.78

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.76	2.60	0.00	11.60	0.00	54.00	0.00	580.50	580.50

*SECNO 123.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.13	589.63	0.00	223.	487.	54.	74.	586.90	589.54

123.00	9.30	589.80	0.00	0.00	590.64	0.83	1.00	0.00	589.59
710.	1.	707.	2.	5.	96.	10.	1.	0.	589.54
0.00	0.18	7.35	0.21	0.050	0.013	0.050	0.000	580.50	1045.35
0.000726	79.	79.	79.	4	0	0	0.00	136.20	1181.55

CCHV= 0.100 CEHV= 0.300

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 183.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1015.0 1150.0 TYPE= 1 TARGET= 135.000
100 FT UPSTREAM OF VREELAND RD-SEC 2

183.00	9.21	590.71	0.00	0.00	590.73	0.02	0.01	0.08	586.10
710.	210.	299.	201.	268.	193.	248.	1.	1.	585.30
0.02	0.78	1.55	0.81	0.050	0.035	0.050	0.000	581.50	1015.00
0.000098	60.	60.	60.	2	0	0	0.00	135.00	1150.00

*SECNO 2483.000

3470 ENCROACHMENT STATIONS= 400.0 1100.0 TYPE= 1 TARGET= 700.000
SECTION 3

2483.00	7.44	590.84	0.00	0.00	590.84	0.00	0.11	0.00	587.00
710.	161.	132.	417.	499.	181.	1312.	73.	23.	588.00
1.63	0.32	0.73	0.32	0.050	0.035	0.050	0.000	583.40	400.00
0.000029	2300.	2300.	2300.	2	0	0	0.00	700.00	1100.00

CCHV= 0.300 CEHV= 0.500

*SECNO 3883.000

3470 ENCROACHMENT STATIONS= 1725.0 2425.0 TYPE= 1 TARGET= 700.000
SECTION 4 DOWNSTREAM OF CONFLUENCE

3883.00	6.12	590.92	0.00	0.00	590.99	0.07	0.11	0.04	588.30
710.	85.	338.	287.	64.	115.	279.	112.	38.	588.30
1.83	1.32	2.93	1.03	0.050	0.035	0.050	0.000	584.80	1725.00
0.000632	1400.	1400.	1400.	1	0	0	0.00	228.36	1953.36

*SECNO 5233.000

3470 ENCROACHMENT STATIONS= 150.0 450.0 TYPE= 1 TARGET= 300.000
FLOW CHANGE DUE TO BRANCH-SEC 5
50 FT DOWNSTREAM OF PLANT ACCESS ROAD

5233.00	6.47	591.67	0.00	0.00	591.73	0.06	0.73	0.00	590.00
406.	118.	273.	15.	172.	119.	26.	124.	44.	590.00
2.04	0.69	2.30	0.57	0.050	0.035	0.050	0.000	585.20	150.00
0.000427	1350.	1350.	1350.	2	0	0	0.00	213.61	363.61

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000

*SECNO 5283.000

CULVERT AT PLANT ACCESS RD-SEC 5

5283.00	6.99	591.69	0.00	0.00	591.85	0.16	0.02	0.11	591.08
406.	60.	346.	0.	152.	98.	3.	124.	45.	591.39
2.05	0.39	3.51	0.14	0.050	0.017	0.050	0.000	584.70	64.05
0.000284	50.	50.	50.	0	0	0	0.00	266.48	330.54

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	16.00	0.00	78.00	0.00	585.10	585.10

*SECNO 5317.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.37	592.25	0.00	206.	202.	78.	78.	589.96	590.61

5317.00	6.99	591.69	0.00	0.00	591.86	0.16	0.01	0.00	591.08
406.	60.	346.	0.	151.	98.	3.	125.	45.	591.39
2.05	0.39	3.52	0.14	0.050	0.017	0.050	0.000	584.70	64.43
0.000285	34.	34.	34.	2	0	4	0.00	265.89	330.32

*SECNO 5417.000

5417.00	7.17	591.87	0.00	0.00	591.95	0.08	0.04	0.05	591.08
406.	132.	272.	3.	195.	101.	9.	125.	46.	591.39
2.07	0.68	2.68	0.30	0.050	0.035	0.050	0.000	584.70	41.48
0.000674	100.	100.	100.	2	0	0	0.00	302.34	343.81

*SECNO 6255.000

50 FT DOWNSTREAM VAN HORN RD-SEC 6

6255.00	5.95	592.45	0.00	0.00	592.57	0.12	0.58	0.04	589.90
406.	40.	326.	40.	40.	108.	45.	130.	49.	590.30
2.15	0.98	3.03	0.89	0.050	0.035	0.050	0.000	586.50	62.47
0.000707	838.	838.	838.	2	0	0	0.00	109.00	171.47

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 6305.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 594.00 ELREA= 594.00

FLOW CHANGE DUE TO SEWER INFLOW
BRIDGE AT VAN HORN RD AND RR TRACKS-SEC 7-8

6305.00	5.59	592.49	0.00	0.00	592.86	0.37	0.04	0.26	596.00
286.	0.	286.	0.	0.	58.	0.	130.	50.	596.70
2.16	0.00	4.90	0.00	0.050	0.017	0.050	0.000	586.90	100.19
0.000833	50.	50.	50.	0	0	0	0.00	11.09	111.28

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.74	2.60	0.00	10.50	0.00	53.00	0.10	586.90	586.90

*SECNO 6365.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.28	592.86	0.00	0.	286.	53.	52.	591.61	596.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 596.00 ELREA= 596.70

6365.00	6.06	592.96	0.00	0.00	593.28	0.31	0.41	0.00	596.00
286.	0.	286.	0.	0.	64.	0.	130.	50.	596.70
2.16	0.00	4.49	0.00	0.050	0.017	0.050	0.000	586.90	100.17
0.000660	50.	60.	55.	2	0	0	0.00	11.14	111.31

*SECNO 6366.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

6366.00	8.47	593.17	0.00	0.00	593.35	0.19	0.00	0.08	597.78
286.	0.	286.	0.	0.	83.	0.	130.	50.	597.79
2.16	0.00	3.46	0.00	0.050	0.017	0.050	0.000	584.70	94.41
0.000326	1.	1.	1.	2	0	0	0.00	11.24	105.65

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	12.00	0.00	82.00	0.00	584.70	584.70

*SECNO 6405.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.47	593.35	0.00	0.	286.	82.	83.	591.62	597.78

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 597.78 ELREA= 597.78

6405.00	8.59	593.29	0.00	0.00	593.47	0.18	0.12	0.00	597.78
286.	0.	286.	0.	0.	84.	0.	130.	50.	597.79
2.16	0.00	3.40	0.00	0.050	0.017	0.050	0.000	584.70	94.39
0.000312	39.	39.	39.	2	0	0	0.00	11.26	105.66

CCHV= 0.100 CEHV= 0.300
*SECNO 6417.000

3470 ENCROACHMENT STATIONS= 95.0 130.0 TYPE= 1 TARGET= 35.000

6417.00	6.93	593.43	0.00	0.00	593.49	0.06	0.00	0.01	589.90
286.	12.	258.	15.	17.	130.	21.	130.	50.	590.30
2.17	0.73	1.99	0.75	0.050	0.035	0.050	0.000	586.50	95.00
0.000235	12.	12.	12.	2	0	0	0.00	35.00	130.00

*SECNO 6967.000
FLOW CHANGE AT CONFLUENCE WITH CLEE WEST-SEC 9

6967.00	5.96	593.56	0.00	0.00	593.57	0.01	0.07	0.00	591.00
317.	66.	109.	143.	161.	103.	300.	135.	52.	591.50
2.40	0.41	1.05	0.47	0.050	0.035	0.050	0.000	587.60	0.91
0.000090	550.	550.	550.	2	0	0	0.00	276.50	277.41

CCHV= 0.600 CEHV= 1.000
*SECNO 7894.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 75.0 123.0 TYPE= 1 TARGET= 48.000

7894.00	6.12	593.72	0.00	0.00	593.79	0.07	0.16	0.06	591.00
317.	67.	250.	0.	60.	107.	0.	143.	55.	100000.00
2.52	1.10	2.34	0.00	0.050	0.035	0.050	0.000	587.60	75.00
0.000475	927.	927.	927.	1	0	0	0.00	48.00	123.00

*SECNO 7965.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 601.00 ELREA= 601.00

BOX CULVERT AT I-75-SEC 10

7965.00	5.67	593.77	0.00	0.00	594.28	0.51	0.05	0.44	606.14
317.	0.	317.	0.	0.	55.	0.	143.	55.	606.41
2.53	0.00	5.73	0.00	0.050	0.017	0.050	0.000	588.10	94.71
0.001126	71.	71.	71.	2	0	0	0.00	10.58	105.29

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.60	0.00	12.00	0.00	102.00	0.00	588.10	588.10

*SECNO 8160.000

6070, LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 594.279 ELLC= 596.520 PCWSE= 593.770 ELTRD= 606.140

3370 NORMAL BRIDGE, NRD= 5 MIN ELTRD= 606.14 MAX ELLC= 596.52

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 606.14 ELREA= 606.41

8160.00	5.96	594.06	0.00	0.00	594.51	0.46	0.20	0.03	606.14
317.	0.	317.	0.	0.	58.	0.	143.	55.	606.41
2.54	0.00	5.42	0.00	0.050	0.017	0.050	0.000	588.10	94.69
0.000976	195.	195.	195.	2	0	0	0.00	10.61	105.30

*SECNO 8240.000

3470 ENCROACHMENT STATIONS= 2300.0 2365.0 TYPE= 1 TARGET= 65.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
8240.00	5.94	594.74	0.00	0.00	594.80	0.06	0.05	0.24	592.00
317.	49.	210.	57.	50.	94.	59.	143.	55.	591.60
2.55	0.98	2.24	0.96	0.050	0.035	0.050	0.000	588.80	2300.00
0.000371	80.	80.	80.	2	0	0	0.00	65.00	2365.00

*SECNO 8320.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 595.00 ELREA= 595.00

FOOT BRIDGE-SEC 11

8320.00	6.08	594.78	0.00	0.00	594.90	0.12	0.04	0.06	592.40
317.	0.	317.	0.	0.	113.	0.	144.	55.	592.50
2.56	0.00	2.80	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.000579	80.	80.	80.	1	0	0	0.00	23.00	2327.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.60	0.00	23.00	0.00	150.00	0.00	588.70	588.70

*SECNO 8332.000

6070, LOW FLOW BY NORMAL BRIDGE

EGPRS= 594.888 EGLWC= 594.902 ELLC= 594.390 PCWSE= 594.780 ELTRD= 595.350

3370 NORMAL BRIDGE, NRD= 4 MIN ELTRD= 595.35 MAX ELLC= 594.39

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 595.35 ELREA= 595.35

8332.00	6.09	594.79	0.00	0.00	594.98	0.19	0.01	0.06	592.40
317.	0.	317.	0.	0.	92.	0.	144.	55.	592.50
2.56	0.00	3.46	0.00	0.050	0.035	0.050	0.000	588.70	2304.00
0.002796	12.	12.	12.	1	0	0	-25.90	23.00	2327.00

CCHV= 0.100 CEHV= 0.300

*SECNO 8444.000

3470 ENCROACHMENT STATIONS= 575.0 825.0 TYPE= 1 TARGET= 250.000

8444.00	6.22	595.02	0.00	0.00	595.03	0.01	0.04	0.02	592.00
317.	40.	123.	154.	68.	95.	321.	145.	56.	591.60
2.59	0.59	1.29	0.48	0.050	0.035	0.050	0.000	588.80	575.00
0.000117	112.	112.	112.	2	0	0	0.00	250.00	825.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 9674.000

3470 ENCROACHMENT STATIONS= 1000.0 1400.0 TYPE= 1 TARGET= 400.000
800 FT DOWNSTREAM OF HALL RD-SEC 13

9674.00	6.39	595.19	0.00	0.00	595.21	0.02	0.17	0.00	592.50
317.	94.	167.	56.	169.	108.	125.	157.	63.	592.80
2.92	0.56	1.54	0.45	0.050	0.035	0.050	0.000	588.80	1000.00
0.000173	1230.	1230.	1230.	3	0	0	0.00	254.11	1254.11

CCHV= 0.600 CEHV= 1.000
*SECNO 10403.000

3470 ENCROACHMENT STATIONS= 1100.0 1130.0 TYPE= 1 TARGET= 30.000

10403.00	6.58	595.38	0.00	0.00	595.49	0.10	0.20	0.08	592.50
317.	2.	299.	17.	3.	113.	17.	161.	65.	592.80
3.00	0.54	2.65	0.98	0.050	0.035	0.050	0.000	588.80	1100.00
0.000488	729.	729.	729.	2	0	0	0.00	30.00	1130.00

*SECNO 10433.000
TWIN CULVERT AT HALL RD-SEC 14

10433.00	7.09	595.39	0.00	0.00	595.61	0.21	0.01	0.11	596.51
317.	0.	317.	0.	0.	85.	0.	162.	65.	596.51
3.00	0.00	3.72	0.00	0.050	0.011	0.050	0.000	588.30	2893.02
0.000181	30.	30.	30.	0	0	0	0.00	13.88	2906.90

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.57	2.60	0.00	14.00	0.00	57.00	0.00	587.90	588.30

*SECNO 10515.000

3265 DIVIDED FLOW

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
596.15	595.24	0.00	14.	303.	57.	84.	593.89	595.63	

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.97 ELREA= 595.63

10515.00	7.60	595.90	0.00	0.00	596.08	0.18	0.47	0.00	596.51
317.	0.	316.	1.	0.	92.	12.	162.	65.	596.51
3.01	0.00	3.42	0.10	0.050	0.011	0.050	0.000	588.30	2893.01
0.000144	82.	82.	82.	3	0	4	0.00	101.94	3058.86

CCHV= 0.300 CEHV= 0.500
*SECNO 10744.000

3470 ENCROACHMENT STATIONS= 2470.0 3030.0 TYPE= 1 TARGET= 560.000
200 FT UPSTREAM OF HALL RD-SEC 15

10744.00	6.84	596.14	0.00	0.00	596.15	0.00	0.01	0.05	593.70
317.	27.	182.	108.	187.	309.	534.	165.	67.	594.00
3.16	0.15	0.59	0.20	0.050	0.035	0.050	0.000	589.30	2470.00
0.000022	229.	229.	229.	2	0	0	0.00	560.00	3030.00

CCHV= 0.600 CEHV= 1.000
*SECNO 10903.000

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10903.00	6.85	596.15	0.00	0.00	596.16	0.01	0.00	0.01	593.70
317.	49.	252.	16.	322.	310.	53.	168.	69.	594.00
3.22	0.15	0.81	0.29	0.050	0.035	0.050	0.000	589.30	1955.00
0.000041	159.	159.	159.	0	0	0	0.00	800.00	2755.00

*SECNO 10918.000

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10918.00	6.85	596.15	0.00	0.00	596.16	0.01	0.00	0.00	593.70
317.	48.	253.	16.	316.	309.	53.	168.	70.	594.00
3.23	0.15	0.82	0.30	0.050	0.035	0.050	0.000	589.30	1955.00
0.000042	15.	15.	15.	0	0	0	0.00	800.00	2755.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10933.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1000.0 1800.0 TYPE= 1 TARGET= 800.000
CULVERT AT GRIX RD-SEC 16

10933.00	6.66	596.16	0.00	0.00	596.16	0.00	0.00	0.00	596.45
317.	290.	27.	0.	669.	33.	0.	168.	70.	596.49
3.24	0.43	0.83	0.04	0.050	0.035	0.050	0.000	589.50	1000.00
0.000209	15.	15.	15.	0	0	0	-10.79	694.17	1800.00

*SECNO 10957.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS= 1000.0 1800.0 TYPE= 1 TARGET= 800.000

10957.00	6.66	596.16	0.00	0.00	596.17	0.00	0.00	0.00	596.45
317.	290.	27.	0.	677.	33.	0.	169.	70.	596.49
3.25	0.43	0.81	0.04	0.050	0.035	0.050	0.000	589.50	1000.00
0.000202	24.	24.	24.	0	0	0	-10.86	697.79	1800.00

*SECNO 10966.000

3470 ENCROACHMENT STATIONS= 2500.0 3300.0 TYPE= 1 TARGET= 800.000

10966.00	6.87	596.17	0.00	0.00	596.17	0.00	0.00	0.00	593.70
317.	23.	141.	153.	190.	310.	991.	169.	71.	594.00
3.26	0.12	0.46	0.15	0.050	0.035	0.050	0.000	589.30	2500.00
0.000013	9.	9.	9.	0	0	0	0.00	800.00	3300.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11921.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
3470 ENCROACHMENT STATIONS=				1500.0	2000.0	TYPE=	1	TARGET=	500.000	
1000 FT UPSTREAM OF GRIX RD-SEC 17										
11921.00	5.66	596.16	0.00	0.00	596.22	0.07	0.04	0.02	593.00	
317.	95.	222.	0.	83.	93.	0.	187.	80.	596.20	
3.39	1.15	2.38	0.00	0.050	0.035	0.050	0.000	590.50	1550.73	
0.000559	955.	955.	955.	2	0	0	0.00	74.18	1624.91	
*SECNO 12721.000										
1000 FT DOWNSTREAM OF WEST-RD SEC 18										
12721.00	5.75	596.65	0.00	0.00	596.77	0.12	0.53	0.02	595.40	
317.	19.	275.	23.	30.	92.	21.	190.	82.	594.00	
3.47	0.64	2.99	1.09	0.050	0.035	0.050	0.000	590.90	1937.42	
0.000804	800.	800.	800.	2	0	0	0.00	100.49	2037.91	
*SECNO 13641.000										
3470 ENCROACHMENT STATIONS=				1676.0	1705.0	TYPE=	1	TARGET=	29.000	
13641.00	5.66	597.46	0.00	0.00	597.61	0.15	0.83	0.01	598.00	
317.	0.	317.	0.	0.	103.	0.	193.	83.	100000.00	
3.56	0.00	3.08	0.00	0.050	0.035	0.050	0.000	591.80	1676.72	
0.001017	920.	920.	920.	2	0	0	0.00	26.90	1703.63	
CCHV= 0.600 CEHV= 1.000										
*SECNO 13683.000										
3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=					597.70	ELREA=		597.70		
CULVERT AT WEST RD-SEC 19										
13683.00	6.64	597.50	0.00	0.00	597.86	0.36	0.04	0.21	599.13	
317.	0.	317.	0.	0.	66.	0.	193.	83.	599.13	
3.56	0.00	4.81	0.00	0.050	0.019	0.050	0.000	590.86	1695.01	
0.000933	42.	42.	42.	0	0	0	0.00	9.98	1704.99	

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	CDEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.73	2.60	0.00	10.00	0.00	49.00	0.00	590.86	590.86

*SECNO 13759.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
598.63	597.86	0.00	0.	317.	49.	58.	596.63	598.92

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 598.92 ELREA= 599.02

13759.00	7.49	598.35	0.00	0.00	598.63	0.28	0.77	0.00	599.13
317.	0.	317.	0.	0.	74.	0.	193.	83.	599.13
3.57	0.00	4.26	0.00	0.050	0.019	0.050	0.000	590.86	1695.01
0.000686	76.	76.	76.	2	0	0	0.00	9.99	1704.99

CCHV= 0.100 CEHV= 0.300
*SECNO 13771.000

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 1 TARGET= 29.000

13771.00	6.77	598.57	0.00	0.00	598.65	0.09	0.01	0.02	598.00
317.	0.	317.	0.	0.	134.	0.	193.	83.	100000.00
3.57	0.00	2.36	0.00	0.050	0.035	0.050	0.000	591.80	1676.00
0.000484	12.	12.	12.	2	0	0	0.00	29.00	1705.00

*SECNO 13883.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 1530.0 1830.0 TYPE= 1 TARGET= 300.000

13883.00	6.86	598.66	0.00	0.00	598.70	0.04	0.04	0.01	598.00
317.	77.	236.	4.	157.	137.	19.	194.	83.	598.30
3.59	0.49	1.72	0.19	0.050	0.035	0.050	0.000	591.80	1530.00
0.000243	112.	112.	112.	2	0	0	0.00	255.41	1790.31

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	TIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 14175.000

3470 ENCROACHMENT STATIONS= 1100.0 1830.0 TYPE= 1 TARGET= 730.000

14175.00	6.92	598.72	0.00	0.00	598.73	0.00	0.03	0.00	598.00
317.	197.	118.	3.	736.	139.	24.	198.	87.	598.30
3.76	0.27	0.85	0.10	0.050	0.035	0.050	0.000	591.80	1100.00
0.000058	292.	292.	292.	2	0	0	0.00	692.14	1792.14

CCHV= 0.600 CEHV= 1.000

*SECNO 14237.000

3470 ENCROACHMENT STATIONS= 1230.0 1970.0 TYPE= 1 TARGET= 740.000

TWIN CULVERT AT GUDITH RD-SEC 21

14237.00	7.23	598.73	0.00	0.00	598.76	0.03	0.00	0.03	597.67
317.	99.	213.	5.	602.	117.	56.	199.	88.	597.79
3.77	0.16	1.81	0.10	0.050	0.011	0.050	0.000	591.50	1230.00
0.000028	62.	62.	62.	0	0	0	0.00	740.00	1970.00

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.58	2.60	0.00	17.00	0.00	34.00	0.00	591.50	591.50

*SECNO 14329.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
600.86	598.76	0.00	111.	204.	34.	54.	594.68	597.67

3470 ENCROACHMENT STATIONS= 1280.0 1970.0 TYPE= 1 TARGET= 690.000

14329.00	3.10	599.60	0.00	0.00	599.61	0.01	0.85	0.00	597.67
317.	143.	153.	21.	995.	132.	198.	201.	89.	597.79
3.81	0.14	1.15	0.11	0.050	0.011	0.050	0.000	591.50	1280.00
0.000010	92.	92.	92.	1	0	2	0.00	690.00	1970.00

*SECNO 14346.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 1180.0 1870.0 TYPE= 1 TARGET= 690.000

14346.00	7.82	599.62	0.00	0.00	599.62	0.00	0.00	0.01	598.00
317.	216.	84.	17.	1069.	165.	146.	202.	89.	598.30
3.83	0.20	0.51	0.12	0.050	0.035	0.050	0.000	591.80	1180.00
0.000017	17.	17.	17.	1	0	0	0.00	690.00	1870.00

*SECNO 15100.000

3470 ENCROACHMENT STATIONS= 180.0 520.0 TYPE= 1 TARGET= 340.000

800 FT UPSTREAM OF GUDITH RD-SEC 22

15100.00	7.14	599.64	0.00	0.00	599.65	0.01	0.02	0.01	598.80
317.	50.	156.	111.	159.	145.	270.	218.	98.	598.63
4.12	0.32	1.07	0.41	0.050	0.035	0.050	0.000	592.50	180.00
0.000089	754.	754.	754.	1	0	0	0.00	340.00	520.00

CCHV= 0.100 CEHV= 0.300

*SECNO 15786.000

1400 FT UPSTREAM OF GUDITH RD-SEC 23

15786.00	6.91	599.71	0.00	0.00	599.79	0.08	0.11	0.02	600.60
317.	0.	316.	1.	0.	143.	3.	224.	101.	599.00
4.20	0.00	2.22	0.30	0.050	0.035	0.050	0.000	592.80	5801.48
0.000406	686.	686.	686.	2	0	0	0.00	39.64	5841.13

*SECNO 16886.000

3470 ENCROACHMENT STATIONS= 3950.0 4031.0 TYPE= 1 TARGET= 81.000

900 FT DOWNSTREAM OF CARTER RD-SEC 24

16886.00	6.02	600.22	0.00	0.00	600.32	0.09	0.53	0.01	599.90
317.	0.	317.	0.	2.	128.	0.	228.	102.	100000.00
4.33	0.21	2.47	0.00	0.050	0.035	0.050	0.000	594.20	3988.42
0.000576	1100.	1100.	1100.	2	0	0	0.00	42.30	4030.72

*SECNO 17703.000

3470 ENCROACHMENT STATIONS= 4000.0 4031.0 TYPE= 1 TARGET= 31.000

17703.00	6.45	600.65	0.00	0.00	600.73	0.08	0.41	0.00	599.90
317.	0.	317.	0.	0.	141.	0.	230.	103.	100000.00
4.43	0.00	2.24	0.00	0.050	0.035	0.050	0.000	594.20	4000.00
0.000438	817.	817.	817.	2	0	0	0.00	31.00	4031.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 17741.000

3265 DIVIDED FLOW

CULVERT AT CARTER RD-SEC 25

17741.00	6.23	600.68	597.86	0.00	601.17	0.49	0.03	0.41	600.82
317.	0.	314.	3.	0.	55.	12.	230.	103.	600.75
4.43	0.00	5.66	0.30	0.050	0.019	0.050	0.000	594.45	4245.50
0.001463	38.	38.	38.	0	17	0	0.00	108.46	4361.37

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.34	2.60	0.00	9.00	0.00	32.00	0.00	594.45	594.45

*SECNO 17833.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
604.24	601.17	0.00	187.	131.	32.	44.	599.30	600.46

17833.00	6.43	600.88	0.00	0.00	601.29	0.40	0.11	0.00	600.82
317.	0.	300.	17.	0.	57.	36.	230.	103.	600.75
4.44	0.10	5.24	0.47	0.050	0.019	0.050	0.000	594.45	4231.25
0.001214	92.	92.	92.	3	0	0	0.00	144.25	4375.50

CCHV= 0.100 CEHV= 0.300
*SECNO 17844.000

17844.00	6.65	601.10	0.00	0.00	601.32	0.22	0.02	0.02	600.82
317.	4.	251.	62.	8.	60.	65.	230.	103.	600.75
4.44	0.50	4.19	0.95	0.050	0.035	0.050	0.000	594.45	4199.38
0.002504	11.	11.	11.	2	0	0	0.00	191.56	4390.93

*SECNO 18144.000

CORPORATE BOUNDARY-SEC 26

18144.00	6.09	601.69	0.00	0.00	601.77	0.08	0.44	0.01	601.00
317.	90.	203.	24.	92.	72.	43.	232.	105.	600.90
4.48	0.98	2.82	0.56	0.050	0.035	0.050	0.000	595.60	1004.42
0.000946	300.	300.	300.	2	0	0	0.00	218.76	1223.18

PRINTED IN U.S.A.

THIS RUN EXECUTED 1 MAR 84 11:04:32

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 500 YEAR FREQUENCY FLOOD
T3 BROWNSTOWN CREEK

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	588.900	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

CCHV= 0.600 CEHV= 1.000

*SECNO 0.000

44 FT DOWNSTREAM OF VREELAND RD

0.00	8.40	588.90	0.00	588.90	588.91	0.01	0.00	0.00	585.10
860.	161.	228.	471.	284.	173.	938.	0.	0.	584.30
0.00	0.57	1.32	0.50	0.050	0.035	0.050	0.000	580.50	138.79
0.000083	0.	0.	0.	0	0	0	0.00	591.21	730.00

*SECNO 44.000

3301 HV CHANGED MORE THAN HVINS

CULVERT AT VREELAND RD-SEC 1

44.00	8.41	588.91	0.00	0.00	590.47	1.56	0.01	1.55	589.59
860.	0.	860.	0.	0.	86.	0.	1.	0.	589.54
0.00	0.00	10.02	0.00	0.050	0.013	0.050	0.000	580.50	1094.21
0.001468	44.	44.	44.	0	0	0	0.00	11.58	1105.79

SPECIAL BRIDGE

SB XK	XKQR	CQFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.76	2.60	0.00	11.60	0.00	54.00	0.00	580.50	580.50

*SECNO 123.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
595.84	590.47	0.00	387.	475.	54.	74.	586.90	589.54

123.00	9.30	589.80	0.00	0.00	591.02	1.22	0.55	0.00	589.59
860.	1.	856.	3.	5.	96.	10.	1.	0.	589.54
0.00	0.22	8.90	0.25	0.050	0.013	0.050	0.000	580.50	1044.64
0.001063	79.	79.	79.	5	0	0	0.00	137.79	1182.44

CCHV= 0.100 CEHV= 0.300

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 183.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 1015.0 1150.0 TYPE= 1 TARGET= 135.000
100 FT UPSTREAM OF VREELAND RD-SEC 2

183.00	9.63	591.13	0.00	0.00	591.16	0.03	0.02	0.12	586.10
860.	262.	351.	247.	294.	204.	269.	2.	1.	585.30
0.02	0.89	1.72	0.92	0.050	0.035	0.050	0.000	581.50	1015.00
0.000113	60.	60.	60.	.2	0	0	0.00	135.00	1150.00

*SECNO 2483.000

3470 ENCROACHMENT STATIONS= 400.0 1100.0 TYPE= 1 TARGET= 700.000
SECTION 3

2483.00	7.87	591.27	0.00	0.00	591.27	0.00	0.11	0.00	587.00
860.	200.	144.	516.	587.	194.	1517.	82.	23.	588.00
1.58	0.34	0.74	0.34	0.050	0.035	0.050	0.000	583.40	400.00
0.000027	2300.	2300.	2300.	3	0	0	0.00	700.00	1100.00

CCHV= 0.300 CEHV= 0.500
*SECNO 3883.000

3470 ENCROACHMENT STATIONS= 1725.0 2425.0 TYPE= 1 TARGET= 700.000
SECTION 4 DOWNSTREAM OF CONFLUENCE

3883.00	6.54	591.34	0.00	0.00	591.41	0.07	0.10	0.03	588.30
860.	103.	373.	384.	75.	125.	359.	128.	38.	588.30
1.78	1.38	2.97	1.07	0.050	0.035	0.050	0.000	584.80	1725.00
0.000580	1400.	1400.	1400.	2	0	0	0.00	252.10	1977.10

*SECNO 5233.000

3470 ENCROACHMENT STATIONS= 150.0 450.0 TYPE= 1 TARGET= 300.000
FLOW CHANGE DUE TO BRANCH-SEC 5
50 FT DOWNSTREAM OF PLANT ACCESS ROAD

5233.00	6.86	592.06	0.00	0.00	592.13	0.06	0.71	0.00	590.00
552.	197.	325.	30.	231.	129.	43.	143.	45.	590.00
1.99	0.85	2.52	0.69	0.050	0.035	0.050	0.000	585.20	150.00
0.000459	1350.	1350.	1350.	2	0	0	0.00	224.58	374.58

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000

*SECNO 5283.000

CULVERT AT PLANT ACCESS RD-SEC 5

5283.00	7.38	592.08	0.00	0.00	592.27	0.18	0.02	0.12	591.08
552.	132.	415.	5.	252.	105.	18.	144.	46.	591.39
1.99	0.53	3.96	0.27	0.050	0.017	0.050	0.000	584.70	14.80
0.000332	50.	50.	50.	0	0	0	0.00	344.70	359.50

SPECIAL BRIDGE

SB	XK	XKOR	CDFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	16.00	0.00	78.00	0.00	585.10	585.10

*SECNO 5317.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
593.34	592.67	C.00	331.	221.	78.	78.	589.96	590.61

5317.00	7.40	592.10	0.00	0.00	592.28	0.18	0.02	0.00	591.08
552.	134.	413.	5.	256.	105.	19.	144.	46.	591.39
2.00	0.53	3.93	0.27	0.050	0.017	0.050	0.000	584.70	12.92
0.000326	34.	34.	34.	2	0	5	0.00	347.68	360.60

*SECNO 5417.000

5417.00	7.64	592.34	0.00	0.00	592.40	0.06	0.04	0.07	591.08
552.	256.	281.	15.	326.	109.	34.	145.	47.	591.39
2.01	0.79	2.58	C.43	C.050	0.035	0.050	0.000	584.70	0.95
0.000568	100.	100.	100.	2	0	0	0.00	377.55	378.50

*SECNO 6255.000

50 FT DOWNSTREAM VAN HORN RD-SEC 6

6255.00	6.41	592.91	0.00	0.00	593.05	0.14	0.56	0.08	589.90
552.	70.	406.	76.	60.	118.	68.	152.	52.	590.30
2.10	1.16	3.44	1.12	0.050	0.035	0.050	0.000	586.50	49.40
0.000804	838.	838.	838.	2	0	0	0.00	127.09	176.49

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.600 CEHV= 1.000
*SECNO 6305.000

3301 HV CHANGED MORE THAN HVINS

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 594.00 ELREA= 594.00

FLOW CHANGE DUE TO SEWER INFLOW
BRIDGE AT VAN HORN RD AND RR TRACKS-SEC 7-8

6305.00	6.06	592.96	0.00	0.00	593.67	0.72	0.05	0.58	596.00
432.	0.	432.	0.	0.	64.	0.	152.	52.	596.70
2.10	0.00	6.80	0.00	0.050	0.017	0.050	0.000	586.90	100.17
0.001517	50.	50.	50.	1	0	0	0.00	11.14	111.31

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.74	2.60	0.00	10.50	0.00	53.00	0.10	586.90	586.90

*SECNO 6365.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
594.75	593.67	0.00	0.	432.	53.	52.	591.61	596.00

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 596.00 ELREA= 596.70

6365.00	7.38	594.28	0.00	0.00	594.75	0.47	1.08	0.00	596.00
432.	0.	432.	0.	0.	79.	0.	152.	52.	596.70
2.10	0.00	5.50	0.00	0.050	0.017	0.050	0.000	586.90	100.09
0.000870	50.	60.	55.	2	0	0	0.00	11.28	111.38

*SECNO 6366.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 595.00 ELREA= 595.00

6366.00	9.86	594.56	0.00	0.00	594.86	0.30	0.00	0.10	597.78
432.	0.	432.	0.	0.	98.	0.	152.	52.	597.79
2.10	0.00	4.39	0.00	0.050	0.017	0.050	0.000	584.70	94.28
0.000477	1.	1.	1.	2	0	0	0.00	11.47	105.75

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	TTRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.62	2.60	0.00	12.00	0.00	82.00	0.00	584.70	584.70

*SECNO 6405.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
595.25	594.86	0.00	0.	432.	82.	83.	591.62	597.78

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 597.78 ELREA= 597.78

6405.00	10.28	594.98	0.00	0.00	595.25	0.27	0.40	0.00	597.78
432.	0.	432.	0.	0.	103.	0.	152.	52.	597.79
2.10	0.00	4.18	0.00	0.050	0.017	0.050	0.000	584.70	94.25
0.000422	39.	39.	39.	2	0	0	0.00	11.54	105.79

CCHV= 0.100 CEHV= 0.300
*SECNO 6417.000

3470 ENCROACHMENT STATIONS= 95.0 130.0 TYPE= 1 TARGET= 35.000

6417.00	8.71	595.21	0.00	0.00	595.28	0.07	0.00	0.02	589.90
432.	21.	383.	29.	25.	171.	33.	152.	52.	590.30
2.11	0.81	2.24	0.86	0.050	0.035	0.050	0.000	586.50	95.00
0.000208	12.	12.	12.	2	0	0	0.00	35.00	130.00

*SECNO 6967.000
FLOW CHANGE AT CONFLUENCE WITH CLEE WEST-SEC 9

6967.00	7.72	595.32	0.00	0.00	595.33	0.01	0.04	0.01	591.00
573.	154.	135.	283.	336.	144.	616.	161.	54.	591.50
2.37	0.46	0.94	0.46	0.050	0.035	0.050	0.000	587.60	0.66
0.000046	550.	550.	550.	2	0	0	0.00	337.49	338.15

CCHV= 0.600 CEHV= 1.000
*SECNO 7894.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		75.0	123.0	TYPE=	1	TARGET=	48.000		
7894.00	7.82	595.42	0.00	0.00	595.52	0.10	0.10	0.09	591.00
573.	160.	413.	0.	103.	146.	0.	175.	58.	100000.00
2.48	1.55	2.83	0.00	0.050	0.035	0.050	0.000	587.60	75.00
0.000494	927.	927.	927.	1	0	0	0.00	48.00	123.00

*SECNO 7965.000

3301 HV CHANGED MORE THAN HVINS

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 601.00 ELREA= 601.00

BOX CULVERT AT I-75-SEC 10

7965.00	7.38	595.48	0.00	0.00	596.42	0.94	0.06	0.84	606.14
573.	0.	573.	0.	0.	74.	0.	175.	58.	606.41
2.48	0.00	7.78	0.00	0.050	0.017	0.050	0.000	588.10	94.61
0.001750	71.	71.	71.	2	0	0	0.00	10.77	105.38

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.94	2.60	0.00	12.00	0.00	102.00	0.00	588.10	588.10

*SECNO 8160.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 596.422 ELLC= 596.520 PCWSE= 595.481 ELTRD= 606.140

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 606.14 MAX ELLC= 596.52

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 606.14 ELREA= 606.41

8160.00	7.90	596.00	0.00	0.00	596.91	0.81	0.31	0.08	606.14
573.	0.	573.	0.	0.	79.	0.	176.	58.	606.41
2.49	0.00	7.24	0.00	0.050	0.017	0.050	0.000	588.10	94.58
0.001454	195.	195.	195.	3	0	0	0.00	10.83	105.41

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 8240.000

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 2300.0 2365.0 TYPE= 1 TARGET= 65.000

8240.00	8.45	597.25	0.00	0.00	597.30	0.05	0.04	0.46	592.00
573.	112.	320.	141.	100.	141.	125.	176.	58.	591.60
2.50	1.11	2.26	1.14	0.050	0.035	0.050	0.000	588.30	2300.00
0.000218	80.	80.	80.	2	0	0	0.00	65.00	2365.00

*SECNO 8320.000
FOOT BRIDGE-SEC 11

8320.00	8.63	597.33	0.00	0.00	597.33	0.00	0.00	0.03	592.40
573.	512.	26.	34.	7694.	172.	638.	184.	61.	592.50
2.82	0.07	0.15	0.05	0.050	0.035	0.050	0.000	588.70	0.70
0.000001	80.	80.	80.	1	0	0	0.00	2623.09	2623.79

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.60	0.00	23.00	0.00	150.00	0.00	588.70	588.70

*SECNO 8332.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
597.69	597.33	0.00	142.	431.	150.	131.	594.39	595.35

8332.00	8.83	597.53	0.00	0.00	597.53	0.00	0.20	0.00	592.40
573.	513.	25.	35.	8177.	176.	702.	187.	62.	592.50
2.87	0.06	0.14	0.05	0.050	0.035	0.050	0.000	588.70	0.68
0.000001	12.	12.	12.	0	0	4	0.00	2636.10	2636.78

CCHV= 0.100 CEHV= 0.300
*SECNO 8444.000

3470 ENCROACHMENT STATIONS= 575.0 825.0 TYPE= 1 TARGET= 250.000

PRINTED IN U.S.A.

THIS RUN EXECUTED 2 MAR 84 14:28:43

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

C
T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 100 YEAR FREQUENCY FLOOD
T3 CLEE EAST NATURAL PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	591.260	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
QT	2.000	155.000	155.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	1470.000	2201.000	1735.000	2025.000	0.000	0.000	0.000
	100 FT DOWNSTREAM OF HAYDEN RD									
X1	0.000	21.000	1900.000	1919.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	590.000	1.000	590.000	1300.000	589.400	1800.000	589.100	1825.000
GR	589.100	1850.000	589.300	1875.000	589.100	1900.000	586.500	1906.000	586.300	1907.000
GR	585.900	1909.000	586.000	1911.000	586.300	1912.000	588.500	1919.000	589.100	1934.000
GR	589.000	1944.000	589.100	1969.000	589.200	1994.000	589.300	2019.000	589.300	2200.000
GR	610.000	2201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	1510.000	2201.000	1735.000	2025.000	0.000	0.000	0.000
X1	92.000	0.000	0.000	0.000	92.000	92.000	92.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	1570.000	2200.000	1775.000	2025.000	0.000	0.000	0.000
X1	190.000	13.000	1900.000	1903.000	98.000	98.000	98.000	0.000	0.000	0.000
GR	610.000	0.000	590.130	1.000	590.130	1800.000	590.310	1900.000	587.100	1900.000
GR	586.350	1900.750	585.600	1901.500	586.350	1902.250	587.100	1903.000	590.310	1903.000
GR	590.280	2000.000	590.280	2200.000	610.000	2201.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.011	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.110	1570.000	2200.000	1670.000	1903.000	0.000	0.000	0.000
	CULVERT AT HAYDEN RD-SEC 1									
X1	192.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	-5.000	1900.000	590.310	587.100	1900.750	590.310	587.850	1901.500	590.310	588.600
BT	0.000	1902.250	590.310	587.850	1903.000	590.310	587.100	0.000	0.000	0.000

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ET	0.000	4.100	6.110	1600.000	2200.000	1650.000	1903.000	0.000	0.000	0.000
X1	249.000	0.000	0.000	0.000	57.000	57.000	57.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	1600.000	2200.000	1670.000	1919.000	0.000	0.000	0.000
X1	251.000	21.000	1900.000	1919.000	2.000	2.000	2.000	0.000	0.000	0.000
GR	610.000	0.000	590.000	1.000	590.000	1300.000	589.400	1800.000	589.100	1825.000
GR	589.100	1850.000	589.300	1875.000	589.100	1900.000	586.500	1906.000	586.300	1907.000
GR	585.900	1909.000	586.000	1911.000	586.300	1912.000	588.500	1919.000	589.100	1934.000
GR	589.000	1944.000	589.100	1969.000	589.200	1994.000	589.300	2019.000	589.300	2200.000
GR	610.000	2201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	385.000	620.000	500.000	620.000	0.000	0.000	0.000
	150 FT DOWNSTREAM OF VAN HORN RD-SEC 2									
X1	992.000	11.000	500.000	516.000	741.000	741.000	741.000	0.000	0.000	0.000
GR	595.000	0.000	591.000	400.000	590.400	425.000	589.700	450.000	589.700	475.000
GR	589.300	500.000	586.700	508.000	589.200	516.000	589.300	525.000	589.300	1000.000
GR	610.000	1001.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	2.000	275.000	275.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	1.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	435.000	595.000	500.000	595.000	0.000	0.000	0.000
	FLOW CHANGE DUE TO STORM SEWER									
X1	1140.000	0.000	0.000	0.000	148.000	148.000	148.000	0.000	0.000	0.000
NC	0.000	0.000	0.016	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	435.000	595.000	500.000	595.000	0.000	0.000	0.000
	VAN HORN RD-SEC 3									
X1	1142.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
SB	0.000	2.200	2.600	0.000	3.000	0.000	9.000	0.000	0.000	0.000
ET	0.000	4.100	4.100	730.000	870.000	0.000	0.000	0.000	0.000	0.000
X1	1200.000	11.000	798.000	802.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	590.300	590.800	0.000	0.000	0.000	0.000	0.000
BT	-10.000	1.000	595.000	595.000	700.000	590.800	590.800	798.000	591.300	588.260
BT	0.000	798.000	591.300	590.300	800.000	591.300	590.300	800.000	591.300	586.400
BT	0.000	800.740	591.300	586.400	802.000	591.300	588.260	900.000	590.700	590.700
BT	0.000	1600.000	598.000	598.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	595.000	1.000	590.800	700.000	588.260	798.000	586.400	798.740
GR	586.400	800.000	586.400	800.740	588.260	802.000	590.700	900.000	598.000	1600.000
GR	610.000	1600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	730.000	870.000	0.000	0.000	0.000	0.000	0.000
X1	1202.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X1	1478.000	13.000	2100.000	2110.000	276.000	276.000	276.000	0.000	0.000	0.000
GR	610.000	0.000	597.320	1.000	597.320	2000.000	597.330	2100.000	588.480	2100.000
GR	586.300	2100.500	586.300	2105.000	586.310	2109.500	588.480	2110.000	597.330	2110.000
GR	597.440	2200.000	597.440	2900.000	610.000	2901.000	0.000	0.000	0.000	0.000

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NC	0.000	0.000	0.019	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.410	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	RR TRACKS-SEC 4									
X1	1480.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	-5.000	2100.000	597.330	588.480	2100.500	597.330	590.660	2105.000	597.330	593.480
BT	0.000	2109.500	597.330	590.660	2110.000	597.330	588.480	0.000	0.000	0.000
X1	1522.000	0.000	0.000	0.000	42.000	42.000	42.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	500.000	516.000	0.000	0.000	0.000	0.000	0.000
X1	1524.000	11.000	500.000	516.000	2.000	2.000	2.000	0.000	0.000	0.000
GR	595.000	0.000	591.000	400.000	590.400	425.000	589.700	450.000	589.700	475.000
GR	589.300	500.000	586.700	508.000	589.200	516.000	589.300	525.000	589.300	1000.000
GR	600.000	1001.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	0.000	500.000	516.000	0.000	0.000	0.000	0.000	0.000
X1	1628.000	0.000	0.000	0.000	104.000	104.000	104.000	0.000	0.000	0.000
NC	0.000	0.000	0.019	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.410	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1630.000	7.000	94.000	106.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	-5.000	94.000	598.130	586.900	94.000	598.130	592.780	100.000	598.130	592.760
BT	0.000	106.000	598.130	592.820	106.000	598.130	586.900	0.000	0.000	0.000
GR	598.060	0.000	598.130	94.000	586.900	94.000	586.900	100.000	586.900	106.000
GR	598.130	106.000	598.170	200.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	0.000	94.000	106.000	0.000	0.000	0.000	0.000	0.000
X1	1697.000	0.000	0.000	0.000	67.000	67.000	67.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	500.000	516.000	0.000	0.000	0.000	0.000	0.000
X1	1699.000	11.000	500.000	516.000	2.000	2.000	2.000	0.000	0.000	0.000
GR	595.000	0.000	591.000	400.000	590.400	425.000	589.700	450.000	589.700	475.000
GR	589.300	500.000	586.700	508.000	589.200	516.000	589.300	525.000	589.300	1000.000
GR	610.000	1001.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	85.000	480.000	265.000	400.000	0.000	0.000	0.000
	30 FT DOWNSTREAM OF FORK-SEC 6									
X1	1930.000	22.000	265.000	300.000	231.000	231.000	231.000	0.000	0.000	0.000
GR	610.000	0.000	592.800	150.000	592.200	175.000	591.000	200.000	590.200	225.000
GR	589.800	250.000	591.600	265.000	589.900	280.000	589.300	282.000	587.900	284.000
GR	587.500	289.000	588.100	294.000	589.300	297.000	589.900	300.000	590.600	310.000
GR	589.900	325.000	589.800	350.000	589.900	375.000	590.100	400.000	590.500	425.000
GR	595.000	2500.000	610.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000

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ET	0.000	0.000	4.100	50.000	225.000	0.000	0.000	0.000	0.000	0.000
X1	2130.000	20.000	150.000	172.000	200.000	200.000	200.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	590.000	590.600	0.000
GR	610.000	0.000	590.500	1.000	590.200	25.000	590.300	50.000	590.000	75.000
GR	589.900	100.000	590.000	125.000	590.000	150.000	589.300	153.000	588.700	155.000
GR	588.800	158.500	588.900	162.000	589.300	164.000	590.500	172.000	590.600	197.000
GR	590.300	225.000	590.600	250.000	591.300	275.000	595.000	325.000	610.000	326.000
	3200 FT DOWNSTREAM OF WEST RD-SEC 8									
X1	3130.000	0.000	0.000	0.000	1000.000	1000.000	1000.000	0.000	1.400	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.300 CEHV= 0.500

*SECNO 0.000

3470 ENCROACHMENT STATIONS= 1470.0 2201.0 TYPE= 1 TARGET= 731.000

100 FT DOWNSTREAM OF HAYDEN RD

0.00	5.36	591.26	0.00	0.00	591.26	0.00	0.00	0.00	589.10
155.	71.	25.	59.	756.	79.	572.	0.	0.	588.50
0.00	0.09	0.32	0.10	0.070	0.035	0.070	0.000	585.90	1470.00
0.000009	0.	0.	0.	0	0	0	0.00	730.09	2200.09

*SECNO 92.000

3470 ENCROACHMENT STATIONS= 1510.0 2201.0 TYPE= 1 TARGET= 691.000

92.00	5.36	591.26	0.00	0.00	591.26	0.00	0.00	0.00	589.10
155.	68.	26.	61.	697.	79.	572.	3.	1.	588.50
0.18	0.10	0.33	0.11	0.070	0.035	0.070	0.000	585.90	1510.00
0.000010	92.	92.	92.	0	0	0	0.00	690.09	2200.09

*SECNO 190.000

3470 ENCROACHMENT STATIONS= 1570.0 2200.0 TYPE= 1 TARGET= 630.000

190.00	5.66	591.26	0.00	0.00	591.26	0.00	0.00	0.00	590.31
155.	85.	8.	62.	364.	15.	290.	5.	3.	590.31
0.30	0.23	0.54	0.21	0.070	0.035	0.070	0.000	585.60	1570.00
0.000106	98.	98.	98.	0	0	0	0.00	630.00	2200.00

CCHV= 0.300 CEHV= 0.500

*SECNO 192.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1570.0 2200.0 TYPE= 1 TARGET= 630.000

CULVERT AT HAYDEN RD-SEC 1

192.00	5.66	591.26	0.00	0.00	591.26	0.00	0.00	0.00	590.31
155.	85.	8.	62.	365.	7.	290.	5.	3.	590.31
0.30	0.23	1.03	0.21	0.070	0.011	0.070	0.000	585.60	1570.00
0.000106	2.	2.	2.	0	0	0	-7.38	630.00	2200.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 249.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1600.0 2200.0 TYPE= 1 TARGET= 600.000

249.00	5.67	591.27	0.00	0.00	591.27	0.00	0.01	0.00	590.31
155.	81.	8.	66.	333.	7.	292.	6.	4.	590.31
0.35	0.24	1.08	0.23	0.070	0.011	0.070	0.000	585.60	1600.00
0.000116	57.	57.	57.	0	0	0	-7.38	600.00	2200.00

CCHV= 0.300 CEHV= 0.500
*SECNO 251.000

3470 ENCROACHMENT STATIONS= 1600.0 2200.0 TYPE= 1 TARGET= 600.000

251.00	5.37	591.27	0.00	0.00	591.27	0.00	0.00	0.00	589.10
155.	61.	28.	66.	558.	79.	575.	6.	4.	588.50
0.36	0.11	0.36	0.12	0.070	0.035	0.070	0.000	585.90	1600.00
0.000011	2.	2.	2.	0	0	0	0.00	600.00	2200.00

*SECNO 992.000

3470 ENCROACHMENT STATIONS= 385.0 620.0 TYPE= 1 TARGET= 235.000
150 FT DOWNSTREAM OF VAN HORN RD-SEC 2

992.00	4.59	591.29	0.00	0.00	591.29	0.01	0.02	0.00	589.30
155.	36.	49.	70.	133.	53.	207.	20.	11.	589.20
0.76	0.27	0.93	0.34	0.070	0.035	0.070	0.000	586.70	385.00
0.000103	741.	741.	741.	2	0	0	0.00	235.00	620.00

CCHV= 0.300 CEHV= 1.000
*SECNO 1140.000

3470 ENCROACHMENT STATIONS= 435.0 595.0 TYPE= 1 TARGET= 160.000
FLOW CHANGE DUE TO STORM SEWER

1140.00	4.62	591.32	0.00	0.00	591.34	0.02	0.03	0.02	589.30
275.	65.	101.	110.	107.	54.	160.	21.	12.	589.20
0.80	0.60	1.88	0.68	0.070	0.035	0.070	0.000	586.70	435.00
0.000419	148.	148.	148.	2	0	0	0.00	160.00	595.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1142.000

3470 ENCROACHMENT STATIONS= 435.0 595.0 TYPE= 1 TARGET= 160.000
VAN HORN RD-SEC 3

1142.00	4.60	591.30	0.00	0.00	591.37	0.07	0.00	0.03	589.30
275.	45.	154.	76.	106.	53.	158.	21.	12.	589.20
0.80	0.42	2.90	0.48	0.070	0.016	0.070	0.000	586.70	435.00
0.000210	2.	2.	2.	2	0	0	0.00	160.00	595.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.20	2.60	0.00	3.00	0.00	9.00	0.00	586.70	586.70

*SECNO 1200.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.19	591.37	0.00	255.	21.	9.	11.	590.30	590.80

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1200.00	5.03	591.43	0.00	0.00	591.48	0.05	0.11	0.00	588.26
275.	104.	64.	107.	156.	18.	158.	21.	12.	588.26
0.81	0.67	3.49	0.68	0.070	0.016	0.070	0.000	586.40	730.00
0.000338	58.	58.	58.	2	0	10	0.00	140.00	870.00

*SECNO 1202.000

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1202.00	5.08	591.48	0.00	0.00	591.49	0.01	0.00	0.01	588.26
275.	120.	33.	122.	159.	18.	161.	21.	12.	588.26
0.81	0.75	1.78	0.76	0.070	0.035	0.070	0.000	586.40	730.00
0.000416	2.	2.	2.	2	0	0	0.00	140.00	870.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1478.000

1478.00	5.23	591.53	0.00	0.00	591.98	0.45	0.27	0.22	597.33
275.	0.	275.	0.	0.	51.	0.	23.	12.	597.33
0.83	0.00	5.37	0.00	0.070	0.035	0.070	0.000	586.30	2100.00
0.004436	276.	276.	276.	2	0	0	0.00	10.00	2110.00

CCHV= 0.300 CEHV= 0.500

*SECNO 1480.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48

RR TRACKS-SEC 4

1480.00	5.21	591.51	0.00	0.00	592.02	0.51	0.01	0.03	597.33
275.	0.	275.	0.	0.	48.	0.	23.	12.	597.33
0.83	0.00	5.75	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.001813	2.	2.	2.	2	0	0	-3.08	10.00	2110.00

*SECNO 1522.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48

1522.00	5.30	591.60	0.00	0.00	592.10	0.50	0.08	0.00	597.33
275.	0.	275.	0.	0.	48.	0.	23.	12.	597.33
0.83	0.00	5.68	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.001782	42.	42.	42.	2	0	0	-3.42	10.00	2110.00

CCHV= 0.100 CEHV= 0.300

*SECNO 1524.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1524.00	5.11	591.81	0.00	0.00	592.12	0.31	0.00	0.02	589.30
275.	0.	275.	0.	0.	61.	0.	23.	12.	100000.00
0.83	0.00	4.48	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.002823	2.	2.	2.	2	0	0	0.00	16.00	516.00

*SECNO 1628.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1628.00	5.42	592.12	0.00	0.00	592.39	0.27	0.26	0.00	589.30
275.	0.	275.	0.	0.	66.	0.	23.	12.	100000.00
0.84	0.00	4.15	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.002262	104.	104.	104.	2	0	0	0.00	16.00	516.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1630.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 598.13 MAX ELLC= 592.82

1630.00	5.21	592.11	0.00	0.00	592.41	0.30	0.00	0.02	598.13
275.	0.	275.	0.	0.	63.	0.	23.	12.	598.13
0.84	0.00	4.39	0.00	0.070	0.019	0.070	0.000	586.90	94.00
0.001337	2.	2.	2.	1	0	0	0.00	12.00	106.00

*SECNO 1697.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 598.13 MAX ELLC= 592.82

3470 ENCROACHMENT STATIONS= 94.0 106.0 TYPE= 1 TARGET= 12.000

1697.00	5.30	592.20	0.00	0.00	592.49	0.29	0.08	0.00	598.13
275.	0.	275.	0.	0.	64.	0.	23.	12.	100000.00
0.84	0.00	4.33	0.00	0.070	0.019	0.070	0.000	586.90	94.00
0.001021	67.	67.	67.	2	0	0	0.00	12.00	106.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1699.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1699.00	5.54	592.24	0.00	0.00	592.49	0.25	0.00	0.00	589.30
275.	0.	275.	0.	0.	68.	0.	23.	12.	100000.00
0.84	0.00	4.03	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.002083	2.	2.	2.	2	0	0	0.00	16.00	516.00

*SECNO 1930.000

3470 ENCROACHMENT STATIONS= 85.0 480.0 TYPE= 1 TARGET= 395.000
30 FT DOWNSTREAM OF FORK-SEC 6

1930.00	5.06	592.56	0.00	0.00	592.57	0.00	0.05	0.02	591.60
275.	49.	86.	140.	168.	110.	425.	25.	13.	589.90
0.98	0.29	0.78	0.33	0.070	0.035	0.070	0.000	587.50	159.82
0.000077	231.	231.	231.	2	0	0	0.00	320.18	480.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	TIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 2130.000									
2130.00	3.88	592.58	0.00	0.00	592.59	0.00	0.02	0.00	590.00
275.	141.	64.	70.	369.	71.	216.	28.	15.	590.50
1.09	0.38	0.91	0.32	0.070	0.035	0.070	0.000	588.70	0.89
0.000098	200.	200.	200.	2	0	0	0.00	291.42	292.31
*SECNO 3130.000									
3200 FT DOWNSTREAM OF WEST RD-SEC 8									
3130.00	2.69	592.79	0.00	0.00	592.81	0.02	0.22	0.01	591.40
275.	141.	88.	45.	191.	45.	82.	39.	21.	591.90
1.34	0.74	1.98	0.56	0.070	0.035	0.070	0.000	590.10	0.95
0.000868	1000.	1000.	1000.	2	0	0	0.00	275.21	276.17

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THIS RUN EXECUTED 2 MAR 84 14:29:04

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 100 YEAR FREQUENCY FLOOD
T3 CLEE EAST ENCROACHED RUN

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	591.260	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.300 CEHV= 0.500

*SECNO 0.000

3470 ENCROACHMENT STATIONS= 1735.0 2025.0 TYPE= 1 TARGET= 290.000

100 FT DOWNSTREAM OF HAYDEN RD

0.00	5.36	591.26	0.00	591.26	591.26	0.00	0.00	0.00	589.10
155.	62.	47.	46.	326.	79.	229.	0.	0.	588.50
0.00	0.19	0.60	0.20	0.070	0.035	0.070	0.000	585.90	1735.00
0.000032	0.	0.	0.	0	0	0	0.00	290.00	2025.00

*SECNO 92.000

3470 ENCROACHMENT STATIONS= 1735.0 2025.0 TYPE= 1 TARGET= 290.000

92.00	5.36	591.26	0.00	591.26	591.27	0.00	0.00	0.00	589.10
155.	62.	47.	46.	326.	79.	229.	1.	1.	588.50
0.08	0.19	0.60	0.20	0.070	0.035	0.070	0.000	585.90	1735.00
0.000032	92.	92.	92.	0	0	0	0.00	290.00	2025.00

*SECNO 190.000

3470 ENCROACHMENT STATIONS= 1775.0 2025.0 TYPE= 1 TARGET= 250.000

190.00	5.67	591.27	0.00	591.26	591.28	0.01	0.01	0.00	590.31
155.	74.	20.	62.	133.	15.	119.	2.	1.	590.31
0.12	0.55	1.32	0.52	0.070	0.035	0.070	0.000	585.60	1775.00
0.000631	98.	98.	98.	0	0	0	0.00	250.00	2025.00

CCHV= 0.300 CEHV= 0.500

*SECNO 192.000

3700. BRIDGE STENCL= 1670.00 STENCR= 1903.00

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1670.0 1903.0 TYPE= 1 TARGET= 233.000

CULVERT AT HAYDEN RD-SEC 1

192.00	5.67	591.27	0.00	591.26	591.28	0.01	0.00	0.00	590.31
155.	138.	17.	0.	255.	9.	0.	2.	1.	100000.00
0.12	0.54	2.03	0.00	0.070	0.011	0.070	0.000	585.60	1670.00
0.000566	2.	2.	2.	8	0	0	-6.18	233.00	1903.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 249.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1650.0 1903.0 TYPE= 1 TARGET= 253.000

249.00	5.70	591.30	0.00	591.27	591.31	0.01	0.03	0.00	590.31
155.	139.	16.	0.	284.	9.	0.	3.	2.	100000.00
0.15	0.49	1.82	0.00	0.070	0.011	0.070	0.000	585.60	1650.00
0.000452	57.	57.	57.	0	0	0	-6.18	253.00	1903.00

CCHV= 0.300 CEHV= 0.500
*SECNO 251.000

3470 ENCROACHMENT STATIONS= 1670.0 1919.0 TYPE= 1 TARGET= 249.000

251.00	5.41	591.31	0.00	591.27	591.31	0.00	0.00	0.00	589.10
155.	102.	53.	0.	448.	79.	0.	3.	2.	100000.00
0.15	0.23	0.67	0.00	0.070	0.035	0.070	0.000	585.90	1670.00
0.000047	2.	2.	2.	0	0	0	0.00	249.00	1919.00

*SECNO 992.000

3470 ENCROACHMENT STATIONS= 500.0 620.0 TYPE= 1 TARGET= 120.000
150 FT DOWNSTREAM OF VAN HORN RD-SEC 2

992.00	4.66	591.36	0.00	591.29	591.37	0.01	0.06	0.00	589.30
155.	0.	60.	95.	0.	54.	215.	10.	5.	589.20
0.44	0.00	1.11	0.44	0.070	0.035	0.070	0.000	586.70	500.00
0.000168	741.	741.	741.	2	0	0	0.00	120.00	620.00

CCHV= 0.300 CEHV= 1.000
*SECNO 1140.000

3470 ENCROACHMENT STATIONS= 500.0 595.0 TYPE= 1 TARGET= 95.000
FLOW CHANGE DUE TO STORM SEWER

1140.00	4.72	591.42	0.00	591.32	591.46	0.04	0.05	0.03	589.30
275.	0.	124.	151.	0.	55.	168.	10.	5.	589.20
0.47	0.00	2.26	0.90	0.070	0.035	0.070	0.000	586.70	500.00
0.000679	148.	148.	148.	2	0	0	0.00	95.00	595.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1142.000

3470 ENCROACHMENT STATIONS= 500.0 595.0 TYPE= 1 TARGET= 95.000
VAN HORN RD-SEC 3

1142.00	4.69	591.39	0.00	591.30	591.49	0.11	0.00	0.03	589.30
275.	0.	178.	97.	0.	55.	165.	10.	5.	589.20
0.47	0.00	3.25	0.59	0.070	0.016	0.070	0.000	586.70	500.00
0.000298	2.	2.	2.	2	0	0	0.00	95.00	595.00

SPECIAL BRIDGE

3070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COEO	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.20	2.60	0.00	3.00	0.00	9.00	0.00	586.70	586.70

*SECNO 1200.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.28	591.49	0.00	259.	17.	9.	11.	590.30	590.80

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1200.00	5.05	591.45	0.00	591.43	591.50	0.05	0.01	0.00	588.26
275.	104.	63.	107.	157.	18.	160.	11.	5.	588.26
0.48	0.66	3.46	0.67	0.070	0.016	0.070	0.000	586.40	730.00
0.000330	58.	58.	58.	2	0	10	0.00	140.00	870.00

*SECNO 1202.000
2800 NAT Q1= 134.85 WSEL= 591.48 ENC Q1= 134.85 WSEL= 591.58 RATIO= 0.0000
NAT Q1= 167. RATIOS LOB,CH,ROB= 0.4452 0.0999 0.4550 WSEL= 591.58

3470 ENCROACHMENT STATIONS= 739.9 861.1 TYPE= 4 TARGET= 0.195

1202.00	5.10	591.50	0.00	591.48	591.51	0.02	0.00	0.01	588.26
275.	118.	35.	122.	144.	19.	148.	11.	5.	588.26
0.48	0.82	1.88	0.82	0.070	0.035	0.070	0.000	586.40	739.87
0.000462	2.	2.	2.	2	0	0	0.00	121.26	861.13

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   SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     BANK ELEV
   Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN        SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID       ENDST

*SECNO 1478.000
 2800 NAT Q1=      41.29  WSEL=     591.53  ENC Q1=      42.35  WSEL=     591.63  RATIO= -0.0258
 NAT Q1=     42.  RATIOS LOB,CH,ROB=  0.0000  1.0000  0.0000  WSEL=     591.63

3470 ENCROACHMENT STATIONS=     2100.0     2110.0  TYPE=      4  TARGET=        0.000
  1478.00      5.27   591.57      0.00   591.53   592.01      0.44      0.29      0.21   597.33
      275.        0.      275.        0.       0.       52.       0.       12.        6.   597.33
      0.50     0.00     5.32     0.00    0.070    0.035    0.070    0.000   586.30  2100.00
 0.004336      276.      276.      276.        2        0        0     0.00    10.00  2110.00

CCHV=   0.300 CEHV=   0.500
*SECNO 1480.000
     3700.  BRIDGE STENCL=    2100.00    STENCR=    2110.00
 2800 NAT Q1=      64.58  WSEL=     591.51  ENC Q1=      65.20  WSEL=     591.61  RATIO= -0.0095
 NAT Q1=     65.  RATIOS LOB,CH,ROB=  0.0000  1.0000  0.0000  WSEL=     591.61

3370 NORMAL BRIDGE,NRD=  5 MIN ELTRD=  597.33 MAX ELLC=  593.48

3470 ENCROACHMENT STATIONS=     2100.0     2110.0  TYPE=      4  TARGET=        0.000
          RR TRACKS-SEC 4
  1480.00      5.25   591.55      0.00   591.51   592.05      0.51      0.01      0.03   597.33
      275.        0.      275.        0.       0.       48.       0.       12.        6.   597.33
      0.50     0.00     5.72     0.00    0.070    0.019    0.070    0.000   586.30  2100.00
 0.001799        2.        2.        2.        2        0        0    -3.23    10.00  2110.00

*SECNO 1522.000
 2800 NAT Q1=      65.15  WSEL=     591.60  ENC Q1=      65.70  WSEL=     591.70  RATIO= -0.0085
 NAT Q1=     66.  RATIOS LOB,CH,ROB=  0.0000  1.0000  0.0000  WSEL=     591.70

3370 NORMAL BRIDGE,NRD=  5 MIN ELTRD=  597.33 MAX ELLC=  593.48

3470 ENCROACHMENT STATIONS=     2100.0     2110.0  TYPE=      4  TARGET=        0.000
  1522.00      5.33   591.63      0.00   591.60   592.13      0.50      0.07      0.00   597.33
      275.        0.      275.        0.       0.       49.       0.       12.        6.   597.33
      0.50     0.00     5.66     0.00    0.070    0.019    0.070    0.000   586.30  2100.00
 0.001772       42.       42.       42.        1        0        0    -3.55    10.00  2110.00
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   SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS    BANK ELEV
   Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA   LEFT/RIGHT
   TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN      SSTA
   SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID     ENDST

CCHV=   0.100 CEHV=   0.300
*SECNO 1524.000
 2800 NAT Q1=      51.76  WSEL=     591.81  ENC Q1=      64.47  WSEL=     591.91  RATIO= -0.2455
 NAT Q1=    641.  RATIOS LOB,CH,ROB=  0.1095  0.1006  0.7899  WSEL=     591.91

3470 ENCROACHMENT STATIONS=      500.0      516.0  TYPE=      4  TARGET=       0.899
  1524.00       5.15     591.85       0.00     591.81     592.15       0.31       0.00       0.02     589.30
      275.         0.        275.         0.         0.        62.         0.        12.         6.     589.20
     0.50       0.00       4.43       0.00      0.070      0.035      0.070      0.000     586.70     500.00
0.002738          2.         2.         2.          2          0          0       0.00      16.00     516.00

*SECNO 1628.000
 2800 NAT Q1=      57.82  WSEL=     592.12  ENC Q1=      73.19  WSEL=     592.22  RATIO= -0.2659
 NAT Q1=    778.  RATIOS LOB,CH,ROB=  0.1210  0.0941  0.7849  WSEL=     592.22

3470 ENCROACHMENT STATIONS=      500.0      516.0  TYPE=      4  TARGET=       0.906
  1628.00       5.45     592.15       0.00     592.12     592.41       0.26       0.26       0.00     589.30
      275.         0.        275.         0.         0.        67.         0.        12.         6.     589.20
     0.51       0.00       4.12       0.00      0.070      0.035      0.070      0.000     586.70     500.00
0.002213        104.       104.       104.          2          0          0       0.00      16.00     516.00

CCHV=   0.300 CEHV=   0.500
*SECNO 1630.000
     3700.  BRIDGE STENCL=     500.00  STENCR=     516.00
 2800 NAT Q1=      75.22  WSEL=     592.11  ENC Q1=      99.32  WSEL=     592.21  RATIO= -0.3205
 NAT Q1=     99.  RATIOS LOB,CH,ROB=  0.0000  1.0000  0.0000  WSEL=     592.21

3370 NORMAL BRIDGE,NRD=  5 MIN ELTRD=  598.13 MAX ELLC=  592.82

3470 ENCROACHMENT STATIONS=       94.0      106.0  TYPE=      4  TARGET=       0.000
  1630.00       5.24     592.14       0.00     592.11     592.43       0.30       0.00       0.02     598.13
      275.         0.        275.         0.         0.        63.         0.        12.         6.     598.13
     0.51       0.00       4.37       0.00      0.070      0.019      0.070      0.000     586.90      94.00
0.000791          2.         2.         2.          1          0          0       0.00      12.00     106.00

*SECNO 1697.000
 2800 NAT Q1=      86.07  WSEL=     592.20  ENC Q1=     101.60  WSEL=     592.30  RATIO= -0.1804
 NAT Q1=    102.  RATIOS LOB,CH,ROB=  0.0000  1.0000  0.0000  WSEL=     592.30
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    SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS    BANK ELEV
    Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA    LEFT/RIGHT
    TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN       SSTA
    SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID      ENDST

3370 NORMAL BRIDGE,NRD=  5 MIN ELTRD=  598.13 MAX ELLC=  592.82

3470 ENCROACHMENT STATIONS=      94.0      106.0  TYPE=      4  TARGET=        0.000
  1697.00       5.30     592.20       0.00     592.20     592.49       0.29       0.05       0.00     598.13
      275.         0.       275.         0.         0.        63.         0.        12.         6.     598.13
     0.51       0.00       4.33       0.00      0.070      0.019      0.070      0.000     586.90      94.00
 0.000774        67.        67.        67.          0          0          0       0.00      12.00     106.00

CCHV=   0.100 CEHV=   0.300
*SECNO 1699.000
 2800 NAT Q1=      60.25  WSEL=     592.24  ENC Q1=      76.74  WSEL=     592.34  RATIO= -0.2736
 NAT Q1=     835.  RATIOS LOB,CH,ROB=  0.1256  0.0919  0.7825  WSEL=     592.34

3470 ENCROACHMENT STATIONS=      500.0      516.0  TYPE=      4  TARGET=        0.908
  1699.00       5.54     592.24       0.00     592.24     592.49       0.25       0.00       0.00     589.30
      275.         0.       275.         0.         0.        68.         0.        12.         6.     589.20
     0.51       0.00       4.03       0.00      0.070      0.035      0.070      0.000     586.70     500.00
 0.002083         2.         2.         2.          2          0          0       0.00      16.00     516.00

*SECNO 1930.000

3470 ENCROACHMENT STATIONS=      265.0      400.0  TYPE=      1  TARGET=      135.000
            30 FT DOWNSTREAM OF FORK-SEC 6
  1930.00       5.11     592.61       0.00     592.56     592.62       0.01       0.10       0.02     591.60
      275.         0.       134.       141.         0.       111.       262.        13.         6.     589.90
     0.59       0.00       1.20       0.54      0.070      0.035      0.070      0.000     587.50     265.00
 0.000185       231.       231.       231.          2          0          0       0.00     135.00     400.00

*SECNO 2130.000

3470 ENCROACHMENT STATIONS=       50.0      225.0  TYPE=      1  TARGET=      175.000
  2130.00       3.94     592.64       0.00     592.58     592.65       0.01       0.04       0.00     590.00
      275.       137.        87.        51.       263.        72.       114.        15.         7.     590.50
     0.66       0.52       1.21       0.45      0.070      0.035      0.070      0.000     588.70      50.00
 0.000169       200.       200.       200.          2          0          0       0.00     175.00     225.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 3130.000									
3200 FT DOWNSTREAM OF WEST RD-SEC 8									
3130.00	2.83	592.93	0.00	592.79	592.95	0.02	0.29	0.00	591.40
275.	142.	33.	50.	212.	48.	97.	25.	12.	591.90
0.95	0.67	1.75	0.52	0.070	0.035	0.079	0.000	590.10	0.95
0.000616	1000.	1000.	1000.	2	0	0	0.00	277.15	278.10

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THIS RUN EXECUTED 2 MAR 84 14:29:13

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

CLEE EAST NATURAL PROFIL

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	591.26	0.00	591.26	730.09	70.92	25.20	58.88	731.00	1470.00	1900.00	1919.00	2201.00
0.000	591.26	0.00	591.26	290.00	61.64	47.40	45.96	290.00	1735.00	1900.00	1919.00	2025.00
92.000	591.26	0.00	591.26	690.09	68.15	26.03	60.82	691.00	1510.00	1900.00	1919.00	2201.00
92.000	591.26	0.00	591.27	290.00	61.67	47.36	45.97	290.00	1735.00	1900.00	1919.00	2025.00
190.000	591.26	0.00	591.26	630.00	84.84	7.98	62.19	630.00	1570.00	1900.00	1903.00	2200.00
190.000	591.27	0.01	591.28	250.00	73.51	19.53	61.96	250.00	1775.00	1900.00	1903.00	2025.00
192.000	591.26	0.00	591.26	630.00	85.05	7.60	62.35	630.00	1570.00	1900.00	1903.00	2200.00
192.000	591.27	0.01	591.28	233.00	137.56	17.44	0.00	233.00	1670.00	1900.00	1903.00	1903.00
249.000	591.27	0.00	591.27	600.00	81.19	7.98	65.84	600.00	1600.00	1900.00	1903.00	2200.00
249.000	591.30	0.03	591.31	253.00	139.21	15.79	0.00	253.00	1650.00	1900.00	1903.00	1903.00
251.000	591.27	0.00	591.27	600.00	60.55	28.24	66.22	600.00	1600.00	1900.00	1919.00	2200.00
251.000	591.31	0.04	591.31	249.00	101.77	53.23	0.00	249.00	1670.00	1900.00	1919.00	1919.00
992.000	591.29	0.00	591.29	235.00	35.99	49.18	69.83	235.00	385.00	500.00	516.00	620.00
992.000	591.36	0.08	591.37	120.00	0.00	60.27	94.73	120.00	500.00	500.00	516.00	620.00
1140.000	591.32	0.00	591.34	160.00	64.74	100.74	109.52	160.00	435.00	500.00	516.00	595.00
1140.000	591.42	0.10	591.46	95.00	0.00	124.32	150.68	95.00	500.00	500.00	516.00	595.00
1142.000	591.30	0.00	591.37	160.00	44.75	154.21	76.04	160.00	435.00	500.00	516.00	595.00
1142.000	591.39	0.09	591.49	95.00	0.00	177.62	97.38	95.00	500.00	500.00	516.00	595.00
1200.000	591.43	0.00	591.48	140.00	104.30	63.82	106.88	140.00	730.00	798.00	802.00	870.00
1200.000	591.45	0.02	591.50	140.00	104.49	63.47	107.04	140.00	730.00	798.00	802.00	870.00
1202.000	591.48	0.00	591.49	140.00	119.60	32.91	122.49	140.00	730.00	798.00	802.00	870.00
1202.000	591.50	0.02	591.51	121.26	118.35	34.88	121.77	0.19	739.87	798.00	802.00	861.13

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1478.000	591.53	0.00	591.98	10.00	0.00	275.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1478.000	591.57	0.04	592.01	10.00	0.00	275.00	0.00	0.00	2100.00	2100.00	2110.00	2110.00
1480.000	591.51	0.00	592.02	10.00	0.00	275.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1480.000	591.55	0.04	592.05	10.00	0.00	275.00	0.00	0.00	2100.00	2100.00	2110.00	2110.00
1522.000	591.60	0.00	592.10	10.00	0.00	275.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1522.000	591.63	0.04	592.13	10.00	0.00	275.00	0.00	0.00	2100.00	2100.00	2110.00	2110.00
1524.000	591.81	0.00	592.12	16.00	0.00	275.00	0.00	16.00	500.00	500.00	516.00	516.00
1524.000	591.85	0.04	592.15	16.00	0.00	275.00	0.00	0.90	500.00	500.00	516.00	516.00
1628.000	592.12	0.00	592.39	16.00	0.00	275.00	0.00	16.00	500.00	500.00	516.00	516.00
1628.000	592.15	0.03	592.41	16.00	0.00	275.00	0.00	0.91	500.00	500.00	516.00	516.00
1630.000	592.11	0.00	592.41	12.00	0.00	275.00	0.00	0.00	0.00	94.00	106.00	0.00
1630.000	592.14	0.03	592.43	12.00	0.00	275.00	0.00	0.00	94.00	94.00	106.00	106.00
1697.000	592.20	0.00	592.49	12.00	0.00	275.00	0.00	12.00	94.00	94.00	106.00	106.00
1697.000	592.20	0.00	592.49	12.00	0.00	275.00	0.00	0.00	94.00	94.00	106.00	106.00
1699.000	592.24	0.00	592.49	16.00	0.00	275.00	0.00	16.00	500.00	500.00	516.00	516.00
1699.000	592.24	0.00	592.49	16.00	0.00	275.00	0.00	0.91	500.00	500.00	516.00	516.00
1930.000	592.56	0.00	592.57	320.18	49.01	85.78	140.20	395.00	85.00	265.00	300.00	480.00
1930.000	592.61	0.04	592.62	135.00	0.00	133.51	141.49	135.00	265.00	265.00	300.00	400.00
2130.000	592.58	0.00	592.59	291.42	140.82	64.25	69.93	0.00	0.00	150.00	172.00	0.00
2130.000	592.64	0.06	592.65	175.00	136.82	87.35	50.84	175.00	50.00	150.00	172.00	225.00
3130.000	592.79	0.00	592.81	275.21	141.34	88.41	45.25	0.00	0.00	150.00	172.00	0.00
3130.000	592.93	0.14	592.95	277.15	141.76	83.45	49.79	0.00	0.00	150.00	172.00	0.00

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CLEE EAST NATURAL PROFIL

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	585.90	155.00	591.26	0.00	591.26	0.09	0.32	1406.50	512.39
0.000	0.00	0.00	0.00	585.90	155.00	591.26	0.00	591.26	0.32	0.60	633.31	272.44
92.000	92.00	0.00	0.00	585.90	155.00	591.26	0.00	591.26	0.10	0.33	1347.56	496.37
92.000	92.00	0.00	0.00	585.90	155.00	591.26	0.00	591.27	0.32	0.60	634.18	273.00
190.000	98.00	0.00	0.00	585.60	155.00	591.26	0.00	591.26	1.06	0.54	669.35	150.81
190.000	98.00	0.00	0.00	585.60	155.00	591.27	0.00	591.28	6.31	1.32	266.62	61.70
192.000	2.00	590.31	588.60	585.60	155.00	591.26	0.00	591.26	1.06	1.03	662.70	150.70
192.000	2.00	590.31	588.60	585.60	155.00	591.27	0.00	591.28	5.66	2.03	263.60	65.17
249.000	57.00	590.31	588.60	585.60	155.00	591.27	0.00	591.27	1.16	1.08	632.21	144.15
249.000	57.00	590.31	588.60	585.60	155.00	591.30	0.00	591.31	4.52	1.82	292.71	72.92
251.000	2.00	0.00	0.00	585.90	155.00	591.27	0.00	591.27	0.11	0.36	1211.45	459.03
251.000	2.00	0.00	0.00	585.90	155.00	591.31	0.00	591.31	0.47	0.67	527.85	225.96
992.000	741.00	0.00	0.00	586.70	155.00	591.29	0.00	591.29	1.03	0.93	393.28	152.57
992.000	741.00	0.00	0.00	586.70	155.00	591.36	0.00	591.37	1.68	1.11	269.34	119.74
1140.000	148.00	0.00	0.00	586.70	275.00	591.32	0.00	591.34	4.19	1.88	320.77	134.37
1140.000	148.00	0.00	0.00	586.70	275.00	591.42	0.00	591.46	6.79	2.26	222.86	105.54
1142.000	2.00	0.00	0.00	586.70	275.00	591.30	0.00	591.37	2.10	2.90	316.84	189.66
1142.000	2.00	0.00	0.00	586.70	275.00	591.39	0.00	591.49	2.98	3.25	219.84	159.27
1200.000	58.00	590.80	590.30	586.40	275.00	591.43	0.00	591.48	3.38	3.49	332.32	149.54
1200.000	58.00	590.80	590.30	586.40	275.00	591.45	0.00	591.50	3.30	3.46	335.20	151.49
1202.000	2.00	0.00	0.00	586.40	275.00	591.48	0.00	591.49	4.16	1.78	338.91	134.85
1202.000	2.00	0.00	0.00	586.40	275.00	591.50	0.00	591.51	4.62	1.88	310.68	127.98
1478.000	276.00	0.00	0.00	586.30	275.00	591.53	0.00	591.98	44.36	5.37	51.21	41.29
1478.000	276.00	0.00	0.00	586.30	275.00	591.57	0.00	592.01	43.36	5.32	51.65	41.76
1480.000	2.00	597.33	593.48	586.30	275.00	591.51	0.00	592.02	18.13	5.75	47.86	64.58
1480.000	2.00	597.33	593.48	586.30	275.00	591.55	0.00	592.05	17.99	5.72	48.11	64.84
1522.000	42.00	597.33	593.48	586.30	275.00	591.60	0.00	592.10	17.82	5.68	48.42	65.15
1522.000	42.00	597.33	593.48	586.30	275.00	591.63	0.00	592.13	17.72	5.66	48.60	65.32
1524.000	2.00	0.00	0.00	586.70	275.00	591.81	0.00	592.12	28.23	4.48	61.36	51.76
1524.000	2.00	0.00	0.00	586.70	275.00	591.85	0.00	592.15	27.38	4.43	62.03	52.56
1628.000	104.00	0.00	0.00	586.70	275.00	592.12	0.00	592.39	22.62	4.15	66.31	57.82
1628.000	104.00	0.00	0.00	586.70	275.00	592.15	0.00	592.41	22.13	4.12	66.83	58.46

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1630.000	2.00	598.13	592.82	586.90	275.00	592.11	0.00	592.41	13.37	4.39	62.59	75.22
1630.000	2.00	598.13	592.82	586.90	275.00	592.14	0.00	592.43	7.91	4.37	62.95	97.78
1697.000	67.00	598.13	592.82	586.90	275.00	592.20	0.00	592.49	10.21	4.33	63.55	86.07
1697.000	67.00	598.13	592.82	586.90	275.00	592.20	0.00	592.49	7.74	4.33	63.45	98.84
1699.000	2.00	0.00	0.00	586.70	275.00	592.24	0.00	592.49	20.83	4.03	68.26	60.25
1699.000	2.00	0.00	0.00	586.70	275.00	592.24	0.00	592.49	20.83	4.03	68.27	60.25
1930.000	231.00	0.00	0.00	587.50	275.00	592.56	0.00	592.57	0.77	0.78	702.29	314.03
1930.000	231.00	0.00	0.00	587.50	275.00	592.61	0.00	592.62	1.85	1.20	372.90	202.42
2130.000	200.00	0.00	0.00	588.70	275.00	592.58	0.00	592.59	0.98	0.91	655.21	278.16
2130.000	200.00	0.00	0.00	588.70	275.00	592.66	0.00	592.65	1.69	1.21	449.19	211.33
3130.000	1000.00	0.00	0.00	590.10	275.00	592.79	0.00	592.81	8.68	1.98	316.77	93.34
3130.000	1000.00	0.00	0.00	590.10	275.00	592.93	0.00	592.95	6.16	1.75	356.24	110.78

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CLEE EAST NATURAL PROFIL

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	155.00	591.26	0.00	0.00	0.00	730.09	0.00
0.000	155.00	591.26	0.00	0.00	0.00	290.00	0.00
92.000	155.00	591.26	0.00	0.00	0.00	690.09	92.00
92.000	155.00	591.26	0.00	0.00	0.00	290.00	92.00
190.000	155.00	591.26	0.00	0.00	0.00	630.00	98.00
190.000	155.00	591.27	0.01	0.01	0.01	250.00	98.00
192.000	155.00	591.26	0.00	0.00	0.00	630.00	2.00
192.000	155.00	591.27	0.01	0.00	0.01	233.00	2.00
249.000	155.00	591.27	0.00	0.01	0.00	600.00	57.00
249.000	155.00	591.30	0.03	0.03	0.03	253.00	57.00
251.000	155.00	591.27	0.00	0.00	0.00	600.00	2.00
251.000	155.00	591.31	0.04	0.01	0.04	249.00	2.00
992.000	155.00	591.29	0.00	0.02	0.00	235.00	741.00
992.000	155.00	591.36	0.08	0.06	0.08	120.00	741.00
1140.000	275.00	591.32	0.00	0.03	0.00	160.00	148.00
1140.000	275.00	591.42	0.10	0.05	0.10	95.00	148.00
1142.000	275.00	591.30	0.00	-0.02	0.00	160.00	2.00
1142.000	275.00	591.39	0.09	-0.03	0.09	95.00	2.00
1200.000	275.00	591.43	0.00	0.14	0.00	140.00	58.00
1200.000	275.00	591.45	0.02	0.07	0.02	140.00	58.00
1202.000	275.00	591.48	0.00	0.05	0.00	140.00	2.00
1202.000	275.00	591.50	0.02	0.04	0.02	121.26	2.00
1478.000	275.00	591.53	0.00	0.05	0.00	10.00	276.00
1478.000	275.00	591.57	0.04	0.08	0.04	10.00	276.00
1480.000	275.00	591.51	0.00	-0.03	0.00	10.00	2.00
1480.000	275.00	591.55	0.04	-0.03	0.04	10.00	2.00
1522.000	275.00	591.60	0.00	0.09	0.00	10.00	42.00
1522.000	275.00	591.63	0.04	0.09	0.04	10.00	42.00
1524.000	275.00	591.81	0.00	0.21	0.00	16.00	2.00
1524.000	275.00	591.85	0.04	0.22	0.04	16.00	2.00
1628.000	275.00	592.12	0.00	0.31	0.00	16.00	104.00
1628.000	275.00	592.15	0.03	0.30	0.03	16.00	104.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1630.000	275.00	592.11	0.00	-0.01	0.00	12.00	2.00
1630.000	275.00	592.14	0.03	-0.01	0.03	12.00	2.00
1697.000	275.00	592.20	0.00	0.09	0.00	12.00	67.00
1697.000	275.00	592.20	0.00	0.06	0.00	12.00	67.00
1699.000	275.00	592.24	0.00	0.05	0.00	16.00	2.00
1699.000	275.00	592.24	0.00	0.05	0.00	16.00	2.00
1930.000	275.00	592.56	0.00	0.32	0.00	320.18	231.00
1930.000	275.00	592.61	0.04	0.36	0.04	135.00	231.00
2130.000	275.00	592.58	0.00	0.02	0.00	291.42	200.00
2130.000	275.00	592.64	0.06	0.04	0.06	175.00	200.00
3130.000	275.00	592.79	0.00	0.21	0.00	275.21	1000.00
3130.000	275.00	592.93	0.14	0.29	0.14	277.15	1000.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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X1	249.000	0.000	0.000	0.000	57.000	57.000	57.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1600.000	0.000	2200.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	251.000	21.000	1900.000	1919.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1600.000	0.000	2200.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	590.000	1.000	590.000	1300.000	589.400	1800.000	589.100	1825.000
GR	589.100	1850.000	589.300	1875.000	589.100	1900.000	586.500	1906.000	586.300	1907.000
GR	585.900	1909.000	586.000	1911.000	586.300	1912.000	588.500	1919.000	589.100	1934.000
GR	589.000	1944.000	589.100	1969.000	589.200	1994.000	589.300	2019.000	589.300	2200.000
GR	610.000	2201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	150 FT DOWNSTREAM OF VAN HORN RD-SEC 2									
X1	992.000	11.000	500.000	516.000	741.000	741.000	741.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	385.000	0.000	620.000	0.000	0.000	0.000	0.000
GR	595.000	0.000	591.000	400.000	590.400	425.000	589.700	450.000	589.700	475.000
GR	589.300	500.000	586.700	508.000	589.200	516.000	589.300	525.000	589.300	1000.000
GR	610.000	1001.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	4.000	155.000	235.000	275.000	385.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	1.000	0.000	0.000	0.000	0.000	0.000
	FLOW CHANGE DUE TO STORM SEWER									
X1	1140.000	0.000	0.000	0.000	148.000	148.000	148.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	435.000	0.000	595.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.016	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	VAN HORN RD-SEC 3									
X1	1142.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	435.000	0.000	595.000	0.000	0.000	0.000	0.000
SB	0.000	2.200	2.600	0.000	3.000	0.000	9.000	0.000	0.000	0.000
X1	1200.000	11.000	798.000	802.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	590.300	590.800	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	730.000	0.000	870.000	0.000	0.000	0.000	0.000
BT	-10.000	1.000	595.000	595.000	700.000	590.800	590.800	798.000	591.300	588.260
BT	0.000	798.000	591.300	590.300	800.000	591.300	590.300	800.000	591.300	586.400
BT	0.000	800.740	591.300	586.400	802.000	591.300	588.260	900.000	590.700	590.700
BT	0.000	1600.000	598.000	593.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	595.000	1.000	590.800	700.000	588.260	798.000	586.400	798.740
GR	586.400	800.000	586.400	800.740	588.260	802.000	590.700	900.000	598.000	1600.000
GR	610.000	1600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1202.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	730.000	0.000	870.000	0.000	0.000	0.000	0.000
X1	1478.000	13.000	2100.000	2110.000	276.000	276.000	276.000	0.000	0.000	0.000
GR	610.000	0.000	597.320	1.000	597.320	2000.000	597.330	2100.000	588.480	2100.000
GR	586.300	2100.500	586.300	2105.000	586.310	2109.500	588.480	2110.000	597.330	2110.000
GR	597.440	2200.000	597.440	2900.000	610.000	2901.000	0.000	0.000	0.000	0.000

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NC	0.000	0.000	0.019	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	RR TRACKS-SEC 4									
X1	1480.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	-5.000	2100.000	597.330	588.480	2100.500	597.330	590.660	2105.000	597.330	593.480
BT	0.000	2109.500	597.330	590.660	2110.000	597.330	588.480	0.000	0.000	0.000
X1	1522.000	0.000	0.000	0.000	42.000	42.000	42.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	1524.000	11.000	500.000	516.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	500.000	0.000	516.000	0.000	0.000	0.000	0.000
GR	595.000	0.000	591.000	400.000	590.400	425.000	589.700	450.000	589.700	475.000
GR	589.300	500.000	586.700	508.000	589.200	516.000	589.300	525.000	589.300	1000.000
GR	600.000	1001.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1628.000	0.000	0.000	0.000	104.000	104.000	104.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	500.000	0.000	516.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.019	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	1630.000	7.000	94.000	106.000	2.000	2.000	2.000	0.000	0.000	0.000
BT	-5.000	94.000	598.130	586.900	94.000	598.130	592.780	100.000	598.130	592.760
BT	0.000	106.000	598.130	592.820	106.000	598.130	586.900	0.000	0.000	0.000
GR	598.060	0.000	598.130	94.000	586.900	94.000	586.900	100.000	586.900	106.000
GR	598.130	106.000	598.170	200.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	1697.000	0.000	0.000	0.000	67.000	67.000	67.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	94.000	0.000	106.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	1699.000	11.000	500.000	516.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	500.000	0.000	516.000	0.000	0.000	0.000	0.000
GR	595.000	0.000	591.000	400.000	590.400	425.000	589.700	450.000	589.700	475.000
GR	589.300	500.000	586.700	508.000	589.200	516.000	589.300	525.000	589.300	1000.000
GR	610.000	1001.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	30 FT DOWNSTREAM OF FORK-SEC 6									
X1	1930.000	22.000	265.000	300.000	231.000	231.000	231.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	85.000	0.000	480.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	592.800	150.000	592.200	175.000	591.000	200.000	590.200	225.000
GR	589.800	250.000	591.600	265.000	589.900	280.000	589.300	282.000	587.900	284.000
GR	587.500	239.000	588.100	294.000	589.300	297.000	589.900	300.000	590.600	310.000
GR	589.900	325.000	589.800	350.000	589.900	375.000	590.100	400.000	590.500	425.000
GR	595.000	2500.000	610.000	2600.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2130.000	20.000	150.000	172.000	200.000	200.000	200.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	590.000	590.600	0.000
GR	610.000	0.000	590.500	1.000	590.200	25.000	590.300	50.000	590.000	75.000
GR	589.900	100.000	590.000	125.000	590.000	150.000	589.300	153.000	588.700	155.000
GR	588.800	158.500	588.900	162.000	589.300	164.000	590.500	172.000	590.600	197.000
GR	590.300	225.000	590.600	250.000	591.300	275.000	595.000	325.000	610.000	326.000

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X1	3130.000	0.000	0.000	0.000	1000.000	1000.000	1000.000	0.000	1.400	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.300 CEHV= 0.500

*SECNO 0.000

3470 ENCROACHMENT STATIONS= 1470.0 2201.0 TYPE= 1 TARGET= 731.000

100 FT DOWNSTREAM OF HAYDEN RD

0.00	4.62	590.52	0.00	590.52	590.52	0.00	0.00	0.00	589.10
35.	13.	8.	13.	438.	65.	364.	0.	0.	588.50
0.00	0.03	0.13	0.04	0.070	0.035	0.070	0.000	585.90	1470.00
0.000002	0.	0.	0.	0	0	0	0.00	730.06	2200.06

*SECNO 92.000

3470 ENCROACHMENT STATIONS= 1510.0 2201.0 TYPE= 1 TARGET= 691.000

92.00	4.62	590.52	0.00	0.00	590.52	0.00	0.00	0.00	589.10
35.	13.	9.	13.	408.	65.	364.	2.	1.	588.50
0.43	0.03	0.13	0.04	0.070	0.035	0.070	0.000	585.90	1510.00
0.000002	92.	92.	92.	0	0	0	0.00	690.06	2200.06

*SECNO 190.000

3470 ENCROACHMENT STATIONS= 1570.0 2200.0 TYPE= 1 TARGET= 630.000

190.00	4.92	590.52	0.00	0.00	590.52	0.00	0.00	0.00	590.31
35.	19.	8.	8.	120.	13.	70.	3.	3.	590.31
0.53	0.15	0.67	0.12	0.070	0.035	0.070	0.000	585.60	1570.00
0.000202	98.	98.	98.	0	0	0	0.00	630.00	2200.00

CCHV= 0.300 CEHV= 0.500

*SECNO 192.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1570.0 2200.0 TYPE= 1 TARGET= 630.000

CULVERT AT HAYDEN RD-SEC 1

192.00	4.92	590.52	0.00	0.00	590.52	0.00	0.00	0.00	590.31
35.	20.	6.	9.	120.	5.	70.	3.	3.	590.31
0.54	0.17	1.22	0.12	0.070	0.011	0.070	0.000	585.60	1570.00
0.000237	2.	2.	2.	0	0	0	-7.38	630.00	2200.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 249.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1600.0 2200.0 TYPE= 1 TARGET= 600.000

249.00	4.93	590.53	0.00	0.00	590.54	0.00	0.01	0.00	590.31
35.	19.	6.	10.	112.	5.	73.	3.	4.	590.31
0.58	0.17	1.23	0.13	0.070	0.011	0.070	0.000	585.60	1600.00
0.000241	57.	57.	57.	0	0	0	-7.38	600.00	2200.00

CCHV= 0.300 CEHV= 0.500
*SECNO 251.000

3470 ENCROACHMENT STATIONS= 1600.0 2200.0 TYPE= 1 TARGET= 600.000

251.00	4.64	590.54	0.00	0.00	590.54	0.00	0.00	0.00	589.10
35.	12.	9.	14.	337.	65.	368.	3.	4.	588.50
0.59	0.03	0.14	0.04	0.070	0.035	0.070	0.000	585.90	1600.00
0.000002	2.	2.	2.	0	0	0	0.00	600.00	2200.00

*SECNO 992.000

3470 ENCROACHMENT STATIONS= 385.0 620.0 TYPE= 1 TARGET= 235.000
150 FT DOWNSTREAM OF VAN HORN RD-SEC 2

992.00	3.84	590.54	0.00	0.00	590.54	0.00	0.00	0.00	589.30
35.	5.	15.	15.	60.	41.	130.	12.	11.	589.20
1.54	0.09	0.36	0.11	0.070	0.035	0.070	0.000	586.70	419.08
0.000022	741.	741.	741.	2	0	0	0.00	200.91	620.00

CCHV= 0.300 CEHV= 1.000
*SECNO 1140.000

3470 ENCROACHMENT STATIONS= 435.0 595.0 TYPE= 1 TARGET= 160.000
FLOW CHANGE DUE TO STORM SEWER

1140.00	3.87	590.57	0.00	0.00	590.59	0.02	0.03	0.02	589.30
155.	26.	73.	56.	58.	41.	101.	12.	11.	589.20
1.58	0.45	1.75	0.56	0.070	0.035	0.070	0.000	586.70	435.00
0.000509	148.	148.	148.	2	0	0	0.00	160.00	595.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1142.000

3470 ENCROACHMENT STATIONS= 435.0 595.0 TYPE= 1 TARGET= 160.000
VAN HORN RD-SEC 3

1142.00	3.85	590.55	0.00	0.00	590.61	0.06	0.00	0.02	589.30
155.	17.	102.	36.	58.	41.	100.	12.	11.	589.20
1.58	0.29	2.48	0.36	0.070	0.016	0.070	0.000	586.70	435.00
0.000214	2.	2.	2.	1	0	0	0.00	160.00	595.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.20	2.60	0.00	3.00	0.00	9.00	0.00	586.70	586.70

*SECNO 1200.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
600.68	590.61	0.00	114.	42.	9.	11.	590.30	590.80

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1200.00	4.86	591.26	0.00	0.00	591.28	0.02	0.67	0.00	588.26
155.	58.	38.	59.	145.	18.	147.	13.	11.	588.26
1.60	0.40	2.14	0.40	0.070	0.016	0.070	0.000	586.40	730.00
0.000133	58.	58.	58.	1	0	9	0.00	140.00	870.00

*SECNO 1202.000

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1202.00	4.88	591.28	0.00	0.00	591.28	0.01	0.00	0.00	588.26
155.	67.	20.	68.	145.	18.	147.	13.	11.	588.26
1.60	0.46	1.13	0.47	0.070	0.035	0.070	0.000	586.40	730.00
0.000176	2.	2.	2.	1	0	0	0.00	140.00	870.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1478.000

1478.00	5.01	591.31	0.00	0.00	591.47	0.15	0.11	0.07	597.33
155.	0.	155.	0.	0.	49.	0.	14.	12.	597.33
1.63	0.00	3.16	0.00	0.070	0.035	0.070	0.000	586.30	2100.00
0.001575	276.	276.	276.	0	0	0	0.00	10.00	2110.00

CCHV= 0.300 CEHV= 0.500

*SECNO 1480.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48

RR TRACKS-SEC 4

1480.00	5.01	591.31	0.00	0.00	591.48	0.17	0.00	0.01	597.33
155.	0.	155.	0.	0.	47.	0.	14.	12.	597.33
1.63	0.00	3.33	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.000601	2.	2.	2.	0	0	0	-2.43	10.00	2110.00

*SECNO 1522.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48

1522.00	5.03	591.33	0.00	0.00	591.50	0.17	0.03	0.00	597.33
155.	0.	155.	0.	0.	47.	0.	14.	12.	597.33
1.63	0.00	3.31	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.000597	42.	42.	42.	1	0	0	-2.52	10.00	2110.00

CCHV= 0.100 CEHV= 0.300

*SECNO 1524.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1524.00	4.68	591.38	0.00	0.00	591.51	0.13	0.00	0.00	589.30
155.	0.	155.	0.	0.	55.	0.	14.	12.	100000.00
1.63	0.00	2.84	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.001259	2.	2.	2.	2	0	0	0.00	16.00	516.00

*SECNO 1628.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1628.00	4.82	591.52	0.00	0.00	591.63	0.12	0.12	0.00	589.30
155.	0.	155.	0.	0.	57.	0.	14.	12.	100000.00
1.64	0.00	2.73	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.001126	104.	104.	104.	2	0	0	0.00	16.00	516.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1630.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 598.13 MAX ELLC= 592.82

1630.00	4.62	591.52	0.00	0.00	591.64	0.12	0.00	0.00	598.13
155.	0.	155.	0.	0.	55.	0.	14.	12.	598.13
1.64	0.00	2.80	0.00	0.070	0.019	0.070	0.000	586.90	94.00
0.000575	2.	2.	2.	0	0	0	0.00	12.00	106.00

*SECNO 1697.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 598.13 MAX ELLC= 592.82

3470 ENCROACHMENT STATIONS= 94.0 106.0 TYPE= 1 TARGET= 12.000

1697.00	4.65	591.55	0.00	0.00	591.67	0.12	0.03	0.00	598.13
155.	0.	155.	0.	0.	56.	0.	14.	12.	100000.00
1.65	0.00	2.78	0.00	0.070	0.019	0.070	0.000	586.90	94.00
0.000454	67.	67.	67.	2	0	0	0.00	12.00	106.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1699.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1699.00	4.86	591.56	0.00	0.00	591.68	0.11	0.00	0.00	589.30
155.	0.	155.	0.	0.	57.	0.	14.	12.	100000.00
1.65	0.00	2.71	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.001093	2.	2.	2.	0	0	0	0.00	16.00	516.00

*SECNO 1930.000

3470 ENCROACHMENT STATIONS= 85.0 480.0 TYPE= 1 TARGET= 395.000
30 FT DOWNSTREAM OF FORK-SEC 6

1930.00	4.23	591.73	0.00	0.00	591.74	0.00	0.05	0.01	591.60
155.	23.	56.	76.	93.	81.	276.	16.	13.	589.90
1.80	0.25	0.70	0.27	0.070	0.035	0.070	0.000	587.50	184.57
0.000091	231.	231.	231.	0	0	0	0.00	295.43	480.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 2130.000									
2130.00	3.05	591.75	0.00	0.00	591.76	0.00	0.02	0.00	590.00
155.	80.	44.	31.	246.	53.	121.	18.	14.	590.50
1.92	0.33	0.83	0.26	0.070	0.035	0.070	0.000	588.70	0.94
0.000121	200.	200.	200.	2	0	0	0.00	280.20	281.14
*SECNO 3130.000									
3130.00	1.95	592.05	0.00	0.00	592.12	0.07	0.34	0.02	591.40
155.	69.	82.	5.	80.	28.	13.	24.	20.	591.90
2.07	0.85	2.89	0.38	0.070	0.035	0.070	0.000	590.10	0.99
0.003369	1000.	1000.	1000.	3	0	0	0.00	250.64	251.64

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THIS RUN EXECUTED 1 MAR 84 15:26:32

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      50 YEAR FREQUENCY FLOOD
T3      CLEE EAST

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.      3.        0.        0.  0.000000      0.00      0.0       0.    591.100     0.000
J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    2.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

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   SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     BANK ELEV
   Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA     LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*PROF 2

CCHV=   0.300 CEHV=   0.500
*SECNO 0.000

3470 ENCROACHMENT STATIONS=    1470.0    2201.0  TYPE=     1  TARGET=    731.000
          100 FT DOWNSTREAM OF HAYDEN RD
     0.00      5.20    591.10      0.00    591.10    591.10      0.00      0.00      0.00    589.10
      115.       51.       20.       44.      687.       76.      527.        0.        0.    588.50
     0.00      0.07      0.26      0.08     0.070     0.035     0.070     0.000    585.90   1470.00
 0.000007        0.        0.        0.         0         0         0      0.00    730.09   2200.09

*SECNO 92.000

3470 ENCROACHMENT STATIONS=    1510.0    2201.0  TYPE=     1  TARGET=    691.000
    92.00      5.20    591.10      0.00      0.00    591.10      0.00      0.00      0.00    589.10
      115.       49.       21.       45.      634.       76.      527.        3.        1.    588.50
     0.22      0.08      0.27      0.09     0.070     0.035     0.070     0.000    585.90   1510.00
 0.000007        92.       92.       92.         0         0         0      0.00    690.09   2200.09

*SECNO 190.000

3470 ENCROACHMENT STATIONS=    1570.0    2200.0  TYPE=     1  TARGET=    630.000
   190.00      5.50    591.10      0.00      0.00    591.10      0.00      0.00      0.00    590.31
      115.       63.        7.       45.      312.       14.      242.        5.        3.    590.31
     0.35      0.20      0.51      0.18     0.070     0.035     0.070     0.000    585.60   1570.00
 0.000099        98.       98.       98.         0         0         0      0.00    630.00   2200.00

CCHV=   0.300 CEHV=   0.500
*SECNO 192.000

3370 NORMAL BRIDGE,NRD=  5 MIN ELTRD=  590.31 MAX ELLC=  588.60

3470 ENCROACHMENT STATIONS=    1570.0    2200.0  TYPE=     1  TARGET=    630.000
          CULVERT AT HAYDEN RD-SEC 1
   192.00      5.50    591.10      0.00      0.00    591.10      0.00      0.00      0.00    590.31
      115.       64.        7.       45.      312.        7.      243.        5.        3.    590.31
     0.35      0.20      0.96      0.18     0.070     0.011     0.070     0.000    585.60   1570.00
 0.000100         2.        2.        2.         0         0         0     -7.38    630.00   2200.00
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PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 249.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS=			1600.0	2200.0	TYPE=	1	TARGET=	600.000	
249.00	5.51	591.11	0.00	0.00	591.11	0.00	0.01	0.00	590.31
115.	61.	7.	47.	284.	7.	244.	5.	4.	590.31
0.41	0.21	1.00	0.19	0.070	0.011	0.070	0.000	585.60	1600.00
0.000109	57.	57.	57.	0	0	0	-7.38	600.00	2200.00

CCHV= 0.300 CEHV= 0.500
*SECNO 251.000

3470 ENCROACHMENT STATIONS=			1600.0	2200.0	TYPE=	1	TARGET=	600.000	
251.00	5.21	591.11	0.00	0.00	591.11	0.00	0.00	0.00	589.10
115.	44.	22.	49.	510.	76.	529.	5.	4.	588.50
0.42	0.09	0.29	0.09	0.070	0.035	0.070	0.000	585.90	1600.00
0.000008	2.	2.	2.	0	0	0	0.00	600.00	2200.00

*SECNO 992.000

3470 ENCROACHMENT STATIONS=			385.0	620.0	TYPE=	1	TARGET=	235.000	
150 FT DOWNSTREAM OF VAN HORN RD-SEC 2									
992.00	4.42	591.12	0.00	0.00	591.13	0.00	0.01	0.00	589.30
115.	25.	39.	52.	114.	50.	190.	18.	11.	589.20
0.90	0.22	0.77	0.27	0.070	0.035	0.070	0.000	586.70	387.86
0.000075	741.	741.	741.	2	0	0	0.00	232.13	620.00

CCHV= 0.300 CEHV= 1.000
*SECNO 1140.000

3470 ENCROACHMENT STATIONS=			435.0	595.0	TYPE=	1	TARGET=	160.000	
FLOW CHANGE DUE TO STORM SEWER									
1140.00	4.45	591.15	0.00	0.00	591.17	0.02	0.03	0.02	589.30
235.	53.	90.	92.	96.	51.	147.	19.	12.	589.20
0.94	0.55	1.77	0.63	0.070	0.035	0.070	0.000	586.70	435.00
0.000398	148.	148.	148.	2	0	0	0.00	160.00	595.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	IITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1142.000

3470 ENCROACHMENT STATIONS= 435.0 595.0 TYPE= 1 TARGET= 160.000
VAN HORN RD-SEC 3

1142.00	4.43	591.13	0.00	0.00	591.19	0.07	0.00	0.02	589.30
235.	36.	136.	63.	95.	50.	145.	19.	12.	589.20
0.94	0.38	2.69	0.44	0.070	0.016	0.070	0.000	586.70	435.00
0.000194	2.	2.	2.	2	0	0	0.00	160.00	595.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.20	2.60	0.00	3.00	0.00	9.00	0.00	586.70	586.70

*SECNO 1200.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
614.42	591.19	0.00	209.	26.	9.	11.	590.30	590.80

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1200.00	4.98	591.38	0.00	0.00	591.42	0.04	0.22	0.00	588.26
235.	89.	55.	91.	152.	18.	155.	19.	12.	588.26
0.95	0.58	3.06	0.59	0.070	0.016	0.070	0.000	586.40	730.00
0.000265	58.	58.	58.	2	0	10	0.00	140.00	870.00

*SECNO 1202.000

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1202.00	5.02	591.42	0.00	0.00	591.43	0.01	0.00	0.01	588.26
235.	102.	29.	104.	155.	18.	157.	20.	12.	588.26
0.95	0.66	1.58	0.67	0.070	0.035	0.070	0.000	586.40	730.00
0.000331	2.	2.	2.	2	0	0	0.00	140.00	870.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 1478.000									
1478.00	5.16	591.46	0.00	0.00	591.80	0.34	0.21	0.16	597.33
235.	0.	235.	0.	0.	51.	0.	21.	12.	597.33
0.97	0.00	4.65	0.00	0.070	0.035	0.070	0.000	586.30	2100.00
0.003355	276.	276.	276.	2	0	0	0.00	10.00	2110.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 1480.000									
3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48									
RR TRACKS-SEC 4									
1480.00	5.15	591.45	0.00	0.00	591.83	0.38	0.00	0.02	597.33
235.	0.	235.	0.	0.	47.	0.	21.	12.	597.33
0.97	0.00	4.95	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.001340	2.	2.	2.	2	0	0	-2.86	10.00	2110.00
*SECNO 1522.000									
3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48									
1522.00	5.21	591.51	0.00	0.00	591.88	0.37	0.06	0.00	597.33
235.	0.	235.	0.	0.	48.	0.	21.	12.	597.33
0.97	0.00	4.91	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.001322	42.	42.	42.	2	0	0	-3.10	10.00	2110.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 1524.000									
3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000									
1524.00	4.95	591.65	0.00	0.00	591.90	0.25	0.00	0.01	589.30
235.	0.	235.	0.	0.	59.	0.	21.	12.	100000.00
0.97	0.00	3.99	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.002323	2.	2.	2.	2	0	0	0.00	16.00	516.00
*SECNO 1628.000									
3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000									
1628.00	5.21	591.91	0.00	0.00	592.12	0.22	0.22	0.00	589.30
235.	0.	235.	0.	0.	63.	0.	21.	12.	100000.00
0.98	0.00	3.74	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.001920	104.	104.	104.	2	0	0	0.00	16.00	516.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1630.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 598.13 MAX ELLC= 592.82

1630.00	5.00	591.90	0.00	0.00	592.14	0.24	0.00	0.01	598.13
235.	0.	235.	0.	0.	60.	0.	21.	12.	598.13
0.98	0.00	3.91	0.00	0.070	0.019	0.070	0.000	586.90	94.00
0.001082	2.	2.	2.	1	0	0	0.00	12.00	106.00

*SECNO 1697.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 598.13 MAX ELLC= 592.82

3470 ENCROACHMENT STATIONS= 94.0 106.0 TYPE= 1 TARGET= 12.000

1697.00	5.07	591.97	0.00	0.00	592.20	0.23	0.06	0.00	598.13
235.	0.	235.	0.	0.	61.	0.	21.	12.	100000.00
0.99	0.00	3.86	0.00	0.070	0.019	0.070	0.000	586.90	94.00
0.000834	67.	67.	67.	2	0	0	0.00	12.00	106.00

CCHV= 0.100 CEHV= 0.300
*SECNO 1699.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1699.00	5.30	592.00	0.00	0.00	592.21	0.21	0.00	0.00	589.30
235.	0.	235.	0.	0.	64.	0.	21.	12.	100000.00
0.99	0.00	3.65	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.001796	2.	2.	2.	2	0	0	0.00	16.00	516.00

*SECNO 1930.000

3470 ENCROACHMENT STATIONS= 85.0 480.0 TYPE= 1 TARGET= 395.000
30 FT DOWNSTREAM OF FORK-SEC 6

1930.00	4.78	592.28	0.00	0.00	592.28	0.00	0.05	0.02	591.60
235.	39.	77.	119.	139.	100.	373.	23.	13.	589.90
1.13	0.28	0.77	0.32	0.070	0.035	0.070	0.000	587.50	171.86
0.000085	231.	231.	231.	2	0	0	0.00	308.14	480.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 2130.000									
2130.00	3.59	592.29	0.00	0.00	592.30	0.00	0.02	0.00	590.00
235.	121.	58.	56.	326.	65.	182.	26.	15.	590.50
1.24	0.37	0.90	0.31	0.070	0.035	0.070	0.000	588.70	0.91
0.000108	200.	200.	200.	2	0	0	0.00	287.52	288.43
*SECNO 3130.000									
3130.00	2.43	592.53	0.00	0.00	592.57	0.03	0.26	0.01	591.40
235.	119.	85.	31.	153.	39.	56.	35.	21.	591.90
1.46	0.78	2.19	0.55	0.070	0.035	0.070	0.000	590.10	0.97
0.001263	1000.	1000.	1000.	2	0	0	0.00	268.13	269.10

PRINTED IN U.S.A.

THIS RUN EXECUTED 1 MAR 84 15:27:13

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 100 YEAR FREQUENCY FLOOD
T3 CLEE EAST

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	591.260	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*PROF 3

CCHV= 0.300 CEHV= 0.500
*SECNO 0.000

3470 ENCROACHMENT STATIONS= 1470.0 2201.0 TYPE= 1 TARGET= 731.000
100 FT DOWNSTREAM OF HAYDEN RD

0.00	5.36	591.26	0.00	591.26	591.26	0.00	0.00	0.00	589.10
155.	71.	25.	59.	756.	79.	572.	0.	0.	588.50
0.00	0.09	0.32	0.10	0.070	0.035	0.070	0.000	585.90	1470.00
0.000009	0.	0.	0.	0	0	0	0.00	730.09	2200.09

*SECNO 92.000

3470 ENCROACHMENT STATIONS= 1510.0 2201.0 TYPE= 1 TARGET= 691.000

92.00	5.36	591.26	0.00	0.00	591.26	0.00	0.00	0.00	589.10
155.	68.	26.	61.	697.	79.	572.	3.	1.	588.50
0.18	0.10	0.33	0.11	0.070	0.035	0.070	0.000	585.90	1510.00
0.000010	92.	92.	92.	0	0	0	0.00	690.09	2200.09

*SECNO 190.000

3470 ENCROACHMENT STATIONS= 1570.0 2200.0 TYPE= 1 TARGET= 630.000

190.00	5.66	591.26	0.00	0.00	591.26	0.00	0.00	0.00	590.31
155.	85.	8.	62.	364.	15.	290.	5.	3.	590.31
0.30	0.23	0.54	0.21	0.070	0.035	0.070	0.000	585.60	1570.00
0.000106	98.	98.	98.	0	0	0	0.00	630.00	2200.00

CCHV= 0.300 CEHV= 0.500
*SECNO 192.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1570.0 2200.0 TYPE= 1 TARGET= 630.000
CULVERT AT HAYDEN RD-SEC 1

192.00	5.66	591.26	0.00	0.00	591.26	0.00	0.00	0.00	590.31
155.	85.	8.	62.	365.	7.	290.	5.	3.	590.31
0.30	0.23	1.03	0.21	0.070	0.011	0.070	0.000	585.60	1570.00
0.000106	2.	2.	2.	0	0	0	-7.38	630.00	2200.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV	
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*SECNO 249.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1600.0 2200.0 TYPE= 1 TARGET= 600.000

249.00	5.67	591.27	0.00	0.00	591.27	0.00	0.01	0.00	590.31
155.	81.	8.	66.	333.	7.	292.	6.	4.	590.31
0.35	0.24	1.08	0.23	0.070	0.011	0.070	0.000	585.60	1600.00
0.000116	57.	57.	57.	0	0	0	-7.38	600.00	2200.00

CCHV= 0.300 CEHV= 0.500
*SECNO 251.000

3470 ENCROACHMENT STATIONS= 1600.0 2200.0 TYPE= 1 TARGET= 600.000

251.00	5.37	591.27	0.00	0.00	591.27	0.00	0.00	0.00	589.10
155.	61.	28.	66.	558.	79.	575.	6.	4.	588.50
0.36	0.11	0.36	0.12	0.070	0.035	0.070	0.000	585.90	1600.00
0.000011	2.	2.	2.	0	0	0	0.00	600.00	2200.00

*SECNO 992.000

3470 ENCROACHMENT STATIONS= 385.0 620.0 TYPE= 1 TARGET= 235.000
150 FT DOWNSTREAM OF VAN HORN RD-SEC 2

992.00	4.59	591.29	0.00	0.00	591.29	0.01	0.02	0.00	589.30
155.	36.	49.	70.	133.	53.	207.	20.	11.	589.20
0.76	0.27	0.93	0.34	0.070	0.035	0.070	0.000	586.70	385.00
0.000103	741.	741.	741.	2	0	0	0.00	235.00	620.00

CCHV= 0.300 CEHV= 1.000
*SECNO 1140.000

3470 ENCROACHMENT STATIONS= 435.0 595.0 TYPE= 1 TARGET= 160.000
FLOW CHANGE DUE TO STORM SEWER

1140.00	4.62	591.32	0.00	0.00	591.34	0.02	0.03	0.02	589.30
275.	65.	101.	110.	107.	54.	160.	21.	12.	589.20
0.80	0.60	1.88	0.68	0.070	0.035	0.070	0.000	586.70	435.00
0.000419	148.	148.	148.	2	0	0	0.00	160.00	595.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1142.000

3470 ENCROACHMENT STATIONS= 435.0 595.0 TYPE= 1 TARGET= 160.000
VAN HORN RD-SEC 3

1142.00	4.60	591.30	0.00	0.00	591.37	0.07	0.00	0.03	589.30
275.	45.	154.	76.	106.	53.	158.	21.	12.	589.20
0.80	0.42	2.90	0.48	0.070	0.016	0.070	0.000	586.70	435.00
0.000210	2.	2.	2.	2	0	0	0.00	160.00	595.00

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.20	2.60	0.00	3.00	0.00	9.00	0.00	586.70	586.70

*SECNO 1200.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
623.19	591.37	0.00	255.	21.	9.	11.	590.30	590.80

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1200.00	5.03	591.43	0.00	0.00	591.48	0.05	0.11	0.00	588.26
275.	104.	64.	107.	156.	18.	158.	21.	12.	588.26
0.81	0.67	3.49	0.68	0.070	0.016	0.070	0.000	586.40	730.00
0.000338	58.	58.	58.	2	0	10	0.00	140.00	870.00

*SECNO 1202.000

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1202.00	5.08	591.48	0.00	0.00	591.49	0.01	0.00	0.01	588.26
275.	120.	33.	122.	159.	18.	161.	21.	12.	588.26
0.81	0.75	1.78	0.76	0.070	0.035	0.070	0.000	586.40	730.00
0.000416	2.	2.	2.	2	0	0	0.00	140.00	870.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 1478.000									
1478.00	5.23	591.53	0.00	0.00	591.98	0.45	0.27	0.22	597.33
275.	0.	275.	0.	0.	51.	0.	23.	12.	597.33
0.83	0.00	5.37	0.00	0.070	0.035	0.070	0.000	586.30	2100.00
0.004436	276.	276.	276.	2	0	0	0.00	10.00	2110.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 1480.000									
3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48									
RR TRACKS-SEC 4									
1480.00	5.21	591.51	0.00	0.00	592.02	0.51	0.01	0.03	597.33
275.	0.	275.	0.	0.	48.	0.	23.	12.	597.33
0.83	0.00	5.75	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.001813	2.	2.	2.	2	0	0	-3.08	10.00	2110.00
*SECNO 1522.000									
3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48									
1522.00	5.30	591.60	0.00	0.00	592.10	0.50	0.08	0.00	597.33
275.	0.	275.	0.	0.	48.	0.	23.	12.	597.33
0.83	0.00	5.68	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.001782	42.	42.	42.	2	0	0	-3.42	10.00	2110.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 1524.000									
3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000									
1524.00	5.11	591.81	0.00	0.00	592.12	0.31	0.00	0.02	589.30
275.	0.	275.	0.	0.	61.	0.	23.	12.	100000.00
0.83	0.00	4.48	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.002823	2.	2.	2.	2	0	0	0.00	16.00	516.00
*SECNO 1628.000									
3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000									
1628.00	5.42	592.12	0.00	0.00	592.39	0.27	0.26	0.00	589.30
275.	0.	275.	0.	0.	66.	0.	23.	12.	100000.00
0.84	0.00	4.15	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.002262	104.	104.	104.	2	0	0	0.00	16.00	516.00

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    SECNO      DEPTH      CWSEL      CRIWS      WSELK      EG         HV         HL         OLOSS     BANK ELEV
    Q          QLOB       QCH        QROB       ALOB       ACH        AROB       VOL        TWA    LEFT/RIGHT
    TIME       VLOB       VCH        VROB       XNL        XNCH       XNR        WTN        ELMIN       SSTA
    SLOPE      XLOBL      XLCH       XLOBR      ITRIAL     IDC        ICONT      CORAR      TOPWID      ENDST

CCHV=  0.300 CEHV=   0.500
*SECNO 1630.000

3370 NORMAL BRIDGE,NRD=  5 MIN ELTRD=  598.13 MAX ELLC=  592.82

  1630.00       5.21     592.11       0.00       0.00     592.41       0.30       0.00       0.02     598.13
     275.          0.        275.          0.         0.        63.          0.        23.         12.     598.13
    0.84       0.00       4.39       0.00      0.070      0.019      0.070      0.000     586.90      94.00
0.001337          2.         2.         2.          1          0          0       0.00      12.00     106.00

*SECNO 1697.000

3370 NORMAL BRIDGE,NRD=  5 MIN ELTRD=  598.13 MAX ELLC=  592.82

3470 ENCROACHMENT STATIONS=       94.0      106.0  TYPE=      1  TARGET=       12.000
  1697.00       5.30     592.20       0.00       0.00     592.49       0.29       0.08       0.00     598.13
     275.          0.        275.          0.         0.        64.          0.        23.         12. 100000.00
    0.84       0.00       4.33       0.00      0.070      0.019      0.070      0.000     586.90      94.00
0.001021         67.        67.        67.          2          0          0       0.00      12.00     106.00

CCHV=   0.100 CEHV=   0.300
*SECNO 1699.000

3470 ENCROACHMENT STATIONS=      500.0      516.0  TYPE=      1  TARGET=       16.000
  1699.00       5.54     592.24       0.00       0.00     592.49       0.25       0.00       0.00     589.30
     275.          0.        275.          0.         0.        68.          0.        23.         12. 100000.00
    0.84       0.00       4.03       0.00      0.070      0.035      0.070      0.000     586.70      500.00
0.002083          2.         2.         2.          2          0          0       0.00      16.00     516.00

*SECNO 1930.000

3470 ENCROACHMENT STATIONS=       85.0      480.0  TYPE=      1  TARGET=      395.000
          30 FT DOWNSTREAM OF FORK-SEC 6
  1930.00       5.06     592.56       0.00       0.00     592.57       0.00       0.05       0.02     591.60
     275.         49.         86.        140.       168.        110.       425.        25.         13.     589.90
    0.98       0.29       0.78       0.33      0.070      0.035      0.070      0.000     587.50      159.82
0.000077        231.       231.       231.          2          0          0       0.00     320.18     480.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 2130.000									
2130.00	3.88	592.58	0.00	0.00	592.59	0.00	0.02	0.00	590.00
275.	141.	64.	70.	369.	71.	216.	28.	15.	590.50
1.09	0.38	0.91	0.32	0.070	0.035	0.070	0.000	588.70	0.89
0.000098	200.	200.	200.	2	0	0	0.00	291.42	292.31
*SECNO 3130.000									
3130.00	2.69	592.79	0.00	0.00	592.81	0.02	0.22	0.01	591.40
275.	141.	88.	45.	191.	45.	82.	39.	21.	591.90
1.34	0.74	1.98	0.56	0.070	0.035	0.070	0.000	590.10	0.95
0.000868	1000.	1000.	1000.	2	0	0	0.00	275.21	276.17

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THIS RUN EXECUTED 1 MAR 84 15:27:42

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 500 YEAR FREQUENCY FLOOD
T3 CLEE EAST

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	591.670	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

CCHV= 0.300 CEHV= 0.500

*SECNO 0.000

3470 ENCROACHMENT STATIONS= 1470.0 2201.0 TYPE= 1 TARGET= 731.000

100 FT DOWNSTREAM OF HAYDEN RD

0.00	5.77	591.67	0.00	591.67	591.67	0.00	0.00	0.00	589.10
265.	127.	37.	101.	932.	86.	687.	0.	0.	588.50
0.00	0.14	0.43	0.15	0.070	0.035	0.070	0.000	585.90	1470.00
0.000015	0.	0.	0.	0	0	0	0.00	730.11	2200.11

*SECNO 92.000

3470 ENCROACHMENT STATIONS= 1510.0 2201.0 TYPE= 1 TARGET= 691.000

92.00	5.77	591.67	0.00	0.00	591.67	0.00	0.00	0.00	589.10
265.	122.	39.	105.	857.	87.	688.	4.	1.	588.50
0.13	0.14	0.45	0.15	0.070	0.035	0.070	0.000	585.90	1510.00
0.000016	92.	92.	92.	0	0	0	0.00	690.11	2200.11

*SECNO 190.000

3470 ENCROACHMENT STATIONS= 1570.0 2200.0 TYPE= 1 TARGET= 630.000

190.00	6.07	591.67	0.00	0.00	591.68	0.00	0.00	0.00	590.31
265.	144.	9.	112.	500.	16.	412.	6.	3.	590.31
0.23	0.29	0.57	0.27	0.070	0.035	0.070	0.000	585.60	1570.00
0.000106	98.	98.	98.	0	0	0	0.00	630.00	2200.00

CCHV= 0.300 CEHV= 0.500

*SECNO 192.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 590.31 MAX ELLC= 588.60

3470 ENCROACHMENT STATIONS= 1570.0 2200.0 TYPE= 1 TARGET= 630.000

CULVERT AT HAYDEN RD-SEC 1

192.00	6.07	591.67	0.00	0.00	591.68	0.00	0.00	0.00	590.31
265.	144.	10.	112.	501.	9.	413.	6.	3.	590.31
0.23	0.29	1.13	0.27	0.070	0.011	0.070	0.000	585.60	1570.00
0.000105	2.	2.	2.	0	0	0	-7.38	630.00	2200.00

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   SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
   Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA   LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

*SECNO 249.000

3370 NORMAL BRIDGE,NRD=  5 MIN ELTRD=  590.31 MAX ELLC=  588.60


3470 ENCROACHMENT STATIONS=     1600.0    2200.0  TYPE=      1  TARGET=      600.000
    249.00      6.08   591.68      0.00      0.00    591.68      0.00      0.01      0.00    590.31
      265.       137.       10.       118.       456.         9.       414.         8.         4.    590.31
      0.28      0.30      1.20      0.28     0.070     0.011     0.070     0.000    585.60   1600.00
 0.000115        57.       57.       57.         0         0         0     -7.38    600.00   2200.00

CCHV=   0.300 CEHV=   0.500
*SECNO 251.000

3470 ENCROACHMENT STATIONS=     1600.0    2200.0  TYPE=      1  TARGET=      600.000
    251.00      5.78   591.68      0.00      0.00    591.68      0.00      0.00      0.00    589.10
      265.       108.       42.       115.       681.        87.       690.         8.         4.    588.50
      0.28      0.16      0.49      0.17     0.070     0.035     0.070     0.000    585.90   1600.00
 0.000019          2.        2.        2.         0         0         0      0.00    600.00   2200.00


*SECNO 992.000

3470 ENCROACHMENT STATIONS=      385.0     620.0  TYPE=      1  TARGET=      235.000
          150 FT DOWNSTREAM OF VAN HORN  RD-SEC 2
    992.00      5.01   591.71      0.00      0.00    591.72      0.01      0.03      0.00    589.30
      265.        71.       75.       119.       182.        60.       251.        24.        11.    589.20
      0.59      0.39      1.25      0.48     0.070     0.035     0.070     0.000    586.70    385.00
 0.000160        741.      741.      741.         2         0         0      0.00    235.00    620.00


CCHV=   0.300 CEHV=   1.000
*SECNO 1140.000

3470 ENCROACHMENT STATIONS=      435.0     595.0  TYPE=      1  TARGET=      160.000
          FLOW CHANGE DUE TO STORM SEWER
   1140.00      5.05   591.75      0.00      0.00    591.78      0.03      0.04      0.02    589.30
      385.        99.      129.       157.       135.        60.       194.        26.        12.    589.20
      0.62      0.73      2.13      0.81     0.070     0.035     0.070     0.000    586.70    435.00
 0.000458        148.      148.      148.         2         0         0      0.00    160.00    595.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 1142.000

3470 ENCROACHMENT STATIONS= 435.0 595.0 TYPE= 1 TARGET= 160.000
VAN HORN RD-SEC 3

1142.00	5.02	591.72	0.00	0.00	591.81	0.10	0.00	0.03	589.30
385.	70.	203.	112.	133.	60.	191.	26.	12.	589.20
0.62	0.53	3.38	0.59	0.070	0.016	0.070	0.000	586.70	435.00
0.000243	2.	2.	2.	2	0	0	0.00	160.00	595.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	2.20	2.60	0.00	3.00	0.00	9.00	0.00	586.70	586.70

*SECNO 1200.000
6870 D.S. ENERGY OF 591.81 HIGHER THAN COMPUTED ENERGY OF 591.78
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
654.23	591.81	0.00	370.	12.	9.	11.	590.30	590.80

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1200.00	5.34	591.74	0.00	0.00	591.81	0.07	0.00	0.00	588.26
385.	149.	83.	153.	177.	20.	179.	26.	12.	588.26
0.63	0.84	4.24	0.85	0.070	0.016	0.070	0.000	586.40	730.00
0.000457	58.	58.	58.	2	0	12	0.00	140.00	870.00

*SECNO 1202.000

3470 ENCROACHMENT STATIONS= 730.0 870.0 TYPE= 1 TARGET= 140.000

1202.00	5.41	591.81	0.00	0.00	591.83	0.02	0.00	0.01	588.26
385.	170.	42.	173.	181.	20.	184.	26.	12.	588.26
0.63	0.93	2.13	0.94	0.070	0.035	0.070	0.000	586.40	730.00
0.000543	2.	2.	2.	2	0	0	0.00	140.00	870.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 1478.000									
3301 HV CHANGED MORE THAN HVINS									
1478.00	5.50	591.80	0.00	0.00	592.59	0.79	0.37	0.39	597.33
385.	0.	385.	0.	0.	54.	0.	28.	12.	597.33
0.64	0.00	7.15	0.00	0.070	0.035	0.070	0.000	586.30	2100.00
0.007620	276.	276.	276.	2	0	0	0.00	10.00	2110.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 1480.000									
3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48									
RR TRACKS-SEC 4									
1480.00	5.43	591.73	0.00	0.00	592.68	0.95	0.01	0.08	597.33
385.	0.	385.	0.	0.	49.	0.	28.	12.	597.33
0.64	0.00	7.83	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.003418	2.	2.	2.	2	0	0	-3.97	10.00	2110.00
*SECNO 1522.000									
3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 597.33 MAX ELLC= 593.48									
1522.00	5.62	591.92	0.00	0.00	592.83	0.91	0.14	0.01	597.33
385.	0.	385.	0.	0.	50.	0.	28.	12.	597.33
0.64	0.00	7.67	0.00	0.070	0.019	0.070	0.000	586.30	2100.00
0.003334	42.	42.	42.	2	0	0	-4.87	10.00	2110.00
CCHV= 0.100 CEHV= 0.300									
*SECNO 1524.000									
3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000									
1524.00	5.73	592.43	0.00	0.00	592.88	0.45	0.01	0.05	589.30
385.	0.	385.	0.	0.	71.	0.	28.	12.	100000.00
0.64	0.00	5.40	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.003612	2.	2.	2.	3	0	0	0.00	16.00	516.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 1628.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1628.00	6.14	592.84	0.00	0.00	593.22	0.38	0.33	0.01	589.30
385.	0.	385.	0.	0.	78.	0.	28.	12.	100000.00
0.65	0.00	4.94	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.002818	104.	104.	104.	2	0	0	0.00	16.00	516.00

CCHV= 0.300 CEHV= 0.500

*SECNO 1630.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 598.13 MAX ELLC= 592.82

1630.00	5.91	592.81	0.00	0.00	593.27	0.46	0.01	0.04	598.13
385.	0.	385.	0.	0.	71.	0.	28.	12.	598.13
0.65	0.00	5.46	0.00	0.070	0.019	0.070	0.000	586.90	94.00
0.002774	2.	2.	2.	2	0	0	-0.33	12.00	106.00

*SECNO 1697.000

3370 NORMAL BRIDGE,NRD= 5 MIN ELTRD= 598.13 MAX ELLC= 592.82

3470 ENCROACHMENT STATIONS= 94.0 106.0 TYPE= 1 TARGET= 12.000

1697.00	6.08	592.98	0.00	0.00	593.44	0.46	0.17	0.00	598.13
385.	0.	385.	0.	0.	71.	0.	28.	12.	100000.00
0.65	0.00	5.46	0.00	0.070	0.019	0.070	0.000	586.90	94.00
0.002413	67.	67.	67.	1	0	0	-2.49	12.00	106.00

CCHV= 0.100 CEHV= 0.300

*SECNO 1699.000

3470 ENCROACHMENT STATIONS= 500.0 516.0 TYPE= 1 TARGET= 16.000

1699.00	6.42	593.12	0.00	0.00	593.46	0.34	0.00	0.01	589.30
385.	0.	385.	0.	0.	82.	0.	28.	12.	100000.00
0.65	0.00	4.68	0.00	0.070	0.035	0.070	0.000	586.70	500.00
0.002415	2.	2.	2.	2	0	0	0.00	16.00	516.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 1930.000									
3470 ENCROACHMENT STATIONS=		85.0	480.0	TYPE=	1	TARGET=	395.000		
30 FT DOWNSTREAM OF FORK-SEC 6									
1930.00	6.02	593.52	0.00	0.00	593.53	0.00	0.03	0.03	591.60
385.	80.	107.	197.	280.	143.	597.	31.	13.	589.90
0.80	0.29	0.75	0.33	0.070	0.035	0.070	0.000	587.50	143.68
0.000049	231.	231.	231.	2	0	0	0.00	336.32	480.00
*SECNO 2130.000									
2130.00	4.84	593.54	0.00	0.00	593.54	0.00	0.01	0.00	590.00
385.	194.	80.	111.	511.	92.	337.	35.	15.	590.50
0.92	0.38	0.87	0.33	0.070	0.035	0.070	0.000	588.70	0.84
0.000063	200.	200.	200.	2	0	0	0.00	304.36	305.21
*SECNO 3130.000									
3130.00	3.55	593.65	0.00	0.00	593.66	0.01	0.12	0.00	591.40
385.	198.	96.	91.	319.	64.	176.	53.	22.	591.90
1.26	0.62	1.51	0.52	0.070	0.035	0.070	0.000	590.10	0.91
0.000311	1000.	1000.	1000.	2	0	0	0.00	286.92	287.83

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THIS RUN EXECUTED 1 MAR 84 15:29:09

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

CLEE EAST

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	590.52	0.00	590.52	730.06	13.49	8.49	13.03	731.00	1470.00	1900.00	1919.00	2201.00
0.000	591.10	0.00	591.10	730.09	51.37	20.02	43.61	731.00	1470.00	1900.00	1919.00	2201.00
0.000	591.26	0.00	591.26	730.09	70.92	25.20	58.88	731.00	1470.00	1900.00	1919.00	2201.00
0.000	591.67	0.00	591.67	730.11	126.82	37.29	100.89	731.00	1470.00	1900.00	1919.00	2201.00
92.000	590.52	0.00	590.52	690.06	13.04	8.66	13.30	691.00	1510.00	1900.00	1919.00	2201.00
92.000	591.10	0.00	591.10	690.09	49.40	20.64	44.96	691.00	1510.00	1900.00	1919.00	2201.00
92.000	591.26	0.00	591.26	690.09	68.15	26.03	60.82	691.00	1510.00	1900.00	1919.00	2201.00
92.000	591.67	0.00	591.67	690.11	121.75	38.64	104.61	691.00	1510.00	1900.00	1919.00	2201.00
190.000	590.52	0.00	590.52	630.00	18.54	8.41	8.05	630.00	1570.00	1900.00	1903.00	2200.00
190.000	591.10	0.00	591.10	630.00	63.14	7.29	44.57	630.00	1570.00	1900.00	1903.00	2200.00
190.000	591.26	0.00	591.26	630.00	84.84	7.98	62.19	630.00	1570.00	1900.00	1903.00	2200.00
190.000	591.67	0.00	591.68	630.00	143.98	9.15	111.87	630.00	1570.00	1900.00	1903.00	2200.00
192.000	590.52	0.00	590.52	630.00	20.05	6.24	8.71	630.00	1570.00	1900.00	1903.00	2200.00
192.000	591.10	0.00	591.10	630.00	63.55	6.59	44.87	630.00	1570.00	1900.00	1903.00	2200.00
192.000	591.26	0.00	591.26	630.00	85.05	7.60	62.35	630.00	1570.00	1900.00	1903.00	2200.00
192.000	591.67	0.00	591.68	630.00	143.59	9.82	111.59	630.00	1570.00	1900.00	1903.00	2200.00
249.000	590.53	0.00	590.54	600.00	19.13	6.36	9.51	600.00	1600.00	1900.00	1903.00	2200.00
249.000	591.11	0.00	591.11	600.00	60.67	6.91	47.42	600.00	1600.00	1900.00	1903.00	2200.00
249.000	591.27	0.00	591.27	600.00	81.19	7.98	65.84	600.00	1600.00	1900.00	1903.00	2200.00
249.000	591.68	0.00	591.68	600.00	137.07	10.31	117.62	600.00	1600.00	1900.00	1903.00	2200.00
251.000	590.54	0.00	590.54	600.00	11.77	9.10	14.12	600.00	1600.00	1900.00	1919.00	2200.00
251.000	591.11	0.00	591.11	600.00	43.96	22.30	48.75	600.00	1600.00	1900.00	1919.00	2200.00
251.000	591.27	0.00	591.27	600.00	60.55	28.24	66.22	600.00	1600.00	1900.00	1919.00	2200.00
251.000	591.68	0.00	591.68	600.00	107.87	42.30	114.83	600.00	1600.00	1900.00	1919.00	2200.00
992.000	590.54	0.00	590.54	200.91	5.31	14.85	14.84	235.00	385.00	500.00	516.00	620.00
992.000	591.12	0.00	591.13	232.13	24.84	38.54	51.62	235.00	385.00	500.00	516.00	620.00
992.000	591.29	0.00	591.29	235.00	35.99	49.18	69.83	235.00	385.00	500.00	516.00	620.00
992.000	591.71	0.00	591.72	235.00	70.85	74.76	119.39	235.00	385.00	500.00	516.00	620.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1140.000	590.57	0.00	590.59	160.00	26.32	72.63	56.04	160.00	435.00	500.00	516.00	595.00
1140.000	591.15	0.00	591.17	160.00	52.74	89.96	92.30	160.00	435.00	500.00	516.00	595.00
1140.000	591.32	0.00	591.34	160.00	64.74	100.74	109.52	160.00	435.00	500.00	516.00	595.00
1140.000	591.75	0.00	591.78	160.00	99.00	128.81	157.19	160.00	435.00	500.00	516.00	595.00
1142.000	590.55	0.00	590.61	160.00	16.78	102.34	35.88	160.00	435.00	500.00	516.00	595.00
1142.000	591.13	0.00	591.19	160.00	35.95	135.84	63.21	160.00	435.00	500.00	516.00	595.00
1142.000	591.30	0.00	591.37	160.00	44.75	154.21	76.04	160.00	435.00	500.00	516.00	595.00
1142.000	591.72	0.00	591.81	160.00	70.35	202.52	112.13	160.00	435.00	500.00	516.00	595.00
1200.000	591.26	0.00	591.28	140.00	57.90	37.65	59.44	140.00	730.00	798.00	802.00	870.00
1200.000	591.38	0.00	591.42	140.00	88.71	55.34	90.95	140.00	730.00	798.00	802.00	870.00
1200.000	591.43	0.00	591.48	140.00	104.30	63.82	106.88	140.00	730.00	798.00	802.00	870.00
1200.000	591.74	0.00	591.81	140.00	149.48	82.81	152.71	140.00	730.00	798.00	802.00	870.00
1202.000	591.28	0.00	591.28	140.00	66.70	19.83	68.47	140.00	730.00	798.00	802.00	870.00
1202.000	591.42	0.00	591.43	140.00	101.89	28.68	104.43	140.00	730.00	798.00	802.00	870.00
1202.000	591.48	0.00	591.49	140.00	119.60	32.91	122.49	140.00	730.00	798.00	802.00	870.00
1202.000	591.81	0.00	591.83	140.00	169.62	42.18	173.20	140.00	730.00	798.00	802.00	870.00
1478.000	591.31	0.00	591.47	10.00	0.00	155.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1478.000	591.46	0.00	591.80	10.00	0.00	235.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1478.000	591.53	0.00	591.98	10.00	0.00	275.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1478.000	591.80	0.00	592.59	10.00	0.00	385.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1480.000	591.31	0.00	591.48	10.00	0.00	155.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1480.000	591.45	0.00	591.83	10.00	0.00	235.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1480.000	591.51	0.00	592.02	10.00	0.00	275.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1480.000	591.73	0.00	592.68	10.00	0.00	385.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1522.000	591.33	0.00	591.50	10.00	0.00	155.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1522.000	591.51	0.00	591.88	10.00	0.00	235.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1522.000	591.60	0.00	592.10	10.00	0.00	275.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1522.000	591.92	0.00	592.83	10.00	0.00	385.00	0.00	0.00	0.00	2100.00	2110.00	0.00
1524.000	591.38	0.00	591.51	16.00	0.00	155.00	0.00	16.00	500.00	500.00	516.00	516.00
1524.000	591.65	0.00	591.90	16.00	0.00	235.00	0.00	16.00	500.00	500.00	516.00	516.00
1524.000	591.81	0.00	592.12	16.00	0.00	275.00	0.00	16.00	500.00	500.00	516.00	516.00
1524.000	592.43	0.00	592.88	16.00	0.00	385.00	0.00	16.00	500.00	500.00	516.00	516.00
1628.000	591.52	0.00	591.63	16.00	0.00	155.00	0.00	16.00	500.00	500.00	516.00	516.00
1628.000	591.91	0.00	592.12	16.00	0.00	235.00	0.00	16.00	500.00	500.00	516.00	516.00
1628.000	592.12	0.00	592.39	16.00	0.00	275.00	0.00	16.00	500.00	500.00	516.00	516.00
1628.000	592.84	0.00	593.22	16.00	0.00	385.00	0.00	16.00	500.00	500.00	516.00	516.00
1630.000	591.52	0.00	591.64	12.00	0.00	155.00	0.00	0.00	0.00	94.00	106.00	0.00
1630.000	591.90	0.00	592.14	12.00	0.00	235.00	0.00	0.00	0.00	94.00	106.00	0.00
1630.000	592.11	0.00	592.41	12.00	0.00	275.00	0.00	0.00	0.00	94.00	106.00	0.00
1630.000	592.81	0.00	593.27	12.00	0.00	385.00	0.00	0.00	0.00	94.00	106.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1697.000	591.55	0.00	591.67	12.00	0.00	155.00	0.00	12.00	94.00	94.00	106.00	106.00
1697.000	591.97	0.00	592.20	12.00	0.00	235.00	0.00	12.00	94.00	94.00	106.00	106.00
1697.000	592.20	0.00	592.49	12.00	0.00	275.00	0.00	12.00	94.00	94.00	106.00	106.00
1697.000	592.98	0.00	593.44	12.00	0.00	385.00	0.00	12.00	94.00	94.00	106.00	106.00
1699.000	591.56	0.00	591.68	16.00	0.00	155.00	0.00	16.00	500.00	500.00	516.00	516.00
1699.000	592.00	0.00	592.21	16.00	0.00	235.00	0.00	16.00	500.00	500.00	516.00	516.00
1699.000	592.24	0.00	592.49	16.00	0.00	275.00	0.00	16.00	500.00	500.00	516.00	516.00
1699.000	593.12	0.00	593.46	16.00	0.00	385.00	0.00	16.00	500.00	500.00	516.00	516.00
1930.000	591.73	0.00	591.74	295.43	22.91	56.31	75.78	395.00	85.00	265.00	300.00	480.00
1930.000	592.28	0.00	592.28	308.14	39.50	76.68	118.83	395.00	85.00	265.00	300.00	480.00
1930.000	592.56	0.00	592.57	320.18	49.01	85.78	140.20	395.00	85.00	265.00	300.00	480.00
1930.000	593.52	0.00	593.53	336.32	80.40	107.38	197.22	395.00	85.00	265.00	300.00	480.00
2130.000	591.75	0.00	591.76	280.20	80.01	43.58	31.40	0.00	0.00	150.00	172.00	0.00
2130.000	592.29	0.00	592.30	287.52	120.81	57.84	56.34	0.00	0.00	150.00	172.00	0.00
2130.000	592.58	0.00	592.59	291.42	140.82	64.25	69.93	0.00	0.00	150.00	172.00	0.00
2130.000	593.54	0.00	593.54	304.36	194.12	79.62	111.26	0.00	0.00	150.00	172.00	0.00
3130.000	592.05	0.00	592.12	250.64	68.53	81.54	4.93	0.00	0.00	150.00	172.00	0.00
3130.000	592.53	0.00	592.57	268.13	118.95	85.47	30.58	0.00	0.00	150.00	172.00	0.00
3130.000	592.79	0.00	592.81	275.21	141.34	88.41	45.25	0.00	0.00	150.00	172.00	0.00
3130.000	593.65	0.00	593.66	286.92	198.04	95.63	91.34	0.00	0.00	150.00	172.00	0.00

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CLEE EAST

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	585.90	35.00	590.52	0.00	590.52	0.02	0.13	866.25	247.53
0.000	0.00	0.00	0.00	585.90	115.00	591.10	0.00	591.10	0.07	0.26	1289.69	448.20
0.000	0.00	0.00	0.00	585.90	155.00	591.26	0.00	591.26	0.09	0.32	1406.50	512.39
0.000	0.00	0.00	0.00	585.90	265.00	591.67	0.00	591.67	0.15	0.43	1705.85	693.04
92.000	92.00	0.00	0.00	585.90	35.00	590.52	0.00	590.52	0.02	0.13	836.45	242.51
92.000	92.00	0.00	0.00	585.90	115.00	591.10	0.00	591.10	0.07	0.27	1236.99	434.92
92.000	92.00	0.00	0.00	585.90	155.00	591.26	0.00	591.26	0.10	0.33	1347.56	496.37
92.000	92.00	0.00	0.00	585.90	265.00	591.67	0.00	591.67	0.16	0.45	1630.85	669.02
190.000	98.00	0.00	0.00	585.60	35.00	590.52	0.00	590.52	2.02	0.67	202.28	24.60
190.000	98.00	0.00	0.00	585.60	115.00	591.10	0.00	591.10	0.99	0.51	568.24	115.80
190.000	98.00	0.00	0.00	585.60	155.00	591.26	0.00	591.26	1.06	0.54	669.35	150.81
190.000	98.00	0.00	0.00	585.60	265.00	591.67	0.00	591.68	1.06	0.57	928.33	257.12
192.000	2.00	590.31	588.60	585.60	35.00	590.52	0.00	590.52	2.37	1.22	194.74	22.72
192.000	2.00	590.31	588.60	585.60	115.00	591.10	0.00	591.10	1.00	0.96	561.42	115.24
192.000	2.00	590.31	588.60	585.60	155.00	591.26	0.00	591.26	1.06	1.03	662.70	150.70
192.000	2.00	590.31	588.60	585.60	265.00	591.67	0.00	591.68	1.05	1.14	921.91	258.25
249.000	57.00	590.31	588.60	585.60	35.00	590.53	0.00	590.54	2.41	1.23	189.96	22.53
249.000	57.00	590.31	588.60	585.60	115.00	591.11	0.00	591.11	1.09	1.00	535.53	110.24
249.000	57.00	590.31	588.60	585.60	155.00	591.27	0.00	591.27	1.16	1.08	632.21	144.15
249.000	57.00	590.31	588.60	585.60	265.00	591.68	0.00	591.68	1.15	1.20	879.08	246.71
251.000	2.00	0.00	0.00	585.90	35.00	590.54	0.00	590.54	0.02	0.14	769.84	232.20
251.000	2.00	0.00	0.00	585.90	115.00	591.11	0.00	591.11	0.08	0.29	1114.77	403.79
251.000	2.00	0.00	0.00	585.90	155.00	591.27	0.00	591.27	0.11	0.36	1211.45	459.03
251.000	2.00	0.00	0.00	585.90	265.00	591.68	0.00	591.68	0.19	0.49	1458.29	613.24
992.000	741.00	0.00	0.00	586.70	35.00	590.54	0.00	590.54	0.22	0.36	230.51	74.58
992.000	741.00	0.00	0.00	586.70	115.00	591.12	0.00	591.13	0.75	0.77	354.33	132.60
992.000	741.00	0.00	0.00	586.70	155.00	591.29	0.00	591.29	1.03	0.93	393.28	152.57
992.000	741.00	0.00	0.00	586.70	265.00	591.71	0.00	591.72	1.60	1.25	492.31	209.53
1140.000	148.00	0.00	0.00	586.70	155.00	590.57	0.00	590.59	5.09	1.75	200.38	68.70
1140.000	148.00	0.00	0.00	586.70	235.00	591.15	0.00	591.17	3.98	1.77	293.54	117.87
1140.000	148.00	0.00	0.00	586.70	275.00	591.32	0.00	591.34	4.19	1.88	320.77	134.37
1140.000	148.00	0.00	0.00	586.70	385.00	591.75	0.00	591.78	4.58	2.13	389.48	179.93
1142.000	2.00	0.00	0.00	586.70	155.00	590.55	0.00	590.61	2.14	2.48	198.96	106.05
1142.000	2.00	0.00	0.00	586.70	235.00	591.13	0.00	591.19	1.94	2.69	290.10	168.82
1142.000	2.00	0.00	0.00	586.70	275.00	591.30	0.00	591.37	2.10	2.90	316.84	189.66
1142.000	2.00	0.00	0.00	586.70	385.00	591.72	0.00	591.81	2.43	3.38	384.32	246.79

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1200.000	58.00	590.80	590.30	586.40	155.00	591.26	0.00	591.28	1.33	2.14	309.52	134.48
1200.000	58.00	590.80	590.30	586.40	235.00	591.38	0.00	591.42	2.65	3.06	324.78	144.49
1200.000	58.00	590.80	590.30	586.40	275.00	591.43	0.00	591.48	3.38	3.49	332.32	149.54
1200.000	58.00	590.80	590.30	586.40	385.00	591.74	0.00	591.81	4.57	4.24	375.93	180.11
1202.000	2.00	0.00	0.00	586.40	155.00	591.28	0.00	591.28	1.76	1.13	309.45	116.71
1202.000	2.00	0.00	0.00	586.40	235.00	591.42	0.00	591.43	3.31	1.58	329.91	129.19
1202.000	2.00	0.00	0.00	586.40	275.00	591.48	0.00	591.49	4.16	1.78	338.91	134.85
1202.000	2.00	0.00	0.00	586.40	385.00	591.81	0.00	591.83	5.43	2.13	384.98	165.24
1478.000	276.00	0.00	0.00	586.30	155.00	591.31	0.00	591.47	15.75	3.16	49.10	39.06
1478.000	276.00	0.00	0.00	586.30	235.00	591.46	0.00	591.80	33.55	4.65	50.53	40.57
1478.000	276.00	0.00	0.00	586.30	275.00	591.53	0.00	591.98	44.36	5.37	51.21	41.29
1478.000	276.00	0.00	0.00	586.30	385.00	591.80	0.00	592.59	76.20	7.15	53.85	44.10
1480.000	2.00	597.33	593.48	586.30	155.00	591.31	0.00	591.48	6.01	3.33	46.61	63.22
1480.000	2.00	597.33	593.48	586.30	235.00	591.45	0.00	591.83	13.40	4.95	47.49	64.19
1480.000	2.00	597.33	593.48	586.30	275.00	591.51	0.00	592.02	18.13	5.75	47.86	64.58
1480.000	2.00	597.33	593.48	586.30	385.00	591.73	0.00	592.68	34.18	7.83	49.18	65.85
1522.000	42.00	597.33	593.48	586.30	155.00	591.33	0.00	591.50	5.97	3.31	46.80	63.44
1522.000	42.00	597.33	593.48	586.30	235.00	591.51	0.00	591.88	13.22	4.91	47.90	64.62
1522.000	42.00	597.33	593.48	586.30	275.00	591.60	0.00	592.10	17.82	5.68	48.42	65.15
1522.000	42.00	597.33	593.48	586.30	385.00	591.92	0.00	592.83	33.34	7.67	50.19	66.67
1524.000	2.00	0.00	0.00	586.70	155.00	591.38	0.00	591.51	12.59	2.84	54.55	43.69
1524.000	2.00	0.00	0.00	586.70	235.00	591.65	0.00	591.90	23.23	3.99	58.86	48.76
1524.000	2.00	0.00	0.00	586.70	275.00	591.81	0.00	592.12	28.23	4.48	61.36	51.76
1524.000	2.00	0.00	0.00	586.70	385.00	592.43	0.00	592.88	36.12	5.40	71.29	64.06
1628.000	104.00	0.00	0.00	586.70	155.00	591.52	0.00	591.63	11.26	2.73	56.70	46.19
1628.000	104.00	0.00	0.00	586.70	235.00	591.91	0.00	592.12	19.20	3.74	62.90	53.62
1628.000	104.00	0.00	0.00	586.70	275.00	592.12	0.00	592.39	22.62	4.15	66.31	57.82
1628.000	104.00	0.00	0.00	586.70	385.00	592.84	0.00	593.22	28.18	4.94	77.88	72.52
1630.000	2.00	598.13	592.82	586.90	155.00	591.52	0.00	591.64	5.75	2.80	55.45	64.63
1630.000	2.00	598.13	592.82	586.90	235.00	591.90	0.00	592.14	10.82	3.91	60.06	71.44
1630.000	2.00	598.13	592.82	586.90	275.00	592.11	0.00	592.41	13.37	4.39	62.59	75.22
1630.000	2.00	598.13	592.82	586.90	385.00	592.81	0.00	593.27	27.74	5.46	70.55	73.09
1697.000	67.00	598.13	592.82	586.90	155.00	591.55	0.00	591.67	4.54	2.78	55.84	72.78
1697.000	67.00	598.13	592.82	586.90	235.00	591.97	0.00	592.20	8.34	3.86	60.83	81.35
1697.000	67.00	598.13	592.82	586.90	275.00	592.20	0.00	592.49	10.21	4.33	63.55	86.07
1697.000	67.00	598.13	592.82	586.90	385.00	592.98	0.00	593.44	24.13	5.46	70.55	78.38
1699.000	2.00	0.00	0.00	586.70	155.00	591.56	0.00	591.68	10.93	2.71	57.28	46.88
1699.000	2.00	0.00	0.00	586.70	235.00	592.00	0.00	592.21	17.96	3.65	64.39	55.45
1699.000	2.00	0.00	0.00	586.70	275.00	592.24	0.00	592.49	20.83	4.03	68.26	60.25
1699.000	2.00	0.00	0.00	586.70	385.00	593.12	0.00	593.46	24.15	4.68	82.32	78.34

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
1930.000	231.00	0.00	0.00	587.50	155.00	591.73	0.00	591.74	0.91	0.70	450.46	162.21
1930.000	231.00	0.00	0.00	587.50	235.00	592.28	0.00	592.28	0.85	0.77	611.55	255.54
1930.000	231.00	0.00	0.00	587.50	275.00	592.56	0.00	592.57	0.77	0.78	702.29	314.03
1930.000	231.00	0.00	0.00	587.50	385.00	593.52	0.00	593.53	0.49	0.75	1020.22	548.22
2130.000	200.00	0.00	0.00	588.70	155.00	591.75	0.00	591.76	1.21	0.83	418.93	140.94
2130.000	200.00	0.00	0.00	588.70	235.00	592.29	0.00	592.30	1.08	0.90	572.12	225.98
2130.000	200.00	0.00	0.00	588.70	275.00	592.58	0.00	592.59	0.98	0.91	655.21	278.16
2130.000	200.00	0.00	0.00	588.70	385.00	593.54	0.00	593.54	0.63	0.87	939.43	484.29
3130.000	1000.00	0.00	0.00	590.10	155.00	592.05	0.00	592.12	33.69	2.89	121.40	26.71
3130.000	1000.00	0.00	0.00	590.10	235.00	592.53	0.00	592.57	12.63	2.19	248.20	66.12
3130.000	1000.00	0.00	0.00	590.10	275.00	592.79	0.00	592.81	8.68	1.98	316.77	93.34
3130.000	1000.00	0.00	0.00	590.10	385.00	593.65	0.00	593.66	3.11	1.51	559.26	218.26

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CLEE EAST

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	35.00	590.52	0.00	0.00	0.00	730.06	0.00
0.000	115.00	591.10	0.58	0.00	0.00	730.09	0.00
0.000	155.00	591.26	0.16	0.00	0.00	730.09	0.00
0.000	265.00	591.67	0.41	0.00	0.00	730.11	0.00
92.000	35.00	590.52	0.00	0.00	0.00	690.06	92.00
92.000	115.00	591.10	0.58	0.00	0.00	690.09	92.00
92.000	155.00	591.26	0.16	0.00	0.00	690.09	92.00
92.000	265.00	591.67	0.41	0.00	0.00	690.11	92.00
190.000	35.00	590.52	0.00	0.00	0.00	630.00	98.00
190.000	115.00	591.10	0.58	0.00	0.00	630.00	98.00
190.000	155.00	591.26	0.16	0.00	0.00	630.00	98.00
190.000	265.00	591.67	0.41	0.00	0.00	630.00	98.00
192.000	35.00	590.52	0.00	0.00	0.00	630.00	2.00
192.000	115.00	591.10	0.58	0.00	0.00	630.00	2.00
192.000	155.00	591.26	0.16	0.00	0.00	630.00	2.00
192.000	265.00	591.67	0.41	0.00	0.00	630.00	2.00
249.000	35.00	590.53	0.00	0.01	0.00	600.00	57.00
249.000	115.00	591.11	0.58	0.01	0.00	600.00	57.00
249.000	155.00	591.27	0.16	0.01	0.00	600.00	57.00
249.000	265.00	591.68	0.41	0.01	0.00	600.00	57.00
251.000	35.00	590.54	0.00	0.01	0.00	600.00	2.00
251.000	115.00	591.11	0.57	0.00	0.00	600.00	2.00
251.000	155.00	591.27	0.16	0.00	0.00	600.00	2.00
251.000	265.00	591.68	0.41	0.00	0.00	600.00	2.00
992.000	35.00	590.54	0.00	0.00	0.00	200.91	741.00
992.000	115.00	591.12	0.58	0.01	0.00	232.13	741.00
992.000	155.00	591.29	0.17	0.02	0.00	235.00	741.00
992.000	265.00	591.71	0.42	0.03	0.00	235.00	741.00
1140.000	155.00	590.57	0.00	0.03	0.00	160.00	148.00
1140.000	235.00	591.15	0.58	0.03	0.00	160.00	148.00
1140.000	275.00	591.32	0.17	0.03	0.00	160.00	148.00
1140.000	385.00	591.75	0.43	0.04	0.00	160.00	148.00
1142.000	155.00	590.55	0.00	-0.02	0.00	160.00	2.00
1142.000	235.00	591.13	0.58	-0.02	0.00	160.00	2.00
1142.000	275.00	591.30	0.17	-0.02	0.00	160.00	2.00
1142.000	385.00	591.72	0.42	-0.03	0.00	160.00	2.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1200.000	155.00	591.26	0.00	0.71	0.00	140.00	58.00
1200.000	235.00	591.38	0.12	0.25	0.00	140.00	58.00
1200.000	275.00	591.43	0.05	0.14	0.00	140.00	58.00
1200.000	385.00	591.74	0.31	0.03	0.00	140.00	58.00
1202.000	155.00	591.28	0.00	0.02	0.00	140.00	2.00
1202.000	235.00	591.42	0.14	0.04	0.00	140.00	2.00
1202.000	275.00	591.48	0.06	0.05	0.00	140.00	2.00
1202.000	385.00	591.81	0.33	0.06	0.00	140.00	2.00
1478.000	155.00	591.31	0.00	0.03	0.00	10.00	276.00
1478.000	235.00	591.46	0.15	0.05	0.00	10.00	276.00
1478.000	275.00	591.53	0.07	0.05	0.00	10.00	276.00
1478.000	385.00	591.80	0.26	-0.01	0.00	10.00	276.00
1480.000	155.00	591.31	0.00	-0.01	0.00	10.00	2.00
1480.000	235.00	591.45	0.14	-0.02	0.00	10.00	2.00
1480.000	275.00	591.51	0.06	-0.03	0.00	10.00	2.00
1480.000	385.00	591.73	0.22	-0.07	0.00	10.00	2.00
1522.000	155.00	591.33	0.00	0.03	0.00	10.00	42.00
1522.000	235.00	591.51	0.18	0.06	0.00	10.00	42.00
1522.000	275.00	591.60	0.09	0.09	0.00	10.00	42.00
1522.000	385.00	591.92	0.32	0.19	0.00	10.00	42.00
1524.000	155.00	591.38	0.00	0.05	0.00	16.00	2.00
1524.000	235.00	591.65	0.27	0.14	0.00	16.00	2.00
1524.000	275.00	591.81	0.15	0.21	0.00	16.00	2.00
1524.000	385.00	592.43	0.62	0.51	0.00	16.00	2.00
1628.000	155.00	591.52	0.00	0.13	0.00	16.00	104.00
1628.000	235.00	591.91	0.39	0.25	0.00	16.00	104.00
1628.000	275.00	592.12	0.21	0.31	0.00	16.00	104.00
1628.000	385.00	592.84	0.72	0.41	0.00	16.00	104.00
1630.000	155.00	591.52	0.00	0.00	0.00	12.00	2.00
1630.000	235.00	591.90	0.38	-0.01	0.00	12.00	2.00
1630.000	275.00	592.11	0.21	-0.01	0.00	12.00	2.00
1630.000	385.00	592.81	0.70	-0.04	0.00	12.00	2.00
1697.000	155.00	591.55	0.00	0.04	0.00	12.00	67.00
1697.000	235.00	591.97	0.42	0.07	0.00	12.00	67.00
1697.000	275.00	592.20	0.23	0.09	0.00	12.00	67.00
1697.000	385.00	592.98	0.78	0.17	0.00	12.00	67.00
1699.000	155.00	591.56	0.00	0.01	0.00	16.00	2.00
1699.000	235.00	592.00	0.44	0.03	0.00	16.00	2.00
1699.000	275.00	592.24	0.24	0.05	0.00	16.00	2.00
1699.000	385.00	593.12	0.88	0.14	0.00	16.00	2.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1930.000	155.00	591.73	0.00	0.17	0.00	295.43	231.00
1930.000	235.00	592.28	0.54	0.28	0.00	308.14	231.00
1930.000	275.00	592.56	0.29	0.32	0.00	320.18	231.00
1930.000	385.00	593.52	0.96	0.40	0.00	336.32	231.00
2130.000	155.00	591.75	0.00	0.02	0.00	280.20	200.00
2130.000	235.00	592.29	0.54	0.02	0.00	287.52	200.00
2130.000	275.00	592.58	0.29	0.02	0.00	291.42	200.00
2130.000	385.00	593.54	0.95	0.01	0.00	304.36	200.00
3130.000	155.00	592.05	0.00	0.29	0.00	250.64	1000.00
3130.000	235.00	592.53	0.49	0.24	0.00	268.13	1000.00
3130.000	275.00	592.79	0.25	0.21	0.00	275.21	1000.00
3130.000	385.00	593.65	0.86	0.11	0.00	286.92	1000.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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FLOOD INSURANCE ZONE DATA FOR CLEE EAST

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
0.000	0.	-0.74	-0.16	0.41
92.000	92.	-0.74	-0.16	0.41
190.000	190.	-0.74	-0.16	0.41
192.000	192.	-0.74	-0.16	0.41
249.000	249.	-0.74	-0.16	0.41
251.000	251.	-0.73	-0.16	0.41
992.000	992.	-0.75	-0.17	0.42
1140.000	1140.	-0.75	-0.17	0.43
1142.000	1142.	-0.75	-0.17	0.42
1200.000	1200.	-0.17	-0.05	0.31
1202.000	1202.	-0.20	-0.06	0.33
1478.000	1478.	-0.22	-0.07	0.26
1480.000	1480.	-0.20	-0.06	0.22
1522.000	1522.	-0.26	-0.09	0.32
1524.000	1524.	-0.42	-0.15	0.62
1628.000	1628.	-0.60	-0.21	0.72
1630.000	1630.	-0.59	-0.21	0.70
1697.000	1697.	-0.64	-0.23	0.78
1699.000	1699.	-0.68	-0.24	0.38
1930.000	1930.	-0.83	-0.29	0.96
2130.000	2130.	-0.83	-0.29	0.95
3130.000	3130.	-0.74	-0.25	0.86
WEIGHTED AVG FOR REACH		-0.69	-0.20	0.65

FHF FOR THE REACH = 005 WITH 100.0 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 1

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THIS RUN EXECUTED 1 MAR 84 15:25:58

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

C
T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 10 YEAR FREQUENCY FLOOD
T3 CLEE EAST

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	590.520	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

	110.000	150.000	201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.300	0.500	0.000	0.000	0.000	0.000	0.000
QT	4.000	35.000	115.000	155.000	265.000	0.000	0.000	0.000	0.000	0.000
	100 FT DOWNSTREAM OF HAYDEN RD									
X1	0.000	21.000	1900.000	1919.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1470.000	0.000	2201.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	590.000	1.000	590.000	1300.000	589.400	1800.000	589.100	1825.000
GR	589.100	1850.000	589.300	1875.000	589.100	1900.000	586.500	1906.000	586.300	1907.000
GR	585.900	1909.000	586.000	1911.000	586.300	1912.000	588.500	1919.000	589.100	1934.000
GR	589.000	1944.000	589.100	1969.000	589.200	1994.000	589.300	2019.000	589.300	2200.000
GR	610.000	2201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	92.000	0.000	0.000	0.000	92.000	92.000	92.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1510.000	0.000	2201.000	0.000	0.000	0.000	0.000
X1	190.000	13.000	1900.000	1903.000	98.000	98.000	98.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1570.000	0.000	2200.000	0.000	0.000	0.000	0.000
GR	610.000	0.000	590.130	1.000	590.130	1800.000	590.310	1900.000	587.100	1900.000
GR	586.350	1900.750	585.600	1901.500	586.350	1902.250	587.100	1903.000	590.310	1903.000
GR	590.280	2000.000	590.280	2200.000	610.000	2201.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.011	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	CULVERT AT HAYDEN RD-SEC 1									
X1	192.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	1570.000	0.000	2200.000	0.000	0.000	0.000	0.000
BT	-5.000	1900.000	590.310	587.100	1900.750	590.310	587.850	1901.500	590.310	588.600
BT	0.000	1902.250	590.310	587.850	1903.000	590.310	587.100	0.000	0.000	0.000

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CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	WEIGHTED AVG DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
137	13200.	-1.09	-0.35	1.22

FHF FOR REACH 1 = 010 WITH 80. PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

181	18100.	-2.19	-0.84	1.45

FHF FOR REACH 2 = 020 WITH 100. PERCENT OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 4

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147	14700.	597.09	599.63	-2.54	-1.17	010	74.
148	14800.	597.13	599.63	-2.50	-1.18	010	74.
149	14900.	597.18	599.63	-2.45	-1.19	010	73.
150	15000.	597.22	599.64	-2.42	-1.20	010	73.
	15100.				SEC. 15100.000		
151	15100.	597.26	599.64	-2.38	-1.21	010	72.
152	15200.	597.30	599.65	-2.35	-1.21	010	71.
153	15300.	597.35	599.66	-2.31	-1.22	010	70.
154	15400.	597.40	599.67	-2.27	-1.23	010	69.
155	15500.	597.44	599.68	-2.24	-1.23	010	69.
156	15600.	597.49	599.69	-2.20	-1.24	010	69.
157	15700.	597.54	599.70	-2.16	-1.25	010	68.
	15786.				SEC. 15786.000		
158	15800.	597.59	599.71	-2.12	-1.25	010	68.
159	15900.	597.64	599.74	-2.10	-1.26	015	66.
160	16000.	597.69	599.79	-2.10	-1.26	015	66.
161	16100.	597.74	599.83	-2.09	-1.27	015	65.
162	16200.	597.79	599.88	-2.09	-1.27	015	65.
163	16300.	597.84	599.93	-2.09	-1.28	015	65.
164	16400.	597.90	599.97	-2.07	-1.28	015	65.
165	16500.	597.95	600.02	-2.07	-1.29	015	64.
166	16600.	598.00	600.07	-2.07	-1.29	015	63.
167	16700.	598.05	600.11	-2.06	-1.30	015	62.
168	16800.	598.10	600.16	-2.06	-1.30	015	62.
	16886.				SEC. 16886.000		
169	16900.	598.15	600.21	-2.06	-1.30	015	62.
170	17000.	598.21	600.26	-2.05	-1.31	015	62.
171	17100.	598.27	600.31	-2.04	-1.31	015	61.
172	17200.	598.32	600.36	-2.04	-1.32	015	62.
173	17300.	598.38	600.41	-2.03	-1.32	015	61.
174	17400.	598.44	600.47	-2.03	-1.33	015	60.
175	17500.	598.50	600.52	-2.02	-1.33	015	60.
176	17600.	598.56	600.57	-2.01	-1.33	015	60.
177	17700.	598.61	600.62	-2.01	-1.34	015	59.
	17703.				SEC. 17703.000		
	17741.				SEC. 17741.000		
178	17800.	598.69	600.73	-2.04	-1.34	015	58.
	17833.				SEC. 17833.000		
	17844.				SEC. 17844.000		
179	17900.	598.90	601.01	-2.11	-1.35	015	59.
180	18000.	599.22	601.31	-2.09	-1.35	015	58.
181	18100.	599.53	601.51	-1.98	-1.35	015	58.
	18144.				SEC. 18144.000		

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE 202 137 181
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

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109	10900.	594.19	596.15	-1.96	-1.06	010	74.
	10903.				SEC.	10903.000	
	10918.				SEC.	10918.000	
	10933.				SEC.	10933.000	
	10957.				SEC.	10957.000	
	10966.				SEC.	10966.000	
110	11000.	594.64	596.16	-1.52	-1.07	010	75.
111	11100.	595.08	596.17	-1.09	-1.07	010	75.
112	11200.	595.09	596.16	-1.07	-1.07	010	75.
113	11300.	595.09	596.16	-1.07	-1.07	010	75.
114	11400.	595.09	596.16	-1.07	-1.07	010	75.
115	11500.	595.09	596.16	-1.07	-1.07	010	76.
116	11600.	595.09	596.16	-1.07	-1.07	010	76.
117	11700.	595.10	596.16	-1.06	-1.07	010	76.
118	11800.	595.10	596.16	-1.06	-1.07	010	76.
119	11900.	595.10	596.16	-1.06	-1.07	010	76.
	11921.				SEC.	11921.000	
120	12000.	595.12	596.18	-1.06	-1.07	010	77.
121	12100.	595.16	596.24	-1.08	-1.07	010	77.
122	12200.	595.21	596.30	-1.09	-1.07	010	77.
123	12300.	595.26	596.36	-1.10	-1.07	010	77.
124	12400.	595.31	596.42	-1.11	-1.07	010	77.
125	12500.	595.36	596.48	-1.12	-1.07	010	78.
126	12600.	595.40	596.54	-1.14	-1.07	010	78.
127	12700.	595.45	596.61	-1.16	-1.07	010	78.
	12721.				SEC.	12721.000	
128	12800.	595.51	596.68	-1.17	-1.07	010	78.
129	12900.	595.57	596.76	-1.19	-1.07	010	78.
130	13000.	595.64	596.85	-1.21	-1.07	010	78.
131	13100.	595.71	596.94	-1.23	-1.07	010	79.
132	13200.	595.78	597.03	-1.25	-1.08	010	79.
133	13300.	595.84	597.12	-1.28	-1.08	010	79.
134	13400.	595.91	597.21	-1.30	-1.08	010	79.
135	13500.	595.98	597.29	-1.31	-1.08	010	79.
136	13600.	596.05	597.38	-1.33	-1.08	010	79.
	13641.				SEC.	13641.000	
	13683.				SEC.	13683.000	
137	13700.	596.11	597.56	-1.45	-1.09	010	80.
	13759.				SEC.	13759.000	
	13771.				SEC.	13771.000	
138	13800.	596.23	598.14	-1.91	-1.09	010	80.
	13883.				SEC.	13883.000	
139	13900.	596.34	598.63	-2.29	-1.10	010	79.
140	14000.	596.40	598.68	-2.28	-1.11	010	78.
141	14100.	596.45	598.70	-2.25	-1.12	010	78.
	14175.				SEC.	14175.000	
142	14200.	596.50	598.72	-2.22	-1.12	010	77.
	14237.				SEC.	14237.000	
143	14300.	596.67	599.03	-2.36	-1.13	010	76.
	14329.				SEC.	14329.000	
	14346.				SEC.	14346.000	
144	14400.	596.91	599.47	-2.56	-1.14	010	76.
145	14500.	597.01	599.62	-2.61	-1.15	010	75.
146	14600.	597.05	599.62	-2.57	-1.16	010	75.

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68	6800.	592.39	593.51	-1.12	-0.80	C10	100.
69	6900.	592.41	593.53	-1.12	-0.80	C10	100.
	6967.				SEC.	6967.000	
70	7000.	592.43	593.55	-1.12	-0.81	C10	100.
71	7100.	592.45	593.57	-1.12	-0.81	C10	100.
72	7200.	592.47	593.59	-1.12	-0.82	C10	100.
73	7300.	592.49	593.61	-1.12	-0.82	C10	100.
74	7400.	592.50	593.63	-1.13	-0.83	C10	100.
75	7500.	592.52	593.64	-1.12	-0.83	C10	100.
76	7600.	592.54	593.66	-1.12	-0.83	C10	100.
77	7700.	592.56	593.68	-1.12	-0.84	C10	100.
78	7800.	592.58	593.70	-1.12	-0.84	C10	100.
	7894.				SEC.	7894.000	
79	7900.	592.60	593.71	-1.11	-0.84	C10	100.
	7965.				SEC.	7965.000	
80	8000.	592.63	593.77	-1.14	-0.85	C10	100.
81	8100.	592.68	593.90	-1.22	-0.85	C10	100.
	8160.				SEC.	8160.000	
82	8200.	592.78	594.18	-1.40	-0.86	C10	99.
	8240.				SEC.	8240.000	
83	8300.	592.92	594.59	-1.67	-0.87	C10	98.
	8320.				SEC.	8320.000	
	8332.				SEC.	8332.000	
84	8400.	593.03	594.85	-1.82	-0.88	C10	96.
	8444.				SEC.	3444.000	
85	8500.	593.10	594.98	-1.88	-0.89	C10	95.
86	8600.	593.15	595.03	-1.88	-0.90	C10	95.
87	8700.	593.20	595.05	-1.85	-0.91	C10	94.
88	8800.	593.25	595.06	-1.81	-0.92	C10	93.
89	8900.	593.29	595.07	-1.78	-0.93	C10	92.
90	9000.	593.34	595.09	-1.75	-0.94	C10	91.
91	9100.	593.38	595.10	-1.72	-0.95	C10	90.
92	9200.	593.43	595.12	-1.69	-0.96	C10	89.
93	9300.	593.48	595.13	-1.65	-0.97	C10	88.
94	9400.	593.52	595.14	-1.62	-0.97	C10	87.
95	9500.	593.57	595.16	-1.59	-0.98	C10	82.
96	9600.	593.62	595.17	-1.55	-0.99	C10	77.
	9674.				SEC.	9674.000	
97	9700.	593.66	595.18	-1.52	-0.99	C10	76.
98	9800.	593.70	595.21	-1.51	-1.00	C10	74.
99	9900.	593.74	595.23	-1.49	-1.00	C10	75.
100	10000.	593.78	595.26	-1.48	-1.01	C10	76.
101	10100.	593.82	595.29	-1.47	-1.01	C10	76.
102	10200.	593.86	595.32	-1.46	-1.02	C10	77.
103	10300.	593.90	595.34	-1.44	-1.02	C10	78.
104	10400.	593.94	595.37	-1.43	-1.02	C10	78.
	10403.				SEC.	10403.000	
	10433.				SEC.	10433.000	
105	10500.	593.97	595.60	-1.63	-1.03	C10	77.
	10515.				SEC.	10515.000	
106	10600.	594.01	595.90	-1.89	-1.04	C10	76.
107	10700.	594.10	596.04	-1.94	-1.05	C10	77.
	10744.				SEC.	10744.000	
108	10800.	594.16	596.12	-1.96	-1.06	C10	75.

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25	2500.	589.95	590.84	-0.89	-0.88	010	100.
26	2600.	589.95	590.85	-0.90	-0.88	010	100.
27	2700.	589.96	590.85	-0.89	-0.88	010	100.
28	2800.	589.97	590.86	-0.89	-0.88	010	100.
29	2900.	589.98	590.86	-0.88	-0.88	010	100.
30	3000.	589.98	590.87	-0.89	-0.88	010	100.
31	3100.	589.99	590.87	-0.88	-0.88	010	100.
32	3200.	590.00	590.88	-0.88	-0.88	010	100.
33	3300.	590.01	590.88	-0.87	-0.88	010	100.
34	3400.	590.01	590.89	-0.88	-0.88	010	100.
35	3500.	590.02	590.89	-0.87	-0.88	010	100.
36	3600.	590.03	590.90	-0.87	-0.88	010	100.
37	3700.	590.04	590.90	-0.86	-0.88	010	100.
38	3800.	590.04	590.91	-0.87	-0.88	010	100.
	3883.				SEC.	3883.000	
39	3900.	590.06	590.92	-0.86	-0.88	010	100.
40	4000.	590.10	590.95	-0.85	-0.88	010	100.
41	4100.	590.18	591.01	-0.83	-0.88	010	100.
42	4200.	590.25	591.07	-0.82	-0.87	010	100.
43	4300.	590.33	591.12	-0.79	-0.87	010	100.
44	4400.	590.40	591.18	-0.78	-0.87	010	100.
45	4500.	590.48	591.23	-0.75	-0.87	010	100.
46	4600.	590.55	591.29	-0.74	-0.87	010	100.
47	4700.	590.63	591.34	-0.71	-0.86	010	100.
48	4800.	590.70	591.40	-0.70	-0.86	010	100.
49	4900.	590.78	591.46	-0.68	-0.85	010	100.
50	5000.	590.85	591.51	-0.66	-0.85	010	100.
51	5100.	590.93	591.57	-0.64	-0.85	010	100.
52	5200.	591.00	591.62	-0.62	-0.84	010	100.
	5233.				SEC.	5233.000	
	5283.				SEC.	5283.000	
53	5300.	591.07	591.67	-0.60	-0.84	010	100.
	5317.				SEC.	5317.000	
54	5400.	591.22	591.77	-0.55	-0.83	010	100.
	5417.				SEC.	5417.000	
55	5500.	591.41	591.89	-0.48	-0.83	010	100.
56	5600.	591.49	591.96	-0.47	-0.82	010	100.
57	5700.	591.56	592.03	-0.47	-0.81	010	100.
58	5800.	591.63	592.10	-0.47	-0.81	010	100.
59	5900.	591.70	592.17	-0.47	-0.80	010	100.
60	6000.	591.76	592.24	-0.48	-0.80	010	100.
61	6100.	591.83	592.31	-0.48	-0.79	010	100.
62	6200.	591.90	592.38	-0.48	-0.79	010	100.
	6255.				SEC.	6255.000	
63	6300.	591.96	592.45	-0.49	-0.78	010	100.
	6305.				SEC.	6305.000	
	6365.				SEC.	6365.000	
	6366.				SEC.	6366.000	
64	6400.	592.13	592.88	-0.75	-0.78	010	100.
	6405.				SEC.	6405.000	
	6417.				SEC.	6417.000	
65	6500.	592.30	593.36	-1.06	-0.79	010	100.
66	6600.	592.35	593.46	-1.11	-0.79	010	100.
67	6700.	592.37	593.49	-1.12	-0.80	010	100.

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FLOOD INSURANCE ZONE DATA FOR BROWNSTOWN CREEK

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
0.000	0.	-0.70	-0.10	0.50
44.000	44.	-0.70	-0.10	0.50
123.000	123.	-0.46	-0.02	0.00
183.000	183.	-0.90	-0.16	0.42
2483.000	2483.	-0.89	-0.17	0.43
3883.000	3883.	-0.86	-0.17	0.42
5233.000	5233.	-0.60	-0.16	0.39
5283.000	5283.	-0.60	-0.16	0.40
5317.000	5317.	-0.59	-0.15	0.41
5417.000	5417.	-0.47	-0.12	0.47
6255.000	6255.	-0.48	-0.17	0.45
6305.000	6305.	-0.49	-0.17	0.47
6365.000	6365.	-0.84	-0.36	1.32
6366.000	6366.	-0.93	-0.40	1.39
6405.000	6405.	-1.03	-0.46	1.69
6417.000	6417.	-1.11	-0.50	1.78
6967.000	6967.	-1.13	-0.50	1.76
7894.000	7894.	-1.12	-0.50	1.70
7965.000	7965.	-1.14	-0.51	1.71
8160.000	8160.	-1.32	-0.60	1.94
8240.000	8240.	-1.79	-0.83	2.50
8320.000	8320.	-1.77	-0.32	2.55
8332.000	8332.	-1.77	-0.83	2.74
8444.000	8444.	-1.91	-0.91	2.51
9674.000	9674.	-1.51	-0.75	2.39
10403.000	10403.	-1.43	-0.68	2.26
10433.000	10433.	-1.43	-0.68	2.49
10515.000	10515.	-1.93	-0.91	2.07
10744.000	10744.	-1.96	-0.97	1.83
10903.000	10903.	-1.95	-0.96	1.83
10918.000	10918.	-1.95	-0.96	1.83
10933.000	10933.	-1.96	-0.97	1.82
10957.000	10957.	-1.75	-0.10	1.82
10966.000	10966.	-1.08	-0.11	1.81
11921.000	11921.	-1.05	-0.10	1.83
12721.000	12721.	-1.16	-0.27	1.43
13641.000	13641.	-1.35	-0.46	1.16
13683.000	13683.	-1.37	-0.47	1.19
13759.000	13759.	-2.17	-0.89	1.35
13771.000	13771.	-2.27	-0.97	1.01
13883.000	13883.	-2.30	-1.00	1.13
14175.000	14175.	-2.21	-0.92	1.11
14237.000	14237.	-2.20	-0.92	1.11
14329.000	14329.	-2.64	-0.99	1.81

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14346.000	14346.	-2.65	-0.97	1.80
15100.000	15100.	-2.36	-0.93	1.79
15786.000	15786.	-2.11	-0.83	1.74
16886.000	16886.	-2.05	-0.83	1.18
17703.000	17703.	-2.01	-0.83	1.33
17741.000	17741.	-2.01	-0.83	1.33
17833.000	17833.	-2.10	-0.22	1.13
17844.000	17844.	-2.20	-0.40	1.06
18144.000	18144.	-1.88	-0.34	0.75
WEIGHTED AVG FOR REACH		-1.36	-0.47	1.27

FHF FOR THE REACH = 015 WITH 58.8 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 3

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA 10	1	DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
	0.				SEC.		0.000
	44.				SEC.		44.000
1	100.	588.28	588.90	-0.62	-0.62	005	100.
	123.				SEC.		123.000
	183.				SEC.		183.000
2	200.	589.34	590.05	-0.71	-0.67	005	100.
3	300.	589.81	590.71	-0.90	-0.74	005	100.
4	400.	589.82	590.72	-0.90	-0.78	010	100.
5	500.	589.83	590.72	-0.89	-0.80	010	100.
6	600.	589.83	590.73	-0.90	-0.82	010	100.
7	700.	589.84	590.74	-0.90	-0.83	010	100.
8	800.	589.84	590.74	-0.90	-0.84	010	100.
9	900.	589.85	590.75	-0.90	-0.85	010	100.
10	1000.	589.86	590.75	-0.89	-0.85	010	100.
11	1100.	589.86	590.76	-0.90	-0.86	010	100.
12	1200.	589.87	590.77	-0.90	-0.86	010	100.
13	1300.	589.87	590.77	-0.90	-0.86	010	100.
14	1400.	589.88	590.78	-0.90	-0.86	010	100.
15	1500.	589.89	590.78	-0.89	-0.87	010	100.
16	1600.	589.89	590.79	-0.90	-0.87	010	100.
17	1700.	589.90	590.79	-0.89	-0.87	010	100.
18	1800.	589.90	590.80	-0.90	-0.87	010	100.
19	1900.	589.91	590.81	-0.90	-0.87	010	100.
20	2000.	589.92	590.81	-0.89	-0.87	010	100.
21	2100.	589.92	590.82	-0.90	-0.88	010	100.
22	2200.	589.93	590.82	-0.89	-0.88	010	100.
23	2300.	589.93	590.83	-0.90	-0.88	010	100.
24	2400.	589.94	590.83	-0.89	-0.88	010	100.
	2483.				SEC.		2483.000

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SUMMARY OF ERRORS AND SPECIAL NOTES

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
17741.000	151.00	598.67	0.00	0.02	0.00	8.93	38.00
17741.000	236.00	599.85	1.18	0.03	0.00	8.97	38.00
17741.000	317.00	600.68	0.83	0.03	0.00	108.46	38.00
17741.000	573.00	602.01	1.33	0.03	0.00	289.55	38.00
17833.000	151.00	598.78	0.00	0.11	0.00	8.94	92.00
17833.000	236.00	600.67	1.89	0.82	0.00	106.89	92.00
17833.000	317.00	600.88	0.22	0.20	0.00	144.25	92.00
17833.000	573.00	602.01	1.13	0.00	0.00	290.43	92.00
17844.000	151.00	598.90	0.00	0.12	0.00	9.00	11.00
17844.000	236.00	600.71	1.81	0.04	0.00	114.50	11.00
17844.000	317.00	601.10	0.40	0.22	0.00	191.56	11.00
17844.000	573.00	602.17	1.06	0.16	0.00	306.80	11.00
18144.000	151.00	599.81	0.00	0.91	0.00	16.09	300.00
18144.000	236.00	601.35	1.53	0.64	0.00	172.25	300.00
18144.000	317.00	601.69	0.34	0.58	0.00	218.76	300.00
18144.000	573.00	602.44	0.75	0.27	0.00	247.28	300.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
13771.000	151.00	596.30	0.00	0.13	0.00	23.43	12.00
13771.000	236.00	597.60	1.30	0.14	0.00	27.31	12.00
13771.000	317.00	598.57	0.97	0.22	0.00	29.00	12.00
13771.000	573.00	599.57	1.01	-0.12	0.00	29.00	12.00
13883.000	151.00	596.36	0.00	0.07	0.00	23.66	112.00
13883.000	236.00	597.66	1.30	0.06	0.00	114.54	112.00
13883.000	317.00	598.66	1.00	0.09	0.00	255.41	112.00
13883.000	573.00	599.79	1.13	0.22	0.00	300.00	112.00
14175.000	151.00	596.52	0.00	0.15	0.00	24.12	292.00
14175.000	236.00	597.80	1.28	0.14	0.00	573.49	292.00
14175.000	317.00	598.72	0.92	0.06	0.00	692.14	292.00
14175.000	573.00	599.84	1.11	0.04	0.00	730.00	292.00
14237.000	151.00	596.53	0.00	0.01	0.00	16.98	62.00
14237.000	236.00	597.81	1.28	0.01	0.00	581.71	62.00
14237.000	317.00	598.73	0.92	0.00	0.00	740.00	62.00
14237.000	573.00	599.84	1.11	0.00	0.00	740.00	62.00
14329.000	151.00	596.96	0.00	0.44	0.00	16.99	92.00
14329.000	236.00	598.61	1.65	0.80	0.00	626.54	92.00
14329.000	317.00	599.60	0.99	0.88	0.00	690.00	92.00
14329.000	573.00	601.41	1.81	1.57	0.00	690.00	92.00
14346.000	151.00	596.97	0.00	0.01	0.00	25.42	17.00
14346.000	236.00	598.65	1.68	0.03	0.00	603.02	17.00
14346.000	317.00	599.62	0.97	0.01	0.00	690.00	17.00
14346.000	573.00	601.42	1.80	0.01	0.00	690.00	17.00
15100.000	151.00	597.28	0.00	0.31	0.00	24.97	754.00
15100.000	236.00	598.71	1.43	0.06	0.00	247.57	754.00
15100.000	317.00	599.64	0.93	0.02	0.00	340.00	754.00
15100.000	573.00	601.43	1.79	0.01	0.00	340.00	754.00
15786.000	151.00	597.60	0.00	0.33	0.00	25.05	686.00
15786.000	236.00	598.88	1.27	0.17	0.00	28.96	686.00
15786.000	317.00	599.71	0.83	0.07	0.00	39.64	686.00
15786.000	573.00	601.45	1.74	0.02	0.00	5943.62	686.00
16886.000	151.00	598.17	0.00	0.57	0.00	24.71	1100.00
16886.000	236.00	599.39	1.22	0.52	0.00	28.59	1100.00
16886.000	317.00	600.22	0.83	0.51	0.00	42.30	1100.00
16886.000	573.00	601.41	1.18	-0.05	0.00	81.00	1100.00
17703.000	151.00	598.64	0.00	0.47	0.00	26.18	817.00
17703.000	236.00	599.82	1.18	0.43	0.00	29.95	817.00
17703.000	317.00	600.65	0.83	0.43	0.00	31.00	817.00
17703.000	573.00	601.98	1.33	0.58	0.00	31.00	817.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
10903.000	151.00	594.19	0.00	0.01	0.00	91.07	159.00
10903.000	236.00	595.19	0.99	0.01	0.00	186.35	159.00
10903.000	317.00	596.15	0.96	0.00	0.00	800.00	159.00
10903.000	573.00	597.98	1.83	0.00	0.00	800.00	159.00
10918.000	151.00	594.20	0.00	0.00	0.00	91.23	15.00
10918.000	236.00	595.19	0.99	0.00	0.00	185.83	15.00
10918.000	317.00	596.15	0.96	0.00	0.00	800.00	15.00
10918.000	573.00	597.98	1.83	0.00	0.00	800.00	15.00
10933.000	151.00	594.20	0.00	0.00	0.00	6.90	15.00
10933.000	236.00	595.19	0.99	0.00	0.00	613.26	15.00
10933.000	317.00	596.16	0.97	0.01	0.00	694.17	15.00
10933.000	573.00	597.98	1.82	0.00	0.00	800.00	15.00
10957.000	151.00	594.41	0.00	0.21	0.00	6.91	24.00
10957.000	236.00	596.06	1.65	0.87	0.00	675.83	24.00
10957.000	317.00	596.16	0.10	0.01	0.00	697.79	24.00
10957.000	573.00	597.98	1.82	0.00	0.00	800.00	24.00
10966.000	151.00	595.08	0.00	0.67	0.00	725.49	9.00
10966.000	236.00	596.06	0.98	0.00	0.00	800.00	9.00
10966.000	317.00	596.17	0.11	0.00	0.00	800.00	9.00
10966.000	573.00	597.98	1.81	0.00	0.00	800.00	9.00
11921.000	151.00	595.10	0.00	0.02	0.00	54.51	955.00
11921.000	236.00	596.06	0.95	0.00	0.00	72.32	955.00
11921.000	317.00	596.16	0.10	-0.01	0.00	74.18	955.00
11921.000	573.00	597.99	1.83	0.01	0.00	500.00	955.00
12721.000	151.00	595.49	0.00	0.38	0.00	33.66	800.00
12721.000	236.00	596.38	0.89	0.32	0.00	76.32	800.00
12721.000	317.00	596.65	0.27	0.49	0.00	100.49	800.00
12721.000	573.00	598.08	1.43	0.09	0.00	443.16	800.00
13641.000	151.00	596.11	0.00	0.62	0.00	22.87	920.00
13641.000	236.00	597.00	0.89	0.62	0.00	25.53	920.00
13641.000	317.00	597.46	0.46	0.81	0.00	26.90	920.00
13641.000	573.00	598.63	1.16	0.55	0.00	29.00	920.00
13683.000	151.00	596.13	0.00	0.02	0.00	9.96	42.00
13683.000	236.00	597.03	0.90	0.03	0.00	9.97	42.00
13683.000	317.00	597.50	0.47	0.04	0.00	9.98	42.00
13683.000	573.00	598.70	1.19	0.07	0.00	9.99	42.00
13759.000	151.00	596.17	0.00	0.04	0.00	9.96	76.00
13759.000	236.00	597.45	1.28	0.42	0.00	9.98	76.00
13759.000	317.00	598.35	0.89	0.84	0.00	9.99	76.00
13759.000	573.00	599.69	1.35	1.00	0.00	3188.34	76.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8160.000	151.00	592.74	0.00	0.11	0.00	10.46	195.00
8160.000	236.00	593.46	0.71	0.19	0.00	10.54	195.00
8160.000	317.00	594.06	0.60	0.29	0.00	10.61	195.00
8160.000	573.00	596.00	1.94	0.51	0.00	10.83	195.00
8240.000	151.00	592.96	0.00	0.22	0.00	65.00	80.00
8240.000	236.00	593.91	0.96	0.46	0.00	65.00	80.00
8240.000	317.00	594.74	0.83	0.69	0.00	65.00	80.00
8240.000	573.00	597.25	2.50	1.25	0.00	65.00	80.00
8320.000	151.00	593.01	0.00	0.06	0.00	23.00	80.00
8320.000	236.00	593.96	0.94	0.04	0.00	23.00	80.00
8320.000	317.00	594.78	0.82	0.04	0.00	23.00	80.00
8320.000	573.00	597.33	2.55	0.09	0.00	2623.09	80.00
8332.000	151.00	593.02	0.00	0.01	0.00	23.00	12.00
8332.000	236.00	593.97	0.95	0.01	0.00	23.00	12.00
8332.000	317.00	594.79	0.83	0.01	0.00	23.00	12.00
8332.000	573.00	597.53	2.74	0.20	0.00	2636.10	12.00
8444.000	151.00	593.10	0.00	0.08	0.00	94.84	112.00
8444.000	236.00	594.11	1.01	0.14	0.00	235.19	112.00
8444.000	317.00	595.02	0.91	0.23	0.00	250.00	112.00
8444.000	573.00	597.53	2.51	0.00	0.00	250.00	112.00
9674.000	151.00	593.67	0.00	0.57	0.00	109.24	1230.00
9674.000	236.00	594.44	0.76	0.33	0.00	204.93	1230.00
9674.000	317.00	595.19	0.75	0.17	0.00	254.11	1230.00
9674.000	573.00	597.57	2.39	0.04	0.00	400.00	1230.00
10403.000	151.00	593.96	0.00	0.29	0.00	30.00	729.00
10403.000	236.00	594.71	0.75	0.27	0.00	30.00	729.00
10403.000	317.00	595.38	0.68	0.20	0.00	30.00	729.00
10403.000	573.00	597.64	2.26	0.07	0.00	30.00	729.00
10433.000	151.00	593.96	0.00	0.00	0.00	13.73	30.00
10433.000	236.00	594.71	0.75	0.01	0.00	13.81	30.00
10433.000	317.00	595.39	0.68	0.01	0.00	13.88	30.00
10433.000	573.00	597.89	2.49	0.25	0.00	3480.93	30.00
10515.000	151.00	593.98	0.00	0.01	0.00	13.73	82.00
10515.000	236.00	594.99	1.02	0.28	0.00	13.84	82.00
10515.000	317.00	595.90	0.91	0.51	0.00	101.94	82.00
10515.000	573.00	597.97	2.07	0.09	0.00	3499.74	82.00
10744.000	151.00	594.18	0.00	0.21	0.00	146.44	229.00
10744.000	236.00	595.18	1.00	0.18	0.00	459.61	229.00
10744.000	317.00	596.14	0.97	0.24	0.00	560.00	229.00
10744.000	573.00	597.97	1.83	0.00	0.00	560.00	229.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5417.000	293.00	591.41	0.00	0.30	0.00	209.39	100.00
5417.000	354.00	591.75	0.35	0.21	0.00	278.52	100.00
5417.000	406.00	591.87	0.12	0.18	0.00	302.34	100.00
5417.000	552.00	592.34	0.47	0.24	0.00	377.55	100.00
6255.000	293.00	591.97	0.00	0.56	0.00	80.72	838.00
6255.000	354.00	592.28	0.31	0.53	0.00	99.12	838.00
6255.000	406.00	592.45	0.17	0.58	0.00	109.00	838.00
6255.000	552.00	592.91	0.45	0.56	0.00	127.09	838.00
6305.000	173.00	592.00	0.00	0.03	0.00	11.04	50.00
6305.000	234.00	592.32	0.32	0.03	0.00	11.07	50.00
6305.000	286.00	592.49	0.17	0.04	0.00	11.09	50.00
6305.000	432.00	592.96	0.47	0.05	0.00	11.14	50.00
6365.000	173.00	592.13	0.00	0.13	0.00	11.05	60.00
6365.000	234.00	592.60	0.48	0.29	0.00	11.10	60.00
6365.000	286.00	592.96	0.36	0.47	0.00	11.14	60.00
6365.000	432.00	594.28	1.32	1.33	0.00	11.28	60.00
6366.000	173.00	592.24	0.00	0.11	0.00	11.09	1.00
6366.000	234.00	592.76	0.53	0.16	0.00	11.18	1.00
6366.000	286.00	593.17	0.40	0.20	0.00	11.24	1.00
6366.000	432.00	594.56	1.39	0.27	0.00	11.47	1.00
6405.000	173.00	592.26	0.00	0.02	0.00	11.09	39.00
6405.000	234.00	592.83	0.57	0.07	0.00	11.19	39.00
6405.000	286.00	593.29	0.46	0.13	0.00	11.26	39.00
6405.000	432.00	594.98	1.69	0.43	0.00	11.54	39.00
6417.000	173.00	592.32	0.00	0.06	0.00	35.00	12.00
6417.000	234.00	592.93	0.61	0.10	0.00	35.00	12.00
6417.000	286.00	593.43	0.50	0.14	0.00	35.00	12.00
6417.000	432.00	595.21	1.78	0.22	0.00	35.00	12.00
6967.000	151.00	592.43	0.00	0.11	0.00	225.98	550.00
6967.000	236.00	593.05	0.62	0.12	0.00	262.61	550.00
6967.000	317.00	593.56	0.50	0.13	0.00	276.50	550.00
6967.000	573.00	595.32	1.76	0.11	0.00	337.49	550.00
7894.000	151.00	592.60	0.00	0.17	0.00	48.00	927.00
7894.000	236.00	593.22	0.62	0.17	0.00	48.00	927.00
7894.000	317.00	593.72	0.50	0.16	0.00	48.00	927.00
7894.000	573.00	595.42	1.70	0.10	0.00	48.00	927.00
7965.000	151.00	592.63	0.00	0.03	0.00	10.45	71.00
7965.000	236.00	593.26	0.63	0.04	0.00	10.52	71.00
7965.000	317.00	593.77	0.51	0.05	0.00	10.58	71.00
7965.000	573.00	595.48	1.71	0.06	0.00	10.77	71.00

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BROWNSTOWN CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	480.00	587.70	0.00	0.00	0.00	420.00	0.00
0.000	650.00	588.30	0.60	0.00	0.00	495.00	0.00
0.000	710.00	588.40	0.10	0.00	0.00	511.03	0.00
0.000	860.00	588.90	0.50	0.00	0.00	591.21	0.00
44.000	480.00	587.71	0.00	0.01	0.00	11.53	44.00
44.000	650.00	588.31	0.60	0.01	0.00	11.55	44.00
44.000	710.00	588.41	0.10	0.01	0.00	11.56	44.00
44.000	860.00	588.91	0.50	0.01	0.00	11.58	44.00
123.000	480.00	589.34	0.00	1.63	0.00	11.59	79.00
123.000	650.00	589.78	0.44	1.47	0.00	126.04	79.00
123.000	710.00	589.80	0.02	1.39	0.00	136.20	79.00
123.000	860.00	589.80	0.00	0.89	0.00	137.79	79.00
183.000	480.00	589.81	0.00	0.47	0.00	135.00	60.00
183.000	650.00	590.55	0.74	0.77	0.00	135.00	60.00
183.000	710.00	590.71	0.16	0.91	0.00	135.00	60.00
183.000	860.00	591.13	0.42	1.33	0.00	135.00	60.00
2483.000	480.00	589.95	0.00	0.14	0.00	696.08	2300.00
2483.000	650.00	590.68	0.73	0.13	0.00	700.00	2300.00
2483.000	710.00	590.84	0.17	0.13	0.00	700.00	2300.00
2483.000	860.00	591.27	0.43	0.14	0.00	700.00	2300.00
3883.000	480.00	590.05	0.00	0.11	0.00	178.92	1400.00
3883.000	650.00	590.75	0.70	0.08	0.00	218.99	1400.00
3883.000	710.00	590.92	0.17	0.07	0.00	228.36	1400.00
3883.000	860.00	591.34	0.42	0.07	0.00	252.10	1400.00
5233.000	293.00	591.07	0.00	1.01	0.00	194.95	1350.00
5233.000	354.00	591.51	0.44	0.76	0.00	205.96	1350.00
5233.000	406.00	591.67	0.16	0.75	0.00	213.61	1350.00
5233.000	552.00	592.06	0.39	0.72	0.00	224.58	1350.00
5283.000	293.00	591.08	0.00	0.02	0.00	168.38	50.00
5283.000	354.00	591.52	0.44	0.02	0.00	233.22	50.00
5283.000	406.00	591.69	0.16	0.02	0.00	266.48	50.00
5283.000	552.00	592.08	0.40	0.02	0.00	344.70	50.00
5317.000	293.00	591.10	0.00	0.02	0.00	169.29	34.00
5317.000	354.00	591.54	0.44	0.02	0.00	235.61	34.00
5317.000	406.00	591.69	0.15	0.01	0.00	265.89	34.00
5317.000	552.00	592.10	0.41	0.02	0.00	347.68	34.00

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
17741.000	38.00	0.00	0.00	594.45	151.00	598.67	0.00	598.92	9.50	4.04	37.37	48.98
17741.000	38.00	0.00	0.00	594.45	236.00	599.85	0.00	600.22	12.04	4.93	47.90	68.01
17741.000	38.00	0.00	0.00	594.45	317.00	600.68	597.86	601.17	14.63	5.66	67.16	82.89
17741.000	38.00	0.00	0.00	594.45	573.00	602.01	0.00	602.21	7.94	4.73	348.64	203.31
17833.000	92.00	600.46	599.30	594.45	151.00	598.78	0.00	599.09	15.84	4.48	33.71	37.94
17833.000	92.00	600.46	599.30	594.45	236.00	600.67	0.00	600.94	8.16	4.23	66.10	82.61
17833.000	92.00	600.46	599.30	594.45	317.00	600.88	0.00	601.29	12.14	5.24	93.37	90.99
17833.000	92.00	600.46	599.30	594.45	573.00	602.01	0.00	602.21	7.85	4.70	351.03	204.57
17844.000	11.00	0.00	0.00	594.45	151.00	598.90	0.00	599.12	26.93	3.77	40.06	29.10
17844.000	11.00	0.00	0.00	594.45	236.00	600.71	0.00	600.96	25.42	4.07	72.00	46.81
17844.000	11.00	0.00	0.00	594.45	317.00	601.10	0.00	601.32	25.04	4.19	133.27	63.35
17844.000	11.00	0.00	0.00	594.45	573.00	602.17	0.00	602.23	10.54	3.00	397.62	176.49
18144.000	300.00	0.00	0.00	595.60	151.00	599.81	0.00	600.08	37.01	4.12	36.67	24.82
18144.000	300.00	0.00	0.00	595.60	236.00	601.35	0.00	601.44	10.42	2.76	137.31	73.10
18144.000	300.00	0.00	0.00	595.60	317.00	601.69	0.00	601.77	9.46	2.82	207.08	103.05
18144.000	300.00	0.00	0.00	595.60	573.00	602.44	0.00	602.51	7.83	2.91	383.28	204.79

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
13771.000	12.00	0.00	0.00	591.80	151.00	596.30	0.00	596.36	5.76	2.05	73.78	62.91
13771.000	12.00	0.00	0.00	591.80	236.00	597.60	0.00	597.67	5.12	2.21	106.75	104.25
13771.000	12.00	0.00	0.00	591.80	317.00	598.57	0.00	598.65	4.84	2.36	134.36	144.13
13771.000	12.00	0.00	0.00	591.80	573.00	599.57	0.00	599.76	8.88	3.50	163.50	192.30
13883.000	112.00	0.00	0.00	591.80	151.00	596.36	0.00	596.43	5.40	2.00	75.56	65.00
13883.000	112.00	0.00	0.00	591.80	236.00	597.66	0.00	597.73	4.72	2.13	128.42	108.67
13883.000	112.00	0.00	0.00	591.80	317.00	598.66	0.00	598.70	2.43	1.72	312.86	203.37
13883.000	112.00	0.00	0.00	591.80	573.00	599.79	0.00	599.82	1.79	1.71	638.98	427.75
14175.000	292.00	0.00	0.00	591.80	151.00	596.52	0.00	596.57	4.74	1.91	79.21	69.36
14175.000	292.00	0.00	0.00	591.80	236.00	597.80	0.00	597.83	2.64	1.62	320.75	145.30
14175.000	292.00	0.00	0.00	591.80	317.00	598.72	0.00	598.73	0.58	0.85	899.13	416.88
14175.000	292.00	0.00	0.00	591.80	573.00	599.84	0.00	599.84	0.33	0.73	1699.69	1002.44
14237.000	62.00	0.00	0.00	591.50	151.00	596.53	0.00	596.58	0.45	1.89	79.92	224.52
14237.000	62.00	0.00	0.00	591.50	236.00	597.81	0.00	597.89	0.53	2.26	188.78	324.94
14237.000	62.00	0.00	0.00	591.50	317.00	598.73	0.00	598.76	0.28	1.81	775.80	600.00
14237.000	62.00	0.00	0.00	591.50	573.00	599.84	0.00	599.86	0.22	1.78	1596.17	1217.10
14329.000	92.00	597.67	594.68	591.50	151.00	596.96	0.00	597.01	0.35	1.73	87.35	254.83
14329.000	92.00	597.67	594.68	591.50	236.00	598.61	0.00	598.64	0.19	1.49	640.58	536.24
14329.000	92.00	597.67	594.68	591.50	317.00	599.60	0.00	599.61	0.10	1.15	1325.53	1019.43
14329.000	92.00	597.67	594.68	591.50	573.00	601.41	0.00	601.42	0.06	1.03	2573.42	2371.00
14346.000	17.00	0.00	0.00	591.80	151.00	596.97	0.00	597.01	3.34	1.68	90.04	82.66
14346.000	17.00	0.00	0.00	591.80	236.00	598.65	0.00	598.65	0.45	0.74	744.73	351.10
14346.000	17.00	0.00	0.00	591.80	317.00	599.62	0.00	599.62	0.17	0.51	1379.79	778.28
14346.000	17.00	0.00	0.00	591.80	573.00	601.42	0.00	601.42	0.08	0.42	2622.87	2032.70
15100.000	754.00	0.00	0.00	592.50	151.00	597.28	0.00	597.34	5.14	1.94	77.94	66.60
15100.000	754.00	0.00	0.00	592.50	236.00	598.71	0.00	598.73	2.14	1.45	285.54	161.37
15100.000	754.00	0.00	0.00	592.50	317.00	599.64	0.00	599.65	0.89	1.07	573.22	335.35
15100.000	754.00	0.00	0.00	592.50	573.00	601.43	0.00	601.44	0.40	0.88	1181.57	909.74
15786.000	686.00	0.00	0.00	592.80	151.00	597.60	0.00	597.65	4.19	1.81	83.36	73.76
15786.000	686.00	0.00	0.00	592.80	236.00	598.88	0.00	598.94	3.98	2.00	117.77	118.28
15786.000	686.00	0.00	0.00	592.80	317.00	599.71	0.00	599.79	4.06	2.22	145.81	157.27
15786.000	686.00	0.00	0.00	592.80	573.00	601.45	0.00	601.45	0.18	0.56	4624.63	1350.46
16886.000	1100.00	0.00	0.00	594.20	151.00	598.17	0.00	598.24	6.91	2.13	70.77	57.43
16886.000	1100.00	0.00	0.00	594.20	236.00	599.39	0.00	599.47	5.91	2.28	103.30	97.08
16886.000	1100.00	0.00	0.00	594.20	317.00	600.22	0.00	600.32	5.76	2.47	129.95	132.11
16886.000	1100.00	0.00	0.00	594.20	573.00	601.41	0.00	601.56	7.44	3.24	213.79	210.10
17703.000	817.00	0.00	0.00	594.20	151.00	598.64	0.00	598.70	4.50	1.83	82.56	71.19
17703.000	817.00	0.00	0.00	594.20	236.00	599.82	0.00	599.89	4.31	2.04	115.83	113.65
17703.000	817.00	0.00	0.00	594.20	317.00	600.65	0.00	600.73	4.38	2.24	141.29	151.45
17703.000	817.00	0.00	0.00	594.20	573.00	601.98	0.00	602.14	6.71	3.14	182.56	221.14

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
10903.000	159.00	0.00	0.00	589.30	151.00	594.19	0.00	594.20	0.70	0.78	198.23	180.58
10903.000	159.00	0.00	0.00	589.30	236.00	595.19	0.00	595.20	0.64	0.88	320.04	295.93
10903.000	159.00	0.00	0.00	589.30	317.00	596.15	0.00	596.16	0.41	0.81	685.50	493.55
10903.000	159.00	0.00	0.00	589.30	573.00	597.98	0.00	597.98	0.14	0.57	2140.90	1556.80
10918.000	15.00	0.00	0.00	589.30	151.00	594.20	0.00	594.20	0.70	0.78	198.33	180.69
10918.000	15.00	0.00	0.00	589.30	236.00	595.19	0.00	595.20	0.64	0.88	319.31	295.36
10918.000	15.00	0.00	0.00	589.30	317.00	596.15	0.00	596.16	0.42	0.82	679.02	490.81
10918.000	15.00	0.00	0.00	589.30	573.00	597.98	0.00	597.98	0.14	0.57	2141.72	1557.61
10933.000	15.00	595.10	595.58	589.50	151.00	594.20	0.00	594.65	68.83	5.42	27.86	18.20
10933.000	15.00	595.10	595.58	589.50	236.00	595.19	593.15	595.73	105.58	6.33	85.54	22.97
10933.000	15.00	595.10	595.58	589.50	317.00	596.16	0.00	596.16	2.09	0.83	701.85	219.27
10933.000	15.00	595.10	595.58	589.50	573.00	597.98	0.00	597.98	0.22	0.26	2144.16	1233.26
10957.000	24.00	595.10	595.58	589.50	151.00	594.41	0.00	594.83	62.86	5.21	29.00	19.04
10957.000	24.00	595.10	595.58	589.50	236.00	596.06	0.00	596.06	1.51	0.70	643.67	192.05
10957.000	24.00	595.10	595.58	589.50	317.00	596.16	0.00	596.17	2.02	0.81	709.67	222.98
10957.000	24.00	595.10	595.58	589.50	573.00	597.98	0.00	597.98	0.22	0.26	2146.21	1235.19
10966.000	9.00	0.00	0.00	589.30	151.00	595.08	0.00	595.09	0.18	0.46	653.53	360.44
10966.000	9.00	0.00	0.00	589.30	236.00	596.06	0.00	596.06	0.08	0.36	1408.11	820.65
10966.000	9.00	0.00	0.00	589.30	317.00	596.17	0.00	596.17	0.13	0.46	1491.41	884.11
10966.000	9.00	0.00	0.00	589.30	573.00	597.98	0.00	597.98	0.06	0.38	2943.73	2348.23
11921.000	955.00	0.00	0.00	590.50	151.00	595.10	0.00	595.14	3.97	1.75	108.19	75.76
11921.000	955.00	0.00	0.00	590.50	236.00	596.06	0.00	596.10	3.42	1.84	168.69	127.60
11921.000	955.00	0.00	0.00	590.50	317.00	596.16	0.00	596.22	5.59	2.38	176.00	134.08
11921.000	955.00	0.00	0.00	590.50	573.00	597.99	0.00	598.00	0.86	1.21	1045.27	617.15
12721.000	800.00	0.00	0.00	590.90	151.00	595.49	0.00	595.56	6.75	2.20	73.16	58.13
12721.000	800.00	0.00	0.00	590.90	236.00	596.38	0.00	596.47	6.05	2.48	118.91	95.96
12721.000	800.00	0.00	0.00	590.90	317.00	596.65	0.00	596.77	8.04	2.99	142.83	111.82
12721.000	800.00	0.00	0.00	590.90	573.00	598.08	0.00	598.15	4.45	2.70	431.75	271.70
13641.000	920.00	0.00	0.00	591.80	151.00	596.11	0.00	596.18	6.82	2.18	69.40	57.82
13641.000	920.00	0.00	0.00	591.80	236.00	597.00	0.00	597.11	7.92	2.59	91.00	83.87
13641.000	920.00	0.00	0.00	591.80	317.00	597.46	0.00	597.61	10.17	3.08	103.06	99.38
13641.000	920.00	0.00	0.00	591.80	573.00	598.63	0.00	598.90	15.23	4.21	136.04	146.81
13683.000	42.00	0.00	0.00	590.86	151.00	596.13	0.00	596.26	3.86	2.88	52.35	76.85
13683.000	42.00	0.00	0.00	590.86	236.00	597.03	0.00	597.26	6.25	3.85	61.25	94.40
13683.000	42.00	0.00	0.00	590.86	317.00	597.50	0.00	597.86	9.33	4.81	65.93	103.80
13683.000	42.00	0.00	0.00	590.86	573.00	598.70	0.00	599.54	19.94	7.36	77.89	128.32
13759.000	76.00	598.92	596.63	590.86	151.00	596.17	0.00	596.34	7.77	3.34	45.18	54.17
13759.000	76.00	598.92	596.63	590.86	236.00	597.45	0.00	597.65	5.26	3.61	65.46	102.85
13759.000	76.00	598.92	596.63	590.86	317.00	598.35	0.00	598.63	6.86	4.26	74.37	121.04
13759.000	76.00	598.92	596.63	590.86	573.00	599.69	0.00	599.71	1.03	1.77	1932.86	564.17

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
8160.000	195.00	606.14	596.52	588.10	151.00	592.74	0.00	592.92	4.58	3.39	44.52	70.59
8160.000	195.00	606.14	596.52	588.10	236.00	593.46	0.00	593.77	7.35	4.53	52.04	87.05
8160.000	195.00	606.14	596.52	588.10	317.00	594.06	0.00	594.51	9.76	5.42	58.45	101.49
8160.000	195.00	606.14	596.52	588.10	573.00	596.00	0.00	596.81	14.54	7.24	79.17	150.26
8240.000	80.00	0.00	0.00	588.80	151.00	592.96	0.00	593.03	6.86	2.26	86.84	57.64
8240.000	80.00	0.00	0.00	588.80	236.00	593.91	0.00	593.98	4.74	2.25	149.48	108.37
8240.000	80.00	0.00	0.00	588.80	317.00	594.74	0.00	594.80	3.71	2.24	203.41	164.68
8240.000	80.00	0.00	0.00	588.80	573.00	597.25	0.00	597.30	2.18	2.26	366.11	388.18
8320.000	80.00	0.00	0.00	588.70	151.00	593.01	0.00	593.08	5.86	2.09	72.31	62.37
8320.000	80.00	0.00	0.00	588.70	236.00	593.96	0.00	594.05	5.91	2.50	94.31	97.09
8320.000	80.00	0.00	0.00	588.70	317.00	594.78	0.00	594.90	5.79	2.80	113.28	131.79
8320.000	80.00	0.00	0.00	588.70	573.00	597.33	0.00	597.33	0.01	0.15	8504.46	5712.02
8332.000	12.00	595.35	594.39	588.70	151.00	593.02	0.00	593.09	5.83	2.08	72.44	62.55
8332.000	12.00	595.35	594.39	588.70	236.00	593.97	0.00	594.07	12.51	2.62	90.14	66.72
8332.000	12.00	595.35	594.39	588.70	317.00	594.79	0.00	594.98	27.96	3.46	91.70	59.95
8332.000	12.00	595.35	594.39	588.70	573.00	597.53	0.00	597.53	0.01	0.14	9055.33	6315.57
8444.000	112.00	0.00	0.00	588.80	151.00	593.10	0.00	593.15	5.12	1.96	117.91	66.72
8444.000	112.00	0.00	0.00	588.80	236.00	594.11	0.00	594.13	2.48	1.65	256.71	149.82
8444.000	112.00	0.00	0.00	588.80	317.00	595.02	0.00	595.03	1.17	1.29	483.93	293.40
8444.000	112.00	0.00	0.00	588.80	573.00	597.53	0.00	597.54	0.35	0.93	1112.40	969.10
9674.000	1230.00	0.00	0.00	588.80	151.00	593.67	0.00	593.73	4.26	1.89	99.88	73.15
9674.000	1230.00	0.00	0.00	588.80	236.00	594.44	0.00	594.48	3.06	1.84	232.30	134.88
9674.000	1230.00	0.00	0.00	588.80	317.00	595.19	0.00	595.21	1.73	1.54	401.88	240.72
9674.000	1230.00	0.00	0.00	588.80	573.00	597.57	0.00	597.58	0.38	0.94	1224.74	927.97
10403.000	729.00	0.00	0.00	588.80	151.00	593.96	0.00	594.01	3.50	1.81	89.57	80.71
10403.000	729.00	0.00	0.00	588.80	236.00	594.71	0.00	594.78	4.46	2.31	111.96	111.79
10403.000	729.00	0.00	0.00	588.80	317.00	595.38	0.00	595.49	4.88	2.65	132.34	143.54
10403.000	729.00	0.00	0.00	588.80	573.00	597.64	0.00	597.80	4.52	3.26	200.03	269.64
10433.000	30.00	0.00	0.00	588.30	151.00	593.96	0.00	594.05	0.86	2.30	65.53	162.87
10433.000	30.00	0.00	0.00	588.30	236.00	594.71	0.00	594.86	1.39	3.11	75.80	200.09
10433.000	30.00	0.00	0.00	588.30	317.00	595.39	0.00	595.61	1.81	3.72	85.19	235.44
10433.000	30.00	0.00	0.00	588.30	573.00	597.89	0.00	597.89	0.03	0.60	6351.47	3170.95
10515.000	82.00	595.63	593.89	588.30	151.00	593.98	0.00	594.12	3.41	3.06	49.42	81.76
10515.000	82.00	595.63	593.89	588.30	236.00	594.99	0.00	595.13	1.21	2.96	79.64	214.38
10515.000	82.00	595.63	593.89	588.30	317.00	595.90	0.00	596.08	1.44	3.42	104.43	263.92
10515.000	82.00	595.63	593.89	588.30	573.00	597.97	0.00	597.97	0.03	0.56	6658.81	3399.74
10744.000	229.00	0.00	0.00	589.30	151.00	594.18	0.00	594.19	0.70	0.78	204.71	180.14
10744.000	229.00	0.00	0.00	589.30	236.00	595.18	0.00	595.18	0.45	0.75	532.82	350.03
10744.000	229.00	0.00	0.00	589.30	317.00	596.14	0.00	596.15	0.22	0.59	1030.29	683.52
10744.000	229.00	0.00	0.00	589.30	573.00	597.97	0.00	597.98	0.11	0.51	2055.97	1726.02

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
5417.000	100.00	0.00	0.00	584.70	293.00	591.41	0.00	591.50	7.22	2.64	185.69	109.03
5417.000	100.00	0.00	0.00	584.70	354.00	591.75	0.00	591.83	6.20	2.54	270.53	142.14
5417.000	100.00	0.00	0.00	584.70	406.00	591.87	0.00	591.95	6.74	2.68	305.34	156.44
5417.000	100.00	0.00	0.00	584.70	552.00	592.34	0.00	592.40	5.68	2.58	468.53	231.60
6255.000	838.00	0.00	0.00	586.50	293.00	591.97	0.00	592.07	6.31	2.66	146.73	116.66
6255.000	838.00	0.00	0.00	586.50	354.00	592.28	0.00	592.39	6.45	2.82	175.61	139.39
6255.000	838.00	0.00	0.00	586.50	406.00	592.45	0.00	592.57	7.07	3.03	193.01	152.65
6255.000	838.00	0.00	0.00	586.50	552.00	592.91	0.00	593.05	8.04	3.44	246.70	194.67
6305.000	50.00	0.00	0.00	586.90	173.00	592.00	0.00	592.16	3.95	3.26	53.08	87.10
6305.000	50.00	0.00	0.00	586.90	234.00	592.32	0.00	592.58	6.09	4.14	56.53	94.84
6305.000	50.00	0.00	0.00	586.90	286.00	592.49	0.00	592.86	8.33	4.90	58.41	99.11
6305.000	50.00	0.00	0.00	586.90	432.00	592.96	0.00	593.67	15.17	6.80	63.55	110.91
6365.000	60.00	596.00	591.61	586.90	173.00	592.13	0.00	592.28	3.68	3.18	54.44	90.15
6365.000	60.00	596.00	591.61	586.90	234.00	592.60	0.00	592.84	5.25	3.92	59.73	102.12
6365.000	60.00	596.00	591.61	586.90	286.00	592.96	0.00	593.28	6.60	4.49	63.73	111.33
6365.000	60.00	596.00	591.61	586.90	432.00	594.28	0.00	594.75	8.70	5.50	78.54	146.46
6366.000	1.00	0.00	0.00	584.70	173.00	592.24	0.00	592.32	1.68	2.39	72.28	133.30
6366.000	1.00	0.00	0.00	584.70	234.00	592.76	0.00	592.90	2.52	2.99	78.15	147.45
6366.000	1.00	0.00	0.00	584.70	286.00	593.17	0.00	593.35	3.26	3.46	82.67	158.50
6366.000	1.00	0.00	0.00	584.70	432.00	594.56	0.00	594.86	4.77	4.39	98.46	197.88
6405.000	39.00	597.78	591.62	584.70	173.00	592.26	0.00	592.35	1.67	2.38	72.54	133.93
6405.000	39.00	597.78	591.62	584.70	234.00	592.83	0.00	592.97	2.46	2.97	78.91	149.31
6405.000	39.00	597.78	591.62	584.70	286.00	593.29	0.00	593.47	3.12	3.40	84.09	161.99
6405.000	39.00	597.78	591.62	584.70	432.00	594.98	0.00	595.25	4.22	4.18	103.36	210.36
6417.000	12.00	0.00	0.00	586.50	173.00	592.32	0.00	592.36	1.87	1.53	128.43	126.36
6417.000	12.00	0.00	0.00	586.50	234.00	592.93	0.00	592.98	2.18	1.80	149.85	158.33
6417.000	12.00	0.00	0.00	586.50	286.00	593.43	0.00	593.49	2.35	1.99	167.31	186.38
6417.000	12.00	0.00	0.00	586.50	432.00	595.21	0.00	595.28	2.08	2.24	229.45	299.36
6967.000	550.00	0.00	0.00	587.60	151.00	592.43	0.00	592.44	1.24	1.02	274.04	135.71
6967.000	550.00	0.00	0.00	587.60	236.00	593.05	0.00	593.06	1.01	1.04	430.71	234.42
6967.000	550.00	0.00	0.00	587.60	317.00	593.56	0.00	593.57	0.90	1.05	564.86	334.98
6967.000	550.00	0.00	0.00	587.60	573.00	595.32	0.00	595.33	0.46	0.94	1096.26	845.35
7894.000	927.00	0.00	0.00	587.60	151.00	592.60	0.00	592.64	3.07	1.61	113.90	86.18
7894.000	927.00	0.00	0.00	587.60	236.00	593.22	0.00	593.28	4.07	2.03	143.07	117.05
7894.000	927.00	0.00	0.00	587.60	317.00	593.72	0.00	593.79	4.75	2.34	167.21	145.39
7894.000	927.00	0.00	0.00	587.60	573.00	595.42	0.00	595.52	4.94	2.83	249.54	257.73
7965.000	71.00	0.00	0.00	588.10	151.00	592.63	0.00	592.82	4.93	3.49	43.32	68.02
7965.000	71.00	0.00	0.00	588.10	236.00	593.26	0.00	593.61	8.19	4.72	49.98	82.49
7965.000	71.00	0.00	0.00	588.10	317.00	593.77	0.00	594.28	11.26	5.73	55.35	94.47
7965.000	71.00	0.00	0.00	588.10	573.00	595.48	0.00	596.42	17.50	7.78	73.62	136.95

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BROWNSTOWN CREEK

SUMMARY PRINTOUT TABLE .150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	580.50	480.00	587.70	0.00	587.71	0.95	1.25	794.75	492.70
0.000	0.00	0.00	0.00	580.50	650.00	588.30	0.00	588.31	0.88	1.28	1069.25	693.72
0.000	0.00	0.00	0.00	580.50	710.00	588.40	0.00	588.41	0.94	1.34	1119.55	732.07
0.000	0.00	0.00	0.00	580.50	860.00	588.90	0.00	588.91	0.83	1.32	1395.11	946.21
44.000	44.00	0.00	0.00	580.50	480.00	587.71	0.00	588.40	7.18	6.67	71.93	179.09
44.000	44.00	0.00	0.00	580.50	650.00	588.31	0.00	589.36	10.40	8.24	78.86	201.59
44.000	44.00	0.00	0.00	580.50	710.00	588.41	0.00	589.63	11.95	8.87	80.02	205.39
44.000	44.00	0.00	0.00	580.50	860.00	588.91	0.00	590.47	14.68	10.02	85.79	224.45
123.000	79.00	589.54	586.90	580.50	480.00	589.34	0.00	589.77	3.96	5.28	90.83	241.21
123.000	79.00	589.54	586.90	580.50	650.00	589.78	0.00	590.49	6.14	6.75	108.78	262.30
123.000	79.00	589.54	586.90	580.50	710.00	589.80	0.00	590.64	7.26	7.35	111.35	263.55
123.000	79.00	589.54	586.90	580.50	860.00	589.80	0.00	591.02	10.63	8.90	111.77	263.75
183.000	60.00	0.00	0.00	581.50	480.00	589.81	0.00	589.83	0.79	1.28	587.66	539.86
183.000	60.00	0.00	0.00	581.50	650.00	590.55	0.00	590.57	0.90	1.46	687.35	684.26
183.000	60.00	0.00	0.00	581.50	710.00	590.71	0.00	590.73	0.98	1.55	709.18	717.70
183.000	60.00	0.00	0.00	581.50	860.00	591.13	0.00	591.16	1.13	1.72	766.41	808.38
2483.000	2300.00	0.00	0.00	583.40	480.00	589.95	0.00	589.95	0.40	0.77	1369.42	762.48
2483.000	2300.00	0.00	0.00	583.40	650.00	590.68	0.00	590.68	0.29	0.72	1876.68	1206.22
2483.000	2300.00	0.00	0.00	583.40	710.00	590.84	0.00	590.84	0.29	0.73	1992.09	1320.12
2483.000	2300.00	0.00	0.00	583.40	860.00	591.27	0.00	591.27	0.27	0.74	2297.42	1642.96
3883.000	1400.00	0.00	0.00	584.80	480.00	590.05	0.00	590.15	8.83	3.04	281.99	161.51
3883.000	1400.00	0.00	0.00	584.80	650.00	590.75	0.00	590.82	6.44	2.89	422.06	256.12
3883.000	1400.00	0.00	0.00	584.80	710.00	590.92	0.00	590.99	6.32	2.93	458.92	282.51
3883.000	1400.00	0.00	0.00	584.80	860.00	591.34	0.00	591.41	5.80	2.97	559.11	356.99
5233.000	1350.00	0.00	0.00	585.20	293.00	591.07	0.00	591.14	5.58	2.39	194.87	124.01
5233.000	1350.00	0.00	0.00	585.20	354.00	591.51	0.00	591.56	4.12	2.20	283.11	174.50
5233.000	1350.00	0.00	0.00	585.20	406.00	591.67	0.00	591.73	4.27	2.30	316.83	196.47
5233.000	1350.00	0.00	0.00	585.20	552.00	592.06	0.00	592.13	4.59	2.52	403.14	257.72
5283.000	50.00	0.00	0.00	584.70	293.00	591.08	0.00	591.24	2.69	3.22	126.27	178.65
5283.000	50.00	0.00	0.00	584.70	354.00	591.52	0.00	591.67	2.59	3.30	212.21	219.95
5283.000	50.00	0.00	0.00	584.70	406.00	591.69	0.00	591.85	2.84	3.51	254.03	241.08
5283.000	50.00	0.00	0.00	584.70	552.00	592.08	0.00	592.27	3.32	3.96	374.29	302.98
5317.000	34.00	590.61	589.96	584.70	293.00	591.10	0.00	591.33	9.65	3.95	109.20	94.34
5317.000	34.00	590.61	589.96	584.70	354.00	591.54	0.00	591.70	11.09	3.60	194.56	106.29
5317.000	34.00	590.61	589.96	584.70	406.00	591.69	0.00	591.86	2.85	3.52	253.23	240.68
5317.000	34.00	590.61	589.96	584.70	552.00	592.10	0.00	592.28	3.26	3.93	379.48	305.71

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
16886.000	598.17	0.00	598.24	24.71	0.00	151.00	0.00	81.00	3950.00	4000.00	4031.00	4031.00
16886.000	599.39	0.00	599.47	28.59	0.00	236.00	0.00	81.00	3950.00	4000.00	4031.00	4031.00
16886.000	600.22	0.00	600.32	42.30	0.40	316.60	0.00	81.00	3950.00	4000.00	4031.00	4031.00
16886.000	601.41	0.00	601.56	81.00	39.69	533.31	0.00	81.00	3950.00	4000.00	4031.00	4031.00
17703.000	598.64	0.00	598.70	26.18	0.00	151.00	0.00	31.00	4000.00	4000.00	4031.00	4031.00
17703.000	599.82	0.00	599.89	29.95	0.00	236.00	0.00	31.00	4000.00	4000.00	4031.00	4031.00
17703.000	600.65	0.00	600.73	31.00	0.00	317.00	0.00	31.00	4000.00	4000.00	4031.00	4031.00
17703.000	601.98	0.00	602.14	31.00	0.00	573.00	0.00	31.00	4000.00	4000.00	4031.00	4031.00
17741.000	598.67	0.00	598.92	8.93	0.00	151.00	0.00	0.00	0.00	4245.50	4254.50	0.00
17741.000	599.85	0.00	600.22	8.97	0.00	236.00	0.00	0.00	0.00	4245.50	4254.50	0.00
17741.000	600.68	0.00	601.17	108.46	0.00	313.51	3.49	0.00	0.00	4245.50	4254.50	0.00
17741.000	602.01	0.00	602.21	289.55	52.96	318.57	201.47	0.00	0.00	4245.50	4254.50	0.00
17833.000	598.78	0.00	599.09	8.94	0.00	151.00	0.00	0.00	0.00	4245.50	4254.50	0.00
17833.000	600.67	0.00	600.94	106.89	0.00	233.70	2.30	0.00	0.00	4245.50	4254.50	0.00
17833.000	600.88	0.00	601.29	144.25	0.05	300.03	16.92	0.00	0.00	4245.50	4254.50	0.00
17833.000	602.01	0.00	602.21	290.43	53.43	317.18	202.39	0.00	0.00	4245.50	4254.50	0.00
17844.000	598.90	0.00	599.12	9.00	0.00	151.00	0.00	0.00	0.00	4245.50	4254.50	0.00
17844.000	600.71	0.00	600.96	114.50	0.00	229.01	6.99	0.00	0.00	4245.50	4254.50	0.00
17844.000	601.10	0.00	601.32	191.56	3.93	251.21	61.86	0.00	0.00	4245.50	4254.50	0.00
17844.000	602.17	0.00	602.23	306.80	80.50	208.35	284.15	0.00	0.00	4245.50	4254.50	0.00
18144.000	599.81	0.00	600.08	16.09	0.00	151.00	0.00	0.00	0.00	1100.00	1120.00	0.00
18144.000	601.35	0.00	601.44	172.25	51.74	179.93	4.33	0.00	0.00	1100.00	1120.00	0.00
18144.000	601.69	0.00	601.77	218.76	90.38	202.66	23.96	0.00	0.00	1100.00	1120.00	0.00
18144.000	602.44	0.00	602.51	247.28	202.56	253.30	117.14	0.00	0.00	1100.00	1120.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
13683.000	596.13	0.00	596.26	9.96	0.00	151.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13683.000	597.03	0.00	597.26	9.97	0.00	236.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13683.000	597.50	0.00	597.86	9.98	0.00	317.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13683.000	598.70	0.00	599.54	9.99	0.00	573.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13759.000	596.17	0.00	596.34	9.96	0.00	151.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13759.000	597.45	0.00	597.65	9.98	0.00	236.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13759.000	598.35	0.00	598.63	9.99	0.00	317.00	0.00	0.00	0.00	1695.00	1705.00	0.00
13759.000	599.69	0.00	599.71	3188.34	334.33	155.97	82.71	0.00	0.00	1695.00	1705.00	0.00
13771.000	596.30	0.00	596.36	23.43	0.00	151.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13771.000	597.60	0.00	597.67	27.31	0.00	236.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13771.000	598.57	0.00	598.65	29.00	0.00	317.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13771.000	599.57	0.00	599.76	29.00	0.00	573.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13883.000	596.36	0.00	596.43	23.66	0.00	151.00	0.00	300.00	1530.00	1676.00	1705.00	1830.00
13883.000	597.66	0.00	597.73	114.54	5.00	231.00	0.00	300.00	1530.00	1676.00	1705.00	1830.00
13883.000	598.66	0.00	598.70	255.41	77.20	236.21	3.60	300.00	1530.00	1676.00	1705.00	1830.00
13883.000	599.79	0.00	599.82	300.00	215.60	290.28	67.12	300.00	1530.00	1676.00	1705.00	1830.00
14175.000	596.52	0.00	596.57	24.12	0.00	151.00	0.00	730.00	1100.00	1676.00	1705.00	1830.00
14175.000	597.80	0.00	597.83	573.49	54.28	181.72	0.00	730.00	1100.00	1676.00	1705.00	1830.00
14175.000	598.72	0.00	598.73	692.14	196.66	117.84	2.50	730.00	1100.00	1676.00	1705.00	1830.00
14175.000	599.84	0.00	599.84	730.00	417.21	125.42	30.38	730.00	1100.00	1676.00	1705.00	1830.00
14237.000	596.53	0.00	596.58	16.98	0.00	151.00	0.00	740.00	1230.00	1791.50	1808.50	1970.00
14237.000	597.81	0.00	597.89	581.71	5.40	230.60	0.00	740.00	1230.00	1791.50	1808.50	1970.00
14237.000	598.73	0.00	598.76	740.00	98.87	212.70	5.44	740.00	1230.00	1791.50	1808.50	1970.00
14237.000	599.84	0.00	599.86	740.00	287.34	242.89	42.77	740.00	1230.00	1791.50	1808.50	1970.00
14329.000	596.96	0.00	597.01	16.99	0.00	151.00	0.00	690.00	1280.00	1791.50	1808.50	1970.00
14329.000	598.61	0.00	598.64	626.54	61.15	171.95	2.91	690.00	1280.00	1791.50	1808.50	1970.00
14329.000	599.60	0.00	599.61	690.00	143.04	152.71	21.25	690.00	1280.00	1791.50	1808.50	1970.00
14329.000	601.41	0.00	601.42	690.00	331.62	168.12	73.26	690.00	1280.00	1791.50	1808.50	1970.00
14346.000	596.97	0.00	597.01	25.42	0.00	151.00	0.00	690.00	1180.00	1676.00	1705.00	1870.00
14346.000	598.65	0.00	598.65	603.02	133.29	101.30	1.42	690.00	1180.00	1676.00	1705.00	1870.00
14346.000	599.62	0.00	599.62	690.00	215.91	83.76	17.33	690.00	1180.00	1676.00	1705.00	1870.00
14346.000	601.42	0.00	601.42	690.00	409.53	91.77	71.70	690.00	1180.00	1676.00	1705.00	1870.00
15100.000	597.28	0.00	597.34	24.97	0.00	151.00	0.00	340.00	180.00	338.00	368.00	520.00
15100.000	598.71	0.00	598.73	247.57	14.56	169.88	51.56	340.00	180.00	338.00	368.00	520.00
15100.000	599.64	0.00	599.65	340.00	50.33	155.93	110.74	340.00	180.00	338.00	368.00	520.00
15100.000	601.43	0.00	601.44	340.00	164.47	175.59	232.94	340.00	180.00	338.00	368.00	520.00
15786.000	597.60	0.00	597.65	25.05	0.00	151.00	0.00	0.00	0.00	5800.00	5832.00	0.00
15786.000	598.88	0.00	598.94	28.96	0.00	236.00	0.00	0.00	0.00	5800.00	5832.00	0.00
15786.000	599.71	0.00	599.79	39.64	0.00	316.03	0.97	0.00	0.00	5800.00	5832.00	0.00
15786.000	601.45	0.00	601.45	5943.62	449.16	110.82	13.02	0.00	0.00	5800.00	5832.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
10515.000	593.98	0.00	594.12	13.73	0.00	151.00	0.00	0.00	0.00	2893.00	2907.00	0.00
10515.000	594.99	0.00	595.13	13.84	0.00	236.00	0.00	0.00	0.00	2893.00	2907.00	0.00
10515.000	595.90	0.00	596.08	101.94	0.00	315.84	1.16	0.00	0.00	2893.00	2907.00	0.00
10515.000	597.97	0.00	597.97	3499.74	458.66	68.02	46.32	0.00	0.00	2893.00	2907.00	0.00
10744.000	594.18	0.00	594.19	146.44	0.16	150.22	0.62	560.00	2470.00	2670.00	2729.00	3030.00
10744.000	595.18	0.00	595.18	459.61	4.52	187.97	43.52	560.00	2470.00	2670.00	2729.00	3030.00
10744.000	596.14	0.00	596.15	560.00	27.31	181.55	108.14	560.00	2470.00	2670.00	2729.00	3030.00
10744.000	597.97	0.00	597.98	560.00	108.50	214.19	250.31	560.00	2470.00	2670.00	2729.00	3030.00
10903.000	594.19	0.00	594.20	91.07	0.17	150.71	0.13	800.00	1955.00	2670.00	2729.00	2755.00
10903.000	595.19	0.00	595.20	186.35	5.57	223.48	6.95	800.00	1955.00	2670.00	2729.00	2755.00
10903.000	596.15	0.00	596.16	800.00	48.79	252.48	15.73	800.00	1955.00	2670.00	2729.00	2755.00
10903.000	597.98	0.00	597.98	800.00	310.63	237.52	24.85	800.00	1955.00	2670.00	2729.00	2755.00
10918.000	594.20	0.00	594.20	91.23	0.17	150.70	0.13	800.00	1955.00	2670.00	2729.00	2755.00
10918.000	595.19	0.00	595.20	185.83	5.51	223.56	6.92	800.00	1955.00	2670.00	2729.00	2755.00
10918.000	596.15	0.00	596.16	800.00	48.05	253.24	15.71	800.00	1955.00	2670.00	2729.00	2755.00
10918.000	597.98	0.00	597.98	800.00	310.70	237.46	24.84	800.00	1955.00	2670.00	2729.00	2755.00
10933.000	594.20	0.00	594.65	6.90	0.00	151.00	0.00	800.00	1000.00	1696.50	1703.50	1800.00
10933.000	595.19	0.00	595.73	613.26	32.25	203.75	0.00	800.00	1000.00	1696.50	1703.50	1800.00
10933.000	596.16	0.00	596.16	694.17	289.98	27.01	0.01	800.00	1000.00	1696.50	1703.50	1800.00
10933.000	597.98	0.00	597.98	800.00	530.33	11.37	31.30	800.00	1000.00	1696.50	1703.50	1800.00
10957.000	594.41	0.00	594.83	6.91	0.00	151.00	0.00	800.00	1000.00	1696.50	1703.50	1800.00
10957.000	596.06	0.00	596.06	675.83	213.04	22.96	0.00	800.00	1000.00	1696.50	1703.50	1800.00
10957.000	596.16	0.00	596.17	697.79	290.42	26.56	0.02	800.00	1000.00	1696.50	1703.50	1800.00
10957.000	597.98	0.00	597.98	800.00	530.31	11.36	31.33	800.00	1000.00	1696.50	1703.50	1800.00
10966.000	595.08	0.00	595.09	725.49	2.38	112.52	36.10	800.00	2500.00	2670.00	2729.00	3300.00
10966.000	596.06	0.00	596.06	800.00	15.68	109.62	110.70	800.00	2500.00	2670.00	2729.00	3300.00
10966.000	596.17	0.00	596.17	800.00	22.79	141.30	152.91	800.00	2500.00	2670.00	2729.00	3300.00
10966.000	597.98	0.00	597.98	800.00	74.08	157.62	341.30	800.00	2500.00	2670.00	2729.00	3300.00
11921.000	595.10	0.00	595.14	54.51	29.73	121.27	0.00	500.00	1500.00	1601.00	1625.00	2000.00
11921.000	596.06	0.00	596.10	72.32	68.74	167.26	0.00	500.00	1500.00	1601.00	1625.00	2000.00
11921.000	596.16	0.00	596.22	74.18	95.10	221.90	0.00	500.00	1500.00	1601.00	1625.00	2000.00
11921.000	597.99	0.00	598.00	500.00	136.30	165.70	271.00	500.00	1500.00	1601.00	1625.00	2000.00
12721.000	595.49	0.00	595.56	33.66	0.01	146.32	4.67	0.00	0.00	2000.00	2022.00	0.00
12721.000	596.38	0.00	596.47	76.32	7.58	213.38	15.04	0.00	0.00	2000.00	2022.00	0.00
12721.000	596.65	0.00	596.77	100.49	19.08	274.97	22.95	0.00	0.00	2000.00	2022.00	0.00
12721.000	598.08	0.00	598.15	443.16	173.06	333.79	66.15	0.00	0.00	2000.00	2022.00	0.00
13641.000	596.11	0.00	596.18	22.87	0.00	151.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13641.000	597.00	0.00	597.11	25.53	0.00	236.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13641.000	597.46	0.00	597.61	26.90	0.00	317.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00
13641.000	598.63	0.00	598.90	29.00	0.00	573.00	0.00	29.00	1676.00	1676.00	1705.00	1705.00

PRINTED IN U.S.A.

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
7894.000	592.60	0.00	592.64	48.00	19.74	131.26	0.00	48.00	75.00	100.00	123.00	123.00
7894.000	593.22	0.00	593.28	48.00	42.32	193.68	0.00	48.00	75.00	100.00	123.00	123.00
7894.000	593.72	0.00	593.79	48.00	66.69	250.30	0.00	48.00	75.00	100.00	123.00	123.00
7894.000	595.42	0.00	595.52	48.00	159.68	413.32	0.00	48.00	75.00	100.00	123.00	123.00
7965.000	592.63	0.00	592.82	10.45	0.00	151.00	0.00	0.00	0.00	94.00	106.00	0.00
7965.000	593.26	0.00	593.61	10.52	0.00	236.00	0.00	0.00	0.00	94.00	106.00	0.00
7965.000	593.77	0.00	594.28	10.58	0.00	317.00	0.00	0.00	0.00	94.00	106.00	0.00
7965.000	595.48	0.00	596.42	10.77	0.00	573.00	0.00	0.00	0.00	94.00	106.00	0.00
8160.000	592.74	0.00	592.92	10.46	0.00	151.00	0.00	0.00	0.00	94.00	106.00	0.00
8160.000	593.46	0.00	593.77	10.54	0.00	236.00	0.00	0.00	0.00	94.00	106.00	0.00
8160.000	594.06	0.00	594.51	10.61	0.00	317.00	0.00	0.00	0.00	94.00	106.00	0.00
8160.000	596.00	0.00	596.81	10.83	0.00	573.00	0.00	0.00	0.00	94.00	106.00	0.00
8240.000	592.96	0.00	593.03	65.00	8.81	134.94	7.25	65.00	2300.00	2320.00	2339.00	2365.00
8240.000	593.91	0.00	593.98	65.00	29.37	175.21	31.42	65.00	2300.00	2320.00	2339.00	2365.00
8240.000	594.74	0.00	594.80	65.00	49.40	210.49	57.11	65.00	2300.00	2320.00	2339.00	2365.00
8240.000	597.25	0.00	597.30	65.00	111.73	319.81	141.46	65.00	2300.00	2320.00	2339.00	2365.00
8320.000	593.01	0.00	593.08	23.00	0.00	151.00	0.00	0.00	0.00	2304.00	2327.00	0.00
8320.000	593.96	0.00	594.05	23.00	0.00	236.00	0.00	0.00	0.00	2304.00	2327.00	0.00
8320.000	594.78	0.00	594.90	23.00	0.00	317.00	0.00	0.00	0.00	2304.00	2327.00	0.00
8320.000	597.33	0.00	597.33	2623.09	512.38	26.41	34.21	0.00	0.00	2304.00	2327.00	0.00
8332.000	593.02	0.00	593.09	23.00	0.00	151.00	0.00	0.00	0.00	2304.00	2327.00	0.00
8332.000	593.97	0.00	594.07	23.00	0.00	236.00	0.00	0.00	0.00	2304.00	2327.00	0.00
8332.000	594.79	0.00	594.98	23.00	0.00	317.00	0.00	0.00	0.00	2304.00	2327.00	0.00
8332.000	597.53	0.00	597.53	2636.10	512.79	25.02	35.19	0.00	0.00	2304.00	2327.00	0.00
8444.000	593.10	0.00	593.15	94.84	11.32	114.19	25.49	250.00	575.00	600.00	619.00	825.00
8444.000	594.11	0.00	594.13	235.19	30.24	127.85	77.91	250.00	575.00	600.00	619.00	825.00
8444.000	595.02	0.00	595.03	250.00	39.98	122.58	154.44	250.00	575.00	600.00	619.00	825.00
8444.000	597.53	0.00	597.54	250.00	61.45	132.29	379.26	250.00	575.00	600.00	619.00	825.00
9674.000	593.67	0.00	593.73	109.24	6.42	141.77	2.81	400.00	1000.00	1101.00	1123.00	1400.00
9674.000	594.44	0.00	594.48	204.93	47.66	168.39	19.95	400.00	1000.00	1101.00	1123.00	1400.00
9674.000	595.19	0.00	595.21	254.11	93.85	166.85	56.29	400.00	1000.00	1101.00	1123.00	1400.00
9674.000	597.57	0.00	597.58	400.00	190.73	151.30	230.96	400.00	1000.00	1101.00	1123.00	1400.00
10403.000	593.96	0.00	594.01	30.00	0.56	146.88	3.56	30.00	1100.00	1101.00	1123.00	1130.00
10403.000	594.71	0.00	594.78	30.00	1.07	225.30	9.63	30.00	1100.00	1101.00	1123.00	1130.00
10403.000	595.38	0.00	595.49	30.00	1.54	298.86	16.60	30.00	1100.00	1101.00	1123.00	1130.00
10403.000	597.64	0.00	597.80	30.00	2.88	528.68	41.44	30.00	1100.00	1101.00	1123.00	1130.00
10433.000	593.96	0.00	594.05	13.73	0.00	151.00	0.00	0.00	0.00	2893.00	2907.00	0.00
10433.000	594.71	0.00	594.86	13.81	0.00	236.00	0.00	0.00	0.00	2893.00	2907.00	0.00
10433.000	595.39	0.00	595.61	13.88	0.00	317.00	0.00	0.00	0.00	2893.00	2907.00	0.00
10433.000	597.89	0.00	597.89	3480.93	456.15	71.70	45.15	0.00	0.00	2893.00	2907.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
5283.000	591.08	0.00	591.24	168.38	7.16	285.84	0.00	0.00	0.00	292.00	308.00	0.00
5283.000	591.52	0.00	591.67	233.22	38.40	315.54	0.06	0.00	0.00	292.00	308.00	0.00
5283.000	591.69	0.00	591.85	266.48	59.80	345.70	0.49	0.00	0.00	292.00	308.00	0.00
5283.000	592.08	0.00	592.27	344.70	132.44	414.72	4.84	0.00	0.00	292.00	308.00	0.00
5317.000	591.10	0.00	591.33	169.29	14.18	278.82	0.00	0.00	0.00	292.00	308.00	0.00
5317.000	591.54	0.00	591.70	235.61	81.99	271.86	0.15	0.00	0.00	292.00	308.00	0.00
5317.000	591.69	0.00	591.86	265.89	59.51	346.00	0.48	0.00	0.00	292.00	308.00	0.00
5317.000	592.10	0.00	592.28	347.68	134.33	412.59	5.08	0.00	0.00	292.00	308.00	0.00
5417.000	591.41	0.00	591.50	209.39	45.59	247.41	0.00	0.00	0.00	292.00	308.00	0.00
5417.000	591.75	0.00	591.83	278.52	100.42	252.40	1.18	0.00	0.00	292.00	308.00	0.00
5417.000	591.87	0.00	591.95	302.34	131.84	271.54	2.62	0.00	0.00	292.00	308.00	0.00
5417.000	592.34	0.00	592.40	377.55	256.30	281.06	14.64	0.00	0.00	292.00	308.00	0.00
6255.000	591.97	0.00	592.07	80.72	19.23	256.10	17.67	0.00	0.00	100.00	123.00	0.00
6255.000	592.28	0.00	592.39	99.12	30.65	293.00	30.35	0.00	0.00	100.00	123.00	0.00
6255.000	592.45	0.00	592.57	109.00	39.62	326.04	40.34	0.00	0.00	100.00	123.00	0.00
6255.000	592.91	0.00	593.05	127.09	69.90	405.62	76.47	0.00	0.00	100.00	123.00	0.00
6305.000	592.00	0.00	592.16	11.04	0.00	173.00	0.00	0.00	0.00	100.00	111.50	0.00
6305.000	592.32	0.00	592.58	11.07	0.00	234.00	0.00	0.00	0.00	100.00	111.50	0.00
6305.000	592.49	0.00	592.86	11.09	0.00	286.00	0.00	0.00	0.00	100.00	111.50	0.00
6305.000	592.96	0.00	593.67	11.14	0.00	432.00	0.00	0.00	0.00	100.00	111.50	0.00
6365.000	592.13	0.00	592.28	11.05	0.00	173.00	0.00	0.00	0.00	100.00	111.50	0.00
6365.000	592.60	0.00	592.84	11.10	0.00	234.00	0.00	0.00	0.00	100.00	111.50	0.00
6365.000	592.96	0.00	593.28	11.14	0.00	286.00	0.00	0.00	0.00	100.00	111.50	0.00
6365.000	594.28	0.00	594.75	11.28	0.00	432.00	0.00	0.00	0.00	100.00	111.50	0.00
6366.000	592.24	0.00	592.32	11.09	0.00	173.00	0.00	0.00	0.00	94.00	106.00	0.00
6366.000	592.76	0.00	592.90	11.18	0.00	234.00	0.00	0.00	0.00	94.00	106.00	0.00
6366.000	593.17	0.00	593.35	11.24	0.00	286.00	0.00	0.00	0.00	94.00	106.00	0.00
6366.000	594.56	0.00	594.86	11.47	0.00	432.00	0.00	0.00	0.00	94.00	106.00	0.00
6405.000	592.26	0.00	592.35	11.09	0.00	173.00	0.00	0.00	0.00	94.00	106.00	0.00
6405.000	592.83	0.00	592.97	11.19	0.00	234.00	0.00	0.00	0.00	94.00	106.00	0.00
6405.000	593.29	0.00	593.47	11.26	0.00	286.00	0.00	0.00	0.00	94.00	106.00	0.00
6405.000	594.98	0.00	595.25	11.54	0.00	432.00	0.00	0.00	0.00	94.00	106.00	0.00
6417.000	592.32	0.00	592.36	35.00	6.09	160.16	6.75	35.00	95.00	100.00	123.00	130.00
6417.000	592.93	0.00	592.98	35.00	9.35	213.39	11.27	35.00	95.00	100.00	123.00	130.00
6417.000	593.43	0.00	593.49	35.00	12.20	258.39	15.41	35.00	95.00	100.00	123.00	130.00
6417.000	595.21	0.00	595.28	35.00	20.53	382.96	28.51	35.00	95.00	100.00	123.00	130.00
6967.000	592.43	0.00	592.44	225.98	15.67	78.77	56.56	0.00	0.00	100.00	123.00	0.00
6967.000	593.05	0.00	593.06	262.61	39.93	95.13	100.94	0.00	0.00	100.00	123.00	0.00
6967.000	593.56	0.00	593.57	276.50	65.70	108.77	142.54	0.00	0.00	100.00	123.00	0.00
6967.000	595.32	0.00	595.33	337.49	154.27	135.30	283.43	0.00	0.00	100.00	123.00	0.00

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THIS RUN EXECUTED 1 MAR 84 11:05:15

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BROWNSTOWN CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	587.70	0.00	587.71	420.00	80.24	177.89	221.88	0.00	0.00	275.00	300.00	0.00
0.000	588.30	0.00	588.31	495.00	115.63	202.09	332.28	0.00	0.00	275.00	300.00	0.00
0.000	588.40	0.00	588.41	511.03	127.44	214.73	367.83	0.00	0.00	275.00	300.00	0.00
0.000	588.90	0.00	588.91	591.21	160.67	228.07	471.26	0.00	0.00	275.00	300.00	0.00
44.000	587.71	0.00	588.40	11.53	0.00	480.00	0.00	0.00	0.00	1094.20	1105.80	0.00
44.000	588.31	0.00	589.36	11.55	0.00	650.00	0.00	0.00	0.00	1094.20	1105.80	0.00
44.000	588.41	0.00	589.63	11.56	0.00	710.00	0.00	0.00	0.00	1094.20	1105.80	0.00
44.000	588.91	0.00	590.47	11.58	0.00	860.00	0.00	0.00	0.00	1094.20	1105.80	0.00
123.000	589.34	0.00	589.77	11.59	0.00	480.00	0.00	0.00	0.00	1094.20	1105.80	0.00
123.000	589.78	0.00	590.49	126.04	0.66	647.80	1.54	0.00	0.00	1094.20	1105.80	0.00
123.000	589.80	0.00	590.64	136.20	0.93	707.01	2.06	0.00	0.00	1094.20	1105.80	0.00
123.000	589.80	0.00	591.02	137.79	1.17	856.26	2.57	0.00	0.00	1094.20	1105.80	0.00
183.000	589.81	0.00	589.83	135.00	130.98	218.31	130.71	135.00	1015.00	1075.00	1100.00	1150.00
183.000	590.55	0.00	590.57	135.00	190.17	276.83	183.00	135.00	1015.00	1075.00	1100.00	1150.00
183.000	590.71	0.00	590.73	135.00	210.30	298.65	201.05	135.00	1015.00	1075.00	1100.00	1150.00
183.000	591.13	0.00	591.16	135.00	262.15	351.10	246.75	135.00	1015.00	1075.00	1100.00	1150.00
2483.000	589.95	0.00	589.95	696.08	102.37	118.27	259.36	700.00	400.00	600.00	630.00	1100.00
2483.000	590.68	0.00	590.68	700.00	146.03	126.18	377.79	700.00	400.00	600.00	630.00	1100.00
2483.000	590.84	0.00	590.84	700.00	161.16	131.90	416.94	700.00	400.00	600.00	630.00	1100.00
2483.000	591.27	0.00	591.27	700.00	199.91	144.24	515.85	700.00	400.00	600.00	630.00	1100.00
3883.000	590.05	0.00	590.15	178.92	51.46	286.95	141.59	700.00	1725.00	1750.00	1774.00	2425.00
3883.000	590.75	0.00	590.82	218.99	76.85	322.34	250.81	700.00	1725.00	1750.00	1774.00	2425.00
3883.000	590.92	0.00	590.99	228.36	84.63	338.31	287.06	700.00	1725.00	1750.00	1774.00	2425.00
3883.000	591.34	0.00	591.41	252.10	103.16	372.52	384.32	700.00	1725.00	1750.00	1774.00	2425.00
5233.000	591.07	0.00	591.14	194.95	41.57	246.80	4.62	300.00	150.00	300.00	326.00	450.00
5233.000	591.51	0.00	591.56	205.96	90.72	252.78	10.49	300.00	150.00	300.00	326.00	450.00
5233.000	591.67	0.00	591.73	213.61	117.97	273.32	14.72	300.00	150.00	300.00	326.00	450.00
5233.000	592.06	0.00	592.13	224.58	197.37	324.84	29.79	300.00	150.00	300.00	326.00	450.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	TITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	2.34	2.60	0.00	9.00	0.00	32.00	0.00	594.45	594.45

*SECNO 17833.000
6870 D.S. ENERGY OF 602.21 HIGHER THAN COMPUTED ENERGY OF 602.17
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
613.66	602.21	0.00	505.	68.	32.	44.	599.30	600.46

17833.00	7.56	602.01	0.00	0.00	602.21	0.20	0.00	0.00	600.82
573.	53.	317.	202.	67.	67.	216.	519.	274.	600.75
6.71	0.79	4.70	0.94	0.050	0.019	0.050	0.000	594.45	4160.79
0.000785	92.	92.	92.	2	0	7	0.00	290.43	4451.21

CCHV= 0.100 CEHV= 0.300
*SECNO 17844.000

17844.00	7.72	602.17	0.00	0.00	602.23	0.06	0.01	0.01	600.82
573.	80.	208.	284.	81.	69.	247.	519.	274.	600.75
6.71	0.99	3.00	1.15	0.050	0.035	0.050	0.000	594.45	4154.68
0.001054	11.	11.	11.	2	0	0	0.00	306.30	4461.48

*SECNO 18144.000
CORPORATE BOUNDARY-SEC 26

18144.00	6.84	602.44	0.00	0.00	602.51	0.07	0.27	0.00	601.00
573.	203.	253.	117.	165.	82.	131.	522.	276.	600.90
6.76	1.23	2.91	0.89	0.050	0.035	0.050	0.000	595.60	1002.91
0.000783	300.	300.	300.	0	0	0	0.00	247.28	1250.19

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
15100.00	8.93	601.43	0.00	0.00	601.44	0.01	0.01	0.00	598.80
573.	164.	176.	233.	441.	199.	542.	408.	147.	598.63
5.54	0.37	0.88	0.43	0.050	0.035	0.050	0.000	592.50	180.00
0.000040	754.	754.	754.	0	0	0	0.00	340.00	520.00

CCHV= 0.100 CEHV= 0.300
*SECNO 15786.000
1400 FT UPSTREAM OF GUDITH RD-SEC 23

15786.00	8.65	601.45	0.00	0.00	601.45	0.00	0.02	0.00	600.60
573.	449.	111.	13.	4328.	198.	99.	453.	196.	599.00
6.53	0.10	0.56	0.13	0.050	0.035	0.050	0.000	592.80	0.92
0.000018	686.	686.	686.	0	0	0	0.00	5943.62	5944.54

*SECNO 16886.000

3470 ENCROACHMENT STATIONS= 3950.0 4031.0 TYPE= 1 TARGET= 81.000
900 FT DOWNSTREAM OF CARTER RD-SEC 24

16886.00	7.21	601.41	0.00	0.00	601.56	0.15	0.06	0.05	599.90
573.	40.	533.	0.	49.	165.	0.	515.	272.	100000.00
6.63	0.81	3.24	0.00	0.050	0.035	0.050	0.000	594.20	3950.00
0.000744	1100.	1100.	1100.	2	0	0	0.00	81.00	4031.00

*SECNO 17703.000

3470 ENCROACHMENT STATIONS= 4000.0 4031.0 TYPE= 1 TARGET= 31.000

17703.00	7.78	601.98	0.00	0.00	602.14	0.15	0.58	0.00	599.90
573.	0.	573.	0.	0.	183.	0.	518.	274.	100000.00
6.70	0.00	3.14	0.00	0.050	0.035	0.050	0.000	594.20	4000.00
0.000671	817.	817.	817.	2	0	0	0.00	31.00	4031.00

CCHV= 0.600 CEHV= 1.000
*SECNO 17741.000
CULVERT AT CARTER RD-SEC 25

17741.00	7.56	602.01	0.00	0.00	602.21	0.20	0.03	0.05	600.82
573.	53.	319.	201.	67.	67.	214.	519.	274.	600.75
6.70	0.79	4.73	0.94	0.050	0.019	0.050	0.000	594.45	4161.11
0.000794	38.	38.	38.	0	0	0	0.00	289.55	4450.67

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

3470 ENCROACHMENT STATIONS= 1230.0 1970.0 TYPE= 1 TARGET= 740.000
TWIN CULVERT AT GUDITH RD-SEC 21

14237.00	8.34	599.84	0.00	0.00	599.86	0.02	0.00	0.02	597.67
573.	287.	243.	43.	1224.	136.	235.	369.	136.	597.79
5.08	0.23	1.78	0.18	0.050	0.011	0.050	0.000	591.50	1230.00
0.000022	62.	62.	62.	0	0	0	0.00	740.00	1970.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.58	2.60	0.00	17.00	0.00	34.00	0.00	591.50	591.50

*SECNO 14329.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
606.81	599.86	0.00	300.	273.	34.	54.	594.68	597.67

3470 ENCROACHMENT STATIONS= 1280.0 1970.0 TYPE= 1 TARGET= 690.000

14329.00	9.91	601.41	0.00	0.00	601.42	0.01	1.56	0.00	597.67
573.	332.	168.	73.	1921.	163.	490.	374.	138.	597.79
5.14	0.17	1.03	0.15	0.050	0.011	0.050	0.000	591.50	1280.00
0.000006	92.	92.	92.	0	0	3	0.00	690.00	1970.00

*SECNO 14346.000

3470 ENCROACHMENT STATIONS= 1180.0 1870.0 TYPE= 1 TARGET= 690.000

14346.00	9.62	601.42	0.00	0.00	601.42	0.00	0.00	0.00	598.00
573.	410.	92.	72.	1963.	217.	443.	375.	138.	598.30
5.16	0.21	0.42	0.16	0.050	0.035	0.050	0.000	591.80	1180.00
0.000008	17.	17.	17.	0	0	0	0.00	690.00	1870.00

*SECNO 15100.000

3470 ENCROACHMENT STATIONS= 180.0 520.0 TYPE= 1 TARGET= 340.000
800 FT UPSTREAM OF GUDITH RD-SEC 22

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	IIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
602.37	599.54	0.00	275.	300.	49.	58.		596.63	598.92
13759.00	8.83	599.69	0.00	0.00	599.71	0.01	0.17	0.00	599.13
573.	334.	156.	83.	1313.	88.	532.	358.	131.	599.13
4.83	0.25	1.77	0.16	0.050	0.019	0.050	0.000	590.86	0.93
0.000103	76.	76.	76.	1	0	4	0.00	3188.34	3189.27

CCHV= 0.100 CEHV= 0.300
*SECNO 13771.000

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 1 TARGET= 29.000

13771.00	7.77	599.57	0.00	0.00	599.76	0.19	0.00	0.05	598.00
573.	0.	573.	0.	0.	164.	0.	358.	131.	100000.00
4.83	0.00	3.50	0.00	0.050	0.035	0.050	0.000	591.80	1676.00
0.000888	12.	12.	12.	2	0	0	0.00	29.00	1705.00

*SECNO 13883.000

3470 ENCROACHMENT STATIONS= 1530.0 1830.0 TYPE= 1 TARGET= 300.000

13883.00	7.99	599.79	0.00	0.00	599.82	0.03	0.04	0.02	598.00
573.	216.	290.	67.	322.	170.	147.	359.	132.	598.30
4.85	0.67	1.71	0.46	0.050	0.035	0.050	0.000	591.80	1530.00
0.000179	112.	112.	112.	2	0	0	0.00	300.00	1830.00

*SECNO 14175.000

3470 ENCROACHMENT STATIONS= 1100.0 1830.0 TYPE= 1 TARGET= 730.000

14175.00	8.04	599.84	0.00	0.00	599.84	0.00	0.02	0.00	598.00
573.	417.	125.	30.	1376.	171.	153.	367.	135.	598.30
5.06	0.30	0.73	0.20	0.050	0.035	0.050	0.000	591.80	1100.00
0.000033	292.	292.	292.	2	0	0	0.00	730.00	1830.00

CCHV= 0.600 CEHV= 1.000
*SECNO 14237.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 12721.000

1000 FT DOWNSTREAM OF WEST-RD SEC 18

12721.00	7.18	598.68	0.00	0.00	598.15	0.07	0.13	0.02	595.40
573.	173.	334.	66.	233.	123.	76.	350.	123.	594.00
4.73	0.74	2.70	0.87	0.050	0.035	0.050	0.000	590.90	1740.12
0.000445	800.	800.	800.	2	0	0	0.00	443.16	2183.28

*SECNO 13641.000

3470 ENCROACHMENT STATIONS= 1676.0 1705.0 TYPE= 1 TARGET= 29.000

13641.00	6.83	598.63	0.00	0.00	598.50	0.28	0.69	0.06	598.00
573.	0.	573.	0.	0.	136.	0.	356.	128.	100000.00
4.79	0.00	4.21	0.00	0.050	0.035	0.050	0.000	591.60	1676.00
0.001523	920.	920.	920.	2	0	0	0.00	29.00	1705.00

CCHV= 0.600 CEHV= 1.000

*SECNO 13683.000

3301 HV CHANGED MORE THAN HVINS

CULVERT AT WEST RD-SEC 19

13683.00	7.84	598.70	0.00	0.00	599.54	0.84	0.07	0.56	599.13
573.	0.	573.	0.	0.	78.	0.	356.	128.	599.13
4.79	0.00	7.36	0.00	0.050	0.019	0.050	0.000	590.86	1695.00
0.001994	42.	42.	42.	2	0	0	0.00	9.99	1705.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.73	2.60	0.00	10.00	0.00	49.00	0.00	590.86	590.86

*SECNO 13759.000

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 10933.000

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS=			1000.0	1800.0	TYPE=	1	TARGET=	800.000	
CULVERT AT GRIX RD-SEC 16									
10933.00	8.48	597.98	0.00	0.00	597.98	0.00	0.00	0.00	596.45
573.	530.	11.	31.	1939.	43.	162.	291.	100.	596.49
4.19	0.27	0.26	0.19	0.050	0.035	0.050	0.000	589.50	1000.00
0.000022	15.	15.	15.	0	0	0	-13.13	800.00	1800.00

*SECNO 10957.000

3370 NORMAL BRIDGE,NRD= 12 MIN ELTRD= 595.10 MAX ELLC= 595.58

3470 ENCROACHMENT STATIONS=			1000.0	1800.0	TYPE=	1	TARGET=	800.000	
10957.00	8.48	597.98	0.00	0.00	597.98	0.00	0.00	0.00	596.45
573.	530.	11.	31.	1941.	43.	163.	292.	100.	596.49
4.21	0.27	0.26	0.19	0.050	0.035	0.050	0.000	589.50	1000.00
0.000022	24.	24.	24.	0	0	0	-13.13	800.00	1800.00

*SECNO 10966.000

3470 ENCROACHMENT STATIONS=			2500.0	3300.0	TYPE=	1	TARGET=	800.000	
10966.00	8.68	597.98	0.00	0.00	597.98	0.00	0.00	0.00	593.70
573.	74.	158.	341.	499.	417.	2028.	293.	100.	594.00
4.22	0.15	0.38	0.17	0.050	0.035	0.050	0.000	589.30	2500.00
0.000006	9.	9.	9.	0	0	0	0.00	800.00	3300.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11921.000

3470 ENCROACHMENT STATIONS=			1500.0	2000.0	TYPE=	1	TARGET=	500.000	
1000 FT UPSTREAM OF GRIX RD-SEC 17									
11921.00	7.49	597.99	0.00	0.00	598.00	0.01	0.01	0.00	593.00
573.	136.	166.	271.	239.	137.	669.	336.	114.	596.20
4.62	0.57	1.21	0.40	0.050	0.035	0.050	0.000	590.50	1500.00
0.000086	955.	955.	955.	0	0	0	0.00	500.00	2000.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	CLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
600.35	597.49	0.00	469.	108.	57.	84.		593.89	595.63
10515.00	9.67	597.97	0.00	0.00	597.97	0.00	0.09	0.00	596.51
573.	459.	68.	46.	5774.	121.	764.	259.	86.	596.51
3.84	0.08	0.56	0.06	0.050	0.011	0.050	0.000	588.30	0.78
0.000003	82.	82.	82.	0	0	7	0.00	3499.74	3500.51

CCHV= 0.300 CEHV= 0.500
*SECNO 10744.000

3470 ENCROACHMENT STATIONS= 2470.0 3030.0 TYPE= 1 TARGET= 560.000
200 FT UPSTREAM OF HALL RD-SEC 15

10744.00	8.67	597.97	0.00	0.00	597.58	0.00	0.00	0.00	593.70
573.	109.	214.	250.	554.	417.	1085.	282.	97.	594.00
4.03	0.20	0.51	0.23	0.050	0.035	0.050	0.000	589.30	2470.00
0.000011	229.	229.	229.	0	0	0	0.00	560.00	3030.00

CCHV= 0.600 CEHV= 1.000
*SECNO 10903.000

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10903.00	8.68	597.98	0.00	0.00	597.98	0.00	0.00	0.00	593.70
573.	311.	238.	25.	1623.	417.	101.	290.	99.	594.00
4.16	0.19	0.57	0.25	0.050	0.035	0.050	0.000	589.30	1955.00
0.000014	159.	159.	159.	0	0	0	0.00	800.00	2755.00

*SECNO 10918.000

3470 ENCROACHMENT STATIONS= 1955.0 2755.0 TYPE= 1 TARGET= 800.000

10918.00	8.68	597.98	0.00	0.00	597.98	0.00	0.00	0.00	593.70
573.	311.	237.	25.	1624.	417.	101.	290.	99.	594.00
4.17	0.19	0.57	0.25	0.050	0.035	0.050	0.000	589.30	1955.00
0.000014	15.	15.	15.	0	0	0	0.00	800.00	2755.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
8444.00	8.73	597.53	0.00	0.00	597.54	0.01	0.00	0.00	592.00
573.	61.	132.	379.	131.	143.	839.	200.	65.	591.60
2.92	0.47	0.93	0.45	0.050	0.035	0.050	0.000	588.80	575.00
0.000035	112.	112.	112.	0	0	0	0.00	250.00	825.00

*SECNO 9674.000

3470 ENCROACHMENT STATIONS= 1000.0 1400.0 TYPE= 1 TARGET= 400.000
800 FT DOWNSTREAM OF HALL RD-SEC 13

9674.00	8.77	597.57	0.00	0.00	597.58	0.01	0.04	0.00	592.50
573.	191.	151.	231.	410.	161.	654.	233.	74.	592.80
3.55	0.47	0.94	0.35	0.050	0.035	0.050	0.000	588.80	1000.00
0.000038	1230.	1230.	1230.	2	0	0	0.00	400.00	1400.00

CCHV= 0.600 CEHV= 1.000
*SECNO 10403.000

3470 ENCROACHMENT STATIONS= 1100.0 1130.0 TYPE= 1 TARGET= 30.000

10403.00	8.84	597.64	0.00	0.00	597.80	0.15	0.07	0.15	592.50
573.	3.	529.	41.	5.	162.	33.	244.	78.	592.80
3.61	0.56	3.26	1.27	0.050	0.035	0.050	0.000	588.80	1100.00
0.000452	729.	729.	729.	2	0	0	0.00	30.00	1130.00

*SECNO 10433.000
TWIN CULVERT AT HALL RD-SEC 14

10433.00	9.59	597.89	0.00	0.00	597.89	0.00	0.00	0.09	596.51
573.	456.	72.	45.	5519.	120.	713.	247.	79.	596.51
3.67	0.08	0.60	0.06	0.050	0.011	0.050	0.000	588.30	0.79
0.000003	30.	30.	30.	2	0	0	0.00	3480.93	3481.72

SPECIAL BRIDGE

SB	XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.57	2.60	0.00	14.00	0.00	57.00	0.00	587.90	588.30

*SECNO 10515.000
PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

X3	0	0	0	739.0	584.20	761.0	584.20			
GR	585.	0.0	580.0	200.0	577.2	491.0	576.0	611.0	576.820	733.000
GR575.05		-738.0	578.950	-750.0	575.050	784.0	580.770	769.0	580.9	991.000
GR	580.	1500.0	585.0	1700.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.080	0.080	0.060	0.3	0.5	0.0	0.0	0.0	0.0	0.000
SB	0.0	1.480	3.0	1600.0	21.0	0.0	115.0	0.0	0.0	0.000
BT	2.0	1090.0	785.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X13403.0		10.0	785.0	825.0	14.0	14.0	14.0	0.0	0.0	0.000
X2	0.0	0.0	1.0	560.450	584.2	0.0	0.0	0.0	0.0	0.000
X3	0	0	0	789.0	584.20	811.0	584.20			
BT	5.0	0.0	584.2	584.2	785.0	584.2	583.52	791.0	584.2	580.45
BT	812.0	584.2	580.45	1600.0	584.2	584.2	0.0	0.0	0.0	0.0
GR	584.2	0.0	582.0	510.0	583.320	785.0	575.050	791.0	574.950	800.000
GR575.05		812.0	578.570	815.0	580.0	825.0	580.1	1110.0	584.2	1600.000
NC	0.130	0.055	0.055	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X13403.0		14.0	664.0	735.0	40.0	40.0	40.0	0.0	0.0	0.000
X3	0	0	0	649.0	584.2	751.0	584.2	0	0	0
GR	585.	0.0	580.0	150.0	576.2	404.0	576.2	494.0	576.2	664.000
GR	573.	670.0	572.5	700.0	575.0	730.0	577.2	735.0	577.2	814.000
GR577.10		924.0	576.9	1064.0	580.0	1075.0	585.0	1400.0	0.0	0.000
X13483.0		14.0	640.0	660.0	40.0	40.0	40.0	0.0	0.0	0.000
X3	0	0	0	559.0	584.20	741.0	584.20			
GR	585.	0.0	580.0	150.0	581.7	310.0	581.9	640.0	573.0	642.000
GR572.50		650.0	573.0	658.0	581.9	660.0	582.4	690.0	581.6	770.000
GR581.50		840.0	581.9	940.0	580.0	1100.0	585.0	1300.0	0.0	0.000
X13521.0		17.0	589.0	619.0	38.0	38.0	38.0	0.0	0.0	0.000
X3	0	0	0	471.0	584.20	729.0	584.20			
GR	585.	0.0	580.0	100.0	581.720	266.0	581.670	406.0	581.920	551.000
GR581.82		589.0	574.720	591.0	572.120	600.0	572.020	609.0	580.420	611.000
GR582.12		619.0	582.170	629.0	581.170	669.0	581.020	724.0	582.220	869.000
GR582.17		919.0	585.0	1200.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.120	0.150	0.060	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X14266.0		21.0	582.0	608.0	745.0	745.0	745.0	0.0	0.0	0.000
X3	0	0	0	216.0	583.40	534.0	583.40			
GR	585.	0.0	580.0	125.0	579.770	178.0	575.470	500.0	576.470	523.000
GR577.27		338.0	577.470	343.0	577.470	348.0	577.570	353.0	577.320	382.000
GR575.92		384.0	572.270	373.0	574.870	366.0	579.220	388.0	580.110	416.000
GR580.02		470.0	580.220	500.0	580.670	515.0	580.460	540.0	582.850	580.000
GR	585.	600.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.120	0.150	0.060	0.1	0.3	0.0	0.0	0.0	0.0	0.000
ET	0.0	0.0	0.0	0.0	1.410	0.0	0.0	0.0	0.0	0.000 ← ET
X14617.0		15.0	250.0	320.0	351.0	351.0	351.0	0.0	0.0	0.000
X3	0	0	0	214.0	583.4	356.0	583.40			
GR	585.	0.0	580.0	120.0	580.0	160.0	578.0	240.0	577.5	250.000
GR572.50		260.0	572.460	265.0	572.5	310.0	578.0	320.0	578.2	330.000
GR	585.	331.0	585.0	365.0	579.0	346.0	580.0	415.0	585.0	416.000
NC	0.050	0.050	0.035	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X14797.0		12.0	333.0	427.0	120.0	180.0	260.0	0.0	0.0	0.000
X3	0	0	0	353.0	583.4	405.0	583.40			
GR584.10		40.0	583.0	290.0	580.0	300.0	579.310	333.0	576.060	348.000
GR572.46		379.0	576.160	409.0	578.660	419.0	580.0	427.0	582.0	500.000
GR	584.	564.0	585.7	628.0	0.0	0.0	0.0	0.0	0.0	0.000
PL	0.055	0.055	0.055	0.3	0.5	0.0	0.0	0.0	0.0	0.000
SB	0.0	1.530	3.0	0.0	51.0	0.0	377.4	0.0	572.460	572.460
X14844.0		15.0	340.0	389.0	51.0	51.0	51.0	0.0	0.0	0.000
X2	0.0	0.0	1.0	579.660	583.4	0.0	0.0	0.0	0.0	0.000
X3	10.0	0.0	0.0	0.0	0.0	0.0	0.0	585.0	585.0	0.0
BT	9.0	40.0	584.1	584.10	300.0	583.4	582.0	340.0	583.650	579.760
BT	341.	584.580	579.860	584.0	584.580	579.660	584.0	584.020	582.0	439.000
BT584.44		584.2	585.0	585.6	585.6	629.0	585.64	585.44	0.0	0.0
GR584.10		40.0	583.0	290.0	582.0	300.0	579.760	340.0	579.760	340.000
GR573.81		341.0	572.460	359.0	572.960	388.0	580.020	388.1	582.0	389.000
GR	582.	425.0	584.0	435.0	584.2	459.0	585.6	585.0	585.640	629.000
X14919.0		0.0	0.0	0.0	71.0	71.0	71.0	0.0	0.0	0.000
X3	0	0	0	353.0	582.97	385.0	582.97			
X14990.0		14.0	510.0	610.0	71.0	71.0	71.0	0.0	0.0	0.000

J1	0	3	0	0	0	0	0	0	580.06	
J2	-1	0	-1							
J3	110.	150.0	200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
BT	2.0	1050.0	780.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.060	0.060	0.035	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X1	0.0	14.0	435.0	460.0	0.0	0.0	0.0	0.0	1.430	0.000
X3	0.0	0.0	0.0	100.0	0.0	714.0	0.0	0.0	0.0	0.000
GR	580.40	0.0	580.4	60.0	578.6	60.0	576.6	100.0	574.6	130.000
GR	573.70	410.0	573.6	435.0	569.3	450.0	573.7	460.0	573.8	475.000
GR	574.60	630.0	576.6	625.0	578.6	910.0	579.0	1030.0	0.0	0.000
X1	1.0	24.0	410.0	432.8	32.0	32.0	32.0	0.0	0.0	0.000
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	577.0	577.0	0.000
GR	600.	0.0	578.8	1.0	576.1	200.0	577.3	401.0	577.3	410.000
GR	572.20	412.1	570.1	412.9	569.5	414.9	570.1	416.8	572.2	417.600
GR	572.20	420.1	570.1	420.9	569.5	422.9	570.1	424.8	572.2	425.600
GR	572.20	428.1	570.1	428.9	569.5	430.9	570.1	432.8	572.2	433.600
GR	577.30	434.	577.3	450.0	577.4	680.0	600.0	681.0	0.0	0.000
NC	0.020	0.018	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X1	2.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.000
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	577.0	577.0	0.000
SB	0.0	1.96	3.0	0.0	7.9	0.0	71.27	1.0	569.5	569.5
BT	2.0	1060.0	760.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X1	3.0	0.0	0.0	0.0	38.0	38.0	38.0	0.0	0.0	0.000
X2	0.0	0.0	1.0	575.0	578.7	0.0	0.0	0.0	0.0	0.0
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	578.7	578.7	0.000
BT	20.0	1.0	580.2	578.8	200.0	579.5	576.1	401.0	578.7	577.3
BT	412.10	578.7	572.2	412.9	578.7	574.5	414.9	578.7	575.0	416.800
BT	576.70	574.5	417.6	578.7	572.2	420.1	578.7	572.2	420.9	578.700
BT	574.50	422.9	578.7	575.0	424.8	578.7	574.5	425.6	578.7	572.200
BT	428.10	578.7	572.2	428.9	578.7	574.5	430.9	578.7	575.0	432.600
BT	578.70	574.5	433.6	578.7	572.2	450.0	578.7	577.3	680.0	578.800
BT	577.4	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.120	0.120	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.000
X1	4.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.000
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	578.7	578.7	0.000
NC	0.120	0.1	0.040	0.1	0.3	0.0	0.0	0.0	0.0	0.000
NH	4.0	0.120	50.0	0.055	410.0	0.035	432.8	0.120	681.0	0.000
X1	291.	25.0	410.0	432.8	50.0	50.0	50.0	0.0	0.0	0.000
X3	10.0	570.0	0.0	0.0	0.0	0.0	0.0	577.0	577.0	0.000
GR	600.	0.0	578.8	1.0	576.6	50.0	578.1	200.0	577.3	401.000
GR	577.30	410.0	572.2	412.1	570.1	412.9	569.5	414.9	570.1	416.800
GR	572.20	417.6	572.2	420.1	570.1	420.9	569.5	422.9	570.1	424.800
GR	572.20	425.6	572.2	428.1	570.1	428.9	569.5	430.9	570.1	432.800
GR	572.20	433.6	577.3	434.0	577.3	450.0	577.4	680.0	600.0	681.000
NC	0.105	0.105	0.050	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	1939.0	15.0	610.0	600.0	1648.0	1648.0	1648.0	0.0	0.0	0.000
GR	565.	0.0	580.0	275.0	576.370	415.0	576.420	515.0	576.620	595.000
GR	576.25	610.0	571.3	615.0	571.270	625.0	571.3	637.0	575.640	680.000
GR	575.84	702.0	576.670	759.0	578.370	837.0	580.0	850.0	585.0	1000.000
NC	0.150	0.150	0.070	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	2659.0	25.0	883.0	922.0	720.0	720.0	720.0	0.0	0.0	0.000
X3	0	0	0	707.0	584.20	1093.0	594.20			
GR	585.	0.0	584.5	75.0	592.5	76.0	592.5	99.0	584.5	100.000
GR	584.50	200.0	592.5	201.0	592.5	224.0	584.5	225.0	580.0	400.000
GR	579.47	676.0	575.920	720.0	576.020	738.0	576.220	803.0	577.820	858.000
GR	576.22	883.0	574.070	888.0	575.420	900.0	574.620	912.0	575.720	915.000
GR	576.42	922.0	576.070	1042.0	576.120	1112.0	590.0	1150.0	585.0	1250.000
NC	0.105	0.145	0.060	0.1	0.3	0.0	0.0	0.0	0.0	0.000
X1	5184.0	12.0	683.0	719.0	530.0	530.0	530.0	0.0	0.0	0.000
X3	0	0	0	659.0	584.2	761.0	584.2	0	0	0
GR	585.	0.0	580.0	325.0	575.2	490.0	575.5	650.0	576.0	883.000
GR	574.	688.0	573.5	700.0	574.0	714.0	576.0	719.0	578.0	810.000
GR	580.90	985.0	584.5	1000.0	0.0	0.0	0.0	0.0	0.0	0.000
NC	0.055	0.140	0.060	0.3	0.5	0.0	0.0	0.0	0.0	0.000
X1	3389.0	12.0	733.0	769.0	160.0	200.0	200.0	0.0	0.0	0.000

```
1C
 C  42.
 C  0.000 X-SECT. D/S OF VREELAND RD. FROM GIBRALTAR F16
 C  1.000 X-SECT. 1 FOOT D/S OF VREELAND RD.   GLBR. SECT. 10654.
 C  2.000 X-SECT. D/S FACE OF VREELAND RD.   GLBR. SECT. 10665.
 C  3.000 X-SECT. U/S FACE OF VREELAND RD.   GLBR. SECT. 10693.
 C  4.000 X-SECT. 1 FOOT U/S OF VREELAND RD.   GLBR. SECT. 10694.
 C  291.0 BASED ON FIELD NOTES & QUAD MAP
 C  1939.0 SECTION SAME AS 14321  FIELD BOOK 955
 C  2659.0 SECTION SAME AS 13601
 C  3189.0 BASED ON FIELD NOTES & QUAD MAP
 C  3389.0 D/S FACE  PENN CENTRAL
 C  3403.0 U/S FACE  PENN CENTRAL
 C  3443.0 BASED ON FIELD NOTES & QUAD MAP
 C  3483.0 ABANDONED ABUTMENT BY PENN CENTRAL
 C  3521.0 SECTION SAME AS 12739
 C  4266.0 SECTION SAME AS 11994
 C  4617.0 STOPPED AT HOUSE LINE  BASED ON FIELD NOTES & QUAD MAP
 C  4797.0 D/S FACE OF FORT ST.  NB
 C  4848.0 U/S FACE OF FORT ST.  NB
 C  4998.0 D/S FACE OF FORT ST.  SB   1919 ?
 C  5041.0 U/S FACE OF FORT ST.  SB
 C  5649.0 D/S OF VAN HORN RD.
 C  5681.0 U/S OF VAN HORN RD.
 C  5934.0 D/S 87   BY 136 CULVERT
 C  6022.0 U/S 87   BY 136 CULVERT
 C  6270.0 D/S OF DT & I R.R.
 C  6282.0 U/S OF DT & I R.R.
 C  6982.0 SECTION SAME AS 9332
 C  8164.0 D/S OF MARION DR.
 C  8220.0 U/S OF MARION DR.
 C  9426.0 SECTION SAME AS 6334
 C  10994. D/S OF WEST RD.
 C  11078. U/S OF WEST RD.
 C  13597. D/S OF HARRISON RD.
 C  13655. U/S OF HARRISON RD.
 C  15365. SECTION SAME AS 195
 C  15374. PROFILE LINE C 210:  SOUTH OF PROPOSED SUB.
 C  15534. DOWNSTREAM OF SUBDIVISION
 C  15584. PROFILE LINE B 616:  SOUTH OF KING RD. SOUTH OF PROPOSED SUB.
 C  15634. DUMMY SECT. 50 FT. INSIDE S.PROPLINE REPEAT SECT. 15534 W/PROP.FL.
 C  15840. PROFILE LINE A 310:  SOUTH OF KING RD.
 C  16252. D/S OF KING RD.
 C  16285. U/S OF KING RD.
 T1 CITY OF TRENTON, STARTING HGEL BASED ON [illegible] REALTER ERROR CORRECTION
 T2 10 YEAR STORM(ONR FLOWS) A. REVISED 5/[illegible]
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HECTEN   12:00 MAY 24,'82
442 LINE(S) SELECTED.
UPDATED WORK FILE FREEDAT
DOE VERSION 2.1A IS AVAILABLE. NASTRAN VERSION 61B IS
ALSO AVAILABLE. HOST NO LONGER PROMPTS FOR JOB ID FOR
CYBER JOBS.
442 LINE(S) SELECTED.
UPDATED WORK FILE SYSIN
1   82/05/24. 10.30.49.   NOS 1.4 - LS18.   OLIDOVO   PRIORITY P30   MCAUTO - CYBER 750-A 750A.
```

10 YEAR DATE FRAME

THIS RUN EXECUTED 1 MAR 84 15:17:11

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
**************************************************

C
T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      10 YEAR FREQUENCY FLOOD
T3      CLEE DRAIN WEST-NEW

J1  ICHECK     INQ       NINV      IDTR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       2.        0.        0.  0.000000      0.00      0.0       0.   592.380    0.000

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    1.000      0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

J3  VARIABLE CODES FOR SUMMARY PRINTOUT

    110.000   150.000   201.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000


NC      0.070     0.070     0.035     0.100     0.300     0.000     0.000     0.000     0.000     0.000
GT      4.000   180.000   285.000   345.000   470.000     0.000     0.000     0.000     0.000     0.000
X1     50.000     8.000   700.000   750.000     0.000     0.000     0.000     0.000     0.000     0.000
X3      0.000     0.000     0.000   700.000     0.000   750.000     0.000     0.000     0.000     0.000
GR    600.000     0.000   595.000     1.000   593.000   700.000   579.380   721.000   579.380   729.000
GR    593.000   750.000   595.000  1050.000   600.000  1051.000     0.000     0.000     0.000     0.000

X1   1000.000     9.000  1000.000  1050.000  1000.000  1000.000  1000.000     0.000     0.000     0.000
GR    610.000     0.000   595.000     1.000   594.000  1000.000   580.000  1021.000   580.000  1029.000
GR    594.000  1050.000   595.000  1350.000   595.000  1850.000   610.000  1851.000     0.000     0.000

X1   2000.000    10.000   900.000   951.100  1000.000  1000.000  1000.000     0.000     0.000     0.000
GR    610.000     0.000   595.000     1.000   595.000   400.000   595.000   900.000   580.620   921.600
GR    580.620   929.600   595.000   951.100   595.000  1351.000   595.000  1751.000   610.000  1752.000

X1   3000.000     8.000   600.000   652.300  1000.000  1000.000  1000.000     0.000     0.000     0.000
GR    610.000     0.000   596.000     1.000   596.000   600.000   581.250   622.100   581.250   630.100
GR    596.000   652.300   596.000  2052.000   610.000  2053.000     0.000     0.000     0.000     0.000

X1   3950.000     8.000   650.000   703.500   950.000   950.000   950.000     0.000     0.000     0.000
GR    610.000     0.000   597.000     1.000   597.000   650.000   581.840   672.700   581.840   680.700
GR    597.000   703.500   597.000  2100.000   610.000  2101.000     0.000     0.000     0.000     0.000
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PRINTED IN U.S.A.

X1	5000.000	8.000	650.000	706.000	1050.000	1050.000	1050.000	0.000	0.000	0.000
GR	610.000	0.000	598.500	1.000	598.500	650.000	582.500	674.000	582.500	682.000
GR	598.500	706.000	598.500	2100.000	610.000	2101.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300
*SECNO 50.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

50.00	13.00	592.38	0.00	592.38	592.38	0.00	0.00	0.00	593.00
180.	0.	180.	0.	0.	365.	0.	0.	0.	100000.00
0.00	0.00	0.49	0.00	0.070	0.035	0.070	0.000	579.38	700.96
0.000011	0.	0.	0.	0	0	0	0.00	48.09	749.04

*SECNO 1000.000

1000.00	12.39	592.39	0.00	0.00	592.40	0.00	0.01	0.00	594.00
180.	0.	180.	0.	0.	329.	0.	8.	1.	594.00
0.51	0.00	0.55	0.00	0.070	0.035	0.070	0.000	580.00	1002.41
0.000014	1000.	1000.	1000.	0	0	0	0.00	45.17	1047.59

*SECNO 2000.000

2000.00	11.79	592.41	0.00	0.00	592.41	0.01	0.02	0.00	595.00
180.	0.	180.	0.	0.	302.	0.	15.	2.	595.00
0.98	0.00	0.60	0.00	0.070	0.035	0.070	0.000	580.62	903.90
0.000018	1000.	1000.	1000.	0	0	0	0.00	43.32	947.22

*SECNO 3000.000

3000.00	11.18	592.43	0.00	0.00	592.43	0.01	0.02	0.00	596.00
180.	0.	180.	0.	0.	277.	0.	22.	3.	596.00
1.40	0.00	0.65	0.00	0.070	0.035	0.070	0.000	581.25	605.36
0.000023	1000.	1000.	1000.	0	0	0	0.00	41.56	646.92

*SECNO 3950.000

3950.00	10.61	592.45	0.00	0.00	592.46	0.01	0.02	0.00	597.00
180.	0.	180.	0.	0.	254.	0.	28.	4.	597.00
1.77	0.00	0.71	0.00	0.070	0.035	0.070	0.000	581.84	656.82
0.000029	950.	950.	950.	0	0	0	0.00	39.83	696.65

*SECNO 5000.000

5000.00	9.98	592.48	0.00	0.00	592.49	0.01	0.03	0.00	598.50
180.	0.	180.	0.	0.	229.	0.	33.	5.	598.50
2.15	0.00	0.79	0.00	0.070	0.035	0.070	0.000	582.50	659.03
0.000038	1050.	1050.	1050.	0	0	0	0.00	37.93	696.97

PRINTED IN U.S.A.

THIS RUN EXECUTED 1 MAR 84 15:17:32

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 50 YEAR FREQUENCY FLOOD
T3 CLEE DRAIN WEST-NEW

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	592.990	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 50.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

50.00	13.61	592.99	0.00	592.99	593.00	0.01	0.00	0.00	593.00
285.	0.	285.	0.	0.	394.	0.	0.	0.	100000.00
0.00	0.00	0.72	0.00	0.070	0.035	0.070	0.000	579.38	700.02
0.000022	0.	0.	0.	0	0	0	0.00	49.97	749.98

*SECNO 1000.000

1000.00	13.01	593.01	0.00	0.00	593.02	0.01	0.03	0.00	594.00
285.	0.	285.	0.	0.	358.	0.	9.	1.	594.00
0.35	0.00	0.80	0.00	0.070	0.035	0.070	0.000	580.00	1001.48
0.000029	1000.	1000.	1000.	0	0	0	0.00	47.04	1048.52

*SECNO 2000.000

2000.00	12.42	593.04	0.00	0.00	593.06	0.01	0.03	0.00	595.00
285.	0.	285.	0.	0.	331.	0.	17.	2.	595.00
0.67	0.00	0.86	0.00	0.070	0.035	0.070	0.000	580.62	902.94
0.000036	1000.	1000.	1000.	0	0	0	0.00	45.22	948.17

*SECNO 3000.000

3000.00	11.83	593.08	0.00	0.00	593.10	0.01	0.04	0.00	596.00
285.	0.	285.	0.	0.	305.	0.	24.	3.	596.00
0.97	0.00	0.94	0.00	0.070	0.035	0.070	0.000	581.25	604.38
0.000044	1000.	1000.	1000.	0	0	0	0.00	43.52	647.90

*SECNO 3950.000

3950.00	11.29	593.13	0.00	0.00	593.14	0.02	0.05	0.00	597.00
285.	0.	285.	0.	0.	281.	0.	30.	4.	597.00
1.23	0.00	1.01	0.00	0.070	0.035	0.070	0.000	581.84	655.81
0.000055	950.	950.	950.	0	0	0	0.00	41.86	697.67

*SECNO 5000.000

5000.00	10.69	593.19	0.00	0.00	593.21	0.02	0.06	0.00	598.50
285.	0.	285.	0.	0.	257.	0.	37.	5.	598.50
1.49	0.00	1.11	0.00	0.070	0.035	0.070	0.000	582.50	657.97
0.000070	1050.	1050.	1050.	1	0	0	0.00	40.06	698.03

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THIS RUN EXECUTED 1 MAR 84 15:17:39

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
**************************************************

T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      100 YEAR FREQUENCY FLOOD
T3      CLEE DRAIN WEST-NEW

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       4.        0.        0.  0.000000      0.00      0.0       0.    593.500     0.000

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    3.000      0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
```

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 50.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

50.00	14.12	593.50	0.00	593.50	593.51	0.01	0.00	0.00	593.00
345.	0.	345.	0.	0.	420.	0.	0.	0.	100000.00
0.00	0.00	0.82	0.00	0.070	0.035	0.070	0.000	579.38	700.00
0.000027	0.	0.	0.	0	0	0	0.00	50.00	750.00

*SECNO 1000.000

1000.00	13.53	593.53	0.00	0.00	593.54	0.01	0.03	0.00	594.00
345.	0.	345.	0.	0.	383.	0.	9.	1.	594.00
0.31	0.00	0.90	0.00	0.070	0.035	0.070	0.000	580.00	1000.71
0.000035	1000.	1000.	1000.	0	0	0	0.00	48.58	1049.29

*SECNO 2000.000

2000.00	12.95	593.57	0.00	0.00	593.58	0.01	0.04	0.00	595.00
345.	0.	345.	0.	0.	354.	0.	18.	2.	595.00
0.59	0.00	0.97	0.00	0.070	0.035	0.070	0.000	580.62	902.16
0.000043	1000.	1000.	1000.	0	0	0	0.00	46.79	948.95

*SECNO 3000.000

3000.00	12.36	593.61	0.00	0.00	593.63	0.02	0.05	0.00	596.00
345.	0.	345.	0.	0.	328.	0.	26.	3.	596.00
0.86	0.00	1.05	0.00	0.070	0.035	0.070	0.000	581.25	603.59
0.000053	1000.	1000.	1000.	0	0	0	0.00	45.11	648.70

*SECNO 3950.000

3950.00	11.83	593.67	0.00	0.00	593.69	0.02	0.06	0.00	597.00
345.	0.	345.	0.	0.	304.	0.	32.	4.	597.00
1.09	0.00	1.13	0.00	0.070	0.035	0.070	0.000	581.84	655.00
0.000065	950.	950.	950.	0	0	0	0.00	43.47	698.48

*SECNO 5000.000

5000.00	11.24	593.74	0.00	0.00	593.77	0.02	0.08	0.00	598.50
345.	0.	345.	0.	0.	279.	0.	39.	5.	598.50
1.33	0.00	1.24	0.00	0.070	0.035	0.070	0.000	582.50	657.15
0.000082	1050.	1050.	1050.	1	0	0	0.00	41.71	698.85

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THIS RUN EXECUTED 1 MAR 84 15:17:43

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 500 YEAR FREQUENCY FLOOD
T3 CLEE DRAIN WEST-NEW

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	595.270	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

CCHV= 0.100 CEHV= 0.300
*SECNO 50.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

50.00	15.89	595.27	0.00	595.27	595.28	0.01	0.00	0.00	593.00
470.	0.	470.	0.	0.	508.	0.	0.	0.	100000.00
0.00	0.00	0.92	0.00	0.070	0.035	0.070	0.000	579.38	700.00
0.000029	0.	0.	0.	0	0	0	0.00	50.00	750.00

*SECNO 1000.000

1000.00	15.30	595.30	0.00	0.00	595.31	0.01	0.03	0.00	594.00
470.	68.	375.	27.	798.	471.	389.	25.	22.	594.00
0.43	0.09	0.80	0.07	0.070	0.035	0.070	0.000	580.00	0.98
0.000022	1000.	1000.	1000.	0	0	0	0.00	1849.04	1850.02

*SECNO 2000.000

2000.00	14.70	595.32	0.00	0.00	595.34	0.01	0.03	0.00	595.00
470.	18.	436.	16.	293.	442.	261.	55.	63.	595.00
0.73	0.06	0.99	0.06	0.070	0.035	0.070	0.000	580.62	0.98
0.000038	1000.	1000.	1000.	0	0	0	0.00	1750.04	1751.02

*SECNO 3000.000

3000.00	14.12	595.37	0.00	0.00	595.39	0.02	0.04	0.00	596.00
470.	0.	470.	0.	0.	412.	0.	72.	84.	596.00
0.97	0.00	1.14	0.00	0.070	0.035	0.070	0.000	581.25	600.96
0.000054	1000.	1000.	1000.	1	0	0	0.00	50.38	651.34

*SECNO 3950.000

3950.00	13.58	595.42	0.00	0.00	595.44	0.02	0.06	0.00	597.00
470.	0.	470.	0.	0.	385.	0.	80.	85.	597.00
1.19	0.00	1.22	0.00	0.070	0.035	0.070	0.000	581.84	652.38
0.000065	950.	950.	950.	1	0	0	0.00	48.74	701.11

*SECNO 5000.000

5000.00	12.99	595.49	0.00	0.00	595.52	0.03	0.07	0.00	598.50
470.	0.	470.	0.	0.	357.	0.	89.	86.	598.50
1.41	0.00	1.32	0.00	0.070	0.035	0.070	0.000	582.50	654.53
0.000079	1050.	1050.	1050.	0	0	0	0.00	46.94	701.47

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THIS RUN EXECUTED 1 MAR 84 15:17:47

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

CLEE DRAIN WEST-NEW

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
50.000	592.38	0.00	592.38	48.09	0.00	180.00	0.00	50.00	700.00	700.00	750.00	750.00
50.000	592.99	0.00	593.00	49.97	0.00	285.00	0.00	50.00	700.00	700.00	750.00	750.00
50.000	593.50	0.00	593.51	50.00	0.00	345.00	0.00	50.00	700.00	700.00	750.00	750.00
50.000	595.27	0.00	595.28	50.00	0.00	470.00	0.00	50.00	700.00	700.00	750.00	750.00
1000.000	592.39	0.00	592.40	45.17	0.00	180.00	0.00	0.00	0.00	1000.00	1050.00	0.00
1000.000	593.01	0.00	593.02	47.04	0.00	285.00	0.00	0.00	0.00	1000.00	1050.00	0.00
1000.000	593.53	0.00	593.54	48.58	0.00	345.00	0.00	0.00	0.00	1000.00	1050.00	0.00
1000.000	595.30	0.00	595.31	1849.04	68.07	374.87	27.06	0.00	0.00	1000.00	1050.00	0.00
2000.000	592.41	0.00	592.41	43.32	0.00	180.00	0.00	0.00	0.00	900.00	951.10	0.00
2000.000	593.04	0.00	593.06	45.22	0.00	285.00	0.00	0.00	0.00	900.00	951.10	0.00
2000.000	593.57	0.00	593.58	46.79	0.00	345.00	0.00	0.00	0.00	900.00	951.10	0.00
2000.000	595.32	0.00	595.34	1750.04	18.09	435.81	16.10	0.00	0.00	900.00	951.10	0.00
3000.000	592.43	0.00	592.43	41.56	0.00	180.00	0.00	0.00	0.00	600.00	652.30	0.00
3000.000	593.08	0.00	593.10	43.52	0.00	285.00	0.00	0.00	0.00	600.00	652.30	0.00
3000.000	593.61	0.00	593.63	45.11	0.00	345.00	0.00	0.00	0.00	600.00	652.30	0.00
3000.000	595.37	0.00	595.39	50.38	0.00	470.00	0.00	0.00	0.00	600.00	652.30	0.00
3950.000	592.45	0.00	592.46	39.83	0.00	180.00	0.00	0.00	0.00	650.00	703.50	0.00
3950.000	593.13	0.00	593.14	41.86	0.00	285.00	0.00	0.00	0.00	650.00	703.50	0.00
3950.000	593.67	0.00	593.69	43.47	0.00	345.00	0.00	0.00	0.00	650.00	703.50	0.00
3950.000	595.42	0.00	595.44	48.74	0.00	470.00	0.00	0.00	0.00	650.00	703.50	0.00
5000.000	592.48	0.00	592.49	37.93	0.00	180.00	0.00	0.00	0.00	650.00	706.00	0.00
5000.000	593.19	0.00	593.21	40.06	0.00	285.00	0.00	0.00	0.00	650.00	706.00	0.00
5000.000	593.74	0.00	593.77	41.71	0.00	345.00	0.00	0.00	0.00	650.00	706.00	0.00
5000.000	595.49	0.00	595.52	46.94	0.00	470.00	0.00	0.00	0.00	650.00	706.00	0.00

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CLEE DRAIN WEST-NEW

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
50.000	0.00	0.00	0.00	579.38	180.00	592.38	0.00	592.38	0.11	0.49	364.57	541.11
50.000	0.00	0.00	0.00	579.38	285.00	592.99	0.00	593.00	0.22	0.72	394.47	601.10
50.000	0.00	0.00	0.00	579.38	345.00	593.50	0.00	593.51	0.27	0.82	419.97	659.41
50.000	0.00	0.00	0.00	579.38	470.00	595.27	0.00	595.28	0.29	0.92	508.47	872.39
1000.000	1000.00	0.00	0.00	580.00	180.00	592.39	0.00	592.40	0.14	0.55	329.44	474.81
1000.000	1000.00	0.00	0.00	580.00	285.00	593.01	0.00	593.02	0.29	0.80	358.09	530.66
1000.000	1000.00	0.00	0.00	580.00	345.00	593.53	0.00	593.54	0.35	0.90	382.70	579.85
1000.000	1000.00	0.00	0.00	580.00	470.00	595.30	0.00	595.31	0.22	0.80	1658.40	1007.31
2000.000	1000.00	0.00	0.00	580.62	180.00	592.41	0.00	592.41	0.18	0.60	302.40	423.61
2000.000	1000.00	0.00	0.00	580.62	285.00	593.04	0.00	593.06	0.36	0.86	330.52	476.97
2000.000	1000.00	0.00	0.00	580.62	345.00	593.57	0.00	593.58	0.43	0.97	354.49	523.65
2000.000	1000.00	0.00	0.00	580.62	470.00	595.32	0.00	595.34	0.38	0.99	996.04	766.71
3000.000	1000.00	0.00	0.00	581.25	180.00	592.43	0.00	592.43	0.23	0.65	276.88	376.45
3000.000	1000.00	0.00	0.00	581.25	285.00	593.08	0.00	593.10	0.44	0.94	304.68	427.74
3000.000	1000.00	0.00	0.00	581.25	345.00	593.61	0.00	593.63	0.53	1.05	328.14	472.23
3000.000	1000.00	0.00	0.00	581.25	470.00	595.37	0.00	595.39	0.54	1.14	411.84	639.33
3950.000	950.00	0.00	0.00	581.84	180.00	592.45	0.00	592.46	0.29	0.71	253.67	334.95
3950.000	950.00	0.00	0.00	581.84	285.00	593.13	0.00	593.14	0.55	1.01	281.23	384.43
3950.000	950.00	0.00	0.00	581.84	345.00	593.67	0.00	593.69	0.65	1.13	304.19	426.87
3950.000	950.00	0.00	0.00	581.84	470.00	595.42	0.00	595.44	0.65	1.22	385.09	584.63
5000.000	1050.00	0.00	0.00	582.50	180.00	592.48	0.00	592.49	0.38	0.79	229.15	292.44
5000.000	1050.00	0.00	0.00	582.50	285.00	593.19	0.00	593.21	0.70	1.11	256.77	340.46
5000.000	1050.00	0.00	0.00	582.50	345.00	593.74	0.00	593.77	0.82	1.24	279.24	380.82
5000.000	1050.00	0.00	0.00	582.50	470.00	595.49	0.00	595.52	0.79	1.32	356.62	527.78

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CLEE DRAIN WEST-NEW

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
50.000	180.00	592.38	0.00	0.00	0.00	48.09	0.00
50.000	285.00	592.99	0.61	0.00	0.00	49.97	0.00
50.000	345.00	593.50	0.51	0.00	0.00	50.00	0.00
50.000	470.00	595.27	1.77	0.00	0.00	50.00	0.00
1000.000	180.00	592.39	0.00	0.01	0.00	45.17	1000.00
1000.000	285.00	593.01	0.62	0.02	0.00	47.04	1000.00
1000.000	345.00	593.53	0.52	0.03	0.00	48.58	1000.00
1000.000	470.00	595.30	1.77	0.03	0.00	1849.04	1000.00
2000.000	180.00	592.41	0.00	0.02	0.00	43.32	1000.00
2000.000	285.00	593.04	0.64	0.03	0.00	45.22	1000.00
2000.000	345.00	593.57	0.52	0.04	0.00	46.79	1000.00
2000.000	470.00	595.32	1.76	0.02	0.00	1750.04	1000.00
3000.000	180.00	592.43	0.00	0.02	0.00	41.56	1000.00
3000.000	285.00	593.08	0.66	0.04	0.00	43.52	1000.00
3000.000	345.00	593.61	0.53	0.05	0.00	45.11	1000.00
3000.000	470.00	595.37	1.75	0.04	0.00	50.38	1000.00
3950.000	180.00	592.45	0.00	0.02	0.00	39.83	950.00
3950.000	285.00	593.13	0.68	0.05	0.00	41.86	950.00
3950.000	345.00	593.67	0.54	0.05	0.00	43.47	950.00
3950.000	470.00	595.42	1.75	0.05	0.00	48.74	950.00
5000.000	180.00	592.48	0.00	0.03	0.00	37.93	1050.00
5000.000	285.00	593.19	0.71	0.06	0.00	40.06	1050.00
5000.000	345.00	593.74	0.55	0.07	0.00	41.71	1050.00
5000.000	470.00	595.49	1.75	0.07	0.00	46.94	1050.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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FLOOD INSURANCE ZONE DATA FOR CLEE DRAIN WEST-NEW

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
50.000	0.	-1.12	-0.51	1.77
1000.000	1000.	-1.14	-0.52	1.77
2000.000	2000.	-1.16	-0.52	1.76
3000.000	3000.	-1.19	-0.53	1.75
3950.000	3950.	-1.22	-0.54	1.75
5000.000	5000.	-1.26	-0.55	1.75
WEIGHTED AVG FOR REACH		-1.18	-0.53	1.76

FHF FOR THE REACH = 010 WITH 100.0 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	TTRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300
*SECNO 0.000

3470 ENCROACHMENT STATIONS= 305.0 645.0 TYPE= 1 TARGET= 340.000
DOWNSTREAM OF VREELAND RD

0.00	10.90	585.80	0.00	0.00	585.88	0.08	0.00	0.00	583.50
1360.	69.	935.	356.	163.	350.	470.	0.	0.	581.60
0.00	0.42	2.67	0.76	0.070	0.035	0.070	0.000	574.90	305.00
0.000266	0.	0.	0.	0	0	0	0.00	340.00	645.00

*SECNO 75.000

75.00	10.62	585.82	0.00	0.00	585.90	0.07	0.02	0.00	580.10
1360.	144.	1022.	194.	234.	407.	303.	2.	1.	579.20
0.01	0.61	2.51	0.64	0.070	0.035	0.070	0.000	575.20	384.70
0.000199	75.	75.	75.	0	0	0	0.00	290.14	674.84

CCHV= 0.300 CEHV= 0.500
*SECNO 77.000

77.00	10.62	585.82	0.00	0.00	585.90	0.07	0.00	0.00	580.10
1360.	144.	1022.	194.	234.	408.	303.	2.	1.	579.20
0.01	0.61	2.51	0.64	0.070	0.035	0.070	0.000	575.20	384.59
0.000199	2.	2.	2.	0	0	0	0.00	290.39	674.97

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	SWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.65	2.60	0.00	29.00	0.00	230.00	0.00	575.20	575.20

*SECNO 123.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
586.72	585.90	0.00	531.	834.	230.	235.	583.30	584.88

123.00	11.19	586.09	0.00	0.00	586.16	0.07	0.26	0.00	580.10
1360.	151.	1005.	203.	262.	426.	347.	3.	1.	579.20
0.02	0.58	2.36	0.59	0.070	0.035	0.070	0.000	574.90	366.49
0.000163	46.	46.	46.	2	0	2	0.00	331.87	698.36

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 125.000

125.00	11.19	586.09	0.00	0.00	586.16	0.07	0.00	0.00	580.10
1360.	151.	1005.	204.	262.	426.	347.	3.	1.	579.20
0.02	0.58	2.36	0.59	C.070	0.035	0.070	0.000	574.90	366.47
0.000163	2.	2.	2.	0	0	0	0.00	331.92	698.39

*SECNO 166.000

3470 ENCROACHMENT STATIONS= 270.0 685.0 TYPE= 1 TARGET= 415.000
UPSTREAM OF VREELAND RD

166.00	11.21	586.11	0.00	0.00	586.17	0.06	0.01	0.00	583.50
1360.	89.	864.	407.	228.	363.	606.	4.	1.	581.60
0.02	0.39	2.38	0.67	0.070	0.035	0.070	0.000	574.90	270.00
0.000202	41.	41.	41.	0	0	0	0.00	415.00	685.00

*SECNO 2870.000

2870.00	9.99	586.49	0.00	0.00	586.50	0.01	0.33	0.00	584.70
1360.	143.	515.	702.	480.	361.	1679.	119.	43.	581.80
0.98	0.30	1.43	C.42	0.070	0.035	0.070	0.000	576.50	431.10
0.000080	2704.	2704.	2704.	2	0	0	0.00	923.71	1354.81

*SECNO 4008.000

3470 ENCROACHMENT STATIONS= 580.0 980.0 TYPE= 1 TARGET= 400.000
DOWNSTREAM OF MONTEBELLO DR

4008.00	10.C8	586.58	0.00	0.00	586.61	0.02	0.11	0.00	584.70
1360.	168.	617.	574.	407.	366.	896.	174.	60.	581.80
1.27	0.41	1.69	C.64	0.070	0.035	0.070	0.000	576.50	580.00
0.000110	1138.	1138.	1138.	2	0	0	0.00	400.00	980.00

*SECNO 4190.000

3470 ENCROACHMENT STATIONS= 620.0 930.0 TYPE= 1 TARGET= 310.000

4190.00	10.10	586.60	0.00	0.00	586.63	0.03	0.02	0.00	584.70
1360.	173.	700.	487.	350.	367.	665.	180.	62.	581.80
1.31	0.49	1.91	0.73	0.070	0.035	0.070	0.000	576.50	620.00
0.000141	182.	182.	182.	0	0	0	0.00	310.00	930.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 4200.000

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD= 585.80 MAX ELLC= 584.43

4200.00	10.44	586.54	0.00	0.00	586.70	0.16	0.00	0.06	585.80
1360.	17.	1331.	13.	29.	410.	25.	181.	62.	585.90
1.31	0.56	3.24	0.51	0.070	0.035	0.070	0.000	576.10	257.59
0.002656	10.	10.	10.	2	0	0	-230.54	320.57	578.16

*SECNO 4240.000

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD= 585.80 MAX ELLC= 584.43

4240.00	10.56	586.66	0.00	0.00	586.81	0.15	0.10	0.00	585.80
1360.	23.	1317.	19.	39.	416.	35.	181.	62.	585.90
1.31	0.60	3.16	0.55	0.070	0.035	0.070	0.000	576.10	249.07
0.002483	40.	40.	40.	2	0	0	-243.16	343.04	592.11

CCHV= 0.100 CEHV= 0.300
*SECNO 4250.000

4250.00	10.63	586.73	0.00	0.00	586.82	0.09	0.00	0.01	585.80
1360.	56.	1297.	7.	192.	524.	42.	181.	62.	576.40
1.31	0.29	2.48	0.16	0.070	0.035	0.070	0.000	576.10	243.81
0.000193	10.	10.	10.	2	0	0	0.00	357.00	600.81

*SECNO 4288.000
UPSTREAM OF MONTEBELLO DR

4288.00	10.63	586.73	0.00	0.00	586.82	0.09	0.01	0.00	585.80
1360.	57.	1296.	7.	194.	524.	43.	182.	62.	576.40
1.32	0.29	2.47	0.16	0.070	0.035	0.070	0.000	576.10	243.24
0.000192	38.	38.	38.	2	0	0	0.00	358.49	601.74

*SECNO 5350.000

3470 ENCROACHMENT STATIONS= 615.0 840.0 TYPE= 1 TARGET= 225.000

5350.00	8.21	587.01	0.00	0.00	587.12	0.12	0.29	0.01	584.00
1360.	37.	1235.	88.	68.	433.	126.	199.	69.	586.20
1.43	0.55	2.85	0.70	0.070	0.035	0.070	0.000	578.80	615.00
0.000431	1062.	1062.	1062.	2	0	0	0.00	225.00	840.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5612.000

3470 ENCROACHMENT STATIONS= 690.0 780.0 TYPE= 1 TARGET= 90.000
DOWNSTREAM OF VAN HORN RD

5612.00	8.31	587.11	0.00	0.00	587.25	0.14	0.12	0.01	584.00
1360.	21.	1336.	3.	27.	44C.	7.	202.	70.	586.20
1.45	0.78	3.04	0.43	0.070	0.035	0.070	0.000	578.80	690.00
0.000480	262.	262.	262.	1	0	0	0.00	90.00	780.00

*SECNO 5722.000

3470 ENCROACHMENT STATIONS= 709.0 742.0 TYPE= 1 TARGET= 33.000

5722.00	8.19	586.99	0.00	0.00	587.43	0.44	0.09	0.09100000.00	
1360.	0.	1360.	0.	0.	256.	0.	203.	71.	100000.00
1.46	0.00	5.30	0.00	0.070	0.035	0.070	0.000	578.80	709.00
0.001645	110.	110.	110.	2	0	0	0.00	33.00	742.00

CCHV= 0.300 CEHV= 0.500
*SECNO 5732.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 588.65 ELREA= 588.65

5732.00	10.15	587.15	0.00	0.00	587.48	0.33	0.01	0.03	588.68
1360.	0.	1360.	0.	0.	297.	0.	203.	71.	588.65
1.46	0.00	4.58	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.001042	10.	10.	10.	2	0	0	0.00	30.00	630.00

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.65	3.00	0.00	30.00	0.00	210.00	0.00	577.00	577.00

*SECNO 5768.000
PRESSURE FLOW

PRINTED IN U.S.A.

THIS RUN EXECUTED 2 MAR 84 11:07:25

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
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C
T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      100 YEAR FREQUENCY FLOOD
T3      MARSH CREEK NATURAL PROFILE
J1  ICHECK    INQ     NINV    IDIR    STRT    METRIC  HVINS   Q       WSEL    FQ
        0.      2.      0.      0.  0.000000    0.00    0.0     0.  585.300  0.000
J2  NPROF     IPLOT   PRFVS   XSECV   XSECH   FN      ALLDC   IBW     CHNIM   ITRACE
      1.000   0.000  -1.000   0.000   0.000   0.000   0.000   0.000   0.000   0.000
J3  VARIABLE CODES FOR SUMMARY PRINTOUT
    110.000 150.000   0.000   0.000   0.000   0.000   0.000   0.000   0.000   0.000

NC    0.070   0.070   0.035   0.100   0.300   0.000   0.000   0.000   0.000   0.000
QT    2.000 1360.000 1360.000   0.000   0.000   0.000   0.000   0.000   0.000   0.000
ET    0.000   4.100   6.100 305.000 645.000 434.000 645.000   0.000   0.000   0.000
          DOWNSTREAM OF VREELAND RD
X1    0.000  17.000 458.000 500.000   0.000   0.000   0.000   0.000   0.000   0.000
GR  587.400   0.000 585.100 358.000 585.200 383.000 584.300 408.000 584.000 433.000
GR  583.500 458.000 575.800 475.000 575.000 480.000 575.000 485.000 574.900 490.000
GR  575.600 494.000 581.600 500.000 582.300 525.000 582.500 550.000 582.500 575.000
GR  582.600 600.000 590.000 1000.000   0.000   0.000   0.000   0.000   0.000   0.000

ET    0.000   0.000   1.400   0.000   0.000   0.000   0.000   0.000   0.000   0.000
X1   75.000  13.000 478.000 523.000  75.000  75.000  75.000   0.000   0.000   0.000
GR  591.600   0.000 585.590 400.000 580.100 478.000 577.200 490.000 575.200 491.000
GR  575.600 500.000 576.200 509.000 575.700 510.000 576.300 518.000 579.200 523.000
GR  579.900 526.000 584.950 600.000 589.600 1000.000   0.000   0.000   0.000   0.000

NC    0.000   0.000   0.000   0.300   0.500   0.000   0.000   0.000   0.000   0.000
X1   77.000   0.000   0.000   0.000   2.000   2.000   2.000   0.000   0.000   0.000
X3   10.000   0.000   0.000   0.000   0.000   0.000   0.000 584.800 584.800   0.000

SB    0.000   1.650   2.600   0.000  29.000   0.000 230.000   0.000   0.000   0.000
ET    0.000   0.000   1.400   0.000   0.000   0.000   0.000   0.000   0.000   0.000
X1  123.000  16.000 478.000 523.000  46.000  46.000  46.000   0.000   0.000   0.000
X2    0.000   0.000   1.000 583.300 584.380   0.000   0.000   0.000   0.000   0.000
X3   10.000   0.000   0.000   0.000   0.000   0.000   0.000 584.880 584.880   0.000
GT  -14.000   0.000 591.600   0.000 481.500 585.300   0.000 481.500 585.300 577.500
GT    0.000 485.000 585.200 580.520 490.000 585.200 582.400 495.000 585.180 583.540
GT    0.000 500.000 585.180 583.390 505.000 585.150 583.530 510.000 585.130 582.660
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BT	0.000	515.000	585.100	580.830	518.200	584.880	579.100	518.200	584.880	0.000
ET	0.000	600.000	584.950	0.000	1000.000	589.600	0.000	0.000	0.000	0.000
GR	591.600	0.000	585.590	400.000	580.100	478.000	577.500	481.500	575.900	485.000
GR	574.900	490.000	575.000	495.000	575.300	500.000	575.600	505.000	576.500	510.000
GR	578.400	515.000	579.100	518.200	579.200	523.000	579.900	526.000	584.950	600.000
GR	589.600	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	125.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	270.000	685.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF VREELAND RD									
X1	166.000	17.000	458.000	500.000	41.000	41.000	41.000	0.000	0.000	0.000
GR	587.400	0.000	585.100	358.000	585.200	383.000	584.300	408.000	584.000	433.000
GR	583.500	458.000	575.800	475.000	575.000	480.000	575.000	485.000	574.900	490.000
GR	575.600	494.000	581.600	500.000	582.300	525.000	582.500	550.000	582.500	575.000
GR	582.600	600.000	590.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2870.000	17.000	753.000	800.000	2704.000	2704.000	2704.000	0.000	0.000	0.000
GR	590.000	0.000	584.700	650.000	583.900	675.000	583.500	700.000	582.600	725.000
GR	584.800	750.000	584.700	753.000	576.500	770.500	576.500	780.000	576.600	785.000
GR	578.800	793.000	581.800	800.000	581.600	825.000	581.600	850.000	581.200	875.000
GR	581.300	900.000	587.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	580.000	980.000	730.000	980.000	0.000	0.000	0.000
	DOWNSTREAM OF MONTEBELLO DR									
X1	4008.000	0.000	0.000	0.000	1138.000	1138.000	1138.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	620.000	930.000	753.000	930.000	0.000	0.000	0.000
X1	4190.000	0.000	0.000	0.000	182.000	182.000	182.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.410	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4200.000	17.000	449.000	500.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	585.800	585.800	0.000
BT	18.000	0.000	590.000	0.000	449.000	585.800	576.100	449.000	585.800	584.430
BT	461.000	585.960	584.400	461.000	585.930	576.100	462.000	585.960	576.200	462.000
BT	585.960	584.350	474.000	586.000	584.350	474.000	586.000	576.100	475.000	586.050
BT	576.600	475.000	586.050	584.390	487.000	585.980	584.370	487.000	585.980	576.800
BT	488.000	585.950	576.500	488.000	585.950	584.390	500.000	585.900	584.310	500.000
BT	585.900	0.000	1000.000	590.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	585.300	350.000	585.800	449.000	576.100	449.000	576.100	455.000
GR	576.100	461.000	576.200	462.000	576.600	468.000	576.100	474.000	576.600	475.000
GR	576.700	481.000	576.800	487.000	576.500	488.000	576.800	494.000	576.400	500.000
GR	585.900	500.000	590.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4240.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	585.800	585.900	0.000

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NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4250.000	17.000	449.000	500.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	585.800	585.900	0.000
GR	590.000	0.000	585.300	350.000	585.800	449.000	576.100	449.100	576.100	455.000
GR	576.100	461.000	576.200	462.000	576.600	468.000	576.100	474.000	576.600	475.000
GR	576.700	481.000	576.800	487.000	576.500	488.000	576.800	494.000	576.400	500.000
GR	585.900	500.100	590.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF MONTEBELLO DR									
X1	4288.000	0.000	0.000	0.000	38.000	38.000	38.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	585.800	585.900	0.000
ET	0.000	4.100	1.400	615.000	840.000	0.000	0.000	0.000	0.000	0.000
X1	5350.000	18.000	700.000	773.000	1062.000	1062.000	1062.000	0.000	0.000	0.000
GR	590.000	0.000	586.800	600.000	586.300	650.000	586.200	675.000	584.000	700.000
GR	580.500	709.000	578.800	720.000	579.100	730.000	579.000	740.000	579.200	742.000
GR	586.200	773.000	585.400	793.000	584.000	808.000	584.200	818.000	585.300	823.000
GR	585.700	848.000	586.700	873.000	595.700	1173.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	690.000	780.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM OF VAN HORN RD									
X1	5612.000	0.000	0.000	0.000	262.000	262.000	262.000	0.000	0.000	0.000
ET	0.000	4.100	4.100	709.000	742.000	0.000	0.000	0.000	0.000	0.000
X1	5722.000	0.000	0.000	0.000	110.000	110.000	110.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.410	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	5732.000	11.000	600.000	630.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	588.650	588.650	0.000
GR	590.000	0.000	588.330	500.000	588.680	600.000	578.200	600.000	577.000	602.000
GR	577.000	610.000	577.200	620.000	577.900	630.000	588.650	630.000	588.640	730.000
GR	588.600	1130.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.650	3.000	0.000	30.000	0.000	210.000	0.000	0.000	0.000
X1	5768.000	0.000	0.000	0.000	36.000	36.000	36.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	-4.000	600.000	588.680	578.200	600.000	588.680	584.830	630.000	588.650	584.960
BT	0.000	630.000	588.330	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	4.100	700.000	750.000	0.000	0.000	0.000	0.000	0.000
X1	5778.000	18.000	700.000	773.000	10.000	10.000	10.000	0.000	0.000	0.000
GR	590.000	0.000	586.800	600.000	586.800	650.000	586.200	675.000	584.000	700.000
GR	580.500	709.000	578.800	720.000	579.100	730.000	579.000	740.000	579.200	742.000
GR	586.200	773.000	585.400	793.000	584.000	808.000	584.200	818.000	585.300	823.000
GR	585.700	848.000	586.700	873.000	595.700	1173.000	0.000	0.000	0.000	0.000

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ET	0.000	4.100	1.400	690.000	785.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF VAN HORN RD									
X1	5798.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	650.000	825.000	0.000	0.000	0.000	0.000	0.000
X1	6174.000	0.000	0.000	0.000	376.000	376.000	376.000	0.000	0.000	0.000
ET	0.000	4.100	6.100	675.000	780.000	700.000	780.000	0.000	0.000	0.000
	DOWNSTREAM OF RAILROAD BRIDGE									
X1	6312.000	0.000	0.000	0.000	138.000	138.000	138.000	0.000	0.000	0.000
ET	0.000	4.100	4.100	705.000	745.000	0.000	0.000	0.000	0.000	0.000
X1	6440.000	0.000	0.000	0.000	128.000	128.000	128.000	0.000	0.000	0.000
NC	0.000	0.000	0.100	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.410	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	6450.000	31.000	482.500	517.500	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	593.360	593.360	0.000
GR	593.020	0.000	593.300	400.000	593.360	482.500	582.160	482.500	579.660	483.000
GR	578.570	483.800	578.570	485.500	578.570	488.000	578.570	490.500	578.570	492.200
GR	579.660	493.000	582.160	493.500	582.300	494.500	579.800	495.000	578.300	496.000
GR	578.300	497.500	578.300	500.000	578.300	502.500	578.300	504.000	579.800	505.000
GR	582.300	505.500	582.430	506.500	579.930	507.000	576.990	509.500	576.990	512.000
GR	576.990	514.500	579.930	517.000	582.430	517.500	593.400	517.500	593.530	600.000
GR	594.170	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.900	2.600	0.000	34.000	0.000	311.600	0.000	0.000	0.000
X1	6498.000	0.000	0.000	0.000	48.000	48.000	48.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	-26.000	0.000	593.020	0.000	400.000	593.300	0.000	482.500	593.360	0.000
BT	0.000	482.500	593.360	582.160	483.000	593.360	584.660	485.500	593.360	587.160
BT	0.000	488.000	593.360	587.660	490.500	593.360	587.160	493.000	593.360	584.660
BT	0.000	493.500	593.360	582.160	494.500	593.370	582.300	495.000	593.370	584.600
BT	0.000	497.500	593.370	587.300	500.000	593.370	587.800	502.500	593.370	587.300
BT	0.000	505.000	593.370	584.600	505.500	593.380	582.300	506.500	593.380	582.430
BT	0.000	507.000	593.380	584.730	509.500	593.390	587.430	514.500	593.390	587.430
BT	0.000	517.000	593.400	584.730	517.500	593.400	582.430	517.500	593.400	0.000
BT	0.000	600.000	593.530	0.000	1000.000	594.170	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	6508.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
	UPSTREAM OF RAILROAD BRIDGE									
X1	6532.000	0.000	0.000	0.000	24.000	24.000	24.000	0.000	0.000	0.000
X1	7629.000	19.000	460.000	500.000	1097.000	1097.000	1097.000	0.000	0.000	0.000
GR	593.200	0.000	582.400	360.000	582.700	385.000	583.300	410.000	584.700	435.000
GR	584.400	460.000	577.700	471.000	577.500	475.000	577.400	480.000	577.900	484.000
GR	583.400	493.000	584.600	500.000	585.500	525.000	584.500	550.000	584.500	575.000
GR	586.000	600.000	594.200	780.000	586.203	900.000	595.500	1200.000	0.000	0.000

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X1	9498.000	20.000	455.000	500.000	1869.000	1869.000	1869.000	0.000	0.000	0.000
GR	590.000	0.000	586.900	180.000	585.900	355.000	584.400	380.000	584.400	405.000
GR	584.600	430.000	587.300	435.000	587.200	455.000	579.100	475.000	579.300	480.000
GR	579.700	485.000	580.600	489.000	585.200	500.000	585.500	525.000	584.500	550.000
GR	584.900	575.000	585.500	600.000	588.700	700.000	592.530	800.000	595.000	1100.000
ET	0.000	4.100	6.100	475.000	560.000	500.000	560.000	0.000	0.000	0.000
	DOWNSTREAM OF WEST ROAD									
X1	11248.000	25.000	500.000	529.000	1750.000	1750.000	1750.000	0.000	0.000	0.000
GR	595.650	0.000	595.200	225.000	590.900	375.000	591.080	396.000	591.310	406.000
GR	591.370	416.000	592.000	425.000	591.320	427.000	591.220	437.000	590.930	447.000
GR	591.000	450.000	590.200	460.000	588.700	475.000	582.700	500.000	580.600	505.000
GR	579.800	510.000	580.300	515.000	580.300	524.000	582.800	529.000	583.800	554.000
GR	584.300	579.000	584.000	604.000	584.500	629.000	590.000	1000.000	600.000	1001.000
ET	0.000	4.100	1.400	495.000	535.000	0.000	0.000	0.000	0.000	0.000
X1	11346.000	0.000	0.000	0.000	98.000	98.000	98.000	0.000	0.000	0.000
NC	0.000	0.000	0.070	0.300	0.500	0.000	0.000	0.000	0.000	0.000
ET	0.000	4.100	1.400	120.000	850.000	0.000	0.000	0.000	0.000	0.000
X1	11356.000	12.000	470.500	500.000	10.000	10.000	10.000	0.000	0.000	0.000
GR	593.360	0.000	591.340	370.000	591.140	470.500	580.100	470.500	580.600	475.000
GR	580.400	480.000	580.500	490.000	583.600	500.000	591.060	500.000	590.340	600.000
GR	590.000	1100.000	595.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.690	2.600	0.000	27.000	0.000	180.000	0.000	0.000	0.000
X1	11440.000	0.000	0.000	0.000	84.000	84.000	84.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	588.630	591.060	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	591.140	591.060	0.000
BT	-6.000	0.000	593.360	0.000	470.500	591.140	0.000	470.500	591.140	587.490
BT	0.000	500.000	591.060	587.390	500.000	591.060	0.000	1300.000	595.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	4.100	1.000	1299.000	0.000	0.000	0.000	0.000	0.000
	UPSTREAM OF WEST ROAD									
X1	11450.000	25.000	500.000	529.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	592.000	595.000	0.000
GR	595.650	0.000	595.200	225.000	590.900	375.000	591.080	396.000	591.310	406.000
GR	591.370	416.000	592.000	425.000	591.320	427.000	591.220	437.000	590.930	447.000
GR	591.000	450.000	590.200	460.000	588.700	475.000	582.700	500.000	580.600	505.000
GR	579.800	510.000	580.300	515.000	580.300	524.000	582.800	529.000	583.800	554.000
GR	584.300	579.000	584.000	604.000	584.500	629.000	590.000	1000.000	595.000	1300.000
ET	0.000	0.000	1.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	11469.000	0.000	0.000	0.000	19.000	19.000	19.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	592.000	595.000	0.000
X1	12898.000	19.000	500.000	541.000	1429.000	1429.000	1429.000	0.000	0.000	0.000
GR	595.000	0.000	592.400	320.000	589.100	370.000	588.500	400.000	587.900	425.000
GR	587.300	450.000	587.000	475.000	586.600	500.000	581.000	507.000	580.200	515.000
GR	581.300	520.000	581.600	521.500	588.200	541.000	587.100	566.000	586.400	591.000
GR	586.500	616.000	586.600	641.000	590.000	1000.000	595.000	1300.000	0.000	0.000

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X1	14248.000	20.000	500.000	529.000	1350.000	1350.000	1350.000	0.000	0.000	0.000
GR	594.400	0.000	593.400	355.000	589.100	370.000	588.000	400.000	587.200	425.000
GR	586.500	450.000	586.500	475.000	587.300	500.000	582.700	503.500	582.500	510.000
GR	581.700	515.000	582.600	520.000	582.900	522.000	587.400	529.000	586.800	554.000
GR	587.200	579.000	587.300	604.000	588.200	629.000	590.000	1000.000	595.000	1300.000
X1	15248.000	20.000	360.000	404.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	592.270	0.000	590.600	10.000	587.700	260.000	588.300	285.000	588.700	310.000
GR	588.200	335.000	588.800	360.000	585.800	369.000	583.000	371.500	582.700	375.000
GR	582.300	380.000	582.200	385.000	582.700	388.500	587.600	393.500	588.800	404.000
GR	591.100	429.000	591.200	454.000	591.300	479.000	591.500	504.000	592.500	760.000
X1	16448.000	19.000	500.000	535.000	1200.000	1200.000	1200.000	0.000	0.000	0.000
GR	594.000	0.000	594.000	400.000	593.800	425.000	593.300	450.000	591.000	475.000
GR	588.900	500.000	585.500	506.500	583.100	508.600	582.800	510.000	582.400	515.000
GR	582.600	520.000	583.500	526.800	586.600	529.000	588.700	535.000	590.100	560.000
GR	590.800	585.000	591.400	610.000	591.900	635.000	595.000	1300.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBI	XLCH	XLOBP	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
588.22	587.48	0.00	0.	1360.	210.	239.	584.96	588.33	
5768.00	10.94	587.94	0.00	0.00	588.22	0.28	0.75	0.00	588.68
1360.	0.	1360.	0.	0.	321.	0.	203.	71.	588.65
1.46	0.00	4.24	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.000841	36.	36.	36.	2	0	0	0.00	30.00	630.00

CCHV= 0.100 CEHV= 0.300
*SECNO 5778.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

5778.00	9.27	588.07	0.00	0.00	588.24	0.17	0.01	0.01	584.00
1360.	0.	1360.	0.	0.	408.	0.	203.	71.	100000.00
1.46	0.00	3.33	0.00	0.070	0.035	0.070	0.000	578.80	700.00
0.000501	10.	10.	10.	2	0	0	0.00	50.00	750.00

*SECNO 5798.000

3470 ENCROACHMENT STATIONS= 690.0 785.0 TYPE= 1 TARGET= 95.000
UPSTREAM OF VAN HORN RD

5798.00	9.36	588.16	0.00	0.00	588.26	0.10	0.01	0.01	584.00
1360.	26.	1320.	14.	37.	517.	26.	204.	71.	586.20
1.46	0.70	2.55	0.52	0.070	0.035	0.070	0.000	578.80	690.00
0.000273	20.	20.	20.	2	0	0	0.00	95.00	785.00

*SECNO 6174.000

3470 ENCROACHMENT STATIONS= 650.0 825.0 TYPE= 1 TARGET= 175.000

6174.00	9.48	588.28	0.00	0.00	588.35	0.07	0.09	0.00	584.00
1360.	71.	1176.	113.	124.	526.	169.	210.	72.	586.20
1.52	0.57	2.24	0.67	0.070	0.035	0.070	0.000	578.80	650.00
0.000205	376.	376.	376.	2	0	0	0.00	175.00	825.00

*SECNO 6312.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		675.0	780.0	TYPE=	1	TARGET=	105.000		
DOWNSTREAM OF RAILROAD BRIDGE									
6312.00	9.49	588.29	0.00	0.00	588.38	0.09	0.03	0.01	584.00
1360.	55.	1298.	7.	60.	528.	16.	212.	72.	586.20
1.53	0.69	2.46	0.47	0.070	0.035	0.070	0.000	578.80	675.00
0.000247	138.	138.	138.	1	0	0	0.00	105.00	780.00
*SECNO 6440.000									
3470 ENCROACHMENT STATIONS=		705.0	745.0	TYPE=	1	TARGET=	40.000		
6440.00	9.45	588.25	0.00	0.00	588.48	0.23	0.05	0.04	100000.00
1360.	0.	1360.	0.	0.	352.	0.	213.	72.	100000.00
1.54	0.00	3.87	0.00	0.070	0.035	0.070	0.000	578.80	705.00
0.000700	128.	128.	128.	2	0	0	0.00	40.00	745.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 6450.000									
3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, FLLEA=		593.36		FLREA=	593.36				
6450.00	11.26	588.25	0.00	0.00	588.51	0.26	0.02	0.01	593.36
1360.	0.	1360.	0.	0.	333.	0.	213.	72.	593.40
1.54	0.00	4.09	0.00	0.070	0.100	0.070	0.000	576.99	482.50
0.008518	10.	10.	10.	0	0	0	0.00	35.00	517.50

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COEQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.90	2.60	0.00	34.00	0.00	311.60	0.00	576.99	576.99

*SECNO 6498.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
588.81	588.51	0.00	0.	1360.	312.	368.	587.80	593.02

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6498.00	11.58	588.57	0.00	0.00	588.81	0.24	0.30	0.00	593.36
1360.	0.	1360.	0.	0.	344.	0.	214.	73.	593.40
1.55	0.00	3.96	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000947	48.	48.	48.	2	0	0	0.00	35.00	517.50

CCHV= 0.100 CEHV= 0.300

*SECNO 6508.000

6508.00	11.59	588.58	0.00	0.00	588.82	0.24	0.01	0.00	593.36
1360.	0.	1360.	0.	0.	344.	0.	214.	73.	593.40
1.55	0.00	3.95	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000945	10.	10.	10.	2	0	0	0.00	35.00	517.50

*SECNO 6532.000

UPSTREAM OF RAILROAD BRIDGE

6532.00	11.61	588.60	0.00	0.00	588.84	0.24	0.02	0.00	593.36
1360.	0.	1360.	0.	0.	345.	0.	214.	73.	593.40
1.55	0.00	3.94	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000938	24.	24.	24.	0	0	0	0.00	35.00	517.50

*SECNO 7629.000

3265 DIVIDED FLOW

7629.00	11.64	589.04	0.00	0.00	589.06	0.01	0.19	0.02	584.40
1360.	606.	499.	255.	1287.	348.	701.	248.	81.	584.60
1.93	0.47	1.43	0.36	0.070	0.035	0.070	0.000	577.40	138.64
0.000071	1097.	1097.	1097.	2	0	0	0.00	662.37	991.64

*SECNO 9498.000

9498.00	10.11	589.21	0.00	0.00	589.23	0.02	0.17	0.00	587.20
1360.	498.	537.	325.	1040.	325.	628.	341.	110.	585.20
2.47	0.48	1.65	0.52	0.070	0.035	0.070	0.000	579.10	46.11
0.000117	1869.	1869.	1869.	2	0	0	0.00	667.10	713.21

*SECNO 11248.000

3470 ENCROACHMENT STATIONS= 475.0 560.0 TYPE= 1 TARGET= 85.000

DOWNSTREAM OF WEST ROAD

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
11248.00	9.67	589.47	0.00	0.00	589.64	0.18	0.37	0.05	582.70
1360.	102.	985.	273.	94.	255.	188.	391.	125.	582.80
2.63	1.09	3.87	1.46	0.070	0.035	0.070	0.000	579.80	475.00
0.000482	1750.	1750.	1750.	2	0	0	0.00	85.00	560.00

*SECNO 11346.000

3470 ENCROACHMENT STATIONS= 495.0 535.0 TYPE= 1 TARGET= 40.000

11346.00	9.59	589.39	0.00	0.00	589.76	0.37	0.06	0.06	582.70
1360.	37.	1272.	51.	30.	252.	39.	392.	125.	582.80
2.63	1.23	5.04	1.31	0.070	0.035	0.070	0.000	579.80	495.00
0.000827	98.	98.	98.	2	0	0	0.00	40.00	535.00

CCHV= 0.300 CEHV= 0.500

*SECNO 11356.000

3470 ENCROACHMENT STATIONS= 120.0 850.0 TYPE= 1 TARGET= 730.000

11356.00	9.26	589.36	0.00	0.00	589.83	0.47	0.02	0.05	591.14
1360.	0.	1360.	0.	0.	247.	0.	393.	125.	591.06
2.63	0.00	5.51	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.006952	10.	10.	10.	2	0	0	0.00	29.50	500.00

SPECIAL BRIDGE

5070/VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWF	BAREA	SS	ELCHU	ELCHD
	0.00	1.69	2.60	0.00	27.00	0.00	180.00	0.00	580.10	580.10

*SECNO 11440.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
590.86	589.83	0.00	0.	1360.	180.	230.	588.63	591.06

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE/ELLEA= 591.14 ELREA= 591.06

11440.00	10.39	590.49	0.00	0.00	590.86	0.37	1.03	0.00	591.14
1360.	0.	1360.	0.	0.	280.	0.	393.	125.	591.06
2.64	0.00	4.85	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.004861	84.	84.	84.	2	0	0	0.00	29.50	500.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	GLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	TTRIAL	TDC	TCONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 11450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 592.00 ELREA= 595.00

UPSTREAM OF WEST ROAD

11450.00	10.72	590.52	0.00	0.00	590.87	0.35	0.01	0.00	582.70
1360.	0.	1360.	0.	0.	285.	0.	393.	125.	582.80
2.64	0.00	4.77	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000630	10.	10.	10.	2	0	0	0.00	29.00	529.00

*SECNO 11469.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 592.00 ELREA= 595.00

11469.00	10.73	590.53	0.00	0.00	590.88	0.35	0.01	0.00	582.70
1360.	0.	1360.	0.	0.	285.	0.	393.	125.	582.80
2.64	0.00	4.76	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000627	19.	19.	19.	2	0	0	0.00	29.00	529.00

*SECNO 12898.000

12898.00	10.97	591.17	0.00	0.00	591.19	0.01	0.27	0.03	586.60
1360.	214.	492.	654.	477.	325.	1503.	436.	138.	588.20
3.12	0.45	1.51	0.43	0.070	0.035	0.070	0.000	580.20	338.64
0.000089	1429.	1429.	1429.	2	0	0	0.00	731.53	1070.17

*SECNO 14248.000

14248.00	9.61	591.31	0.00	0.00	591.33	0.02	0.15	0.00	587.30
1360.	331.	420.	609.	527.	231.	1277.	503.	160.	587.40
3.52	0.63	1.82	0.48	0.070	0.035	0.070	0.000	581.70	362.28
0.000136	1350.	1350.	1350.	2	0	0	0.00	716.58	1078.86

*SECNO 15248.000

15248.00	9.29	591.49	0.00	0.00	591.55	0.05	0.20	0.01	588.90
1360.	658.	680.	23.	901.	275.	56.	540.	174.	588.80
3.70	0.73	2.47	0.41	0.070	0.035	0.070	0.000	582.20	4.65
0.000330	1000.	1000.	1000.	2	0	0	0.00	498.55	503.20

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 16448.000									
16448.00	9.56	591.96	0.00	0.00	592.25	0.29	0.63	0.07	588.90
1360.	55.	1179.	127.	55.	255.	131.	563.	183.	588.70
3.78	0.99	4.62	0.97	0.070	0.035	0.070	0.000	582.40	464.58
0.000965	1200.	1200.	1200.	2	0	0	0.00	182.90	647.49

PRINTED IN U.S.A.

THIS RUN EXECUTED 2 MAR 84 11:08:12

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

T1 CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2 100 YEAR FREQUENCY FLOOD
T3 MARSH CREEK ENCROACHED PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.0	0.	585.800	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300
*SECNO 0.000

3470 ENCROACHMENT STATIONS= 434.0 645.0 TYPE= 1 TARGET= 211.000
DOWNSTREAM OF VREELAND RD

0.00	10.90	585.80	0.00	585.80	585.89	0.09	0.00	0.00	583.50
1360.	27.	965.	368.	49.	350.	470.	0.	0.	581.60
0.00	0.55	2.76	0.78	0.070	0.035	0.070	0.000	574.90	434.00
0.000283	0.	0.	0.	0	0	0	0.00	211.00	645.00

*SECNO 75.000
2800 NAT Q1= 964.19 WSEL= 585.82 ENC Q1= 964.19 WSEL= 585.92 RATIO= 0.0000
NAT Q1= 991. RATIOS LOB,CH,ROB= 0.1087 0.7447 0.1466 WSEL= 585.92

3470 ENCROACHMENT STATIONS= 439.3 577.2 TYPE= 4 TARGET= 0.028

75.00	10.62	585.82	0.00	585.82	585.90	0.08	0.02	0.00	580.10
1360.	131.	1046.	183.	169.	407.	232.	1.	0.	579.20
0.01	0.78	2.57	0.79	0.070	0.035	0.070	0.000	575.20	439.29
0.000208	75.	75.	75.	0	0	0	0.00	137.88	577.17

CCHV= 0.300 CEHV= 0.500
*SECNO 77.000
2800 NAT Q1= 964.63 WSEL= 585.82 ENC Q1= 964.63 WSEL= 585.92 RATIO= 0.0000
NAT Q1= 992. RATIOS LOB,CH,ROB= 0.1087 0.7447 0.1466 WSEL= 585.92

3470 ENCROACHMENT STATIONS= 439.2 577.4 TYPE= 4 TARGET= 0.027

77.00	10.62	585.82	0.00	585.82	585.91	0.08	0.00	0.00	580.10
1360.	131.	1045.	184.	169.	408.	233.	1.	0.	579.20
0.01	0.78	2.56	0.79	0.070	0.035	0.070	0.000	575.20	439.17
0.000208	2.	2.	2.	0	0	0	0.00	138.18	577.35

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.65	2.60	0.00	29.00	0.00	230.00	0.00	575.20	575.20

*SECNO 123.000
2800 NAT Q1= 1065.46 WSEL= 586.09 ENC Q1= 1065.46 WSEL= 586.19 RATIO= 0.0000
NAT Q1= 1095. RATIOS LOB,CH,ROB= 0.1142 0.7322 0.1536 WSEL= 586.19
WATER EL=CHANGE FROM NATURAL PROFILES BRIDGE

3470 ENCROACHMENT STATIONS= 434.5 587.4 TYPE= 4 TARGET= 0.027

123.00	11.20	586.10	0.00	586.09	586.17	0.07	0.01	0.00	580.10	
1360.	139.	1027.	193.	194.	426.	272.	2.	0.	579.20	
0.02	0.72	2.41	0.71	0.070	0.035	0.070	0.000	574.90	434.53	
0.000170	46.	46.	46.	0	0	2	0.00	152.89	587.42	

CCHV= 0.100 CEHV= 0.300
*SECNO 125.000
2800 NAT Q1= 1065.56 WSEL= 586.09 ENC Q1= 1065.56 WSEL= 586.19 RATIO= 0.0000
NAT Q1= 1095. RATIOS LOB,CH,ROB= 0.1143 0.7321 0.1536 WSEL= 586.19

3470 ENCROACHMENT STATIONS= 434.5 587.4 TYPE= 4 TARGET= 0.027

125.00	11.20	586.10	0.00	586.09	586.17	0.07	0.00	0.00	580.10	
1360.	139.	1027.	193.	194.	426.	272.	2.	0.	579.20	
0.02	0.72	2.41	0.71	0.070	0.035	0.070	0.000	574.90	434.52	
0.000170	2.	2.	2.	0	0	0	0.00	152.92	587.44	

*SECNO 166.000
2800 NAT Q1= 957.04 WSEL= 586.11 ENC Q1= 957.04 WSEL= 586.21 RATIO= 0.0000
NAT Q1= 1004. RATIOS LOB,CH,ROB= 0.0707 0.6180 0.3113 WSEL= 586.21

3470 ENCROACHMENT STATIONS= 395.7 669.2 TYPE= 4 TARGET= 0.047
UPSTREAM OF VREELAND RD

166.00	11.21	586.11	0.00	586.11	586.18	0.06	0.01	0.00	583.50	
1360.	64.	892.	404.	127.	363.	574.	3.	1.	581.60	
0.02	0.50	2.46	0.71	0.070	0.035	0.070	0.000	574.90	395.73	
0.000215	41.	41.	41.	0	0	0	0.00	273.47	669.20	

*SECNO 2870.000
2800 NAT Q1= 1516.95 WSEL= 586.49 ENC Q1= 1516.95 WSEL= 586.59 RATIO= 0.0000
NAT Q1= 1578. RATIOS LOB,CH,ROB= 0.1095 0.3722 0.5183 WSEL= 586.59

3470 ENCROACHMENT STATIONS= 623.0 1115.8 TYPE= 4 TARGET= 0.039

2870.00	10.01	586.51	0.00	586.49	586.53	0.02	0.35	0.00	584.70	
1360.	125.	531.	704.	333.	762.	1359.	100.	24.	581.80	
0.88	0.38	1.47	0.52	0.070	0.035	0.070	0.000	576.50	622.95	
0.000085	2704.	2704.	2704.	0	0	0	0.00	492.98	1115.84	

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4008.000

3470 ENCROACHMENT STATIONS= 730.0 980.0 TYPE= 1 TARGET= 250.000
DOWNSTREAM OF MONTEBELLO DR

4008.00	10.12	586.62	0.00	586.58	586.65	0.03	0.12	0.00	584.70
1360.	25.	690.	645.	60.	367.	902.	144.	34.	581.80
1.12	0.42	1.88	0.71	0.070	0.035	0.070	0.000	576.50	730.00
0.000136	1138.	1138.	1138.	2	0	0	0.00	250.00	980.00

*SECNO 4190.000

3470 ENCROACHMENT STATIONS= 753.0 930.0 TYPE= 1 TARGET= 177.000

4190.00	10.14	586.64	0.00	586.60	586.68	0.05	0.03	0.00	584.70
1360.	0.	792.	568.	0.	368.	670.	149.	35.	581.80
1.16	0.00	2.15	0.85	0.070	0.035	0.070	0.000	576.50	753.00
0.000187	182.	182.	182.	0	0	0	0.00	177.00	930.00

CCHV= 0.300 CEHV= 0.500

*SECNO 4200.000
3700. BRIDGE STENCL= 753.00 STENCR= 930.00

2800 NAT Q1= 263.90 WSEL= 586.54 ENC Q1= 837.05 WSEL= 586.64 RATIO= -2.1719
NAT Q1= 876. RATIOS LOB,CH,ROB= 0.0402 0.9556 0.0042 WSEL= 586.64

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD= 585.80 MAX ELLC= 584.43

3470 ENCROACHMENT STATIONS= 449.0 500.0 TYPE= 4 TARGET= 0.044

4200.00	10.51	586.61	0.00	586.54	586.72	0.11	0.00	0.03	585.80
1360.	0.	1360.	0.	0.	518.	0.	149.	35.	585.90
1.16	0.00	2.62	0.00	0.070	0.035	0.070	0.000	576.10	449.00
0.000274	10.	10.	10.	2	0	0	0.00	51.00	500.00

*SECNO 4240.000
2800 NAT Q1= 272.91 WSEL= 586.66 ENC Q1= 852.77 WSEL= 586.76 RATIO= -2.1247
NAT Q1= 900. RATIOS LOB,CH,ROB= 0.0469 0.9471 0.0060 WSEL= 586.76

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD= 585.80 MAX ELLC= 584.43

3470 ENCROACHMENT STATIONS= 449.0 500.0 TYPE= 4 TARGET= 0.053

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
4240.00	10.52	586.62	0.00	586.66	586.73	0.11	0.01	0.00	585.80
1360.	0.	1360.	0.	0.	519.	0.	150.	35.	585.90
1.16	0.00	2.62	0.00	0.070	0.035	0.070	0.000	576.10	449.00
0.000274	40.	40.	40.	0	0	0	0.00	51.00	500.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4250.000
2800 NAT Q1= 979.66 WSEL= 586.73 ENC Q1= 979.66 WSEL= 586.83 RATIO= 0.0000
NAT Q1= 1003. RATIOS LOB,CH,ROB= 0.0468 0.9466 0.0066 WSEL= 586.83

3470 ENCROACHMENT STATIONS= 352.8 500.0 TYPE= 4 TARGET= 0.023

4250.00	10.53	586.63	0.00	586.73	586.73	0.10	0.00	0.00	585.80
1360.	36.	1324.	0.	103.	519.	0.	150.	35.	576.40
1.16	0.35	2.55	0.00	0.070	0.035	0.070	0.000	576.10	352.80
0.000255	10.	10.	10.	0	0	0	0.00	147.20	500.00

*SECNO 4288.000
2800 NAT Q1= 981.42 WSEL= 586.73 ENC Q1= 981.42 WSEL= 586.83 RATIO= 0.0000
NAT Q1= 1005. RATIOS LOB,CH,ROB= 0.0472 0.9460 0.0068 WSEL= 586.83

3470 ENCROACHMENT STATIONS= 352.1 500.0 TYPE= 4 TARGET= 0.023
UPSTREAM OF MONTEBELLO DR

4288.00	10.54	586.64	0.00	586.73	586.74	0.10	0.01	0.00	585.80
1360.	37.	1323.	0.	105.	519.	0.	151.	35.	576.40
1.17	0.35	2.55	0.00	0.070	0.035	0.070	0.000	576.10	352.09
0.000253	38.	38.	38.	0	0	0	0.00	147.91	500.00

*SECNO 5350.000
2800 NAT Q1= 655.25 WSEL= 587.01 ENC Q1= 655.25 WSEL= 587.11 RATIO= 0.0000
NAT Q1= 688. RATIOS LOB,CH,ROB= 0.0310 0.8896 0.0794 WSEL= 587.11

3470 ENCROACHMENT STATIONS= 695.2 823.7 TYPE= 4 TARGET= 0.047

5350.00	8.18	586.98	0.00	587.01	587.11	0.13	0.36	0.01	584.00
1360.	9.	1276.	75.	13.	432.	99.	165.	39.	586.20
1.27	0.68	2.96	0.76	0.070	0.035	0.070	0.000	578.80	695.17
0.000466	1062.	1062.	1062.	0	0	0	0.00	128.49	823.67

*SECNO 5612.000

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    SECNO      DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS     BANK ELEV
    Q          QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME       VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE      XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

 2800 NAT Q1=     621.05  WSEL=     587.11  ENC Q1=     628.77  WSEL=     587.21  RATIO= -0.0124
 NAT Q1=     714.  RATIOS LOB,CH,ROB=  0.0350  0.8812  0.0838  WSEL=     587.21

 3470 ENCROACHMENT STATIONS=      700.0      773.0  TYPE=      4  TARGET=       0.119
           DOWNSTREAM OF VAN HORN RD
  5612.00      8.30    587.10      0.00    587.11    587.24      0.15      0.13      0.01    584.00
    1360.         0.      1360.         0.         0.       439.         0.       168.        39.    586.20
     1.29      0.00      3.10      0.00     0.070     0.035     0.070     0.000    578.80    700.00
0.000536       262.      262.      262.         0         0         0      0.00     73.00    773.00

*SECNO 5722.000

 3470 ENCROACHMENT STATIONS=      709.0      742.0  TYPE=      1  TARGET=      33.000
  5722.00      8.19    586.99      0.00    586.99    587.43      0.44      0.10   0.09100000.00
    1360.         0.      1360.         0.         0.       256.         0.       169.        39. 100000.00
     1.30      0.00      5.31      0.00     0.070     0.035     0.070     0.000    578.80    709.00
0.001647       110.      110.      110.         2         0         0      0.00     33.00    742.00


 CCHV=    0.300 CEHV=    0.500
 *SECNO 5732.000
  2800 NAT Q1=     421.26  WSEL=     587.15  ENC Q1=     427.20  WSEL=     587.25  RATIO= -0.0141
 NAT Q1=     427.  RATIOS LOB,CH,ROB=  0.0000  1.0000  0.0000  WSEL=     587.25

 3470 ENCROACHMENT STATIONS=      600.0      630.0  TYPE=      4  TARGET=       0.000

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      588.65 ELREA=      588.65

  5732.00     10.15    587.15      0.00    587.15    587.47      0.33      0.01      0.03    588.68
    1360.         0.      1360.         0.         0.       297.         0.       169.        39.    588.65
     1.30      0.00      4.58      0.00     0.070     0.035     0.070     0.000    577.00    600.00
0.001043        10.       10.       10.         2         0         0      0.00     30.00    630.00


 SPECIAL BRIDGE

 5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED
 SB   XK         XKOR       COEQ       BDLEN      BWC        BWP        BAREA      SS         ELCHU      ELCHD
       0.00       1.65       3.00       0.00      30.00       0.00     210.00       0.00     577.00     577.00

 *SECNO 5768.000
      3700.   BRIDGE STENCL=     600.00   STENCR=     630.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

2800 NAT Q1= 469.02 WSEL= 587.94 ENC Q1= 475.07 WSEL= 588.04 RATIO= -0.0129
NAT Q1= 475. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 588.04
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
588.22	587.47	0.00	0.	1360.	210.	239.	584.96	588.33

3470 ENCROACHMENT STATIONS= 600.0 630.0 TYPE= 4 TARGET= 0.000

5768.00	10.94	587.94	0.00	587.94	588.22	0.28	0.75	0.00	588.68
1360.	0.	1360.	0.	0.	321.	0.	169.	39.	588.65
1.30	0.00	4.24	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.000842	36.	36.	36.	2	0	0	0.00	30.00	630.00

CCHV= 0.100 CEHV= 0.300
*SECNO 5778.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

5778.00	9.27	588.07	0.00	588.07	588.24	0.17	0.01	0.01	584.00
1360.	0.	1360.	0.	0.	408.	0.	169.	39.	100000.00
1.30	0.00	3.33	0.00	0.070	0.035	0.070	0.000	578.80	700.00
0.000502	10.	10.	10.	2	0	0	0.00	50.00	750.00

*SECNO 5798.000
2800 NAT Q1= 822.55 WSEL= 588.16 ENC Q1= 822.55 WSEL= 588.26 RATIO= 0.0000
NAT Q1= 1051. RATIOS LOB,CH,ROB= 0.0986 0.7775 0.1239 WSEL= 588.26

3470 ENCROACHMENT STATIONS= 700.0 780.6 TYPE= 4 TARGET= 0.218
UPSTREAM OF VAN HORN RD

5798.00	9.35	588.15	0.00	588.16	588.25	0.11	0.01	0.01	584.00
1360.	0.	1352.	8.	0.	516.	16.	169.	39.	586.20
1.31	0.00	2.62	0.51	0.070	0.035	0.070	0.000	578.80	700.00
0.000310	20.	20.	20.	2	0	0	0.00	80.61	780.61

*SECNO 6174.000
2800 NAT Q1= 950.19 WSEL= 588.28 ENC Q1= 950.19 WSEL= 588.38 RATIO= 0.0000
NAT Q1= 1100. RATIOS LOB,CH,ROB= 0.1079 0.7643 0.1278 WSEL= 588.38

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   SECNO      DEPTH     CWSEL     CRIWS     WSELK      EG        HV        HL       OLOSS    BANK ELEV
   Q          QLOB      QCH       QROB      ALOB       ACH       AROB      VOL      TWA    LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL        XNCH      XNR       WTN      ELMIN       SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL     IDC       ICONT     CORAR    TOPWID      ENDST

3470 ENCROACHMENT STATIONS=      666.5      817.3  TYPE=      4  TARGET=       0.136
  6174.00      9.48    588.28      0.00    588.28    588.35      0.07      0.10      0.00    584.00
   1360.        61.     1207.       92.       96.       526.      142.      175.       40.    586.20
     1.36      0.63      2.29      0.65     0.070     0.035     0.070     0.000    578.80    666.49
 0.000216       376.      376.      376.         2         0         0      0.00    150.81    817.30

*SECNO 6312.000

3470 ENCROACHMENT STATIONS=      700.0      780.0  TYPE=      1  TARGET=      80.000
          DOWNSTREAM OF RAILROAD BRIDGE
  6312.00      9.49    588.29      0.00    588.29    588.40      0.10      0.03      0.01    584.00
   1360.          0.     1352.       8.        0.       527.       16.      177.       41.    586.20
     1.37      0.00      2.56      0.51     0.070     0.035     0.070     0.000    578.80    700.00
 0.000290       138.      138.      138.         2         0         0      0.00     80.00    780.00

*SECNO 6440.000

3470 ENCROACHMENT STATIONS=      705.0      745.0  TYPE=      1  TARGET=      40.000
  6440.00      9.46    588.26      0.00    588.25    588.49      0.23      0.05     0.04100000.00
     1360.        0.     1360.        0.        0.       352.        0.      178.       41. 100000.00
     1.38      0.00      3.86      0.00     0.070     0.035     0.070     0.000    578.80    705.00
 0.000697       128.      128.      128.         2         0         0      0.00     40.00    745.00

CCHV=   0.300 CEHV=   0.500
*SECNO 6450.000
 2800 NAT Q1=     147.36  WSEL=     588.25  ENC Q1=     149.61  WSEL=     588.35  RATIO= -0.0153
  NAT Q1=     150.  RATIOS LOB,CH,ROB=  0.0000  1.0000  0.0000  WSEL=     588.35

3470 ENCROACHMENT STATIONS=      482.5      517.5  TYPE=      4  TARGET=       0.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      593.36 ELREA=      593.36

  6450.00     11.27    588.26      0.00    588.25    588.52      0.26      0.02      0.01    593.36
   1360.          0.     1360.        0.        0.       333.        0.      178.       41.    593.40
     1.38      0.00      4.08      0.00     0.070     0.100     0.070     0.000    576.99    482.50
 0.008489        10.       10.       10.         2         0         0      0.00     35.00    517.50
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.90	2.60	0.00	34.00	0.00	311.60	0.00	576.99	576.99

*SECNO 6498.000

3700. BRIDGE STENCL= 482.50 STENCR= 517.50

2800 NAT Q1= 441.86 WSEL= 588.57 ENC Q1= 443.45 WSEL= 588.67 RATIO= -0.0149

NAT Q1= 448. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 588.67

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
588.82	588.52	0.00	0.	1360.	312.	368.	587.80	593.02

3470 ENCROACHMENT STATIONS= 482.5 517.5 TYPE= 4 TARGET= 0.000

6498.00	11.59	588.58	0.00	588.57	588.82	0.24	0.30	0.00	593.36
1360.	0.	1360.	0.	0.	344.	0.	179.	41.	593.40
1.38	0.00	3.95	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000944	48.	48.	48.	2	0	0	0.00	35.00	517.50

CCHV= 0.100 CEHV= 0.300

*SECNO 6508.000

2800 NAT Q1= 442.50 WSEL= 588.58 ENC Q1= 449.11 WSEL= 588.68 RATIO= -0.0149

NAT Q1= 449. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 588.68

3470 ENCROACHMENT STATIONS= 482.5 517.5 TYPE= 4 TARGET= 0.000

6508.00	11.60	588.59	0.00	588.58	588.83	0.24	0.01	0.00	593.36
1360.	0.	1360.	0.	0.	345.	0.	179.	41.	593.40
1.38	0.00	3.95	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000941	10.	10.	10.	0	0	0	0.00	35.00	517.50

*SECNO 6532.000

2800 NAT Q1= 444.00 WSEL= 588.60 ENC Q1= 450.69 WSEL= 588.70 RATIO= -0.0151

NAT Q1= 451. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 588.70

3470 ENCROACHMENT STATIONS= 482.5 517.5 TYPE= 4 TARGET= 0.000

UPSTREAM OF RAILROAD BRIDGE

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6532.00	11.62	588.61	0.00	588.60	588.85	0.24	0.02	0.00	593.36
1360.	0.	1360.	0.	0.	345.	0.	179.	41.	593.40
1.39	0.00	3.94	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000935	24.	24.	24.	0	0	0	0.00	35.00	517.50

*SECNO 7629.000
2800 NAT Q1= 1609.41 WSEL= 589.04 ENC Q1= 1609.41 WSEL= 589.14 RATIO= 0.0000
NAT Q1= 1664. RATIOS LOB/CH/ROB= 0.4463 0.3618 0.1919 WSEL= 589.14

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 255.9 910.2 TYPE= 4 TARGET= 0.033

7629.00	11.66	589.06	0.00	589.04	589.08	0.02	0.20	0.02	584.40
1360.	605.	513.	242.	1085.	349.	603.	209.	47.	584.60
1.73	0.56	1.47	0.40	0.070	0.035	0.070	0.000	577.40	255.92
0.000075	1097.	1097.	1097.	2	0	0	0.00	464.37	910.16

*SECNO 9498.000
2800 NAT Q1= 1259.00 WSEL= 589.21 ENC Q1= 1259.00 WSEL= 589.31 RATIO= 0.0000
NAT Q1= 1313. RATIOS LOB/CH/ROB= 0.3710 0.3877 0.2412 WSEL= 589.31

3470 ENCROACHMENT STATIONS= 162.3 637.4 TYPE= 4 TARGET= 0.041

9498.00	10.13	589.23	0.00	589.21	589.26	0.02	0.18	0.00	587.20
1360.	492.	556.	312.	931.	326.	534.	291.	68.	585.20
2.24	0.53	1.70	0.58	0.070	0.035	0.070	0.000	579.10	162.26
0.000123	1869.	1869.	1869.	0	0	0	0.00	475.14	637.40

*SECNO 11248.000

3470 ENCROACHMENT STATIONS= 500.0 560.0 TYPE= 1 TARGET= 60.000
DOWNSTREAM OF WEST ROAD

11248.00	9.73	589.53	0.00	589.47	589.73	0.20	0.42	0.05	582.70
1360.	0.	1030.	330.	0.	256.	190.	336.	78.	582.80
2.38	0.00	4.02	1.74	0.070	0.035	0.070	0.000	579.80	500.00
0.000676	1750.	1750.	1750.	2	0	0	0.00	60.00	560.00

*SECNO 11346.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	TIRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

2800 NAT Q1= 472.94 WSEL= 589.39 ENC Q1= 472.94 WSEL= 589.49 RATIO= 0.0000
NAT Q1= 1198. RATIOS LOB,CH,ROB= 0.0404 0.3764 0.5832 WSEL= 589.49

3470 ENCROACHMENT STATIONS= 500.0 535.4 TYPE= 4 TARGET= 0.605

11346.00	9.69	589.49	0.00	589.39	589.87	0.38	0.08	0.05	582.70
1360.	0.	1296.	64.	0.	255.	42.	337.	78.	582.80
2.39	0.00	5.08	1.54	0.070	0.035	0.070	0.000	579.80	500.00
0.001085	98.	98.	98.	2	0	0	0.00	35.35	535.35

CCHV= 0.300 CEHV= 0.500
*SECNO 11356.000
2800 NAT Q1= 163.12 WSEL= 589.36 ENC Q1= 165.88 WSEL= 589.46 RATIO= -0.0170
NAT Q1= 166. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 589.46

3470 ENCROACHMENT STATIONS= 470.5 500.0 TYPE= 4 TARGET= 0.000

11356.00	9.37	589.47	0.00	589.36	589.93	0.46	0.02	0.04	591.14
1360.	0.	1360.	0.	0.	250.	0.	337.	78.	591.06
2.39	0.00	5.43	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.006689	10.	10.	10.	2	0	0	0.00	29.50	500.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.69	2.60	0.00	27.00	0.00	180.00	0.00	580.10	580.10

*SECNO 11440.000
2800 NAT Q1= 195.07 WSEL= 590.49 ENC Q1= 197.92 WSEL= 590.59 RATIO= -0.0146
NAT Q1= 198. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 590.59
WATER EL=CHANGE FROM NATURAL PROFILES BRIDGE

3470 ENCROACHMENT STATIONS= 470.5 500.0 TYPE= 4 TARGET= 0.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 591.14 ELREA= 591.06

11440.00	10.51	590.61	0.00	590.49	590.96	0.36	0.47	0.03	591.14
1360.	0.	1360.	0.	0.	284.	0.	337.	78.	591.06
2.39	0.00	4.79	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.004702	84.	84.	84.	0	0	0	0.00	29.50	500.00

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   SECNO      DEPTH     CWSEL     CRIWS     WSELK      EG        HV        HL       OLOSS    BANK ELEV
   Q          QLOB      QCH       QROB      ALOB       ACH       AROB      VOL      TWA    LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL        XNCH      XNR       WTN      ELMIN      SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL     IDC       ICONT     CORAR    TOPWID     ENDST

 CCHV=   0.100 CEHV=   0.300
 *SECNO 11450.000

 3470 ENCROACHMENT STATIONS=       1.0    1299.0  TYPE=     1  TARGET=    1298.000

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      592.00 ELREA=      595.00

          UPSTREAM OF WEST ROAD
  11450.00     10.83    590.63      0.00    590.52    590.98      0.35      0.01      0.00    582.70
    1360.        0.      1360.       0.        0.       288.       0.        338.      78.     582.80
      2.39       0.00     4.72       0.00      0.070     0.035     0.070     0.000   579.80    500.00
 0.000607        10.      10.        10.         2         0         0      0.00     29.00    529.00


 *SECNO 11469.000
  2800 NAT Q1=     542.97  WSEL=     590.53  ENC Q1=     552.20  WSEL=     590.63  RATIO= -0.0170
  NAT Q1=     552.  RATIOS LOB,CH,ROB=  0.0000  1.0000  0.0000  WSEL=     590.63

 3470 ENCROACHMENT STATIONS=      500.0     529.0  TYPE=     4  TARGET=       0.000

 3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=      592.00 ELREA=      595.00

  11469.00     10.85    590.65      0.00    590.53    590.99      0.34      0.01      0.00    582.70
    1360.        0.      1360.       0.        0.       289.       0.        338.      78.     582.80
      2.40       0.00     4.71       0.00      0.070     0.035     0.070     0.000   579.80    500.00
 0.000823        19.      19.        19.         0         0         0      0.00     29.00    529.00


 *SECNO 12898.000
  2800 NAT Q1=    1440.76  WSEL=     591.17  ENC Q1=    1440.76  WSEL=     591.27  RATIO=  0.0000
  NAT Q1=    1501.  RATIOS LOB,CH,ROB=  0.1587  0.3550  0.4863  WSEL=     591.27

 3470 ENCROACHMENT STATIONS=      393.1     921.0  TYPE=     4  TARGET=       0.040
  12898.00     11.09    591.29      0.00    591.17    591.31      0.02      0.29      0.03    586.60
    1360.      197.      503.       661.      404.      330.     1387.      377.       88.     588.20
      2.85       0.49     1.52       0.48      0.070     0.035     0.070     0.000   580.20    393.13
 0.000088     1429.    1429.      1429.         0         0         0      0.00    527.87    921.00


 *SECNO 14248.000
  2800 NAT Q1=    1166.93  WSEL=     591.31  ENC Q1=    1166.93  WSEL=     591.41  RATIO=  0.0000
  NAT Q1=    1220.  RATIOS LOB,CH,ROB=  0.2425  0.3016  0.4560  WSEL=     591.41
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3470 ENCROACHMENT STATIONS=		390.6	955.2	TYPE=	4	TARGET=		0.044	
14248.00	9.74	591.44	0.00	591.31	591.46	0.02	0.15	0.00	587.30
1360.	313.	427.	619.	478.	234.	1214.	440.	105.	587.40
3.25	0.66	1.82	0.51	0.070	0.035	0.070	0.000	581.70	390.58
0.000134	1350.	1350.	1350.	0	0	0	0.00	564.67	955.25
*SECNO 15248.000									
2800 NAT Q1=	748.95	WSEL=	591.49	ENC Q1=	748.95	WSEL=	591.59	RATIO=	0.0000
NAT Q1=	785.	RATIOS LOB,CH,ROB=	0.4917	0.4895	0.0188	WSEL=	591.59		
3470 ENCROACHMENT STATIONS=		87.9	404.0	TYPE=	4	TARGET=		0.046	
15248.00	9.41	591.61	0.00	591.49	591.67	0.05	0.20	0.01	588.80
1360.	676.	684.	0.	827.	280.	0.	475.	115.	588.80
3.42	0.82	2.44	0.00	0.070	0.035	0.070	0.000	582.20	87.94
0.000338	1000.	1000.	1000.	2	0	0	0.00	316.06	404.00
*SECNO 16448.000									
2800 NAT Q1=	437.77	WSEL=	591.96	ENC Q1=	437.77	WSEL=	592.06	RATIO=	0.0000
NAT Q1=	452.	RATIOS LOB,CH,ROB=	0.0424	0.8581	0.0994	WSEL=	592.06		
3470 ENCROACHMENT STATIONS=		487.6	583.1	TYPE=	4	TARGET=		0.032	
16448.00	9.68	592.08	0.00	591.96	592.38	0.30	0.64	0.07	588.90
1360.	37.	1204.	118.	33.	260.	105.	495.	120.	588.70
3.50	1.13	4.64	1.13	0.070	0.035	0.070	0.000	582.40	487.57
0.000953	1200.	1200.	1200.	2	0	0	0.00	95.55	583.12

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THIS RUN EXECUTED 2 MAR 84 11:08:28

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

MARSH CREEK NATURAL PROF

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	585.80	0.00	585.88	340.00	68.53	935.03	356.44	340.00	305.00	458.00	500.00	645.00
0.000	585.80	0.00	585.89	211.00	27.24	964.92	367.84	211.00	434.00	458.00	500.00	645.00
75.000	585.82	0.00	585.90	290.14	143.62	1022.31	194.08	0.00	0.00	478.00	523.00	0.00
75.000	585.82	0.00	585.90	137.88	130.91	1045.73	183.36	0.03	439.29	478.00	523.00	577.17
77.000	585.82	0.00	585.90	290.39	143.68	1022.15	194.16	0.00	0.00	478.00	523.00	0.00
77.000	585.82	0.00	585.91	138.18	131.22	1045.08	183.70	0.03	439.17	478.00	523.00	577.35
123.000	586.09	0.00	586.16	331.87	151.27	1005.25	203.49	0.00	0.00	478.00	523.00	0.00
123.000	586.10	0.00	586.17	152.89	139.35	1027.39	193.27	0.03	434.53	478.00	523.00	587.42
125.000	586.09	0.00	586.16	331.92	151.28	1005.22	203.51	0.00	0.00	478.00	523.00	0.00
125.000	586.10	0.00	586.17	152.92	139.36	1027.35	193.28	0.03	434.52	478.00	523.00	587.44
166.000	586.11	0.00	586.17	415.00	88.89	864.01	407.10	415.00	270.00	458.00	500.00	685.00
166.000	586.11	0.00	586.18	273.47	63.81	891.69	404.49	0.05	395.73	458.00	500.00	669.20
2870.000	586.49	0.00	586.50	923.71	142.97	515.35	701.68	0.00	0.00	753.00	800.00	0.00
2870.000	586.51	0.03	586.53	492.88	124.80	531.17	704.03	0.04	622.95	753.00	800.00	1115.84
4008.000	586.58	0.00	586.61	400.00	168.48	617.04	574.48	400.00	580.00	753.00	800.00	980.00
4008.000	586.62	0.04	586.65	250.00	25.27	689.84	644.89	250.00	730.00	753.00	800.00	980.00
4190.000	586.60	0.00	586.63	310.00	172.88	699.95	487.18	310.00	620.00	753.00	800.00	930.00
4190.000	586.64	0.04	586.68	177.00	0.00	792.13	567.87	177.00	753.00	753.00	800.00	930.00
4200.000	586.54	0.00	586.70	320.57	16.56	1330.61	12.83	0.00	0.00	449.00	500.00	0.00
4200.000	586.61	0.07	586.72	51.00	0.00	1360.00	0.00	0.04	449.00	449.00	500.00	500.00
4240.000	586.66	0.00	586.81	343.04	23.48	1317.29	19.23	0.00	0.00	449.00	500.00	0.00
4240.000	586.62	-0.03	586.73	51.00	0.00	1360.00	0.00	0.05	449.00	449.00	500.00	500.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4250.000	586.73	0.00	586.82	357.00	56.03	1297.15	6.82	0.00	0.00	449.00	500.00	0.00
4250.000	586.63	-0.09	586.73	147.20	36.02	1323.98	0.00	0.02	352.80	449.00	500.00	500.00
4288.000	586.73	0.00	586.82	358.49	56.60	1296.42	6.98	0.00	0.00	449.00	500.00	0.00
4288.000	586.64	-0.09	586.74	147.91	37.26	1322.74	0.00	0.02	352.09	449.00	500.00	500.00
5350.000	587.01	0.00	587.12	225.00	37.02	1234.60	88.37	225.00	615.00	700.00	773.00	840.00
5350.000	586.98	-0.03	587.11	128.49	9.10	1275.78	75.12	0.05	695.17	700.00	773.00	823.67
5612.000	587.11	0.00	587.25	90.00	20.74	1336.13	3.13	90.00	690.00	700.00	773.00	780.00
5612.000	587.10	-0.02	587.24	73.00	0.00	1360.00	0.00	0.12	700.00	700.00	773.00	773.00
5722.000	586.99	0.00	587.43	33.00	0.00	1360.00	0.00	33.00	709.00	700.00	773.00	742.00
5722.000	586.99	0.00	587.43	33.00	0.00	1360.00	0.00	33.00	709.00	700.00	773.00	742.00
5732.000	587.15	0.00	587.48	30.00	0.00	1360.00	0.00	0.00	0.00	600.00	630.00	0.00
5732.000	587.15	0.00	587.47	30.00	0.00	1360.00	0.00	0.00	600.00	600.00	630.00	630.00
5768.000	587.94	0.00	588.22	30.00	0.00	1360.00	0.00	0.00	0.00	600.00	630.00	0.00
5768.000	587.94	0.00	588.22	30.00	0.00	1360.00	0.00	0.00	600.00	600.00	630.00	630.00
5778.000	588.07	0.00	588.24	50.00	0.00	1360.00	0.00	50.00	700.00	700.00	773.00	750.00
5778.000	588.07	0.00	588.24	50.00	0.00	1360.00	0.00	50.00	700.00	700.00	773.00	750.00
5798.000	588.16	0.00	588.26	95.00	25.87	1320.31	13.82	95.00	690.00	700.00	773.00	785.00
5798.000	588.15	-0.01	588.25	80.61	0.00	1351.77	8.23	0.22	700.00	700.00	773.00	780.61
6174.000	588.28	0.00	588.35	175.00	71.19	1175.95	112.86	175.00	650.00	700.00	773.00	825.00
6174.000	588.28	0.00	588.35	150.81	60.70	1207.19	92.11	0.14	666.49	700.00	773.00	817.30
6312.000	588.29	0.00	588.38	105.00	54.87	1297.75	7.38	105.00	675.00	700.00	773.00	780.00
6312.000	588.29	0.00	588.40	80.00	0.00	1352.06	7.94	80.00	700.00	700.00	773.00	780.00
6440.000	588.25	0.00	588.48	40.00	0.00	1360.00	0.00	40.00	705.00	700.00	773.00	745.00
6440.000	588.26	0.01	588.49	40.00	0.00	1360.00	0.00	40.00	705.00	700.00	773.00	745.00
6450.000	588.25	0.00	588.51	35.00	0.00	1360.00	0.00	0.00	0.00	482.50	517.50	0.00
6450.000	588.26	0.01	588.52	35.00	0.00	1360.00	0.00	0.00	482.50	482.50	517.50	517.50
6498.000	588.57	0.00	588.81	35.00	0.00	1360.00	0.00	0.00	0.00	482.50	517.50	0.00
6493.000	588.58	0.01	588.82	35.00	0.00	1360.00	0.00	0.00	482.50	482.50	517.50	517.50
6508.000	588.58	0.00	588.82	35.00	0.00	1360.00	0.00	0.00	0.00	482.50	517.50	0.00
6508.000	588.59	0.01	588.83	35.00	0.00	1360.00	0.00	0.00	482.50	482.50	517.50	517.50
6532.000	588.60	0.00	588.84	35.00	0.00	1360.00	0.00	0.00	0.00	482.50	517.50	0.00
6532.000	588.61	0.01	588.85	35.00	0.00	1360.00	0.00	0.00	482.50	482.50	517.50	517.50
7629.000	589.04	0.00	589.06	662.37	605.74	498.90	255.35	0.00	0.00	460.00	500.00	0.00
7629.000	589.06	0.02	589.08	464.37	604.64	513.17	242.19	0.03	255.92	460.00	500.00	910.16

2.55
46.4
700

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
9498.000	589.21	0.00	589.23	667.10	497.79	537.06	325.16	0.00	0.00	455.00	500.00	0.00
9498.000	589.23	0.03	589.26	475.14	492.38	555.76	311.86	0.04	162.26	455.00	500.00	637.40
11248.000	589.47	0.00	589.64	85.00	102.17	984.54	273.29	85.00	475.00	500.00	529.00	560.00
11248.000	589.53	0.07	589.73	60.00	0.00	1030.48	329.52	60.00	500.00	500.00	529.00	560.00
11346.000	589.39	0.00	589.76	40.00	37.49	1271.68	50.83	40.00	495.00	500.00	529.00	535.00
11346.000	589.49	0.10	589.87	35.35	0.00	1295.96	64.04	0.61	500.00	500.00	529.00	535.35
11356.000	589.36	0.00	589.83	29.50	0.00	1360.00	0.00	730.00	120.00	470.50	500.00	850.00
11356.000	589.47	0.11	589.93	29.50	0.00	1360.00	0.00	0.00	470.50	470.50	500.00	500.00
11440.000	590.49	0.00	590.86	29.50	0.00	1360.00	0.00	0.00	0.00	470.50	500.00	0.00
11440.000	590.61	0.11	590.96	29.50	0.00	1360.00	0.00	0.00	470.50	470.50	500.00	500.00
11450.000	590.52	0.00	590.87	29.00	0.00	1360.00	0.00	0.00	0.00	500.00	529.00	0.00
11450.000	590.63	0.11	590.98	29.00	0.00	1360.00	0.00	1298.00	1.00	500.00	529.00	1299.00
11469.000	590.53	0.00	590.88	29.00	0.00	1360.00	0.00	0.00	0.00	500.00	529.00	0.00
11469.000	590.65	0.11	590.99	29.00	0.00	1360.00	0.00	0.00	500.00	500.00	529.00	529.00
12898.000	591.17	0.00	591.19	731.53	213.85	492.44	653.70	0.00	0.00	500.00	541.00	0.00
12898.000	591.29	0.12	591.31	527.87	196.67	502.60	660.73	0.04	393.13	500.00	541.00	921.00
14248.000	591.31	0.00	591.33	716.58	330.88	419.98	609.14	0.00	0.00	500.00	529.00	0.00
14248.000	591.44	0.12	591.46	564.67	313.25	427.46	619.29	0.04	390.58	500.00	529.00	955.25
15248.000	591.49	0.00	591.55	498.55	657.95	679.51	22.54	0.00	0.00	360.00	404.00	0.00
15248.000	591.61	0.12	591.67	316.06	676.16	683.84	0.00	0.05	87.94	360.00	404.00	404.00
16448.000	591.96	0.00	592.25	182.90	54.59	1178.78	126.63	0.00	0.00	500.00	535.00	0.00
16448.000	592.08	0.12	592.38	95.55	37.32	1204.22	118.47	0.03	487.57	500.00	535.00	583.12

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MARSH CREEK NATURAL PROF

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	574.90	1360.00	585.80	0.00	585.88	2.66	2.67	983.54	833.68
0.000	0.00	0.00	0.00	574.90	1360.00	585.80	0.00	585.89	2.83	2.76	869.91	807.86
75.000	75.00	0.00	0.00	575.20	1360.00	585.82	0.00	585.90	1.99	2.51	943.89	964.19
75.000	75.00	0.00	0.00	575.20	1360.00	585.82	0.00	585.90	2.08	2.57	808.26	942.20
77.000	2.00	0.00	0.00	575.20	1360.00	585.82	0.00	585.90	1.99	2.51	944.36	964.63
77.000	2.00	0.00	0.00	575.20	1360.00	585.82	0.00	585.91	2.08	2.56	809.99	943.97
123.000	46.00	584.88	583.30	574.90	1360.00	586.09	0.00	586.16	1.63	2.36	1034.93	1065.46
123.000	46.00	999999.00	0.00	574.90	1360.00	586.10	0.00	586.17	1.70	2.41	891.63	1043.10
125.000	2.00	0.00	0.00	574.90	1360.00	586.09	0.00	586.16	1.63	2.36	1035.05	1065.56
125.000	2.00	0.00	0.00	574.90	1360.00	586.10	0.00	586.17	1.70	2.41	891.74	1043.19
166.000	41.00	0.00	0.00	574.90	1360.00	586.11	0.00	586.17	2.02	2.38	1196.78	957.04
166.000	41.00	0.00	0.00	574.90	1360.00	586.11	0.00	586.18	2.15	2.46	1063.75	928.02
2870.000	2704.00	0.00	0.00	576.50	1360.00	586.49	0.00	586.50	0.80	1.43	2520.19	1516.95
2870.000	2704.00	0.00	0.00	576.50	1360.00	586.51	0.00	586.53	0.85	1.47	2053.29	1477.41
4008.000	1138.00	0.00	0.00	576.50	1360.00	586.58	0.00	586.61	1.10	1.69	1669.04	1294.57
4008.000	1138.00	0.00	0.00	576.50	1360.00	586.62	0.00	586.65	1.36	1.88	1329.41	1166.66
4190.000	182.00	0.00	0.00	576.50	1360.00	586.60	0.00	586.63	1.41	1.91	1382.44	1145.47
4190.000	182.00	0.00	0.00	576.50	1360.00	586.64	0.00	586.68	1.87	2.15	1038.70	994.66
4200.000	10.00	585.80	584.43	576.10	1360.00	586.54	0.00	586.70	26.56	3.24	464.78	263.90
4200.000	10.00	585.80	584.43	576.10	1360.00	586.61	0.00	586.72	2.74	2.62	518.38	821.09
4240.000	40.00	585.80	584.43	576.10	1360.00	586.66	0.00	586.81	24.83	3.16	490.12	272.91
4240.000	40.00	585.80	584.43	576.10	1360.00	586.62	0.00	586.73	2.74	2.62	518.89	822.29
4250.000	10.00	0.00	0.00	576.10	1360.00	586.73	0.00	586.82	1.93	2.48	758.07	979.66
4250.000	10.00	0.00	0.00	576.10	1360.00	586.63	0.00	586.73	2.55	2.55	621.22	851.08
4288.000	38.00	0.00	0.00	576.10	1360.00	586.73	0.00	586.82	1.92	2.47	760.80	981.42
4288.000	38.00	0.00	0.00	576.10	1360.00	586.64	0.00	586.74	2.53	2.55	624.75	854.19
5350.000	1062.00	0.00	0.00	578.80	1360.00	587.01	0.00	587.12	4.31	2.85	627.25	655.25
5350.000	1062.00	0.00	0.00	578.80	1360.00	586.98	0.00	587.11	4.66	2.96	544.22	629.84
5612.000	262.00	0.00	0.00	578.80	1360.00	587.11	0.00	587.25	4.80	3.04	473.98	621.05
5612.000	262.00	0.00	0.00	578.80	1360.00	587.10	0.00	587.24	5.36	3.10	439.13	587.26
5722.000	110.00	0.00	0.00	578.80	1360.00	586.99	0.00	587.43	16.45	5.30	256.40	335.33
5722.000	110.00	0.00	0.00	578.80	1360.00	586.99	0.00	587.43	16.47	5.31	256.30	335.13

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
5732.000	10.00	0.00	0.00	577.00	1360.00	587.15	0.00	587.48	10.42	4.58	296.79	421.26
5732.000	10.00	0.00	0.00	577.00	1360.00	587.15	0.00	587.47	10.43	4.58	296.70	421.08
5768.000	36.00	588.33	584.96	577.00	1360.00	587.94	0.00	588.22	8.41	4.24	320.65	469.02
5768.000	36.00	588.33	584.96	577.00	1360.00	587.94	0.00	588.22	8.42	4.24	320.55	468.81
5778.000	10.00	0.00	0.00	578.80	1360.00	588.07	0.00	588.24	5.01	3.33	408.00	607.47
5778.000	10.00	0.00	0.00	578.80	1360.00	588.07	0.00	588.24	5.02	3.33	407.84	607.13
5798.000	20.00	0.00	0.00	578.80	1360.00	588.16	0.00	588.26	2.73	2.55	580.73	822.55
5798.000	20.00	0.00	0.00	578.80	1360.00	588.15	0.00	588.25	3.10	2.62	532.40	773.03
6174.000	376.00	0.00	0.00	578.80	1360.00	588.28	0.00	588.35	2.05	2.24	818.71	950.19
6174.000	376.00	0.00	0.00	578.80	1360.00	588.28	0.00	588.35	2.16	2.29	764.55	925.52
6312.000	138.00	0.00	0.00	578.80	1360.00	588.29	0.00	588.38	2.47	2.46	623.67	865.86
6312.000	138.00	0.00	0.00	578.80	1360.00	588.29	0.00	588.40	2.90	2.56	542.76	798.76
6440.000	128.00	0.00	0.00	578.80	1360.00	588.25	0.00	588.48	7.00	3.87	351.72	514.08
6440.000	128.00	0.00	0.00	578.80	1360.00	588.26	0.00	588.49	6.97	3.86	352.21	515.13
6450.000	10.00	0.00	0.00	576.99	1360.00	588.25	0.00	588.51	85.18	4.09	332.69	147.36
6450.000	10.00	0.00	0.00	576.99	1360.00	588.26	0.00	588.52	84.89	4.08	333.06	147.60
6498.000	48.00	593.02	587.80	576.99	1360.00	588.57	0.00	588.81	9.47	3.96	343.81	441.86
6498.000	48.00	593.02	587.80	576.99	1360.00	588.58	0.00	588.82	9.44	3.95	344.25	442.69
6508.000	10.00	0.00	0.00	576.99	1360.00	588.58	0.00	588.82	9.45	3.95	344.15	442.50
6508.000	10.00	0.00	0.00	576.99	1360.00	588.59	0.00	588.83	9.41	3.95	344.58	443.30
6532.000	24.00	0.00	0.00	576.99	1360.00	588.60	0.00	588.84	9.38	3.94	344.95	444.00
6532.000	24.00	0.00	0.00	576.99	1360.00	588.61	0.00	588.85	9.35	3.94	345.38	444.81
7629.000	1097.00	0.00	0.00	577.40	1360.00	589.04	0.00	589.06	0.71	1.43	2335.86	1609.41
7629.000	1097.00	0.00	0.00	577.40	1360.00	589.06	0.00	589.08	0.75	1.47	2036.27	1570.90
9498.000	1869.00	0.00	0.00	579.10	1360.00	589.21	0.00	589.23	1.17	1.65	1993.52	1259.00
9498.000	1869.00	0.00	0.00	579.10	1360.00	589.23	0.00	589.26	1.23	1.70	1792.06	1223.99
11248.000	1750.00	0.00	0.00	579.80	1360.00	589.47	0.00	589.64	4.82	3.87	536.44	619.68
11248.000	1750.00	0.00	0.00	579.80	1360.00	589.53	0.00	589.73	6.76	4.02	446.35	523.20
11346.000	98.00	0.00	0.00	579.80	1360.00	589.39	0.00	589.76	8.27	5.04	321.63	472.94
11346.000	98.00	0.00	0.00	579.80	1360.00	589.49	0.00	589.87	10.85	5.08	296.87	412.85
11356.000	10.00	0.00	0.00	580.10	1360.00	589.36	0.00	589.83	69.52	5.51	246.99	163.12
11356.000	10.00	0.00	0.00	580.10	1360.00	589.47	0.00	589.93	66.89	5.43	250.37	166.28
11440.000	84.00	591.06	588.63	580.10	1360.00	590.49	0.00	590.86	48.61	4.85	280.44	195.07
11440.000	84.00	999999.00	0.00	580.10	1360.00	590.61	0.00	590.96	47.02	4.79	283.79	198.33

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
11450.000	10.00	0.00	0.00	579.80	1360.00	590.52	0.00	590.87	6.30	4.77	285.06	541.78
11450.000	10.00	0.00	0.00	579.80	1360.00	590.63	0.00	590.98	6.07	4.72	288.35	552.22
11469.000	19.00	0.00	0.00	579.80	1360.00	590.53	0.00	590.88	6.27	4.76	285.44	542.97
11469.000	19.00	0.00	0.00	579.80	1360.00	590.65	0.00	590.99	8.23	4.71	288.70	474.16
12898.000	1429.00	0.00	0.00	580.20	1360.00	591.17	0.00	591.19	0.89	1.51	2304.95	1440.76
12898.000	1429.00	0.00	0.00	580.20	1360.00	591.29	0.00	591.31	0.88	1.52	2120.74	1448.05
14248.000	1350.00	0.00	0.00	581.70	1360.00	591.31	0.00	591.33	1.36	1.82	2034.81	1166.93
14248.000	1350.00	0.00	0.00	581.70	1360.00	591.44	0.00	591.46	1.34	1.82	1926.54	1176.03
15248.000	1000.00	0.00	0.00	582.20	1360.00	591.49	0.00	591.55	3.30	2.47	1231.87	748.95
15248.000	1000.00	0.00	0.00	582.20	1360.00	591.61	0.00	591.67	3.38	2.44	1107.25	739.68
16448.000	1200.00	0.00	0.00	582.40	1360.00	591.96	0.00	592.25	9.65	4.62	441.71	437.77
16448.000	1200.00	0.00	0.00	582.40	1360.00	592.08	0.00	592.38	9.53	4.64	397.92	440.51

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MARSH CREEK NATURAL PROF

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	1360.00	585.80	0.00	0.00	0.00	340.00	0.00
0.000	1360.00	585.80	0.00	0.00	0.00	211.00	0.00
75.000	1360.00	585.82	0.00	0.02	0.00	290.14	75.00
75.000	1360.00	585.82	0.00	0.02	0.00	137.88	75.00
77.000	1360.00	585.82	0.00	0.00	0.00	290.39	2.00
77.000	1360.00	585.82	0.00	0.00	0.00	138.18	2.00
123.000	1360.00	586.09	0.00	0.27	0.00	331.87	46.00
123.000	1360.00	586.10	0.00	0.27	0.00	152.89	46.00
125.000	1360.00	586.09	0.00	0.00	0.00	331.92	2.00
125.000	1360.00	586.10	0.00	0.00	0.00	152.92	2.00
166.000	1360.00	586.11	0.00	0.02	0.00	415.00	41.00
166.000	1360.00	586.11	0.00	0.01	0.00	273.47	41.00
2870.000	1360.00	586.49	0.00	0.38	0.00	923.71	2704.00
2870.000	1360.00	586.51	0.03	0.40	0.03	492.88	2704.00
4008.000	1360.00	586.58	0.00	0.10	0.00	400.00	1138.00
4008.000	1360.00	586.62	0.04	0.11	0.04	250.00	1138.00
4190.000	1360.00	586.60	0.00	0.02	0.00	310.00	182.00
4190.000	1360.00	586.64	0.04	0.02	0.04	177.00	182.00
4200.000	1360.00	586.54	0.00	-0.06	0.00	320.57	10.00
4200.000	1360.00	586.61	0.07	-0.03	0.07	51.00	10.00
4240.000	1360.00	586.66	0.00	0.11	0.00	343.04	40.00
4240.000	1360.00	586.62	-0.03	0.01	-0.03	51.00	40.00
4250.000	1360.00	586.73	0.00	0.07	0.00	357.00	10.00
4250.000	1360.00	586.63	-0.09	0.01	-0.09	147.20	10.00
4288.000	1360.00	586.73	0.00	0.01	0.00	358.49	38.00
4288.000	1360.00	586.64	-0.09	0.01	-0.09	147.91	38.00
5350.000	1360.00	587.01	0.00	0.28	0.00	225.00	1062.00
5350.000	1360.00	586.98	-0.03	0.34	-0.03	128.49	1062.00
5612.000	1360.00	587.11	0.00	0.10	0.00	90.00	262.00
5612.000	1360.00	587.10	-0.02	0.12	-0.02	73.00	262.00
5722.000	1360.00	586.99	0.00	-0.12	0.00	33.00	110.00
5722.000	1360.00	586.99	0.00	-0.11	0.00	33.00	110.00

PRINTED IN U.S.A.

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5732.000	1360.00	587.15	0.00	0.16	0.00	30.00	10.00
5732.000	1360.00	587.15	0.00	0.16	0.00	30.00	10.00
5768.000	1360.00	587.94	0.00	0.80	0.00	30.00	36.00
5768.000	1360.00	587.94	0.00	0.80	0.00	30.00	36.00
5778.000	1360.00	588.07	0.00	0.12	0.00	50.00	10.00
5778.000	1360.00	588.07	0.00	0.12	0.00	50.00	10.00
5798.000	1360.00	588.16	0.00	0.09	0.00	95.00	20.00
5798.000	1360.00	588.15	-0.01	0.08	-0.01	80.61	20.00
6174.000	1360.00	588.28	0.00	0.12	0.00	175.00	376.00
6174.000	1360.00	588.28	0.00	0.13	0.00	150.81	376.00
6312.000	1360.00	588.29	0.00	0.02	0.00	105.00	138.00
6312.000	1360.00	588.29	0.00	0.01	0.00	80.00	138.00
6440.000	1360.00	588.25	0.00	-0.05	0.00	40.00	128.00
6440.000	1360.00	588.26	0.01	-0.04	0.01	40.00	128.00
6450.000	1360.00	588.25	0.00	0.00	0.00	35.00	10.00
6450.000	1360.00	588.26	0.01	0.00	0.01	35.00	10.00
6498.000	1360.00	588.57	0.00	0.32	0.00	35.00	48.00
6498.000	1360.00	588.58	0.01	0.32	0.01	35.00	48.00
6508.000	1360.00	588.58	0.00	0.01	0.00	35.00	10.00
6508.000	1360.00	588.59	0.01	0.01	0.01	35.00	10.00
6532.000	1360.00	588.60	0.00	0.02	0.00	35.00	24.00
6532.000	1360.00	588.61	0.01	0.02	0.01	35.00	24.00
7629.000	1360.00	589.04	0.00	0.44	0.00	662.37	1097.00
7629.000	1360.00	589.06	0.02	0.45	0.02	464.37	1097.00
9498.000	1360.00	589.21	0.00	0.16	0.00	667.10	1869.00
9498.000	1360.00	589.23	0.03	0.17	0.03	475.14	1869.00
11248.000	1360.00	589.47	0.00	0.26	0.00	85.00	1750.00
11248.000	1360.00	589.53	0.07	0.30	0.07	60.00	1750.00
11346.000	1360.00	589.39	0.00	-0.08	0.00	40.00	98.00
11346.000	1360.00	589.49	0.10	-0.04	0.10	35.35	98.00
11356.000	1360.00	589.36	0.00	-0.03	0.00	29.50	10.00
11356.000	1360.00	589.47	0.11	-0.02	0.11	29.50	10.00
11440.000	1360.00	590.49	0.00	1.13	0.00	29.50	84.00
11440.000	1360.00	590.61	0.11	1.13	0.11	29.50	84.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11450.000	1360.00	590.52	0.00	0.03	0.00	29.00	10.00
11450.000	1360.00	590.63	0.11	0.03	0.11	29.00	10.00
11469.000	1360.00	590.53	0.00	0.01	0.00	29.00	19.00
11469.000	1360.00	590.65	0.11	0.01	0.11	29.00	19.00
12898.000	1360.00	591.17	0.00	0.64	0.00	731.53	1429.00
12898.000	1360.00	591.29	0.12	0.65	0.12	527.87	1429.00
14248.000	1360.00	591.31	0.00	0.14	0.00	716.58	1350.00
14248.000	1360.00	591.44	0.12	0.14	0.12	564.67	1350.00
15248.000	1360.00	591.49	0.00	0.18	0.00	498.55	1000.00
15248.000	1360.00	591.61	0.12	0.18	0.12	316.06	1000.00
16448.000	1360.00	591.96	0.00	0.46	0.00	182.90	1200.00
16448.000	1360.00	592.08	0.12	0.46	0.12	95.55	1200.00

PRINTED IN U.S.A.

SUMMARY OF ERRORS AND SPECIAL NOTES

PRINTED IN U.S.A.

THIS RUN EXECUTED 29 FEB 84 14:44:05

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
**************************************************

C
T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      10 YEAR FREQUENCY FLOOD
T3      MARSH CREEK

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       2.        0.        0.  0.000000      0.00      0.0       0.   584.700     0.000
J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    1.000      0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
J3  VARIABLE CODES FOR SUMMARY PRINTOUT
  110.000    150.000    201.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000

NC    0.070     0.070     0.035     0.100     0.300     0.000     0.000     0.000     0.000     0.000
QT    4.000   780.000  1176.000  1360.000  1730.000     0.000     0.000     0.000     0.000     0.000
          DOWNSTREAM OF VREELAND RD
X1    0.000    17.000   458.000   500.000     0.000     0.000     0.000     0.000     0.000     0.000
X3    0.000     0.000     0.000   305.000     0.000   645.000     0.000     0.000     0.000     0.000
GR  587.400     0.000   585.100   358.000   585.200   383.000   584.300   408.000   584.000   433.000
GR  583.500   458.000   575.800   475.000   575.000   480.000   575.000   485.000   574.900   490.000
GR  575.600   494.000   581.600   500.000   582.300   525.000   582.500   550.000   582.500   575.000
GR  582.600   600.000   590.000  1000.000     0.000     0.000     0.000     0.000     0.000     0.000

X1   75.000    13.000   478.000   523.000    75.000    75.000    75.000     0.000     0.000     0.000
GR  591.600     0.000   585.590   400.000   580.100   478.000   577.200   490.000   575.200   491.000
GR  575.600   500.000   576.200   509.000   575.700   510.000   576.300   518.000   579.200   523.000
GR  579.900   526.000   584.950   600.000   589.600  1000.000     0.000     0.000     0.000     0.000

NC    0.000     0.000     0.000     0.300     0.500     0.000     0.000     0.000     0.000     0.000
X1   77.000     0.000     0.000     0.000     2.000     2.000     2.000     0.000     0.000     0.000
X3   10.000     0.000     0.000     0.000     0.000     0.000     0.000   584.800   584.800     0.000

SB    0.000     1.650     2.600     0.000    29.000     0.000   230.000     0.000     0.000     0.000
X1  123.000    16.000   478.000   523.000    46.000    46.000    46.000     0.000     0.000     0.000
X2    0.000     0.000     1.000   583.300   584.880     0.000     0.000     0.000     0.000     0.000
X3   10.000     0.000     0.000     0.000     0.000     0.000     0.000   584.880   584.880     0.000
BT  -14.000     0.000   591.600     0.000   481.500   585.300     0.000   481.500   585.300   577.500
BT    0.000   485.000   585.200   580.520   490.000   585.200   582.400   495.000   585.180   583.540
BT    0.000   500.000   585.180   583.390   505.000   585.150   583.530   510.000   585.130   582.660
BT    0.000   515.000   585.100   580.830   518.200   584.880   579.100   518.200   584.880     0.000
BT    0.000   600.000   584.950     0.000  1000.000   589.600     0.000     0.000     0.000     0.000
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GR	591.600	0.000	585.590	400.000	580.100	478.000	577.500	481.500	575.900	485.000
GR	574.900	490.000	575.000	495.000	575.300	500.000	575.600	505.000	576.500	510.000
GR	578.400	515.000	579.100	518.200	579.200	523.000	579.900	526.000	584.950	600.000
GR	589.600	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	125.000	0.000	0.000	0.000	2.000	2.000	2.000	0.000	0.000	0.000
	UPSTREAM OF VREELAND RD									
X1	166.000	17.000	458.000	500.000	41.000	41.000	41.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	270.000	0.000	685.000	0.000	0.000	0.000	0.000
GR	587.400	0.000	585.100	358.000	585.200	383.000	584.300	408.000	584.000	433.000
GR	583.500	458.000	575.800	475.000	575.000	480.000	575.000	485.000	574.900	490.000
GR	575.600	494.000	581.600	500.000	582.300	525.000	582.500	550.000	582.500	575.000
GR	582.600	600.000	590.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2870.000	17.000	753.000	800.000	2704.000	2704.000	2704.000	0.000	0.000	0.000
GR	590.000	0.000	584.700	650.000	583.900	675.000	583.500	700.000	582.600	725.000
GR	584.800	750.000	584.700	753.000	576.500	770.500	576.500	780.000	576.600	785.000
GR	578.800	793.000	581.800	800.000	581.600	825.000	581.600	850.000	581.200	875.000
GR	581.300	900.000	587.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4008.000	0.000	0.000	0.000	1138.000	1138.000	1138.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	580.000	0.000	980.000	0.000	0.000	0.000	0.000
X1	4190.000	0.000	0.000	0.000	182.000	182.000	182.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	620.000	0.000	930.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	4200.000	17.000	449.000	500.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	585.800	585.800	0.000
BT	18.000	0.000	590.000	0.000	449.000	585.800	576.100	449.000	585.800	584.430
BT	461.000	585.960	584.400	461.000	585.930	576.100	462.000	585.960	576.200	462.000
BT	585.960	584.350	474.000	586.000	584.350	474.000	586.000	576.100	475.000	586.050
BT	576.600	475.000	586.050	584.390	487.000	585.980	584.370	487.000	585.980	576.800
BT	488.000	585.950	576.500	488.000	585.950	584.390	500.000	585.900	584.310	500.000
BT	585.900	0.000	1000.000	590.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	585.300	350.000	585.800	449.000	576.100	449.000	576.100	455.000
GR	576.100	461.000	576.200	462.000	576.600	468.000	576.100	474.000	576.600	475.000
GR	576.700	481.000	576.800	487.000	576.500	488.000	576.800	494.000	576.400	500.000
GR	585.900	500.000	590.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	4240.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	585.800	585.900	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	4250.000	17.000	449.000	500.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	585.800	585.900	0.000
GR	590.000	0.000	585.300	350.000	585.800	449.000	576.100	449.100	576.100	455.000
GR	576.100	461.000	576.200	462.000	576.600	468.000	576.100	474.000	576.600	475.000
GR	576.700	481.000	576.800	487.000	576.500	488.000	576.800	494.000	576.400	500.000
GR	585.900	500.100	590.000	1000.000	0.000	0.000	0.000	0.000	0.000	0.000

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X1	4288.000	0.000	0.000	0.000	38.000	38.000	38.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	585.800	585.900	0.000
X1	5350.000	18.000	700.000	773.000	1062.000	1062.000	1062.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	615.000	0.000	840.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	586.800	600.000	586.800	650.000	586.200	675.000	584.000	700.000
GR	580.500	709.000	578.800	720.000	579.100	730.000	579.000	740.000	579.200	742.000
GR	586.200	773.000	585.400	793.000	584.000	808.000	584.200	818.000	585.300	823.000
GR	585.700	848.000	586.700	873.000	595.700	1173.000	0.000	0.000	0.000	0.000
X1	5612.000	0.000	0.000	0.000	262.000	262.000	262.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	690.000	0.000	780.000	0.000	0.000	0.000	0.000
X1	5722.000	0.000	0.000	0.000	110.000	110.000	110.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	709.000	0.000	742.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	5732.000	11.000	600.000	630.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	588.650	588.650	0.000
GR	590.000	0.000	588.330	500.000	588.680	600.000	578.200	600.000	577.000	602.000
GR	577.000	610.000	577.200	620.000	577.900	630.000	588.650	630.000	588.640	730.000
GR	588.600	1130.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.650	3.000	0.000	30.000	0.000	210.000	0.000	0.000	0.000
X1	5768.000	0.000	0.000	0.000	36.000	36.000	36.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	-4.000	600.000	588.680	578.200	600.000	588.680	584.830	630.000	588.650	584.960
BT	0.000	630.000	588.330	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	5778.000	18.000	700.000	773.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	700.000	0.000	750.000	0.000	0.000	0.000	0.000
GR	590.000	0.000	586.800	600.000	586.800	650.000	586.200	675.000	584.000	700.000
GR	580.500	709.000	578.800	720.000	579.100	730.000	579.000	740.000	579.200	742.000
GR	586.200	773.000	585.400	793.000	584.000	808.000	584.200	818.000	585.300	823.000
GR	585.700	848.000	586.700	873.000	595.700	1173.000	0.000	0.000	0.000	0.000
X1	5798.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	690.000	0.000	785.000	0.000	0.000	0.000	0.000
X1	6174.000	0.000	0.000	0.000	376.000	376.000	376.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	650.000	0.000	825.000	0.000	0.000	0.000	0.000
X1	6312.000	0.000	0.000	0.000	138.000	138.000	138.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	675.000	0.000	780.000	0.000	0.000	0.000	0.000
X1	6440.000	0.000	0.000	0.000	128.000	128.000	128.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	705.000	0.000	745.000	0.000	0.000	0.000	0.000

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NC	0.000	0.000	0.100	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	6450.000	31.000	482.500	517.500	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	593.360	593.360	0.000
GR	593.020	0.000	593.300	400.000	593.360	482.500	582.160	482.500	579.660	483.000
GR	578.570	483.800	578.570	485.500	578.570	488.000	578.570	490.500	578.570	492.200
GR	579.660	493.000	582.160	493.500	582.300	494.500	579.800	495.000	578.300	496.000
GR	578.300	497.500	578.300	500.000	578.300	502.500	578.300	504.000	579.800	505.000
GR	582.300	505.500	582.430	506.500	579.930	507.000	576.990	509.500	576.990	512.000
GR	576.990	514.500	579.930	517.000	582.430	517.500	593.400	517.500	593.530	600.000
GR	594.170	1000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.900	2.600	0.000	34.000	0.000	311.600	0.000	0.000	0.000
X1	6498.000	0.000	0.000	0.000	48.000	48.000	48.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	-26.000	0.000	593.020	0.000	400.000	593.300	0.000	482.500	593.360	0.000
BT	0.000	482.500	593.360	582.160	483.000	593.360	584.660	485.500	593.360	587.160
BT	0.000	488.000	593.360	587.660	490.500	593.360	587.160	493.000	593.360	584.660
BT	0.000	493.500	593.360	582.160	494.500	593.370	582.300	495.000	593.370	584.600
BT	0.000	497.500	593.370	587.300	500.000	593.370	587.800	502.500	593.370	587.300
BT	0.000	505.000	593.370	584.600	505.500	593.380	582.300	506.500	593.380	582.430
BT	0.000	507.000	593.380	584.730	509.500	593.390	587.430	514.500	593.390	587.430
BT	0.000	517.000	593.400	584.730	517.500	593.400	582.430	517.500	593.400	0.000
BT	0.000	600.000	593.530	0.000	1000.000	594.170	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	6508.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X1	6532.000	0.000	0.000	0.000	24.000	24.000	24.000	0.000	0.000	0.000
X1	7629.000	19.000	460.000	500.000	1097.000	1097.000	1097.000	0.000	0.000	0.000
GR	593.200	0.000	582.400	360.000	582.700	385.000	583.300	410.000	584.700	435.000
GR	584.400	460.000	577.700	471.000	577.500	475.000	577.400	480.000	577.900	484.000
GR	583.400	493.000	584.600	500.000	585.500	525.000	584.500	550.000	584.500	575.000
GR	586.000	600.000	594.200	780.000	586.200	900.000	595.500	1200.000	0.000	0.000
X1	9498.000	20.000	455.000	500.000	1869.000	1869.000	1869.000	0.000	0.000	0.000
GR	590.000	0.000	586.900	180.000	585.900	355.000	584.400	380.000	584.400	405.000
GR	584.600	430.000	587.300	435.000	587.200	455.000	579.100	475.000	579.300	480.000
GR	579.700	485.000	580.600	489.000	585.200	500.000	585.500	525.000	584.500	550.000
GR	584.900	575.000	585.500	600.000	588.700	700.000	592.530	800.000	595.000	1100.000
X1	11248.000	25.000	500.000	529.000	1750.000	1750.000	1750.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	475.000	0.000	560.000	0.000	0.000	0.000	0.000
GR	595.650	0.000	595.200	225.000	590.900	375.000	591.080	396.000	591.310	406.000
GR	591.370	416.000	592.000	425.000	591.320	427.000	591.220	437.000	590.930	447.000
GR	591.000	450.000	590.200	460.000	588.700	475.000	582.700	500.000	580.600	505.000
GR	579.800	510.000	580.300	515.000	580.300	524.000	582.800	529.000	583.800	554.000
GR	584.300	579.000	584.000	604.000	584.500	629.000	590.000	1000.000	600.000	1001.000

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X1	11346.000	0.000	0.000	0.000	98.000	98.000	98.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	495.000	0.000	535.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.070	0.300	0.500	0.000	0.000	0.000	0.000	0.000
X1	11356.000	12.000	470.500	500.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	120.000	0.000	850.000	0.000	0.000	0.000	0.000
GR	593.360	0.000	591.340	370.000	591.140	470.500	580.100	470.500	580.600	475.000
GR	580.400	480.000	580.500	490.000	583.600	500.000	591.060	500.000	590.340	600.000
GR	590.000	1100.000	595.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	1.690	2.600	0.000	27.000	0.000	180.000	0.000	0.000	0.000
X1	11440.000	0.000	0.000	0.000	84.000	84.000	84.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	588.630	591.060	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	591.140	591.060	0.000
BT	-6.000	0.000	593.360	0.000	470.500	591.140	0.000	470.500	591.140	587.490
BT	0.000	500.000	591.060	587.390	500.000	591.060	0.000	1300.000	595.000	0.000
NC	0.000	0.000	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
X1	11450.000	25.000	500.000	529.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	592.000	595.000	0.000
GR	595.650	0.000	595.200	225.000	590.900	375.000	591.080	396.000	591.310	406.000
GR	591.370	416.000	592.000	425.000	591.320	427.000	591.220	437.000	590.930	447.000
GR	591.000	450.000	590.200	460.000	588.700	475.000	582.700	500.000	580.600	505.000
GR	579.800	510.000	580.300	515.000	580.300	524.000	582.800	529.000	583.800	554.000
GR	584.300	579.000	584.000	604.000	584.500	629.000	590.000	1000.000	595.000	1300.000
X1	11469.000	0.000	0.000	0.000	19.000	19.000	19.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	592.000	595.000	0.000
X1	12898.000	19.000	500.000	541.000	1429.000	1429.000	1429.000	0.000	0.000	0.000
GR	595.000	0.000	592.400	320.000	589.100	370.000	588.500	400.000	587.900	425.000
GR	587.300	450.000	587.000	475.000	586.600	500.000	581.000	507.000	580.200	515.000
GR	581.300	520.000	581.600	521.500	588.200	541.000	587.100	566.000	586.400	591.000
GR	586.500	616.000	586.600	641.000	590.000	1000.000	595.000	1300.000	0.000	0.000
X1	14248.000	20.000	500.000	529.000	1350.000	1350.000	1350.000	0.000	0.000	0.000
GR	594.400	0.000	593.400	355.000	589.100	370.000	588.000	400.000	587.200	425.000
GR	586.500	450.000	586.500	475.000	587.300	500.000	582.700	503.500	582.500	510.000
GR	581.700	515.000	582.600	520.000	582.900	522.000	587.400	529.000	586.800	554.000
GR	587.200	579.000	587.300	604.000	588.200	629.000	590.000	1000.000	595.000	1300.000
X1	15248.000	20.000	360.000	404.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	592.270	0.000	590.600	10.000	587.700	260.000	588.300	285.000	588.700	310.000
GR	588.200	335.000	588.800	360.000	585.800	369.000	583.000	371.500	582.700	375.000
GR	582.300	380.000	582.200	385.000	582.700	388.500	587.600	393.500	588.800	404.000
GR	591.100	429.000	591.200	454.000	591.300	479.000	591.500	504.000	592.500	760.000
X1	16448.000	19.000	500.000	535.000	1200.000	1200.000	1200.000	0.000	0.000	0.000
GR	594.000	0.000	594.000	400.000	593.800	425.000	593.300	450.000	591.000	475.000
GR	588.900	500.000	585.500	506.500	583.100	508.600	582.800	510.000	582.400	515.000
GR	582.600	520.000	583.500	526.800	586.600	529.000	588.700	535.000	590.100	560.000
GR	590.800	585.000	591.400	610.000	591.900	635.000	595.000	1300.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

3470 ENCROACHMENT STATIONS= 305.0 645.0 TYPE= 1 TARGET= 340.000

DOWNSTREAM OF VREELAND RD

0.00	9.80	584.70	0.00	584.70	584.75	0.05	0.00	0.00	583.50
780.	10.	619.	152.	40.	304.	311.	0.	0.	581.60
0.00	0.24	2.04	0.49	0.070	0.035	0.070	0.000	574.90	396.89
0.000187	0.	0.	0.	0	0	0	0.00	248.11	645.00

*SECNO 75.000

75.00	9.52	584.72	0.00	0.00	584.76	0.04	0.01	0.00	580.10
780.	61.	638.	81.	151.	358.	185.	1.	0.	579.20
0.01	0.40	1.78	0.44	0.070	0.035	0.070	0.000	575.20	412.45
0.000119	75.	75.	75.	0	0	0	0.00	184.10	596.54

CCHV= 0.300 CEHV= 0.500

*SECNO 77.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 584.80 ELREA= 584.80

77.00	9.51	584.71	0.00	0.00	584.78	0.07	0.00	0.02	580.10
780.	0.	780.	0.	0.	358.	0.	1.	0.	579.20
0.01	0.00	2.18	0.00	0.070	0.035	0.070	0.000	575.20	478.00
0.000179	2.	2.	2.	1	0	0	0.00	45.00	523.00

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.65	2.60	0.00	29.00	0.00	230.00	0.00	575.20	575.20

*SECNO 123.000

PRESSURE AND WEIR FLOW

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
585.00	584.78	0.00	5.	774.	230.	235.	583.30	584.88	
123.00	10.06	584.96	0.00	0.00	585.00	0.04	0.22	0.00	580.10
780.	64.	632.	84.	168.	375.	204.	2.	1.	579.20
0.02	0.38	1.69	0.41	0.070	0.035	0.070	0.000	574.90	408.94
0.000099	46.	46.	46.	2	0	3	0.00	191.95	600.90

CCHV= 0.100 CEHV= 0.300

*SECNO 125.000

125.00	10.06	584.96	0.00	0.00	585.00	0.04	0.00	0.00	580.10
780.	64.	632.	84.	168.	375.	204.	2.	1.	579.20
0.02	0.38	1.69	0.41	0.070	0.035	0.070	0.000	574.90	408.94
0.000099	2.	2.	2.	0	0	0	0.00	191.98	600.92

*SECNO 166.000

3470 ENCROACHMENT STATIONS= 270.0 685.0 TYPE= 1 TARGET= 415.000

UPSTREAM OF VREELAND RD

166.00	10.06	584.96	0.00	0.00	585.00	0.04	0.00	0.00	583.50
780.	14.	589.	177.	57.	315.	396.	3.	1.	581.60
0.03	0.25	1.87	0.45	0.070	0.035	0.070	0.000	574.90	389.54
0.000150	41.	41.	41.	0	0	0	0.00	295.46	685.00

*SECNO 2870.000

2870.00	8.77	585.27	0.00	0.00	585.28	0.01	0.28	0.00	584.70
780.	43.	371.	367.	180.	304.	1070.	75.	31.	581.80
1.03	0.24	1.22	0.34	0.070	0.035	0.070	0.000	576.50	580.06
0.000074	2704.	2704.	2704.	2	0	0	0.00	668.22	1248.27

*SECNO 4008.000

3470 ENCROACHMENT STATIONS= 580.0 980.0 TYPE= 1 TARGET= 400.000

4008.00	8.86	585.36	0.00	0.00	585.37	0.02	0.09	0.00	584.70
780.	51.	410.	319.	195.	308.	675.	110.	45.	581.80
1.37	0.26	1.33	0.47	0.070	0.035	0.070	0.000	576.50	580.00
0.000086	1138.	1138.	1138.	2	0	0	0.00	400.00	980.00

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   SECNO      DEPTH     CWSEL     CRIWS     WSELK      EG        HV        HL       OLOSS    BANK ELEV
   Q          QLOB      QCH       QROB      ALOB       ACH       AROB      VOL      TWA    LEFT/RIGHT
   TIME       VLOB      VCH       VROB      XNL        XNCH      XNR       WTN      ELMIN       SSTA
   SLOPE      XLOBL     XLCH      XLOBR     ITRIAL     IDC       ICONT     CORAR    TOPWID      ENDST

*SECNO 4190.000

3470 ENCROACHMENT STATIONS=      620.0      930.0  TYPE=      1  TARGET=     310.000
  4190.00      8.87    585.37      0.00      0.00    585.39      0.02      0.02      0.00    584.70
     780.       57.      455.      268.      187.      309.      506.      115.       46.     581.80
     1.42      0.30      1.47      0.53     0.070     0.035     0.070     0.000    576.50    620.00
 0.000106       182.      182.      182.         0         0         0      0.00    310.00    930.00

CCHV=   0.300 CEHV=   0.500
*SECNO 4200.000

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD=  585.80 MAX ELLC=  584.43

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=       585.80 ELREA=       585.80

  4200.00      9.25    585.35      0.00      0.00    585.42      0.07      0.00      0.02    585.80
     780.         0.      780.         0.         0.      380.         0.      115.       46.     585.90
     1.42      0.00      2.05      0.00     0.070     0.035     0.070     0.000    576.10    449.00
 0.000838        10.       10.       10.         2         0         0    -73.87     51.00    500.00

*SECNO 4240.000

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD=  585.80 MAX ELLC=  584.43

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=       585.80 ELREA=       585.90

  4240.00      9.29    585.39      0.00      0.00    585.45      0.07      0.03      0.00    585.80
     780.         0.      780.         0.         0.      380.         0.      115.       46.     585.90
     1.43      0.00      2.05      0.00     0.070     0.035     0.070     0.000    576.10    449.00
 0.000838        40.       40.       40.         1         0         0    -75.20     51.00    500.00

CCHV=   0.100 CEHV=   0.300
*SECNO 4250.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=       585.80 ELREA=       585.90

  4250.00      9.31    585.41      0.00      0.00    585.46      0.05      0.00      0.00    585.80
     780.         0.      780.         0.         0.      456.         0.      115.       46.     576.40
     1.43      0.00      1.71      0.00     0.070     0.035     0.070     0.000    576.10    449.00
 0.000109        10.       10.       10.         1         0         0      0.00     51.00    500.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 4288.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 585.80 ELREA= 585.90

4288.00	9.31	585.41	0.00	0.00	585.46	0.05	0.00	0.00	585.80
780.	0.	780.	0.	0.	457.	0.	116.	46.	576.40
1.44	0.00	1.71	0.00	0.070	0.035	0.070	0.000	576.10	449.00
0.000109	38.	38.	38.	1	0	0	0.00	51.00	500.00

*SECNO 5350.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 615.0 840.0 TYPE= 1 TARGET= 225.000

5350.00	6.79	585.59	0.00	0.00	585.67	0.08	0.20	0.01	584.00
780.	5.	760.	15.	14.	330.	35.	126.	49.	586.20
1.57	0.36	2.30	0.42	0.070	0.035	0.070	0.000	578.80	681.97
0.000384	1062.	1062.	1062.	2	0	0	0.00	139.97	840.00

*SECNO 5612.000

3470 ENCROACHMENT STATIONS= 690.0 780.0 TYPE= 1 TARGET= 90.000

5612.00	6.88	585.68	0.00	0.00	585.77	0.08	0.10	0.00	584.00
780.	6.	774.	0.	12.	337.	0.	128.	49.	586.20
1.60	0.45	2.30	0.00	0.070	0.035	0.070	0.000	578.80	690.00
0.000375	262.	262.	262.	2	0	0	0.00	80.72	770.72

*SECNO 5722.000

3470 ENCROACHMENT STATIONS= 709.0 742.0 TYPE= 1 TARGET= 33.000

5722.00	6.86	585.66	0.00	0.00	585.87	0.21	0.06	0.04100000.00	
780.	0.	780.	0.	0.	212.	0.	129.	49.	100000.00
1.61	0.00	3.67	0.00	0.070	0.035	0.070	0.000	578.80	709.00
0.000939	110.	110.	110.	2	0	0	0.00	33.00	742.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5732.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA=			588.65	ELREA=	588.65				
5732.00	8.75	585.75	0.00	0.00	585.89	0.15	0.01	0.02	588.68
780.	0.	780.	0.	0.	255.	0.	129.	49.	588.65
1.61	0.00	3.06	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.000527	10.	10.	10.	2	0	0	0.00	30.00	630.00

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.65	3.00	0.00	30.00	0.00	210.00	0.00	577.00	577.00

*SECNO 5768.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
586.10	585.89	0.00	0.	780.	210.	239.	584.96	588.33
5768.00	8.96	585.96	0.00	0.00	586.10	0.14	0.21	0.00	588.68
780.	0.	780.	0.	0.	261.	0.	129.	49.	588.65
1.61	0.00	2.99	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.000491	36.	36.	36.	2	0	0	0.00	30.00	630.00

CCHV= 0.100 CEHV= 0.300

*SECNO 5778.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

5778.00	7.21	586.01	0.00	0.00	586.11	0.10	0.00	0.00	584.00
780.	0.	780.	0.	0.	305.	0.	129.	49.	100000.00
1.61	0.00	2.56	0.00	0.070	0.035	0.070	0.000	578.80	700.00
0.000397	10.	10.	10.	2	0	0	0.00	50.00	750.00

*SECNO 5798.000

3265 DIVIDED FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV LEFT/RIGHT
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	SSTA
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	ENDST
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	

3470 ENCROACHMENT STATIONS= 690.0 785.0 TYPE= 1 TARGET= 95.000

5798.00	7.25	586.05	0.00	0.00	586.12	0.07	0.01	0.00	584.00
780.	8.	772.	0.	16.	363.	1.	129.	49.	586.20
1.62	0.47	2.13	0.11	0.070	0.035	0.070	0.000	578.80	690.00
0.000300	20.	20.	20.	2	0	0	0.00	90.56	785.00

*SECNO 6174.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 650.0 825.0 TYPE= 1 TARGET= 175.000

6174.00	7.37	586.17	0.00	0.00	586.22	0.06	0.10	0.00	584.00
780.	10.	744.	26.	27.	372.	59.	133.	50.	586.20
1.67	0.36	2.00	0.44	0.070	0.035	0.070	0.000	578.80	675.31
0.000259	376.	376.	376.	1	0	0	0.00	148.88	825.00

*SECNO 6312.000

3470 ENCROACHMENT STATIONS= 675.0 780.0 TYPE= 1 TARGET= 105.000

6312.00	7.40	586.20	0.00	0.00	586.26	0.06	0.04	0.00	584.00
780.	10.	770.	0.	28.	375.	1.	134.	51.	586.20
1.69	0.37	2.05	0.09	0.070	0.035	0.070	0.000	578.80	675.00
0.000272	138.	138.	138.	0	0	0	0.00	105.00	780.00

*SECNO 6440.000

3470 ENCROACHMENT STATIONS= 705.0 745.0 TYPE= 1 TARGET= 40.000

6440.00	7.40	586.20	0.00	0.00	586.33	0.13	0.05	0.02100000.00	
780.	0.	780.	0.	0.	270.	0.	135.	51. 100000.00	
1.70	0.00	2.89	0.00	0.070	0.035	0.070	0.000	578.80	705.00
0.000502	128.	128.	128.	2	0	0	0.00	40.00	745.00

CCHV= 0.300 CEHV= 0.500

*SECNO 6450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 593.36 ELREA= 593.36

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6450.00	9.22	586.21	0.00	0.00	586.34	0.14	0.01	0.00	593.36
780.	0.	780.	0.	0.	261.	0.	135.	51.	593.40
1.70	0.00	2.99	0.00	0.070	0.100	0.070	0.000	576.99	482.50
0.005763	10.	10.	10.	0	0	0	0.00	35.00	517.50

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.90	2.60	0.00	34.00	0.00	311.60	0.00	576.99	576.99

*SECNO 6498.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 586.345 ELLC= 587.800 PCWSE= 586.206 ELTRD= 593.020

3370 NORMAL BRIDGE,NRD= 26 MIN ELTRD= 593.02 MAX ELLC= 587.80

6498.00	9.32	586.31	0.00	0.00	586.47	0.16	0.12	0.01	593.36
780.	0.	780.	0.	0.	241.	0.	136.	51.	593.40
1.71	0.00	3.24	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.001319	48.	48.	48.	2	0	0	-24.25	35.00	517.50

CCHV= 0.100 CEHV= 0.300

*SECNO 6508.000

6508.00	9.36	586.35	0.00	0.00	586.49	0.13	0.01	0.00	593.36
780.	0.	780.	0.	0.	266.	0.	136.	51.	593.40
1.71	0.00	2.93	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000667	10.	10.	10.	0	0	0	0.00	35.00	517.50

*SECNO 6532.000

6532.00	9.38	586.37	0.00	0.00	586.50	0.13	0.02	0.00	593.36
780.	0.	780.	0.	0.	267.	0.	136.	51.	593.40
1.71	0.00	2.92	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000659	24.	24.	24.	0	0	0	0.00	35.00	517.50

*SECNO 7629.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3265 DIVIDED FLOW									
7629.00	9.36	586.76	0.00	0.00	586.79	0.02	0.27	0.01	584.40
780.	306.	406.	68.	641.	257.	195.	153.	57.	584.60
2.00	0.48	1.58	0.35	0.070	0.035	0.070	0.000	577.40	214.59
0.000130	1097.	1097.	1097.	2	0	0	0.00	428.72	918.14
*SECNO 9498.000									
3265 DIVIDED FLOW									
9498.00	8.00	587.10	0.00	0.00	587.15	0.04	0.35	0.01	587.20
780.	159.	487.	134.	311.	231.	244.	193.	76.	585.20
2.35	0.51	2.11	0.55	0.070	0.035	0.070	0.000	579.10	168.28
0.000299	1869.	1869.	1869.	2	0	0	0.00	461.17	650.06
*SECNO 11248.000									
3470 ENCROACHMENT STATIONS=		475.0	560.0	TYPE=	1	TARGET=		85.000	
11248.00	7.85	587.65	0.00	0.00	587.76	0.11	0.60	0.02	582.70
780.	39.	603.	138.	51.	202.	132.	217.	87.	582.80
2.54	0.75	2.99	1.05	0.070	0.035	0.070	0.000	579.80	479.37
0.000391	1750.	1750.	1750.	2	0	0	0.00	80.63	560.00
*SECNO 11346.000									
3470 ENCROACHMENT STATIONS=		495.0	535.0	TYPE=	1	TARGET=		40.000	
11346.00	7.84	587.64	0.00	0.00	587.83	0.19	0.05	0.02	582.70
780.	20.	732.	28.	22.	202.	28.	218.	87.	582.80
2.54	0.93	3.63	0.98	0.070	0.035	0.070	0.000	579.80	495.00
0.000579	98.	98.	98.	2	0	0	0.00	40.00	535.00
CCHV= 0.300 CEHV= 0.500									
*SECNO 11356.000									
3470 ENCROACHMENT STATIONS=		120.0	850.0	TYPE=	1	TARGET=		730.000	
11356.00	7.53	587.63	0.00	0.00	587.87	0.25	0.01	0.03	591.14
780.	0.	780.	0.	0.	196.	0.	218.	87.	591.06
2.55	0.00	3.98	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.004432	10.	10.	10.	1	0	0	0.00	29.50	500.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.69	2.60	0.00	27.00	0.00	180.00	0.00	580.10	580.10

*SECNO 11440.000

6070,LOW FLOW BY NORMAL BRIDGE

EGPRS= 0.000 EGLWC= 587.872 ELLC= 588.630 PCWSE= 587.626 ELTRD= 591.060

3370 NORMAL BRIDGE,NRD= 6 MIN ELTRD= 591.06 MAX ELLC= 588.63

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 591.14 ELREA= 591.06

11440.00	8.10	588.20	0.00	0.00	588.46	0.26	0.58	0.01	591.14
780.	0.	780.	0.	0.	190.	0.	218.	87.	591.06
2.55	0.00	4.10	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.012083	84.	84.	84.	2	0	0	-22.31	29.50	500.00

CCHV= 0.100 CEHV= 0.300

*SECNO 11450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 592.00 ELREA= 595.00

11450.00	8.48	588.28	0.00	0.00	588.48	0.19	0.01	0.01	582.70
780.	0.	780.	0.	0.	220.	0.	218.	87.	582.80
2.55	0.00	3.54	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000491	10.	10.	10.	0	0	0	0.00	29.00	529.00

*SECNO 11469.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 592.00 ELREA= 595.00

11469.00	8.49	588.29	0.00	0.00	588.49	0.19	0.01	0.00	582.70
780.	0.	780.	0.	0.	221.	0.	218.	87.	582.80
2.55	0.00	3.54	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000488	19.	19.	19.	2	0	0	0.00	29.00	529.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 12898.000									
12898.00	8.75	588.95	0.00	0.00	588.99	0.04	0.49	0.02	586.60
780.	72.	479.	229.	156.	234.	501.	236.	96.	588.20
2.83	0.46	2.05	0.46	0.070	0.035	0.070	0.000	580.20	377.59
0.000252	1429.	1429.	1429.	2	0	0	0.00	511.36	888.95
*SECNO 14248.000									
14248.00	7.64	589.34	0.00	0.00	589.40	0.05	0.40	0.00	587.30
780.	181.	425.	174.	262.	174.	341.	262.	112.	587.40
3.06	0.69	2.45	0.51	0.070	0.035	0.070	0.000	581.70	369.15
0.000359	1350.	1350.	1350.	2	0	0	0.00	495.42	864.57
*SECNO 15248.000									
15248.00	7.59	589.79	0.00	0.00	589.89	0.09	0.48	0.01	588.80
780.	208.	570.	2.	332.	200.	5.	277.	121.	588.80
3.19	0.63	2.85	0.34	0.070	0.035	0.070	0.000	582.20	79.57
0.000670	1000.	1000.	1000.	2	0	0	0.00	335.22	414.79
*SECNO 16448.000									
16448.00	8.19	590.59	0.00	0.00	590.78	0.20	0.87	0.03	588.90
780.	9.	750.	21.	17.	207.	34.	288.	127.	588.70
3.28	0.53	3.62	0.61	0.070	0.035	0.070	0.000	582.40	479.90
0.000782	1200.	1200.	1200.	2	0	0	0.00	97.55	577.45

PRINTED IN U.S.A.

THIS RUN EXECUTED 29 FEB 84 14:45:16

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      50 YEAR FREQUENCY FLOOD
T3      MARSH CREEK

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.        3.        0.        0.  0.000000      0.00      0.0        0.   585.600     0.000
J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    2.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

3470 ENCROACHMENT STATIONS= 305.0 645.0 TYPE= 1 TARGET= 340.000

DOWNSTREAM OF VREELAND RD

0.00	10.70	585.60	0.00	585.60	585.67	0.07	0.00	0.00	583.50
1176.	48.	831.	297.	132.	342.	441.	0.	0.	581.60
0.00	0.36	2.43	0.67	0.070	0.035	0.070	0.000	574.90	305.00
0.000228	0.	0.	0.	0	0	0	0.00	340.00	645.00

*SECNO 75.000

75.00	10.42	585.62	0.00	0.00	585.68	0.06	0.01	0.00	580.10
1176.	117.	900.	159.	216.	398.	274.	2.	1.	579.20
0.01	0.54	2.26	0.58	0.070	0.035	0.070	0.000	575.20	398.20
0.000166	75.	75.	75.	0	0	0	0.00	259.19	657.38

CCHV= 0.300 CEHV= 0.500

*SECNO 77.000

77.00	10.42	585.62	0.00	0.00	585.68	0.06	0.00	0.00	580.10
1176.	117.	900.	159.	216.	399.	274.	2.	1.	579.20
0.01	0.54	2.26	0.58	0.070	0.035	0.070	0.000	575.20	397.99
0.000166	2.	2.	2.	0	0	0	0.00	259.65	657.65

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.65	2.60	0.00	29.00	0.00	230.00	0.00	575.20	575.20

*SECNO 123.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
586.29	585.68	0.00	365.	810.	230.	235.	583.30	584.88

123.00	10.98	585.88	0.00	0.00	585.94	0.05	0.26	0.00	580.10
1176.	123.	886.	166.	240.	416.	312.	3.	1.	579.20
0.02	0.51	2.13	0.53	0.070	0.035	0.070	0.000	574.90	380.46
0.000136	46.	46.	46.	2	0	2	0.00	299.86	680.31

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 125.000

125.00	10.98	585.88	0.00	0.00	585.94	0.05	0.00	0.00	580.10
1176.	123.	886.	166.	240.	416.	312.	3.	1.	579.20
0.02	0.51	2.13	0.53	0.070	0.035	0.070	0.000	574.90	380.44
0.000136	2.	2.	2.	0	0	0	0.00	299.90	680.34

*SECNO 166.000

3470 ENCROACHMENT STATIONS= 270.0 685.0 TYPE= 1 TARGET= 415.000

UPSTREAM OF VREELAND RD

166.00	10.99	585.89	0.00	0.00	585.94	0.05	0.01	0.00	583.50
1176.	64.	772.	340.	189.	354.	567.	4.	1.	581.60
0.03	0.34	2.18	0.60	0.070	0.035	0.070	0.000	574.90	270.00
0.000175	41.	41.	41.	0	0	0	0.00	415.00	685.00

*SECNO 2870.000

2870.00	9.73	586.23	0.00	0.00	586.24	0.01	0.29	0.00	584.70
1176.	111.	467.	599.	402.	349.	1540.	109.	41.	581.80
1.02	0.28	1.34	0.39	0.070	0.035	0.070	0.000	576.50	462.42
0.000074	2704.	2704.	2704.	2	0	0	0.00	869.99	1332.41

*SECNO 4008.000

3470 ENCROACHMENT STATIONS= 580.0 980.0 TYPE= 1 TARGET= 400.000

4008.00	9.82	586.32	0.00	0.00	586.34	0.02	0.10	0.00	584.70
1176.	132.	549.	495.	361.	353.	848.	159.	58.	581.80
1.33	0.37	1.55	0.58	0.070	0.035	0.070	0.000	576.50	580.00
0.000098	1138.	1138.	1138.	2	0	0	0.00	400.00	980.00

*SECNO 4190.000

3470 ENCROACHMENT STATIONS= 620.0 930.0 TYPE= 1 TARGET= 310.000

4190.00	9.83	586.33	0.00	0.00	586.36	0.03	0.02	0.00	584.70
1176.	137.	620.	419.	315.	354.	631.	165.	59.	581.80
1.38	0.43	1.75	0.66	0.070	0.035	0.070	0.000	576.50	620.00
0.000124	182.	182.	182.	0	0	0	0.00	310.00	930.00

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    SECNO     DEPTH     CWSEL     CRIWS     WSELK     EG        HV        HL        OLOSS    BANK ELEV
    Q         QLOB      QCH       QROB      ALOB      ACH       AROB      VOL       TWA    LEFT/RIGHT
    TIME      VLOB      VCH       VROB      XNL       XNCH      XNR       WTN       ELMIN       SSTA
    SLOPE     XLOBL     XLCH      XLOBR     ITRIAL    IDC       ICONT     CORAR     TOPWID      ENDST

 CCHV=    0.300 CEHV=    0.500
 *SECNO 4200.000

 3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD=  585.80 MAX ELLC=  584.43

   4200.00     10.19    586.29      0.00      0.00    586.42      0.13      0.00      0.05    585.80
     1176.        5.      1168.        3.       13.      397.         9.      166.        59.     585.90
      1.38      0.39      2.94      0.34     0.070     0.035     0.070     0.000    576.10    276.61
 0.002279        10.       10.       10.         2         0         0   -200.83    270.41    547.02

 *SECNO 4240.000

 3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD=  585.80 MAX ELLC=  584.43

   4240.00     10.28    586.38      0.00      0.00    586.51      0.13      0.09      0.00    585.80
     1176.        8.      1163.        5.       18.      402.        14.      166.        59.     585.90
      1.38      0.43      2.89      0.38     0.070     0.035     0.070     0.000    576.10    269.51
 0.002169        40.       40.       40.         2         0         0   -212.16    289.12    558.64


 CCHV=    0.100 CEHV=    0.300
 *SECNO 4250.000
   4250.00     10.34    586.44      0.00      0.00    586.52      0.08      0.00      0.01    585.80
     1176.       31.      1143.        2.      137.      509.        18.      166.        60.     576.40
      1.38      0.23      2.24      0.11     0.070     0.035     0.070     0.000    576.10    264.92
 0.000164        10.       10.       10.         2         0         0      0.00    301.33    566.25

 *SECNO 4288.000
   4288.00     10.35    586.45      0.00      0.00    586.52      0.08      0.01      0.00    585.80
     1176.       32.      1142.        2.      138.      510.        19.      167.        60.     576.40
      1.39      0.23      2.24      0.11     0.070     0.035     0.070     0.000    576.10    264.44
 0.000164        38.       38.       38.         2         0         0      0.00    302.59    567.03

 *SECNO 5350.000

 3470 ENCROACHMENT STATIONS=      615.0      840.0  TYPE=        1  TARGET=      225.000
   5350.00      7.89    586.69      0.00      0.00    586.79      0.10      0.26      0.01    584.00
     1176.       24.      1088.       64.       45.      410.       105.      182.        66.     586.20
      1.51      0.53      2.65      0.61     0.070     0.035     0.070     0.000    578.80    654.58
 0.000402      1062.     1062.     1062.         2         0         0      0.00    185.42    840.00
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5612.000

3470 ENCROACHMENT STATIONS= 690.0 780.0 TYPE= 1 TARGET= 90.000

5612.00	7.99	586.79	0.00	0.00	586.91	0.12	0.11	0.00	584.00
1176.	16.	1158.	2.	23.	417.	5.	185.	67.	586.20
1.53	0.69	2.78	0.33	0.070	0.035	0.070	0.000	578.80	690.00
0.000430	262.	262.	262.	2	0	0	0.00	90.00	780.00

*SECNO 5722.000

3470 ENCROACHMENT STATIONS= 709.0 742.0 TYPE= 1 TARGET= 33.000

5722.00	7.90	586.70	0.00	0.00	587.05	0.35	0.08	0.07	100000.00
1176.	0.	1176.	0.	0.	247.	0.	186.	67.	100000.00
1.54	0.00	4.77	0.00	0.070	0.035	0.070	0.000	578.80	709.00
0.001374	110.	110.	110.	2	0	0	0.00	33.00	742.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5732.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 588.65 ELREA= 588.65

5732.00	9.83	586.83	0.00	0.00	587.09	0.26	0.01	0.03	588.68
1176.	0.	1176.	0.	0.	287.	0.	186.	67.	588.65
1.54	0.00	4.09	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.000854	10.	10.	10.	2	0	0	0.00	30.00	630.00

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.65	3.00	0.00	30.00	0.00	210.00	0.00	577.00	577.00

*SECNO 5768.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
587.64	587.09	0.00	0.	1176.	210.	239.	584.96	588.33

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
5768.00	10.40	587.40	0.00	0.00	587.64	0.23	0.54	0.00	588.68
1176.	0.	1176.	0.	0.	304.	0.	186.	67.	588.65
1.54	0.00	3.86	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.000726	36.	36.	36.	2	0	0	0.00	30.00	630.00

CCHV= 0.100 CEHV= 0.300

*SECNO 5778.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

5778.00	8.70	587.50	0.00	0.00	587.65	0.15	0.01	0.01	584.00
1176.	0.	1176.	0.	0.	380.	0.	186.	67.	100000.00
1.54	0.00	3.10	0.00	0.070	0.035	0.070	0.000	578.80	700.00
0.000465	10.	10.	10.	2	0	0	0.00	50.00	750.00

*SECNO 5798.000

3470 ENCROACHMENT STATIONS= 690.0 785.0 TYPE= 1 TARGET= 95.000

5798.00	8.77	587.57	0.00	0.00	587.66	0.09	0.01	0.01	584.00
1176.	20.	1147.	9.	31.	475.	19.	186.	67.	586.20
1.54	0.64	2.42	0.44	0.070	0.035	0.070	0.000	578.80	690.00
0.000275	20.	20.	20.	2	0	0	0.00	95.00	785.00

*SECNO 6174.000

3470 ENCROACHMENT STATIONS= 650.0 825.0 TYPE= 1 TARGET= 175.000

6174.00	8.89	587.69	0.00	0.00	587.76	0.06	0.09	0.00	584.00
1176.	48.	1044.	84.	95.	483.	138.	192.	68.	586.20
1.60	0.51	2.16	0.61	0.070	0.035	0.070	0.000	578.80	650.00
0.000215	376.	376.	376.	2	0	0	0.00	175.00	825.00

*SECNO 6312.000

3470 ENCROACHMENT STATIONS= 675.0 780.0 TYPE= 1 TARGET= 105.000

6312.00	8.91	587.71	0.00	0.00	587.79	0.08	0.03	0.00	584.00
1176.	40.	1131.	5.	65.	485.	12.	194.	68.	586.20
1.61	0.61	2.33	0.40	0.070	0.035	0.070	0.000	578.80	675.00
0.000249	138.	138.	138.	1	0	0	0.00	105.00	780.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6440.000

3470 ENCROACHMENT STATIONS= 705.0 745.0 TYPE= 1 TARGET= 40.000

6440.00	8.88	587.68	0.00	0.00	587.88	0.20	0.05	0.04	100000.00
1176.	0.	1176.	0.	0.	329.	0.	195.	69.	100000.00
1.62	0.00	3.57	0.00	0.070	0.035	0.070	0.000	578.80	705.00
0.000636	128.	128.	128.	2	0	0	0.00	40.00	745.00

CCHV= 0.300 CEHV= 0.500

*SECNO 6450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 593.36 ELREA= 593.36

6450.00	10.69	587.68	0.00	0.00	587.90	0.22	0.02	0.01	593.36
1176.	0.	1176.	0.	0.	313.	0.	195.	69.	593.40
1.62	0.00	3.76	0.00	0.070	0.100	0.070	0.000	576.99	482.50
0.007638	10.	10.	10.	0	0	0	0.00	35.00	517.50

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.90	2.60	0.00	34.00	0.00	311.60	0.00	576.99	576.99

*SECNO 6498.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
588.10	587.90	0.00	0.	1176.	312.	368.	587.80	593.02

6498.00	10.90	587.89	0.00	0.00	588.10	0.21	0.20	0.00	593.36
1176.	0.	1176.	0.	0.	320.	0.	195.	69.	593.40
1.63	0.00	3.67	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000873	48.	48.	48.	2	0	0	0.00	35.00	517.50

CCHV= 0.100 CEHV= 0.300

*SECNO 6508.000

6508.00	10.91	587.90	0.00	0.00	588.11	0.21	0.01	0.00	593.36
1176.	0.	1176.	0.	0.	321.	0.	195.	69.	593.40
1.63	0.00	3.67	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000871	10.	10.	10.	2	0	0	0.00	35.00	517.50

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 6532.000									
6532.00	10.93	587.92	0.00	0.00	588.13	0.21	0.02	0.00	593.36
1176.	0.	1176.	0.	0.	321.	0.	196.	69.	593.40
1.63	0.00	3.66	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000865	24.	24.	24.	0	0	0	0.00	35.00	517.50
*SECNO 7629.000									
3265 DIVIDED FLOW									
7629.00	10.95	588.35	0.00	0.00	588.37	0.02	0.22	0.02	584.40
1176.	514.	475.	187.	1072.	320.	510.	224.	77.	584.60
1.98	0.48	1.48	0.37	0.070	0.035	0.070	0.000	577.40	161.68
0.000085	1097.	1097.	1097.	2	0	0	0.00	591.47	969.34
*SECNO 9498.000									
9498.00	9.46	588.56	0.00	0.00	588.58	0.02	0.21	0.00	587.20
1176.	387.	526.	263.	786.	296.	495.	298.	102.	585.20
2.46	0.49	1.78	0.53	0.070	0.035	0.070	0.000	579.10	83.95
0.000154	1869.	1869.	1869.	2	0	0	0.00	611.49	695.44
*SECNO 11248.000									
3470 ENCROACHMENT STATIONS=		475.0		560.0	TYPE=	1	TARGET=	85.000	
11248.00	9.10	588.90	0.00	0.00	589.06	0.16	0.43	0.04	582.70
1176.	78.	868.	230.	80.	238.	170.	340.	116.	582.80
2.63	0.97	3.65	1.35	0.070	0.035	0.070	0.000	579.80	475.00
0.000468	1750.	1750.	1750.	2	0	0	0.00	85.00	560.00
*SECNO 11346.000									
3470 ENCROACHMENT STATIONS=		495.0		535.0	TYPE=	1	TARGET=	40.000	
11346.00	9.04	588.84	0.00	0.00	589.16	0.32	0.06	0.05	582.70
1176.	32.	1100.	44.	28.	237.	36.	341.	117.	582.80
2.63	1.15	4.65	1.23	0.070	0.035	0.070	0.000	579.80	495.00
0.000768	98.	98.	98.	2	0	0	0.00	40.00	535.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 11356.000

3470 ENCROACHMENT STATIONS= 120.0 850.0 TYPE= 1 TARGET= 730.000

11356.00	8.72	588.82	0.00	0.00	589.22	0.40	0.02	0.04	591.14
1176.	0.	1176.	0.	0.	231.	0.	341.	117.	591.06
2.63	0.00	5.09	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.006284	10.	10.	10.	2	0	0	0.00	29.50	500.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.69	2.60	0.00	27.00	0.00	180.00	0.00	580.10	580.10

*SECNO 11440.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
589.94	589.22	0.00	0.	1176.	180.	230.	588.63	591.06

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 591.14 ELREA= 591.06

11440.00	9.51	589.61	0.00	0.00	589.94	0.33	0.72	0.00	591.14
1176.	0.	1176.	0.	0.	254.	0.	341.	117.	591.06
2.64	0.00	4.62	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.004784	84.	84.	84.	2	0	0	0.00	29.50	500.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 592.00 ELREA= 595.00

11450.00	9.83	589.63	0.00	0.00	589.95	0.32	0.01	0.00	582.70
1176.	0.	1176.	0.	0.	259.	0.	341.	117.	582.80
2.64	0.00	4.53	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000645	10.	10.	10.	2	0	0	0.00	29.00	529.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 11469.000									
3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=		592.00	ELREA=	595.00					
11469.00	9.85	589.65	0.00	0.00	589.97	0.32	0.01	0.00	582.70
1176.	0.	1176.	0.	0.	260.	0.	341.	117.	582.80
2.64	0.00	4.53	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000642	19.	19.	19.	2	0	0	0.00	29.00	529.00
*SECNO 12898.000									
12898.00	10.14	590.34	0.00	0.00	590.36	0.02	0.37	0.03	586.60
1176.	168.	511.	497.	348.	291.	1085.	374.	128.	588.20
3.03	0.48	1.75	0.46	0.070	0.035	0.070	0.000	580.20	351.20
0.000139	1429.	1429.	1429.	2	0	0	0.00	669.23	1020.43
*SECNO 14248.000									
14248.00	8.86	590.56	0.00	0.00	590.59	0.03	0.23	0.00	587.30
1176.	292.	442.	441.	424.	209.	882.	424.	149.	587.40
3.35	0.69	2.12	0.50	0.070	0.035	0.070	0.000	581.70	364.89
0.000210	1350.	1350.	1350.	2	0	0	0.00	668.95	1033.84
*SECNO 15248.000									
15248.00	8.64	590.84	0.00	0.00	590.91	0.07	0.30	0.01	588.80
1176.	487.	678.	11.	670.	246.	23.	452.	161.	588.80
3.50	0.73	2.76	0.47	0.070	0.035	0.070	0.000	582.20	8.57
0.000475	1000.	1000.	1000.	2	0	0	0.00	417.58	426.16
*SECNO 16448.000									
16448.00	9.09	591.49	0.00	0.00	591.77	0.28	0.79	0.06	588.90
1176.	34.	1064.	78.	40.	239.	88.	470.	169.	588.70
3.58	0.86	4.46	0.88	0.070	0.035	0.070	0.000	582.40	469.72
0.000983	1200.	1200.	1200.	2	0	0	0.00	144.59	614.30

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THIS RUN EXECUTED 29 FEB 84 14:45:38

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      100 YEAR FREQUENCY FLOOD
T3      MARSH CREEK

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       4.        0.        0.  0.000000      0.00      0.0       0.   585.800     0.000
J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    3.000     0.000    -1.000     0.000     0.000     0.000     0.000     0.000     0.000     0.000
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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 3

CCHV= 0.100 CEHV= 0.300

*SECNO 0.000

3470 ENCROACHMENT STATIONS= 305.0 645.0 TYPE= 1 TARGET= 340.000
DOWNSTREAM OF VREELAND RD

0.00	10.90	585.80	0.00	585.80	585.88	0.08	0.00	0.00	583.50
1360.	69.	935.	356.	163.	350.	470.	0.	0.	581.60
0.00	0.42	2.67	0.76	0.070	0.035	0.070	0.000	574.90	305.00
0.000266	0.	0.	0.	0	0	0	0.00	340.00	645.00

*SECNO 75.000

75.00	10.62	585.82	0.00	0.00	585.90	0.07	0.02	0.00	580.10
1360.	144.	1022.	194.	234.	407.	303.	2.	1.	579.20
0.01	0.61	2.51	0.64	0.070	0.035	0.070	0.000	575.20	384.70
0.000199	75.	75.	75.	0	0	0	0.00	290.14	674.84

CCHV= 0.300 CEHV= 0.500

*SECNO 77.000

77.00	10.62	585.82	0.00	0.00	585.90	0.07	0.00	0.00	580.10
1360.	144.	1022.	194.	234.	408.	303.	2.	1.	579.20
0.01	0.61	2.51	0.64	0.070	0.035	0.070	0.000	575.20	384.59
0.000199	2.	2.	2.	0	0	0	0.00	290.39	674.97

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.65	2.60	0.00	29.00	0.00	230.00	0.00	575.20	575.20

*SECNO 123.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
586.72	585.90	0.00	531.	834.	230.	235.	583.30	584.88

123.00	11.19	586.09	0.00	0.00	586.16	0.07	0.26	0.00	580.10
1360.	151.	1005.	203.	262.	426.	347.	3.	1.	579.20
0.02	0.58	2.36	0.59	0.070	0.035	0.070	0.000	574.90	366.49
0.000163	46.	46.	46.	2	0	2	0.00	331.87	698.36

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 125.000

125.00	11.19	586.09	0.00	0.00	586.16	0.07	0.00	0.00	580.10
1360.	151.	1005.	204.	262.	426.	347.	3.	1.	579.20
0.02	0.58	2.36	0.59	0.070	0.035	0.070	0.000	574.90	366.47
0.000163	2.	2.	2.	0	0	0	0.00	331.92	698.39

*SECNO 166.000

3470 ENCROACHMENT STATIONS= 270.0 685.0 TYPE= 1 TARGET= 415.000

UPSTREAM OF VREELAND RD

166.00	11.21	586.11	0.00	0.00	586.17	0.06	0.01	0.00	583.50
1360.	89.	864.	407.	228.	363.	606.	4.	1.	581.60
0.02	0.39	2.38	0.67	0.070	0.035	0.070	0.000	574.90	270.00
0.000202	41.	41.	41.	0	0	0	0.00	415.00	685.00

*SECNO 2870.000

2870.00	9.99	586.49	0.00	0.00	586.50	0.01	0.33	0.00	584.70
1360.	143.	515.	702.	480.	361.	1679.	119.	43.	581.80
0.98	0.30	1.43	0.42	0.070	0.035	0.070	0.000	576.50	431.10
0.000080	2704.	2704.	2704.	2	0	0	0.00	923.71	1354.81

*SECNO 4008.000

3470 ENCROACHMENT STATIONS= 580.0 980.0 TYPE= 1 TARGET= 400.000

4008.00	10.08	586.58	0.00	0.00	586.61	0.02	0.11	0.00	584.70
1360.	168.	617.	574.	407.	366.	896.	174.	60.	581.80
1.27	0.41	1.69	0.64	0.070	0.035	0.070	0.000	576.50	580.00
0.000110	1138.	1138.	1138.	2	0	0	0.00	400.00	980.00

*SECNO 4190.000

3470 ENCROACHMENT STATIONS= 620.0 930.0 TYPE= 1 TARGET= 310.000

4190.00	10.10	586.60	0.00	0.00	586.63	0.03	0.02	0.00	584.70
1360.	173.	700.	487.	350.	367.	665.	180.	62.	581.80
1.31	0.49	1.91	0.73	0.070	0.035	0.070	0.000	576.50	620.00
0.000141	182.	182.	182.	0	0	0	0.00	310.00	930.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500

*SECNO 4200.000

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD= 585.80 MAX ELLC= 584.43

4200.00	10.44	586.54	0.00	0.00	586.70	0.16	0.00	0.06	585.80
1360.	17.	1331.	13.	29.	410.	25.	181.	62.	585.90
1.31	0.56	3.24	0.51	0.070	0.035	0.070	0.000	576.10	257.59
0.002656	10.	10.	10.	2	0	0	-230.54	320.57	578.16

*SECNO 4240.000

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD= 585.80 MAX ELLC= 584.43

4240.00	10.56	586.66	0.00	0.00	586.81	0.15	0.10	0.00	585.80
1360.	23.	1317.	19.	39.	416.	35.	181.	62.	585.90
1.31	0.60	3.16	0.55	0.070	0.035	0.070	0.000	576.10	249.07
0.002483	40.	40.	40.	2	0	0	-243.16	343.04	592.11

CCHV= 0.100 CEHV= 0.300

*SECNO 4250.000

4250.00	10.63	586.73	0.00	0.00	586.82	0.09	0.00	0.01	585.80
1360.	56.	1297.	7.	192.	524.	42.	181.	62.	576.40
1.31	0.29	2.48	0.16	0.070	0.035	0.070	0.000	576.10	243.81
0.000193	10.	10.	10.	2	0	0	0.00	357.00	600.81

*SECNO 4288.000

4288.00	10.63	586.73	0.00	0.00	586.82	0.09	0.01	0.00	585.80
1360.	57.	1296.	7.	194.	524.	43.	182.	62.	576.40
1.32	0.29	2.47	0.16	0.070	0.035	0.070	0.000	576.10	243.24
0.000192	38.	38.	38.	2	0	0	0.00	358.49	601.74

*SECNO 5350.000

3470 ENCROACHMENT STATIONS= 615.0 840.0 TYPE= 1 TARGET= 225.000

5350.00	8.21	587.01	0.00	0.00	587.12	0.12	0.29	0.01	584.00
1360.	37.	1235.	88.	68.	433.	126.	199.	69.	586.20
1.43	0.55	2.85	0.70	0.070	0.035	0.070	0.000	578.80	615.00
0.000431	1062.	1062.	1062.	2	0	0	0.00	225.00	840.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5612.000

3470 ENCROACHMENT STATIONS= 690.0 780.0 TYPE= 1 TARGET= 90.000

5612.00	8.31	587.11	0.00	0.00	587.25	0.14	0.12	0.01	584.00
1360.	21.	1336.	3.	27.	440.	7.	202.	70.	586.20
1.45	0.78	3.04	0.43	0.070	0.035	0.070	0.000	578.80	690.00
0.000480	262.	262.	262.	1	0	0	0.00	90.00	780.00

*SECNO 5722.000

3470 ENCROACHMENT STATIONS= 709.0 742.0 TYPE= 1 TARGET= 33.000

5722.00	8.19	586.99	0.00	0.00	587.43	0.44	0.09	0.09	100000.00
1360.	0.	1360.	0.	0.	256.	0.	203.	71.	100000.00
1.46	0.00	5.30	0.00	0.070	0.035	0.070	0.000	578.80	709.00
0.001645	110.	110.	110.	2	0	0	0.00	33.00	742.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5732.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 588.65 ELREA= 588.65

5732.00	10.15	587.15	0.00	0.00	587.48	0.33	0.01	0.03	588.68
1360.	0.	1360.	0.	0.	297.	0.	203.	71.	588.65
1.46	0.00	4.58	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.001042	10.	10.	10.	2	0	0	0.00	30.00	630.00

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.65	3.00	0.00	30.00	0.00	210.00	0.00	577.00	577.00

*SECNO 5768.000

PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
588.22	587.48	0.00	0.	1360.	210.	239.	584.96	588.33

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
5768.00	10.94	587.94	0.00	0.00	588.22	0.28	0.75	0.00	588.68
1360.	0.	1360.	0.	0.	321.	0.	203.	71.	588.65
1.46	0.00	4.24	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.000341	36.	36.	36.	2	0	0	0.00	30.00	630.00

CCHV= 0.100 CEHV= 0.300
*SECNO 5778.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

5778.00	9.27	588.07	0.00	0.00	588.24	0.17	0.01	0.01	584.00
1360.	0.	1360.	0.	0.	408.	0.	203.	71.	100000.00
1.46	0.00	3.33	0.00	0.070	0.035	0.070	0.000	578.80	700.00
0.000501	10.	10.	10.	2	0	0	0.00	50.00	750.00

*SECNO 5798.000

3470 ENCROACHMENT STATIONS= 690.0 785.0 TYPE= 1 TARGET= 95.000

5798.00	9.36	588.16	0.00	0.00	588.26	0.10	0.01	0.01	584.00
1360.	26.	1320.	14.	37.	517.	26.	204.	71.	586.20
1.46	0.70	2.55	0.52	0.070	0.035	0.070	0.000	578.80	690.00
0.000273	20.	20.	20.	2	0	0	0.00	95.00	785.00

*SECNO 6174.000

3470 ENCROACHMENT STATIONS= 650.0 825.0 TYPE= 1 TARGET= 175.000

6174.00	9.48	588.28	0.00	0.00	588.35	0.07	0.09	0.00	584.00
1360.	71.	1176.	113.	124.	526.	169.	210.	72.	586.20
1.52	0.57	2.24	0.67	0.070	0.035	0.070	0.000	578.80	650.00
0.000205	376.	376.	376.	2	0	0	0.00	175.00	825.00

*SECNO 6312.000

3470 ENCROACHMENT STATIONS= 675.0 780.0 TYPE= 1 TARGET= 105.000

6312.00	9.49	583.29	0.00	0.00	588.38	0.09	0.03	0.01	584.00
1360.	55.	1298.	7.	80.	528.	16.	212.	72.	586.20
1.53	0.69	2.46	0.47	0.070	0.035	0.070	0.000	578.80	675.00
0.000247	138.	138.	138.	1	0	0	0.00	105.00	780.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 6440.000

3470 ENCROACHMENT STATIONS= 705.0 745.0 TYPE= 1 TARGET= 40.000

6440.00	9.45	588.25	0.00	0.00	588.48	0.23	0.05	0.04	100000.00
1360.	0.	1360.	0.	0.	352.	0.	213.	72.	100000.00
1.54	0.00	3.87	0.00	0.070	0.035	0.070	0.000	578.80	705.00
0.000700	128.	128.	128.	2	0	0	0.00	40.00	745.00

CCHV= 0.300 CEHV= 0.500
*SECNO 6450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 593.36 ELREA= 593.36

6450.00	11.26	588.25	0.00	0.00	588.51	0.26	0.02	0.01	593.36
1360.	0.	1360.	0.	0.	333.	0.	213.	72.	593.40
1.54	0.00	4.09	0.00	0.070	0.100	0.070	0.000	576.99	482.50
0.008518	10.	10.	10.	0	0	0	0.00	35.00	517.50

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.90	2.60	0.00	34.00	0.00	311.60	0.00	576.99	576.99

*SECNO 6498.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
588.81	588.51	0.00	0.	1360.	312.	368.	587.80	593.02

6498.00	11.58	588.57	0.00	0.00	588.81	0.24	0.30	0.00	593.36
1360.	0.	1360.	0.	0.	344.	0.	214.	73.	593.40
1.55	0.00	3.96	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000947	48.	48.	48.	2	0	0	0.00	35.00	517.50

CCHV= 0.100 CEHV= 0.300
*SECNO 6508.000

6508.00	11.59	588.58	0.00	0.00	588.82	0.24	0.01	0.00	593.36
1360.	0.	1360.	0.	0.	344.	0.	214.	73.	593.40
1.55	0.00	3.95	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000945	10.	10.	10.	2	0	0	0.00	35.00	517.50

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 6532.000									
6532.00	11.61	588.60	0.00	0.00	588.84	0.24	0.02	0.00	593.36
1360.	0.	1360.	0.	0.	345.	0.	214.	73.	593.40
1.55	0.00	3.94	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.000938	24.	24.	24.	0	0	0	0.00	35.00	517.50
*SECNO 7629.000									
3265 DIVIDED FLOW									
7629.00	11.64	589.04	0.00	0.00	589.06	0.01	0.19	0.02	584.40
1360.	606.	499.	255.	1287.	348.	701.	248.	81.	584.60
1.93	0.47	1.43	0.36	0.070	0.035	0.070	0.000	577.40	138.64
0.000071	1097.	1097.	1097.	2	0	0	0.00	662.37	991.64
*SECNO 9498.000									
9498.00	10.11	589.21	0.00	0.00	589.23	0.02	0.17	0.00	587.20
1360.	498.	537.	325.	1040.	325.	628.	341.	110.	585.20
2.47	0.48	1.65	0.52	0.070	0.035	0.070	0.000	579.10	46.11
0.000117	1869.	1869.	1869.	2	0	0	0.00	667.10	713.21
*SECNO 11248.000									
3470 ENCROACHMENT STATIONS=		475.0	560.0	TYPE=	1	TARGET=	85.000		
11248.00	9.67	589.47	0.00	0.00	589.64	0.18	0.37	0.05	582.70
1360.	102.	985.	273.	94.	255.	188.	391.	125.	582.80
2.63	1.09	3.87	1.46	0.070	0.035	0.070	0.000	579.80	475.00
0.000482	1750.	1750.	1750.	2	0	0	0.00	85.00	560.00
*SECNO 11346.000									
3470 ENCROACHMENT STATIONS=		495.0	535.0	TYPE=	1	TARGET=	40.000		
11346.00	9.59	589.39	0.00	0.00	589.76	0.37	0.06	0.06	582.70
1360.	37.	1272.	51.	30.	252.	39.	392.	125.	582.80
2.63	1.23	5.04	1.31	0.070	0.035	0.070	0.000	579.80	495.00
0.000827	98.	98.	98.	2	0	0	0.00	40.00	535.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 11356.000

3470 ENCROACHMENT STATIONS= 120.0 850.0 TYPE= 1 TARGET= 730.000

11356.00	9.26	589.36	0.00	0.00	589.83	0.47	0.02	0.05	591.14
1360.	0.	1360.	0.	0.	247.	0.	393.	125.	591.06
2.63	0.00	5.51	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.006952	10.	10.	10.	2	0	0	0.00	29.50	500.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.69	2.60	0.00	27.00	0.00	180.00	0.00	580.10	580.10

*SECNO 11440.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELRD
590.86	589.83	0.00	0.	1360.	180.	230.	588.63	591.06

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 591.14 ELREA= 591.06

11440.00	10.39	590.49	0.00	0.00	590.86	0.37	1.03	0.00	591.14
1360.	0.	1360.	0.	0.	280.	0.	393.	125.	591.06
2.64	0.00	4.85	0.00	0.070	0.070	0.070	0.000	580.10	470.50
0.004861	84.	84.	84.	2	0	0	0.00	29.50	500.00

CCHV= 0.100 CEHV= 0.300
*SECNO 11450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 592.00 ELREA= 595.00

11450.00	10.72	590.52	0.00	0.00	590.87	0.35	0.01	0.00	582.70
1360.	0.	1360.	0.	0.	285.	0.	393.	125.	582.80
2.64	0.00	4.77	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000630	10.	10.	10.	2	0	0	0.00	29.00	529.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 11469.000									
3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA=		592.00	ELREA=	595.00					
11469.00	10.73	590.53	0.00	0.00	590.88	0.35	0.01	0.00	582.70
1360.	0.	1360.	0.	0.	285.	0.	393.	125.	582.80
2.64	0.00	4.76	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000627	19.	19.	19.	2	0	0	0.00	29.00	529.00
*SECNO 12898.000									
12898.00	10.97	591.17	0.00	0.00	591.19	0.01	0.27	0.03	586.60
1360.	214.	492.	654.	477.	325.	1503.	436.	138.	588.20
3.12	0.45	1.51	0.43	0.070	0.035	0.070	0.000	580.20	338.64
0.000089	1429.	1429.	1429.	2	0	0	0.00	731.53	1070.17
*SECNO 14248.000									
14248.00	9.61	591.31	0.00	0.00	591.33	0.02	0.15	0.00	587.30
1360.	331.	420.	609.	527.	231.	1277.	503.	160.	587.40
3.52	0.63	1.82	0.48	0.070	0.035	0.070	0.000	581.70	362.28
0.000136	1350.	1350.	1350.	2	0	0	0.00	716.58	1078.86
*SECNO 15248.000									
15248.00	9.29	591.49	0.00	0.00	591.55	0.05	0.20	0.01	588.80
1360.	658.	680.	23.	901.	275.	56.	540.	174.	588.80
3.70	0.73	2.47	0.41	0.070	0.035	0.070	0.000	582.20	4.65
0.000330	1000.	1000.	1000.	2	0	0	0.00	498.55	503.20
*SECNO 16448.000									
16448.00	9.56	591.96	0.00	0.00	592.25	0.29	0.63	0.07	588.90
1360.	55.	1179.	127.	55.	255.	131.	563.	183.	588.70
3.78	0.99	4.62	0.97	0.070	0.035	0.070	0.000	582.40	464.58
0.000965	1200.	1200.	1200.	2	0	0	0.00	182.90	647.49

PRINTED IN U.S.A.

THIS RUN EXECUTED 29 FEB 84 14:45:57

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
**************************************************

T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      500 YEAR FREQUENCY FLOOD
T3      MARSH CREEK
```

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	586.100	0.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

CCHV= 0.100 CEHV= 0.300
*SECNO 0.000

3470 ENCROACHMENT STATIONS= 305.0 645.0 TYPE= 1 TARGET= 340.000
DOWNSTREAM OF VREELAND RD

0.00	11.20	586.10	0.00	586.10	586.21	0.11	0.00	0.00	583.50
1730.	113.	1143.	475.	209.	363.	514.	0.	0.	581.60
0.00	0.54	3.15	0.92	0.070	0.035	0.070	0.000	574.90	305.00
0.000353	0.	0.	0.	0	0	0	0.00	340.00	645.00

*SECNO 75.000

75.00	10.92	586.12	0.00	0.00	586.23	0.10	0.02	0.00	580.10
1730.	199.	1263.	268.	266.	421.	353.	2.	1.	579.20
0.01	0.75	3.00	0.76	0.070	0.035	0.070	0.000	575.20	364.29
0.000272	75.	75.	75.	0	0	0	0.00	336.91	701.20

CCHV= 0.300 CEHV= 0.500
*SECNO 77.000

77.00	10.93	586.13	0.00	0.00	586.23	0.10	0.00	0.00	580.10
1730.	199.	1264.	267.	265.	421.	353.	2.	1.	579.20
0.01	0.75	3.00	0.76	0.070	0.035	0.070	0.000	575.20	364.38
0.000272	2.	2.	2.	0	0	0	0.00	336.71	701.09

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.65	2.60	0.00	29.00	0.00	230.00	0.00	575.20	575.20

*SECNO 123.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
587.57	586.23	0.00	856.	879.	230.	235.	583.30	584.88

123.00	11.51	586.41	0.00	0.00	586.50	0.09	0.27	0.00	580.10
1730.	209.	1240.	281.	300.	440.	407.	3.	1.	579.20
0.01	0.70	2.82	0.69	0.070	0.035	0.070	0.000	574.90	345.51
0.000222	46.	46.	46.	2	0	3	0.00	379.98	725.48

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 125.000

125.00	11.51	586.41	0.00	0.00	586.50	0.09	0.00	0.00	580.10
1730.	209.	1240.	281.	300.	440.	407.	3.	1.	579.20
0.01	0.70	2.82	0.69	0.070	0.035	0.070	0.000	574.90	345.48
0.000222	2.	2.	2.	0	0	0	0.00	380.05	725.52

*SECNO 166.000

3470 ENCROACHMENT STATIONS= 270.0 685.0 TYPE= 1 TARGET= 415.000

UPSTREAM OF VREELAND RD

166.00	11.54	586.44	0.00	0.00	586.51	0.08	0.01	0.00	583.50
1730.	144.	1046.	541.	290.	377.	666.	4.	1.	581.60
0.02	0.50	2.78	0.81	0.070	0.035	0.070	0.000	574.90	270.00
0.000261	41.	41.	41.	1	0	0	0.00	415.00	685.00

*SECNO 2870.000

2870.00	10.40	586.90	0.00	0.00	586.92	0.02	0.40	0.01	584.70
1730.	213.	609.	908.	624.	381.	1917.	136.	46.	581.80
0.90	0.34	1.60	0.47	0.070	0.035	0.070	0.000	576.50	380.22
0.000094	2704.	2704.	2704.	2	0	0	0.00	1010.98	1391.20

*SECNO 4008.000

3280 CROSS SECTION 4008.00 EXTENDED 0.02 FEET

3470 ENCROACHMENT STATIONS= 580.0 980.0 TYPE= 1 TARGET= 400.000

4008.00	10.52	587.02	0.00	0.00	587.05	0.03	0.13	0.00	584.70
1730.	245.	752.	734.	482.	386.	974.	198.	64.	581.80
1.16	0.51	1.95	0.75	0.070	0.035	0.070	0.000	576.50	580.00
0.000137	1138.	1138.	1138.	2	0	0	0.00	400.00	980.00

*SECNO 4190.000

3280 CROSS SECTION 4190.00 EXTENDED 0.04 FEET

3470 ENCROACHMENT STATIONS= 620.0 930.0 TYPE= 1 TARGET= 310.000

4190.00	10.54	587.04	0.00	0.00	587.08	0.04	0.03	0.00	584.70
1730.	248.	858.	624.	408.	387.	722.	206.	66.	581.80
1.19	0.61	2.22	0.86	0.070	0.035	0.070	0.000	576.50	620.00
0.000177	182.	182.	182.	0	0	0	0.00	310.00	930.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500

*SECNO 4200.000

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD= 585.80 MAX ELLC= 584.43

4200.00	10.86	586.96	0.00	0.00	587.16	0.20	0.00	0.08	585.80
1730.	67.	1608.	55.	72.	432.	69.	206.	66.	585.90
1.19	0.93	3.72	0.80	0.070	0.035	0.070	0.000	576.10	226.20
0.003272	10.	10.	10.	2	0	0	-274.96	403.37	629.57

*SECNO 4240.000

3370 NORMAL BRIDGE,NRD= 18 MIN ELTRD= 585.80 MAX ELLC= 584.43

4240.00	11.01	587.11	0.00	0.00	587.29	0.18	0.12	0.01	585.80
1730.	90.	1566.	74.	92.	440.	90.	206.	66.	585.90
1.19	0.97	3.56	0.82	0.070	0.035	0.070	0.000	576.10	214.92
0.002925	40.	40.	40.	2	0	0	-289.50	433.12	648.04

CCHV= 0.100 CEHV= 0.300

*SECNO 4250.000

4250.00	11.09	587.19	0.00	0.00	587.31	0.12	0.01	0.01	585.80
1730.	118.	1587.	25.	294.	547.	101.	206.	66.	576.40
1.19	0.40	2.90	0.25	0.070	0.035	0.070	0.000	576.10	209.60
0.000249	10.	10.	10.	2	0	0	0.00	447.23	656.83

*SECNO 4288.000

4288.00	11.10	587.20	0.00	0.00	587.31	0.12	0.01	0.00	585.80
1730.	119.	1585.	26.	297.	548.	103.	207.	66.	576.40
1.20	0.40	2.89	0.25	0.070	0.035	0.070	0.000	576.10	208.85
0.000248	38.	38.	38.	2	0	0	0.00	449.21	658.06

*SECNO 5350.000

3470 ENCROACHMENT STATIONS= 615.0 340.0 TYPE= 1 TARGET= 225.000

5350.00	8.74	587.54	0.00	0.00	587.68	0.14	0.36	0.01	584.00
1730.	74.	1517.	139.	113.	472.	161.	228.	75.	586.20
1.30	0.66	3.21	0.86	0.070	0.035	0.070	0.000	578.80	615.00
0.000489	1062.	1062.	1062.	2	0	0	0.00	225.00	840.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 5612.000

3470 ENCROACHMENT STATIONS= 690.0 780.0 TYPE= 1 TARGET= 90.000

5612.00	8.84	587.64	0.00	0.00	587.83	0.19	0.14	0.01	584.00
1730.	30.	1693.	7.	32.	479.	11.	232.	76.	586.20
1.32	0.94	3.53	0.60	0.070	0.035	0.070	0.000	578.80	690.00
0.000580	262.	262.	262.	0	0	0	0.00	90.00	780.00

*SECNO 5722.000

3470 ENCROACHMENT STATIONS= 709.0 742.0 TYPE= 1 TARGET= 33.000

5722.00	8.65	587.45	0.00	0.00	588.08	0.63	0.11	0.13	100000.00
1730.	0.	1730.	0.	0.	271.	0.	233.	76.	100000.00
1.32	0.00	6.37	0.00	0.070	0.035	0.070	0.000	578.80	709.00
0.002257	110.	110.	110.	2	0	0	0.00	33.00	742.00

CCHV= 0.300 CEHV= 0.500

*SECNO 5732.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 588.65 ELREA= 588.65

5732.00	10.67	587.67	0.00	0.00	588.14	0.48	0.02	0.05	588.68
1730.	0.	1730.	0.	0.	312.	0.	233.	76.	588.65
1.33	0.00	5.54	0.00	0.070	0.035	0.070	0.000	577.00	600.00
0.001463	10.	10.	10.	2	0	0	0.00	30.00	630.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.65	3.00	0.00	30.00	0.00	210.00	0.00	577.00	577.00

*SECNO 5768.000

3280 CROSS SECTION 5768.00 EXTENDED 0.43 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA		ELLC	ELTRD
589.41	588.14	0.00	48.	1690.	210.	239.		584.96	588.33
5768.00	12.02	589.02	0.00	0.00	589.33	0.30	1.18	0.00	588.68
1730.	44.	1617.	69.	124.	353.	200.	233.	76.	588.65
1.33	0.35	4.58	0.34	0.070	0.035	0.070	0.000	577.00	291.84
0.000895	36.	36.	36.	2	0	2	0.00	838.16	1130.00

CCHV= 0.100 CEHV= 0.300
*SECNO 5778.000

3470 ENCROACHMENT STATIONS= 700.0 750.0 TYPE= 1 TARGET= 50.000

5778.00	10.32	589.12	0.00	0.00	589.34	0.22	0.01	0.01	584.00
1730.	0.	1730.	0.	0.	461.	0.	233.	76.	100000.00
1.33	0.00	3.75	0.00	0.070	0.035	0.070	0.000	578.80	700.00
0.000565	10.	10.	10.	2	0	0	0.00	50.00	750.00

*SECNO 5798.000

3470 ENCROACHMENT STATIONS= 690.0 785.0 TYPE= 1 TARGET= 95.000

5798.00	10.44	589.24	0.00	0.00	589.36	0.12	0.01	0.01	584.00
1730.	37.	1667.	26.	48.	596.	39.	234.	76.	586.20
1.33	0.78	2.79	0.65	0.070	0.035	0.070	0.000	578.80	690.00
0.000271	20.	20.	20.	2	0	0	0.00	95.00	785.00

*SECNO 6174.000

3470 ENCROACHMENT STATIONS= 650.0 825.0 TYPE= 1 TARGET= 175.000

6174.00	10.58	589.38	0.00	0.00	589.45	0.07	0.08	0.00	584.00
1730.	122.	1434.	174.	179.	606.	226.	241.	77.	586.20
1.38	0.68	2.37	0.77	0.070	0.035	0.070	0.000	578.80	650.00
0.000190	376.	376.	376.	2	0	0	0.00	175.00	825.00

*SECNO 6312.000

3470 ENCROACHMENT STATIONS= 675.0 780.0 TYPE= 1 TARGET= 105.000

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
6312.00	10.58	589.38	0.00	0.00	589.49	0.11	0.03	0.01	584.00
1730.	86.	1630.	13.	107.	607.	23.	244.	78.	586.20
1.40	0.81	2.69	0.57	0.070	0.035	0.070	0.000	578.80	675.00
0.000245	138.	138.	138.	2	0	0	0.00	105.00	780.00

*SECNO 6440.000

3470 ENCROACHMENT STATIONS= 705.0 745.0 TYPE= 1 TARGET= 40.000

6440.00	10.50	589.30	0.00	0.00	589.60	0.30	0.05	0.06	100000.00
1730.	0.	1730.	0.	0.	394.	0.	245.	78.	100000.00
1.40	0.00	4.39	0.00	0.070	0.035	0.070	0.000	578.80	705.00
0.000316	128.	128.	128.	2	0	0	0.00	40.00	745.00

CCHV= 0.300 CEHV= 0.500
*SECNO 6450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 593.36 ELREA= 593.36

6450.00	12.31	589.30	0.00	0.00	589.64	0.34	0.02	0.02	593.36
1730.	0.	1730.	0.	0.	370.	0.	245.	78.	593.40
1.40	0.00	4.68	0.00	0.070	0.100	0.070	0.000	576.99	482.50
0.010129	10.	10.	10.	0	0	0	0.00	35.00	517.50

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
0.00	1.90	2.60	0.00	34.00	0.00	311.60	0.00	576.99	576.99

*SECNO 6498.000
PRESSURE FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
590.21	589.64	0.00	0.	1730.	312.	368.	587.80	593.02

6498.00	12.91	589.90	0.00	0.00	590.21	0.30	0.57	0.00	593.36
1730.	0.	1730.	0.	0.	391.	0.	246.	78.	593.40
1.41	0.00	4.43	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.001057	48.	48.	48.	2	0	0	0.00	35.00	517.50

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 6508.000

6508.00	12.93	589.92	0.00	0.00	590.22	0.30	0.01	0.00	593.36
1730.	0.	1730.	0.	0.	391.	0.	246.	78.	593.40
1.41	0.00	4.42	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.001054	10.	10.	10.	2	0	0	0.00	35.00	517.50

*SECNO 6532.000

6532.00	12.95	589.94	0.00	0.00	590.24	0.30	0.03	0.00	593.36
1730.	0.	1730.	0.	0.	392.	0.	246.	78.	593.40
1.41	0.00	4.41	0.00	0.070	0.035	0.070	0.000	576.99	482.50
0.001047	24.	24.	24.	0	0	0	0.00	35.00	517.50

*SECNO 7629.000

3265 DIVIDED FLOW

7629.00	13.01	590.41	0.00	0.00	590.42	0.01	0.15	0.03	584.40
1730.	783.	534.	413.	1757.	403.	1178.	293.	89.	584.60
1.85	0.45	1.33	0.35	0.070	0.035	0.070	0.000	577.40	93.04
0.000050	1097.	1097.	1097.	2	0	0	0.00	802.64	1035.77

*SECNO 9498.000

3280 CROSS SECTION 9498.00 EXTENDED 0.52 FEET

9498.00	11.42	590.52	0.00	0.00	590.53	0.01	0.11	0.00	587.20
1730.	729.	553.	448.	1619.	384.	931.	428.	122.	585.20
2.52	0.45	1.44	0.48	0.070	0.035	0.070	0.000	579.10	0.00
0.000071	1869.	1869.	1869.	2	0	0	0.00	747.50	747.50

*SECNO 11248.000

3470 ENCROACHMENT STATIONS= 475.0 560.0 TYPE= 1 TARGET= 85.000

11248.00	10.85	590.65	0.00	0.00	590.85	0.20	0.26	0.06	582.70
1730.	156.	1211.	363.	124.	289.	224.	499.	139.	582.80
2.66	1.26	4.19	1.62	0.070	0.035	0.070	0.000	579.80	475.00
0.000478	1750.	1750.	1750.	2	0	0	0.00	85.00	560.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 11346.000

3470 ENCROACHMENT STATIONS= 495.0 535.0 TYPE= 1 TARGET= 40.000

11346.00	10.72	590.52	0.00	0.00	590.99	0.47	0.08	0.08	582.70
1730.	48.	1617.	65.	36.	285.	46.	501.	139.	582.80
2.67	1.34	5.67	1.43	0.070	0.035	0.070	0.000	579.80	495.00
0.000889	98.	98.	98.	2	0	0	0.00	40.00	535.00

CCHV= 0.300 CEHV= 0.500
*SECNO 11356.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 120.0 850.0 TYPE= 1 TARGET= 730.000

11356.00	10.40	590.50	585.71	0.00	591.05	0.54	0.02	0.04	591.14
1730.	0.	1684.	46.	0.	281.	64.	501.	139.	591.06
2.67	0.00	6.00	0.71	0.070	0.070	0.070	0.000	580.10	470.50
0.007425	10.	10.	10.	4	17	0	0.00	302.38	850.00

SPECIAL BRIDGE

5070 VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.69	2.60	0.00	27.00	0.00	180.00	0.00	580.10	580.10

*SECNO 11440.000

3301 HV CHANGED MORE THAN HVINS

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
592.93	591.09	0.00	363.	1360.	180.	230.	588.63	591.06

11440.00	11.87	591.97	0.00	0.00	592.00	0.04	0.96	0.00	591.14
1730.	47.	716.	967.	109.	324.	1102.	502.	140.	591.06
2.68	0.43	2.21	0.88	0.070	0.070	0.070	0.000	580.10	255.40
0.000862	84.	84.	84.	2	0	2	0.00	923.23	1178.63

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.100 CEHV= 0.300

*SECNO 11450.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 592.00 ELREA= 595.00

11450.00	11.88	591.68	0.00	0.00	592.14	0.46	0.01	0.13	582.70
1730.	0.	1730.	0.	0.	319.	0.	503.	140.	582.80
2.68	0.00	5.43	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000703	10.	10.	10.	5	0	0	0.00	29.00	529.00

*SECNO 11469.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 592.00 ELREA= 595.00

11469.00	11.89	591.69	0.00	0.00	592.15	0.46	0.01	0.00	582.70
1730.	0.	1730.	0.	0.	319.	0.	503.	140.	582.80
2.69	0.00	5.42	0.00	0.070	0.035	0.070	0.000	579.80	500.00
0.000699	19.	19.	19.	0	0	0	0.00	29.00	529.00

*SECNO 12898.000

12898.00	12.19	592.39	0.00	0.00	592.40	0.01	0.20	0.04	586.60
1730.	295.	508.	926.	684.	375.	2191.	561.	154.	588.20
3.25	0.43	1.36	0.42	0.070	0.035	0.070	0.000	580.20	320.21
0.000059	1429.	1429.	1429.	2	0	0	0.00	822.97	1143.18

*SECNO 14248.000

14248.00	10.78	592.48	0.00	0.00	592.49	0.01	0.10	0.00	587.30
1730.	403.	420.	907.	690.	265.	1959.	657.	179.	587.40
3.75	0.59	1.59	0.46	0.070	0.035	0.070	0.000	581.70	358.21
0.000086	1350.	1350.	1350.	2	0	0	0.00	790.64	1148.85

*SECNO 15248.000

3280 CROSS SECTION 15248.00 EXTENDED 0.32 FEET

15248.00	10.39	592.59	0.00	0.00	592.63	0.03	0.13	0.01	588.80
1730.	928.	695.	106.	1295.	323.	317.	713.	197.	588.80
3.96	0.72	2.15	0.34	0.070	0.035	0.070	0.000	582.20	0.00
0.000201	1000.	1000.	1000.	2	0	0	0.00	760.00	760.00

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SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 16448.000									
16448.00	10.47	592.87	0.00	0.00	593.13	0.26	0.44	0.07	588.90
1730.	103.	1339.	288.	92.	287.	322.	749.	213.	588.70
4.05	1.12	4.66	0.90	0.070	0.035	0.070	0.000	582.40	454.71
0.000842	1200.	1200.	1200.	2	0	0	0.00	387.63	842.34

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THIS RUN EXECUTED 29 FEB 84 14:46:18

****
HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

MARSH CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
0.000	584.70	0.00	584.75	248.11	9.56	618.74	151.70	340.00	305.00	458.00	500.00	645.00
0.000	585.60	0.00	585.67	340.00	48.10	830.79	297.11	340.00	305.00	458.00	500.00	645.00
0.000	585.80	0.00	585.88	340.00	68.53	935.03	356.44	340.00	305.00	458.00	500.00	645.00
0.000	586.10	0.00	586.21	340.00	112.74	1142.52	474.74	340.00	305.00	458.00	500.00	645.00
75.000	584.72	0.00	584.76	184.10	61.17	637.62	81.21	0.00	0.00	478.00	523.00	0.00
75.000	585.62	0.00	585.68	259.19	116.68	900.46	158.86	0.00	0.00	478.00	523.00	0.00
75.000	585.82	0.00	585.90	290.14	143.62	1022.31	194.08	0.00	0.00	478.00	523.00	0.00
75.000	586.12	0.00	586.23	336.91	198.95	1263.48	267.57	0.00	0.00	478.00	523.00	0.00
77.000	584.71	0.00	584.78	45.00	0.00	780.00	0.00	0.00	0.00	478.00	523.00	0.00
77.000	585.62	0.00	585.68	259.65	116.79	900.21	159.00	0.00	0.00	478.00	523.00	0.00
77.000	585.82	0.00	585.90	290.39	143.68	1022.15	194.16	0.00	0.00	478.00	523.00	0.00
77.000	586.13	0.00	586.23	336.71	198.88	1263.64	267.48	0.00	0.00	478.00	523.00	0.00
123.000	584.96	0.00	585.00	191.95	63.85	632.35	83.80	0.00	0.00	478.00	523.00	0.00
123.000	585.88	0.00	585.94	299.86	123.32	886.29	166.39	0.00	0.00	478.00	523.00	0.00
123.000	586.09	0.00	586.16	331.87	151.27	1005.25	203.49	0.00	0.00	478.00	523.00	0.00
123.000	586.41	0.00	586.50	379.98	208.88	1240.37	280.76	0.00	0.00	478.00	523.00	0.00
125.000	584.96	0.00	585.00	191.98	63.86	632.34	83.81	0.00	0.00	478.00	523.00	0.00
125.000	585.88	0.00	585.94	299.90	123.33	886.27	166.41	0.00	0.00	478.00	523.00	0.00
125.000	586.09	0.00	586.16	331.92	151.28	1005.22	203.51	0.00	0.00	478.00	523.00	0.00
125.000	586.41	0.00	586.50	380.05	208.90	1240.31	280.79	0.00	0.00	478.00	523.00	0.00
166.000	584.96	0.00	585.00	295.46	14.38	588.97	176.66	415.00	270.00	458.00	500.00	685.00
166.000	585.89	0.00	585.94	415.00	63.55	772.19	340.26	415.00	270.00	458.00	500.00	685.00
166.000	586.11	0.00	586.17	415.00	88.89	864.01	407.10	415.00	270.00	458.00	500.00	685.00
166.000	586.44	0.00	586.51	415.00	143.53	1045.79	540.68	415.00	270.00	458.00	500.00	685.00
2870.000	585.27	0.00	585.28	668.22	42.63	370.61	366.76	0.00	0.00	753.00	800.00	0.00
2870.000	586.23	0.00	586.24	869.99	110.62	466.63	593.75	0.00	0.00	753.00	800.00	0.00
2870.000	586.49	0.00	586.50	923.71	142.97	515.35	701.68	0.00	0.00	753.00	800.00	0.00
2870.000	586.90	0.00	586.92	1010.98	212.99	609.47	907.54	0.00	0.00	753.00	800.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4008.000	585.36	0.00	585.37	400.00	51.11	410.18	318.71	400.00	580.00	753.00	800.00	980.00
4008.000	586.32	0.00	586.34	400.00	132.03	549.06	494.92	400.00	580.00	753.00	800.00	980.00
4008.000	586.58	0.00	586.61	400.00	168.48	617.04	574.48	400.00	580.00	753.00	800.00	980.00
4008.000	587.02	0.00	587.05	400.00	244.67	751.69	733.64	400.00	580.00	753.00	800.00	980.00
4190.000	585.37	0.00	585.39	310.00	56.70	455.11	268.19	310.00	620.00	753.00	800.00	930.00
4190.000	586.33	0.00	586.36	310.00	137.00	620.13	418.87	310.00	620.00	753.00	800.00	930.00
4190.000	586.60	0.00	586.63	310.00	172.88	699.95	487.18	310.00	620.00	753.00	800.00	930.00
4190.000	587.04	0.00	587.08	310.00	247.57	858.29	624.14	310.00	620.00	753.00	800.00	930.00
4200.000	585.35	0.00	585.42	51.00	0.00	780.00	0.00	0.00	0.00	449.00	500.00	0.00
4200.000	586.29	0.00	586.42	270.41	4.97	1167.97	3.06	0.00	0.00	449.00	500.00	0.00
4200.000	586.54	0.00	586.70	320.57	16.56	1330.61	12.83	0.00	0.00	449.00	500.00	0.00
4200.000	586.96	0.00	587.16	403.37	67.13	1608.05	54.82	0.00	0.00	449.00	500.00	0.00
4240.000	585.39	0.00	585.45	51.00	0.00	780.00	0.00	0.00	0.00	449.00	500.00	0.00
4240.000	586.38	0.00	586.51	289.12	7.82	1162.79	5.39	0.00	0.00	449.00	500.00	0.00
4240.000	586.66	0.00	586.81	343.04	23.48	1317.29	19.23	0.00	0.00	449.00	500.00	0.00
4240.000	587.11	0.00	587.29	433.12	89.94	1566.11	73.95	0.00	0.00	449.00	500.00	0.00
4250.000	585.41	0.00	585.46	51.00	0.00	780.00	0.00	0.00	0.00	449.00	500.00	0.00
4250.000	586.44	0.00	586.52	301.33	31.38	1142.56	2.07	0.00	0.00	449.00	500.00	0.00
4250.000	586.73	0.00	586.82	357.00	56.03	1297.15	6.82	0.00	0.00	449.00	500.00	0.00
4250.000	587.19	0.00	587.31	447.23	117.97	1586.85	25.17	0.00	0.00	449.00	500.00	0.00
4288.000	585.41	0.00	585.46	51.00	0.00	780.00	0.00	0.00	0.00	449.00	500.00	0.00
4288.000	586.45	0.00	586.52	302.59	31.74	1142.13	2.13	0.00	0.00	449.00	500.00	0.00
4288.000	586.73	0.00	586.82	358.49	56.60	1296.42	6.98	0.00	0.00	449.00	500.00	0.00
4288.000	587.20	0.00	587.31	449.21	119.06	1585.30	25.64	0.00	0.00	449.00	500.00	0.00
5350.000	585.59	0.00	585.67	139.97	5.08	759.93	14.99	225.00	615.00	700.00	773.00	840.00
5350.000	586.69	0.00	586.79	185.42	23.83	1087.87	64.30	225.00	615.00	700.00	773.00	840.00
5350.000	587.01	0.00	587.12	225.00	37.02	1234.60	88.37	225.00	615.00	700.00	773.00	840.00
5350.000	587.54	0.00	587.68	225.00	74.07	1517.14	138.79	225.00	615.00	700.00	773.00	840.00
5612.000	585.68	0.00	585.77	80.72	5.61	774.39	0.00	90.00	690.00	700.00	773.00	780.00
5612.000	586.79	0.00	586.91	90.00	16.22	1158.10	1.68	90.00	690.00	700.00	773.00	780.00
5612.000	587.11	0.00	587.25	90.00	20.74	1336.13	3.13	90.00	690.00	700.00	773.00	780.00
5612.000	587.64	0.00	587.83	90.00	30.08	1693.32	6.60	90.00	690.00	700.00	773.00	780.00
5722.000	585.66	0.00	585.87	33.00	0.00	780.00	0.00	33.00	709.00	700.00	773.00	742.00
5722.000	586.70	0.00	587.05	33.00	0.00	1176.00	0.00	33.00	709.00	700.00	773.00	742.00
5722.000	586.99	0.00	587.43	33.00	0.00	1360.00	0.00	33.00	709.00	700.00	773.00	742.00
5722.000	587.45	0.00	588.08	33.00	0.00	1730.00	0.00	33.00	709.00	700.00	773.00	742.00
5732.000	585.75	0.00	585.89	30.00	0.00	780.00	0.00	0.00	0.00	600.00	630.00	0.00
5732.000	586.83	0.00	587.09	30.00	0.00	1176.00	0.00	0.00	0.00	600.00	630.00	0.00
5732.000	587.15	0.00	587.48	30.00	0.00	1360.00	0.00	0.00	0.00	600.00	630.00	0.00
5732.000	587.67	0.00	588.14	30.00	0.00	1730.00	0.00	0.00	0.00	600.00	630.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
5768.000	585.96	0.00	586.10	30.00	0.00	780.00	0.00	0.00	0.00	600.00	630.00	0.00
5768.000	587.40	0.00	587.64	30.00	0.00	1176.00	0.00	0.00	0.00	600.00	630.00	0.00
5768.000	587.94	0.00	588.22	30.00	0.00	1360.00	0.00	0.00	0.00	600.00	630.00	0.00
5768.000	589.02	0.00	589.33	838.16	44.10	1616.88	69.02	0.00	0.00	600.00	630.00	0.00
5778.000	586.01	0.00	586.11	50.00	0.00	780.00	0.00	50.00	700.00	700.00	773.00	750.00
5778.000	587.50	0.00	587.65	50.00	0.00	1176.00	0.00	50.00	700.00	700.00	773.00	750.00
5778.000	588.07	0.00	588.24	50.00	0.00	1360.00	0.00	50.00	700.00	700.00	773.00	750.00
5778.000	589.12	0.00	589.34	50.00	0.00	1730.00	0.00	50.00	700.00	700.00	773.00	750.00
5798.000	586.05	0.00	586.12	90.56	7.53	772.33	0.15	95.00	690.00	700.00	773.00	785.00
5798.000	587.57	0.00	587.66	95.00	20.11	1147.37	8.52	95.00	690.00	700.00	773.00	785.00
5798.000	588.16	0.00	588.26	95.00	25.87	1320.31	13.82	95.00	690.00	700.00	773.00	785.00
5798.000	589.24	0.00	589.36	95.00	37.46	1666.94	25.60	95.00	690.00	700.00	773.00	785.00
6174.000	586.17	0.00	586.22	148.88	9.66	744.28	26.06	175.00	650.00	700.00	773.00	825.00
6174.000	587.69	0.00	587.76	175.00	48.05	1044.12	83.83	175.00	650.00	700.00	773.00	825.00
6174.000	588.28	0.00	588.35	175.00	71.19	1175.95	112.86	175.00	650.00	700.00	773.00	825.00
6174.000	589.38	0.00	589.45	175.00	122.02	1433.71	174.27	175.00	650.00	700.00	773.00	825.00
6312.000	586.20	0.00	586.26	105.00	10.29	769.61	0.09	105.00	675.00	700.00	773.00	780.00
6312.000	587.71	0.00	587.79	105.00	39.90	1131.43	4.67	105.00	675.00	700.00	773.00	780.00
6312.000	588.29	0.00	588.38	105.00	54.87	1297.75	7.38	105.00	675.00	700.00	773.00	780.00
6312.000	589.38	0.00	589.49	105.00	86.41	1630.43	13.16	105.00	675.00	700.00	773.00	780.00
6440.000	586.20	0.00	586.33	40.00	0.00	780.00	0.00	40.00	705.00	700.00	773.00	745.00
6440.000	587.68	0.00	587.88	40.00	0.00	1176.00	0.00	40.00	705.00	700.00	773.00	745.00
6440.000	588.25	0.00	588.48	40.00	0.00	1360.00	0.00	40.00	705.00	700.00	773.00	745.00
6440.000	589.30	0.00	589.60	40.00	0.00	1730.00	0.00	40.00	705.00	700.00	773.00	745.00
6450.000	586.21	0.00	586.34	35.00	0.00	780.00	0.00	0.00	0.00	482.50	517.50	0.00
6450.000	587.68	0.00	587.90	35.00	0.00	1176.00	0.00	0.00	0.00	482.50	517.50	0.00
6450.000	588.25	0.00	588.51	35.00	0.00	1360.00	0.00	0.00	0.00	482.50	517.50	0.00
6450.000	589.30	0.00	589.64	35.00	0.00	1730.00	0.00	0.00	0.00	482.50	517.50	0.00
6498.000	586.31	0.00	586.47	35.00	0.00	780.00	0.00	0.00	0.00	482.50	517.50	0.00
6498.000	587.89	0.00	588.10	35.00	0.00	1176.00	0.00	0.00	0.00	482.50	517.50	0.00
6498.000	588.57	0.00	588.81	35.00	0.00	1360.00	0.00	0.00	0.00	482.50	517.50	0.00
6498.000	589.90	0.00	590.21	35.00	0.00	1730.00	0.00	0.00	0.00	482.50	517.50	0.00
6508.000	586.35	0.00	586.49	35.00	0.00	780.00	0.00	0.00	0.00	482.50	517.50	0.00
6508.000	587.90	0.00	588.11	35.00	0.00	1176.00	0.00	0.00	0.00	482.50	517.50	0.00
6508.000	588.58	0.00	588.82	35.00	0.00	1360.00	0.00	0.00	0.00	482.50	517.50	0.00
6508.000	589.92	0.00	590.22	35.00	0.00	1730.00	0.00	0.00	0.00	482.50	517.50	0.00
6532.000	586.37	0.00	586.50	35.00	0.00	780.00	0.00	0.00	0.00	482.50	517.50	0.00
6532.000	587.92	0.00	588.13	35.00	0.00	1176.00	0.00	0.00	0.00	482.50	517.50	0.00
6532.000	588.60	0.00	588.84	35.00	0.00	1360.00	0.00	0.00	0.00	482.50	517.50	0.00
6532.000	589.94	0.00	590.24	35.00	0.00	1730.00	0.00	0.00	0.00	482.50	517.50	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
7629.000	586.76	0.00	586.79	428.72	306.38	405.98	67.63	0.00	0.00	460.00	500.00	0.00
7629.000	588.35	0.00	588.37	591.47	513.65	475.37	186.98	0.00	0.00	460.00	500.00	0.00
7629.000	589.04	0.00	589.06	662.37	605.74	498.90	255.35	0.00	0.00	460.00	500.00	0.00
7629.000	590.41	0.00	590.42	802.64	783.28	533.99	412.73	0.00	0.00	460.00	500.00	0.00
9498.000	587.10	0.00	587.15	461.17	159.27	486.65	134.08	0.00	0.00	455.00	500.00	0.00
9498.000	588.56	0.00	588.58	611.49	386.95	526.29	262.75	0.00	0.00	455.00	500.00	0.00
9498.000	589.21	0.00	589.23	667.10	497.79	537.06	325.16	0.00	0.00	455.00	500.00	0.00
9498.000	590.52	0.00	590.53	747.50	728.84	552.78	448.38	0.00	0.00	455.00	500.00	0.00
11248.000	587.65	0.00	587.76	80.63	38.51	603.04	138.45	85.00	475.00	500.00	529.00	560.00
11248.000	588.90	0.00	589.06	85.00	77.81	868.37	229.82	85.00	475.00	500.00	529.00	560.00
11248.000	589.47	0.00	589.64	85.00	102.17	984.54	273.29	85.00	475.00	500.00	529.00	560.00
11248.000	590.65	0.00	590.85	85.00	155.86	1210.97	363.17	85.00	475.00	500.00	529.00	560.00
11346.000	587.64	0.00	587.83	40.00	20.11	732.04	27.85	40.00	495.00	500.00	529.00	535.00
11346.000	588.84	0.00	589.16	40.00	32.01	1100.39	43.60	40.00	495.00	500.00	529.00	535.00
11346.000	589.39	0.00	589.76	40.00	37.49	1271.68	50.83	40.00	495.00	500.00	529.00	535.00
11346.000	590.52	0.00	590.99	40.00	48.28	1616.68	65.04	40.00	495.00	500.00	529.00	535.00
11356.000	587.63	0.00	587.87	29.50	0.00	780.00	0.00	730.00	120.00	470.50	500.00	850.00
11356.000	588.82	0.00	589.22	29.50	0.00	1176.00	0.00	730.00	120.00	470.50	500.00	850.00
11356.000	589.36	0.00	589.83	29.50	0.00	1360.00	0.00	730.00	120.00	470.50	500.00	850.00
11356.000	590.50	0.00	591.05	302.38	0.00	1684.09	45.91	730.00	120.00	470.50	500.00	850.00
11440.000	588.20	0.00	588.46	29.50	0.00	780.00	0.00	0.00	0.00	470.50	500.00	0.00
11440.000	589.61	0.00	589.94	29.50	0.00	1176.00	0.00	0.00	0.00	470.50	500.00	0.00
11440.000	590.49	0.00	590.86	29.50	0.00	1360.00	0.00	0.00	0.00	470.50	500.00	0.00
11440.000	591.97	0.00	592.00	923.23	47.01	716.15	966.84	0.00	0.00	470.50	500.00	0.00
11450.000	588.28	0.00	588.48	29.00	0.00	780.00	0.00	0.00	0.00	500.00	529.00	0.00
11450.000	589.63	0.00	589.95	29.00	0.00	1176.00	0.00	0.00	0.00	500.00	529.00	0.00
11450.000	590.52	0.00	590.87	29.00	0.00	1360.00	0.00	0.00	0.00	500.00	529.00	0.00
11450.000	591.68	0.00	592.14	29.00	0.00	1730.00	0.00	0.00	0.00	500.00	529.00	0.00
11469.000	588.29	0.00	588.49	29.00	0.00	780.00	0.00	0.00	0.00	500.00	529.00	0.00
11469.000	589.65	0.00	589.97	29.00	0.00	1176.00	0.00	0.00	0.00	500.00	529.00	0.00
11469.000	590.53	0.00	590.88	29.00	0.00	1360.00	0.00	0.00	0.00	500.00	529.00	0.00
11469.000	591.69	0.00	592.15	29.00	0.00	1730.00	0.00	0.00	0.00	500.00	529.00	0.00
12898.000	588.95	0.00	588.99	511.36	72.26	479.13	228.61	0.00	0.00	500.00	541.00	0.00
12898.000	590.34	0.00	590.36	669.23	167.79	510.76	497.45	0.00	0.00	500.00	541.00	0.00
12898.000	591.17	0.00	591.19	731.53	213.85	492.44	653.70	0.00	0.00	500.00	541.00	0.00
12898.000	592.39	0.00	592.40	822.97	295.41	508.31	926.29	0.00	0.00	500.00	541.00	0.00
14248.000	589.34	0.00	589.40	495.42	181.50	424.81	173.69	0.00	0.00	500.00	529.00	0.00
14248.000	590.56	0.00	590.59	668.95	292.40	442.49	441.10	0.00	0.00	500.00	529.00	0.00
14248.000	591.31	0.00	591.33	716.58	330.88	419.98	609.14	0.00	0.00	500.00	529.00	0.00
14248.000	592.48	0.00	592.49	790.64	403.49	419.80	906.71	0.00	0.00	500.00	529.00	0.00

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SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
15248.000	589.79	0.00	589.89	335.22	207.88	570.28	1.84	0.00	0.00	360.00	404.00	0.00
15248.000	590.84	0.00	590.91	417.58	487.37	678.08	10.55	0.00	0.00	360.00	404.00	0.00
15248.000	591.49	0.00	591.55	498.55	657.95	679.51	22.54	0.00	0.00	360.00	404.00	0.00
15248.000	592.59	0.00	592.63	760.00	928.19	695.41	106.40	0.00	0.00	360.00	404.00	0.00
16448.000	590.59	0.00	590.78	97.55	8.98	750.26	20.76	0.00	0.00	500.00	535.00	0.00
16448.000	591.49	0.00	591.77	144.59	34.28	1064.05	77.68	0.00	0.00	500.00	535.00	0.00
16448.000	591.96	0.00	592.25	182.90	54.59	1178.78	126.63	0.00	0.00	500.00	535.00	0.00
16448.000	592.87	0.00	593.13	387.63	102.60	1339.10	288.31	0.00	0.00	500.00	535.00	0.00

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MARSH CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
0.000	0.00	0.00	0.00	574.90	780.00	584.70	0.00	584.75	1.87	2.04	654.49	570.78
0.000	0.00	0.00	0.00	574.90	1176.00	585.60	0.00	585.67	2.28	2.43	915.54	779.16
0.000	0.00	0.00	0.00	574.90	1360.00	585.80	0.00	585.88	2.66	2.67	983.54	833.68
0.000	0.00	0.00	0.00	574.90	1730.00	586.10	0.00	586.21	3.53	3.15	1085.54	920.57
75.000	75.00	0.00	0.00	575.20	780.00	584.72	0.00	584.76	1.19	1.78	694.25	713.60
75.000	75.00	0.00	0.00	575.20	1176.00	585.62	0.00	585.68	1.66	2.26	888.17	911.48
75.000	75.00	0.00	0.00	575.20	1360.00	585.82	0.00	585.90	1.99	2.51	943.89	964.19
75.000	75.00	0.00	0.00	575.20	1730.00	586.12	0.00	586.23	2.72	3.00	1040.00	1049.02
77.000	2.00	0.00	0.00	575.20	780.00	584.71	0.00	584.78	1.79	2.18	357.78	583.48
77.000	2.00	0.00	0.00	575.20	1176.00	585.62	0.00	585.68	1.66	2.26	888.97	912.26
77.000	2.00	0.00	0.00	575.20	1360.00	585.82	0.00	585.90	1.99	2.51	944.36	964.63
77.000	2.00	0.00	0.00	575.20	1730.00	586.13	0.00	586.23	2.72	3.00	1039.55	1048.63
123.000	46.00	584.88	583.30	574.90	780.00	584.96	0.00	585.00	0.99	1.69	746.47	785.39
123.000	46.00	584.88	583.30	574.90	1176.00	585.88	0.00	585.94	1.36	2.13	968.66	1006.63
123.000	46.00	584.88	583.30	574.90	1360.00	586.09	0.00	586.16	1.63	2.36	1034.93	1065.46
123.000	46.00	584.88	583.30	574.90	1730.00	586.41	0.00	586.50	2.22	2.82	1147.16	1160.10
125.000	2.00	0.00	0.00	574.90	780.00	584.96	0.00	585.00	0.99	1.69	746.53	785.45
125.000	2.00	0.00	0.00	574.90	1176.00	585.88	0.00	585.94	1.36	2.13	968.74	1006.71
125.000	2.00	0.00	0.00	574.90	1360.00	586.09	0.00	586.16	1.63	2.36	1035.05	1065.56
125.000	2.00	0.00	0.00	574.90	1730.00	586.41	0.00	586.50	2.22	2.82	1147.33	1160.24
166.000	41.00	0.00	0.00	574.90	780.00	584.96	0.00	585.00	1.50	1.87	767.61	636.62
166.000	41.00	0.00	0.00	574.90	1176.00	585.89	0.00	585.94	1.75	2.18	1109.23	888.58
166.000	41.00	0.00	0.00	574.90	1360.00	586.11	0.00	586.17	2.02	2.38	1196.78	957.04
166.000	41.00	0.00	0.00	574.90	1730.00	586.44	0.00	586.51	2.61	2.78	1332.10	1069.87
2870.000	2704.00	0.00	0.00	576.50	780.00	585.27	0.00	585.28	0.74	1.22	1553.45	908.14
2870.000	2704.00	0.00	0.00	576.50	1176.00	586.23	0.00	586.24	0.74	1.34	2291.15	1369.31
2870.000	2704.00	0.00	0.00	576.50	1360.00	586.49	0.00	586.50	0.80	1.43	2520.19	1516.95
2870.000	2704.00	0.00	0.00	576.50	1730.00	586.90	0.00	586.92	0.94	1.60	2921.50	1781.13
4008.000	1138.00	0.00	0.00	576.50	780.00	585.36	0.00	585.37	0.86	1.33	1178.36	839.19
4008.000	1138.00	0.00	0.00	576.50	1176.00	586.32	0.00	586.34	0.98	1.55	1563.29	1187.60
4008.000	1138.00	0.00	0.00	576.50	1360.00	586.58	0.00	586.61	1.10	1.69	1669.04	1294.57
4008.000	1138.00	0.00	0.00	576.50	1730.00	587.02	0.00	587.05	1.37	1.95	1842.19	1479.40
4190.000	182.00	0.00	0.00	576.50	780.00	585.37	0.00	585.39	1.06	1.47	1001.30	759.15
4190.000	182.00	0.00	0.00	576.50	1176.00	586.33	0.00	586.36	1.24	1.75	1299.95	1055.14
4190.000	182.00	0.00	0.00	576.50	1360.00	586.60	0.00	586.63	1.41	1.91	1382.44	1145.47
4190.000	182.00	0.00	0.00	576.50	1730.00	587.04	0.00	587.08	1.77	2.22	1517.77	1301.18

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
4200.000	10.00	585.80	584.43	576.10	780.00	585.35	0.00	585.42	8.38	2.05	380.34	269.43
4200.000	10.00	585.80	584.43	576.10	1176.00	586.29	0.00	586.42	22.79	2.94	419.03	246.36
4200.000	10.00	585.80	584.43	576.10	1360.00	586.54	0.00	586.70	26.56	3.24	464.78	263.90
4200.000	10.00	585.80	584.43	576.10	1730.00	586.96	0.00	587.16	32.72	3.72	572.96	302.45
4240.000	40.00	585.80	584.43	576.10	780.00	585.39	0.00	585.45	8.38	2.05	380.34	269.43
4240.000	40.00	585.80	584.43	576.10	1176.00	586.38	0.00	586.51	21.69	2.89	434.36	252.52
4240.000	40.00	585.80	584.43	576.10	1360.00	586.66	0.00	586.81	24.83	3.16	490.12	272.91
4240.000	40.00	585.80	584.43	576.10	1730.00	587.11	0.00	587.29	29.25	3.56	621.74	319.86
4250.000	10.00	0.00	0.00	576.10	780.00	585.41	0.00	585.46	1.09	1.71	456.26	745.63
4250.000	10.00	0.00	0.00	576.10	1176.00	586.44	0.00	586.52	1.64	2.24	664.77	917.90
4250.000	10.00	0.00	0.00	576.10	1360.00	586.73	0.00	586.82	1.93	2.48	758.07	979.66
4250.000	10.00	0.00	0.00	576.10	1730.00	587.19	0.00	587.31	2.49	2.90	942.82	1095.75
4288.000	38.00	0.00	0.00	576.10	780.00	585.41	0.00	585.46	1.09	1.71	457.24	748.14
4288.000	38.00	0.00	0.00	576.10	1176.00	586.45	0.00	586.52	1.64	2.24	666.71	919.23
4288.000	38.00	0.00	0.00	576.10	1360.00	586.73	0.00	586.82	1.92	2.47	760.80	981.42
4288.000	38.00	0.00	0.00	576.10	1730.00	587.20	0.00	587.31	2.48	2.89	947.34	1098.54
5350.000	1062.00	0.00	0.00	578.80	780.00	585.59	0.00	585.67	3.84	2.30	379.98	398.26
5350.000	1062.00	0.00	0.00	578.80	1176.00	586.69	0.00	586.79	4.02	2.65	559.41	586.35
5350.000	1062.00	0.00	0.00	578.80	1360.00	587.01	0.00	587.12	4.31	2.85	627.25	655.25
5350.000	1062.00	0.00	0.00	578.80	1730.00	587.54	0.00	587.68	4.89	3.21	746.37	782.07
5612.000	262.00	0.00	0.00	578.80	780.00	585.68	0.00	585.77	3.75	2.30	349.74	402.94
5612.000	262.00	0.00	0.00	578.80	1176.00	586.79	0.00	586.91	4.30	2.78	445.76	566.82
5612.000	262.00	0.00	0.00	578.80	1360.00	587.11	0.00	587.25	4.80	3.04	473.98	621.05
5612.000	262.00	0.00	0.00	578.80	1730.00	587.64	0.00	587.83	5.80	3.53	522.10	718.22
5722.000	110.00	0.00	0.00	578.80	780.00	585.66	0.00	585.87	9.39	3.67	212.33	254.53
5722.000	110.00	0.00	0.00	578.80	1176.00	586.70	0.00	587.05	13.74	4.77	246.78	317.24
5722.000	110.00	0.00	0.00	578.80	1360.00	586.99	0.00	587.43	16.45	5.30	256.40	335.33
5722.000	110.00	0.00	0.00	578.80	1730.00	587.45	0.00	588.08	22.57	6.37	271.47	364.17
5732.000	10.00	0.00	0.00	577.00	780.00	585.75	0.00	585.89	5.27	3.06	254.71	339.72
5732.000	10.00	0.00	0.00	577.00	1176.00	586.83	0.00	587.09	8.54	4.09	287.26	402.48
5732.000	10.00	0.00	0.00	577.00	1360.00	587.15	0.00	587.48	10.42	4.58	296.79	421.25
5732.000	10.00	0.00	0.00	577.00	1730.00	587.67	0.00	588.14	14.63	5.54	312.33	452.25
5768.000	36.00	588.33	584.96	577.00	780.00	585.96	0.00	586.10	4.91	2.99	261.16	351.97
5768.000	36.00	588.33	584.96	577.00	1176.00	587.40	0.00	587.64	7.26	3.86	304.42	436.41
5768.000	36.00	588.33	584.96	577.00	1360.00	587.94	0.00	588.22	8.41	4.24	320.65	469.02
5768.000	36.00	588.33	584.96	577.00	1730.00	589.02	0.00	589.33	8.95	4.58	677.57	578.17
5778.000	10.00	0.00	0.00	578.80	780.00	586.01	0.00	586.11	3.97	2.56	304.92	391.40
5778.000	10.00	0.00	0.00	578.80	1176.00	587.50	0.00	587.65	4.65	3.10	379.59	545.29
5778.000	10.00	0.00	0.00	578.80	1360.00	588.07	0.00	588.24	5.01	3.33	408.00	607.47
5778.000	10.00	0.00	0.00	578.80	1730.00	589.12	0.00	589.34	5.65	3.75	460.75	727.55

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
5798.000	20.00	0.00	0.00	578.80	780.00	586.05	0.00	586.12	3.00	2.13	380.79	450.52
5798.000	20.00	0.00	0.00	578.80	1176.00	587.57	0.00	587.66	2.75	2.42	525.29	709.23
5798.000	20.00	0.00	0.00	578.80	1360.00	588.16	0.00	588.26	2.73	2.55	580.73	822.55
5798.000	20.00	0.00	0.00	578.80	1730.00	589.24	0.00	589.36	2.71	2.79	683.87	1051.08
6174.000	376.00	0.00	0.00	578.80	780.00	586.17	0.00	586.22	2.59	2.00	458.23	484.42
6174.000	376.00	0.00	0.00	578.80	1176.00	587.69	0.00	587.76	2.15	2.16	715.72	802.89
6174.000	376.00	0.00	0.00	578.80	1360.00	588.28	0.00	588.35	2.05	2.24	818.71	950.19
6174.000	376.00	0.00	0.00	578.80	1730.00	589.38	0.00	589.45	1.90	2.37	1010.58	1255.32
6312.000	138.00	0.00	0.00	578.80	780.00	586.20	0.00	586.26	2.72	2.05	403.16	472.70
6312.000	138.00	0.00	0.00	578.80	1176.00	587.71	0.00	587.79	2.49	2.33	562.16	745.99
6312.000	138.00	0.00	0.00	578.80	1360.00	588.29	0.00	588.38	2.47	2.46	623.67	865.86
6312.000	138.00	0.00	0.00	578.80	1730.00	589.38	0.00	589.49	2.45	2.69	736.94	1105.34
6440.000	128.00	0.00	0.00	578.80	780.00	586.20	0.00	586.33	5.02	2.89	269.87	348.05
6440.000	128.00	0.00	0.00	578.80	1176.00	587.68	0.00	587.88	6.36	3.57	329.01	466.40
6440.000	128.00	0.00	0.00	578.80	1360.00	588.25	0.00	588.48	7.00	3.87	351.72	514.08
6440.000	128.00	0.00	0.00	578.80	1730.00	589.30	0.00	589.60	8.16	4.39	393.90	605.52
6450.000	10.00	0.00	0.00	576.99	780.00	586.21	0.00	586.34	57.63	2.99	261.03	102.74
6450.000	10.00	0.00	0.00	576.99	1176.00	587.68	0.00	587.90	76.38	3.76	312.81	134.56
6450.000	10.00	0.00	0.00	576.99	1360.00	588.25	0.00	588.51	85.18	4.09	332.69	147.36
6450.000	10.00	0.00	0.00	576.99	1730.00	589.30	0.00	589.64	101.29	4.68	369.61	171.90
6498.000	48.00	593.02	587.80	576.99	780.00	586.31	0.00	586.47	13.19	3.24	240.53	214.77
6498.000	48.00	593.02	587.80	576.99	1176.00	587.89	0.00	588.10	8.73	3.67	320.20	397.96
6498.000	48.00	593.02	587.80	576.99	1360.00	588.57	0.00	588.81	9.47	3.96	343.81	441.86
6498.000	48.00	593.02	587.80	576.99	1730.00	589.90	0.00	590.21	10.57	4.43	390.59	532.11
6508.000	10.00	0.00	0.00	576.99	780.00	586.35	0.00	586.49	6.67	2.93	266.02	302.02
6508.000	10.00	0.00	0.00	576.99	1176.00	587.90	0.00	588.11	8.71	3.67	320.52	398.54
6508.000	10.00	0.00	0.00	576.99	1360.00	588.58	0.00	588.82	9.45	3.95	344.15	442.50
6508.000	10.00	0.00	0.00	576.99	1730.00	589.92	0.00	590.22	10.54	4.42	390.97	532.86
6532.000	24.00	0.00	0.00	576.99	780.00	586.37	0.00	586.50	6.59	2.92	267.09	303.83
6532.000	24.00	0.00	0.00	576.99	1176.00	587.92	0.00	588.13	8.65	3.66	321.25	399.88
6532.000	24.00	0.00	0.00	576.99	1360.00	588.60	0.00	588.84	9.38	3.94	344.95	444.00
6532.000	24.00	0.00	0.00	576.99	1730.00	589.94	0.00	590.24	10.47	4.41	391.86	534.61
7629.000	1097.00	0.00	0.00	577.40	780.00	586.76	0.00	586.79	1.30	1.58	1092.84	683.77
7629.000	1097.00	0.00	0.00	577.40	1176.00	588.35	0.00	588.37	0.85	1.48	1902.43	1272.27
7629.000	1097.00	0.00	0.00	577.40	1360.00	589.04	0.00	589.06	0.71	1.43	2335.86	1609.41
7629.000	1097.00	0.00	0.00	577.40	1730.00	590.41	0.00	590.42	0.50	1.33	3337.90	2439.89
9498.000	1869.00	0.00	0.00	579.10	780.00	587.10	0.00	587.15	2.99	2.11	785.81	450.81
9498.000	1869.00	0.00	0.00	579.10	1176.00	588.56	0.00	588.58	1.54	1.78	1576.70	949.06
9498.000	1869.00	0.00	0.00	579.10	1360.00	589.21	0.00	589.23	1.17	1.65	1993.52	1259.00
9498.000	1869.00	0.00	0.00	579.10	1730.00	590.52	0.00	590.53	0.71	1.44	2934.31	2055.12

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	TOK*S	VCH	AREA	.01K
11248.000	1750.00	0.00	0.00	579.80	780.00	587.65	0.00	587.76	3.91	2.99	384.54	394.48
11248.000	1750.00	0.00	0.00	579.80	1176.00	588.90	0.00	589.06	4.68	3.65	488.09	543.34
11248.000	1750.00	0.00	0.00	579.80	1360.00	589.47	0.00	589.64	4.82	3.87	536.44	619.68
11248.000	1750.00	0.00	0.00	579.80	1730.00	590.65	0.00	590.85	4.78	4.19	636.88	791.04
11346.000	98.00	0.00	0.00	579.80	780.00	587.64	0.00	587.83	5.79	3.63	251.62	324.08
11346.000	98.00	0.00	0.00	579.80	1176.00	588.84	0.00	589.16	7.68	4.65	299.81	424.27
11346.000	98.00	0.00	0.00	579.80	1360.00	589.39	0.00	589.76	8.27	5.04	321.63	472.94
11346.000	98.00	0.00	0.00	579.80	1730.00	590.52	0.00	590.99	8.89	5.67	366.95	580.29
11356.000	10.00	0.00	0.00	580.10	780.00	587.63	0.00	587.87	44.32	3.98	196.18	117.17
11356.000	10.00	0.00	0.00	580.10	1176.00	588.82	0.00	589.22	62.84	5.09	231.07	148.35
11356.000	10.00	0.00	0.00	580.10	1360.00	589.36	0.00	589.83	69.52	5.51	246.99	163.12
11356.000	10.00	0.00	0.00	580.10	1730.00	590.50	585.71	591.05	74.25	6.00	345.14	200.77
11440.000	84.00	591.06	588.63	580.10	780.00	588.20	0.00	588.46	120.83	4.10	190.40	70.96
11440.000	84.00	591.06	588.63	580.10	1176.00	589.61	0.00	589.94	47.84	4.62	254.34	170.03
11440.000	84.00	591.06	588.63	580.10	1360.00	590.49	0.00	590.86	48.61	4.85	280.44	195.07
11440.000	84.00	591.06	588.63	580.10	1730.00	591.97	0.00	592.00	8.62	2.21	1534.38	589.12
11450.000	10.00	0.00	0.00	579.80	780.00	588.28	0.00	588.48	4.91	3.54	220.13	352.15
11450.000	10.00	0.00	0.00	579.80	1176.00	589.63	0.00	589.95	6.45	4.53	259.45	463.11
11450.000	10.00	0.00	0.00	579.80	1360.00	590.52	0.00	590.87	6.30	4.77	285.06	541.78
11450.000	10.00	0.00	0.00	579.80	1730.00	591.68	0.00	592.14	7.03	5.43	318.77	652.70
11469.000	19.00	0.00	0.00	579.80	780.00	588.29	0.00	588.49	4.88	3.54	220.52	353.18
11469.000	19.00	0.00	0.00	579.80	1176.00	589.65	0.00	589.97	6.42	4.53	259.84	464.26
11469.000	19.00	0.00	0.00	579.80	1360.00	590.53	0.00	590.88	6.27	4.76	285.44	542.97
11469.000	19.00	0.00	0.00	579.80	1730.00	591.69	0.00	592.15	6.99	5.42	319.20	654.18
12898.000	1429.00	0.00	0.00	580.20	780.00	588.95	0.00	588.99	2.52	2.05	891.06	491.03
12898.000	1429.00	0.00	0.00	580.20	1176.00	590.34	0.00	590.36	1.39	1.75	1724.35	999.22
12898.000	1429.00	0.00	0.00	580.20	1360.00	591.17	0.00	591.19	0.89	1.51	2304.95	1440.76
12898.000	1429.00	0.00	0.00	580.20	1730.00	592.39	0.00	592.40	0.59	1.36	3250.73	2252.55
14248.000	1350.00	0.00	0.00	581.70	780.00	589.34	0.00	589.40	3.59	2.45	777.10	411.84
14248.000	1350.00	0.00	0.00	581.70	1176.00	590.56	0.00	590.59	2.10	2.12	1515.08	812.09
14248.000	1350.00	0.00	0.00	581.70	1360.00	591.31	0.00	591.33	1.36	1.82	2034.81	1166.93
14248.000	1350.00	0.00	0.00	581.70	1730.00	592.48	0.00	592.49	0.86	1.59	2913.91	1865.09
15248.000	1000.00	0.00	0.00	582.20	780.00	589.79	0.00	589.89	6.70	2.85	537.27	301.37
15248.000	1000.00	0.00	0.00	582.20	1176.00	590.84	0.00	590.91	4.75	2.76	938.43	539.53
15248.000	1000.00	0.00	0.00	582.20	1360.00	591.49	0.00	591.55	3.30	2.47	1231.87	748.95
15248.000	1000.00	0.00	0.00	582.20	1730.00	592.59	0.00	592.63	2.01	2.15	1935.65	1219.59
16448.000	1200.00	0.00	0.00	582.40	780.00	590.59	0.00	590.78	7.82	3.62	258.35	278.94
16448.000	1200.00	0.00	0.00	582.40	1176.00	591.49	0.00	591.77	9.83	4.46	366.38	375.11
16448.000	1200.00	0.00	0.00	582.40	1360.00	591.96	0.00	592.25	9.65	4.62	441.71	437.77
16448.000	1200.00	0.00	0.00	582.40	1730.00	592.87	0.00	593.13	8.42	4.66	700.82	596.10

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MARSH CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.000	780.00	584.70	0.00	0.00	0.00	248.11	0.00
0.000	1176.00	585.60	0.90	0.00	0.00	340.00	0.00
0.000	1360.00	585.80	0.20	0.00	0.00	340.00	0.00
0.000	1730.00	586.10	0.30	0.00	0.00	340.00	0.00
75.000	780.00	584.72	0.00	0.02	0.00	184.10	75.00
75.000	1176.00	585.62	0.90	0.02	0.00	259.19	75.00
75.000	1360.00	585.82	0.20	0.02	0.00	290.14	75.00
75.000	1730.00	586.12	0.30	0.02	0.00	336.91	75.00
77.000	780.00	584.71	0.00	-0.02	0.00	45.00	2.00
77.000	1176.00	585.62	0.91	0.00	0.00	259.65	2.00
77.000	1360.00	585.82	0.20	0.00	0.00	290.39	2.00
77.000	1730.00	586.13	0.30	0.00	0.00	336.71	2.00
123.000	780.00	584.96	0.00	0.25	0.00	191.95	46.00
123.000	1176.00	585.88	0.92	0.26	0.00	299.86	46.00
123.000	1360.00	586.09	0.21	0.27	0.00	331.87	46.00
123.000	1730.00	586.41	0.32	0.28	0.00	379.98	46.00
125.000	780.00	584.96	0.00	0.00	0.00	191.98	2.00
125.000	1176.00	585.88	0.92	0.00	0.00	299.90	2.00
125.000	1360.00	586.09	0.21	0.00	0.00	331.92	2.00
125.000	1730.00	586.41	0.32	0.00	0.00	380.05	2.00
166.000	780.00	584.96	0.00	0.00	0.00	295.46	41.00
166.000	1176.00	585.89	0.93	0.01	0.00	415.00	41.00
166.000	1360.00	586.11	0.21	0.02	0.00	415.00	41.00
166.000	1730.00	586.44	0.33	0.03	0.00	415.00	41.00
2870.000	780.00	585.27	0.00	0.31	0.00	668.22	2704.00
2870.000	1176.00	586.23	0.96	0.34	0.00	869.99	2704.00
2870.000	1360.00	586.49	0.26	0.38	0.00	923.71	2704.00
2870.000	1730.00	586.90	0.41	0.46	0.00	1010.98	2704.00
4008.000	780.00	585.36	0.00	0.09	0.00	400.00	1138.00
4008.000	1176.00	586.32	0.96	0.09	0.00	400.00	1138.00
4008.000	1360.00	586.58	0.26	0.10	0.00	400.00	1138.00
4008.000	1730.00	587.02	0.43	0.12	0.00	400.00	1138.00
4190.000	780.00	585.37	0.00	0.01	0.00	310.00	182.00
4190.000	1176.00	586.33	0.96	0.01	0.00	310.00	182.00
4190.000	1360.00	586.60	0.27	0.02	0.00	310.00	182.00
4190.000	1730.00	587.04	0.44	0.02	0.00	310.00	182.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4200.000	780.00	585.35	0.00	-0.02	0.00	51.00	10.00
4200.000	1176.00	586.29	0.93	-0.05	0.00	270.41	10.00
4200.000	1360.00	586.54	0.26	-0.06	0.00	320.57	10.00
4200.000	1730.00	586.96	0.42	-0.07	0.00	403.37	10.00
4240.000	780.00	585.39	0.00	0.03	0.00	51.00	40.00
4240.000	1176.00	586.38	1.00	0.10	0.00	289.12	40.00
4240.000	1360.00	586.66	0.27	0.11	0.00	343.04	40.00
4240.000	1730.00	587.11	0.46	0.15	0.00	433.12	40.00
4250.000	780.00	585.41	0.00	0.02	0.00	51.00	10.00
4250.000	1176.00	586.44	1.03	0.06	0.00	301.33	10.00
4250.000	1360.00	586.73	0.28	0.07	0.00	357.00	10.00
4250.000	1730.00	587.19	0.46	0.07	0.00	447.23	10.00
4288.000	780.00	585.41	0.00	0.00	0.00	51.00	38.00
4288.000	1176.00	586.45	1.03	0.01	0.00	302.59	38.00
4288.000	1360.00	586.73	0.28	0.01	0.00	358.49	38.00
4288.000	1730.00	587.20	0.46	0.01	0.00	449.21	38.00
5350.000	780.00	585.59	0.00	0.17	0.00	139.97	1062.00
5350.000	1176.00	586.69	1.10	0.24	0.00	185.42	1062.00
5350.000	1360.00	587.01	0.32	0.28	0.00	225.00	1062.00
5350.000	1730.00	587.54	0.53	0.34	0.00	225.00	1062.00
5612.000	780.00	585.68	0.00	0.10	0.00	80.72	262.00
5612.000	1176.00	586.79	1.10	0.10	0.00	90.00	262.00
5612.000	1360.00	587.11	0.32	0.10	0.00	90.00	262.00
5612.000	1730.00	587.64	0.53	0.11	0.00	90.00	262.00
5722.000	780.00	585.66	0.00	-0.03	0.00	33.00	110.00
5722.000	1176.00	586.70	1.04	-0.09	0.00	33.00	110.00
5722.000	1360.00	586.99	0.29	-0.12	0.00	33.00	110.00
5722.000	1730.00	587.45	0.46	-0.20	0.00	33.00	110.00
5732.000	780.00	585.75	0.00	0.09	0.00	30.00	10.00
5732.000	1176.00	586.83	1.08	0.13	0.00	30.00	10.00
5732.000	1360.00	587.15	0.32	0.16	0.00	30.00	10.00
5732.000	1730.00	587.67	0.52	0.22	0.00	30.00	10.00
5768.000	780.00	585.96	0.00	0.21	0.00	30.00	36.00
5768.000	1176.00	587.40	1.44	0.57	0.00	30.00	36.00
5768.000	1360.00	587.94	0.54	0.80	0.00	30.00	36.00
5768.000	1730.00	589.02	1.08	1.36	0.00	838.16	36.00
5778.000	780.00	586.01	0.00	0.04	0.00	50.00	10.00
5778.000	1176.00	587.50	1.49	0.10	0.00	50.00	10.00
5778.000	1360.00	588.07	0.57	0.12	0.00	50.00	10.00
5778.000	1730.00	589.12	1.06	0.10	0.00	50.00	10.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5798.000	780.00	586.05	0.00	0.04	0.00	90.56	20.00
5798.000	1176.00	587.57	1.52	0.07	0.00	95.00	20.00
5798.000	1360.00	588.16	0.58	0.09	0.00	95.00	20.00
5798.000	1730.00	589.24	1.09	0.12	0.00	95.00	20.00
6174.000	780.00	586.17	0.00	0.12	0.00	148.88	376.00
6174.000	1176.00	587.69	1.53	0.12	0.00	175.00	376.00
6174.000	1360.00	588.28	0.59	0.12	0.00	175.00	376.00
6174.000	1730.00	589.38	1.10	0.13	0.00	175.00	376.00
6312.000	780.00	586.20	0.00	0.03	0.00	105.00	138.00
6312.000	1176.00	587.71	1.51	0.02	0.00	105.00	138.00
6312.000	1360.00	588.29	0.58	0.02	0.00	105.00	138.00
6312.000	1730.00	589.38	1.09	0.01	0.00	105.00	138.00
6440.000	780.00	586.20	0.00	0.00	0.00	40.00	128.00
6440.000	1176.00	587.68	1.48	-0.03	0.00	40.00	128.00
6440.000	1360.00	588.25	0.57	-0.05	0.00	40.00	128.00
6440.000	1730.00	589.30	1.05	-0.08	0.00	40.00	128.00
6450.000	780.00	586.21	0.00	0.01	0.00	35.00	10.00
6450.000	1176.00	587.68	1.48	0.00	0.00	35.00	10.00
6450.000	1360.00	588.25	0.57	0.00	0.00	35.00	10.00
6450.000	1730.00	589.30	1.05	0.00	0.00	35.00	10.00
6498.000	780.00	586.31	0.00	0.10	0.00	35.00	48.00
6498.000	1176.00	587.89	1.58	0.21	0.00	35.00	48.00
6498.000	1360.00	588.57	0.67	0.32	0.00	35.00	48.00
6498.000	1730.00	589.90	1.34	0.60	0.00	35.00	48.00
6508.000	780.00	586.35	0.00	0.04	0.00	35.00	10.00
6508.000	1176.00	587.90	1.55	0.01	0.00	35.00	10.00
6508.000	1360.00	588.58	0.68	0.01	0.00	35.00	10.00
6508.000	1730.00	589.92	1.34	0.01	0.00	35.00	10.00
6532.000	780.00	586.37	0.00	0.02	0.00	35.00	24.00
6532.000	1176.00	587.92	1.56	0.02	0.00	35.00	24.00
6532.000	1360.00	588.60	0.68	0.02	0.00	35.00	24.00
6532.000	1730.00	589.94	1.34	0.03	0.00	35.00	24.00
7629.000	780.00	586.76	0.00	0.40	0.00	428.72	1097.00
7629.000	1176.00	588.35	1.59	0.43	0.00	591.47	1097.00
7629.000	1360.00	589.04	0.69	0.44	0.00	662.37	1097.00
7629.000	1730.00	590.41	1.37	0.47	0.00	802.64	1097.00
9498.000	780.00	587.10	0.00	0.34	0.00	461.17	1869.00
9498.000	1176.00	588.56	1.45	0.20	0.00	611.49	1869.00
9498.000	1360.00	589.21	0.65	0.16	0.00	667.10	1869.00
9498.000	1730.00	590.52	1.31	0.11	0.00	747.50	1869.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11248.000	780.00	587.65	0.00	0.55	0.00	80.63	1750.00
11248.000	1176.00	588.90	1.25	0.34	0.00	85.00	1750.00
11248.000	1360.00	589.47	0.57	0.26	0.00	85.00	1750.00
11248.000	1730.00	590.65	1.18	0.13	0.00	85.00	1750.00
11346.000	780.00	587.64	0.00	-0.01	0.00	40.00	98.00
11346.000	1176.00	588.84	1.20	-0.05	0.00	40.00	98.00
11346.000	1360.00	589.39	0.55	-0.08	0.00	40.00	98.00
11346.000	1730.00	590.52	1.13	-0.12	0.00	40.00	98.00
11356.000	780.00	587.63	0.00	-0.01	0.00	29.50	10.00
11356.000	1176.00	588.82	1.19	-0.03	0.00	29.50	10.00
11356.000	1360.00	589.36	0.54	-0.03	0.00	29.50	10.00
11356.000	1730.00	590.50	1.15	-0.02	0.00	302.38	10.00
11440.000	780.00	588.20	0.00	0.57	0.00	29.50	84.00
11440.000	1176.00	589.61	1.41	0.79	0.00	29.50	84.00
11440.000	1360.00	590.49	0.88	1.13	0.00	29.50	84.00
11440.000	1730.00	591.97	1.47	1.46	0.00	923.23	84.00
11450.000	780.00	588.28	0.00	0.09	0.00	29.00	10.00
11450.000	1176.00	589.63	1.35	0.03	0.00	29.00	10.00
11450.000	1360.00	590.52	0.88	0.03	0.00	29.00	10.00
11450.000	1730.00	591.68	1.16	-0.29	0.00	29.00	10.00
11469.000	780.00	588.29	0.00	0.01	0.00	29.00	19.00
11469.000	1176.00	589.65	1.36	0.01	0.00	29.00	19.00
11469.000	1360.00	590.53	0.88	0.01	0.00	29.00	19.00
11469.000	1730.00	591.69	1.16	0.01	0.00	29.00	19.00
12898.000	780.00	588.95	0.00	0.66	0.00	511.36	1429.00
12898.000	1176.00	590.34	1.39	0.69	0.00	669.23	1429.00
12898.000	1360.00	591.17	0.83	0.64	0.00	731.53	1429.00
12898.000	1730.00	592.39	1.22	0.69	0.00	822.97	1429.00
14248.000	780.00	589.34	0.00	0.39	0.00	495.42	1350.00
14248.000	1176.00	590.56	1.22	0.22	0.00	668.95	1350.00
14248.000	1360.00	591.31	0.75	0.14	0.00	716.58	1350.00
14248.000	1730.00	592.48	1.17	0.09	0.00	790.64	1350.00
15248.000	780.00	589.79	0.00	0.45	0.00	335.22	1000.00
15248.000	1176.00	590.84	1.05	0.27	0.00	417.58	1000.00
15248.000	1360.00	591.49	0.66	0.18	0.00	498.55	1000.00
15248.000	1730.00	592.59	1.10	0.11	0.00	760.00	1000.00
16448.000	780.00	590.59	0.00	0.80	0.00	97.55	1200.00
16448.000	1176.00	591.49	0.90	0.65	0.00	144.59	1200.00
16448.000	1360.00	591.96	0.47	0.46	0.00	182.90	1200.00
16448.000	1730.00	592.87	0.91	0.27	0.00	387.63	1200.00

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SUMMARY OF ERRORS AND SPECIAL NOTES

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FLOOD INSURANCE ZONE DATA FOR MARSH CREEK

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2	0.2
0.000	0.	-1.10	-0.20	0.30
75.000	75.	-1.10	-0.20	0.30
77.000	77.	-1.11	-0.20	0.30
123.000	123.	-1.13	-0.21	0.32
125.000	125.	-1.13	-0.21	0.32
166.000	166.	-1.15	-0.21	0.33
2870.000	2870.	-1.21	-0.26	0.41
4008.000	4008.	-1.23	-0.26	0.43
4190.000	4190.	-1.23	-0.27	0.44
4200.000	4200.	-1.19	-0.26	0.42
4240.000	4240.	-1.27	-0.27	0.46
4250.000	4250.	-1.32	-0.28	0.46
4288.000	4288.	-1.32	-0.28	0.46
5350.000	5350.	-1.42	-0.32	0.53
5612.000	5612.	-1.43	-0.32	0.53
5722.000	5722.	-1.34	-0.29	0.46
5732.000	5732.	-1.40	-0.32	0.52
5768.000	5768.	-1.98	-0.54	1.08
5778.000	5778.	-2.06	-0.57	1.06
5798.000	5798.	-2.11	-0.58	1.09
6174.000	6174.	-2.11	-0.59	1.10
6312.000	6312.	-2.10	-0.58	1.09
6440.000	6440.	-2.05	-0.57	1.05
6450.000	6450.	-2.04	-0.57	1.05
6498.000	6498.	-2.26	-0.67	1.34
6508.000	6508.	-2.23	-0.68	1.34
6532.000	6532.	-2.23	-0.68	1.34
7629.000	7629.	-2.28	-0.69	1.37
9498.000	9498.	-2.11	-0.65	1.31
11248.000	11248.	-1.81	-0.57	1.18
11346.000	11346.	-1.75	-0.55	1.13
11356.000	11356.	-1.73	-0.54	1.15
11440.000	11440.	-2.29	-0.88	1.47
11450.000	11450.	-2.24	-0.88	1.16
11469.000	11469.	-2.24	-0.88	1.16
12898.000	12898.	-2.22	-0.83	1.22
14248.000	14248.	-1.97	-0.75	1.17
15248.000	15248.	-1.70	-0.66	1.10
16448.000	16448.	-1.37	-0.47	0.91

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WEIGHTED AVG FOR REACH -1.76 -0.54 0.93

FHF FOR THE REACH = 020 WITH 74.2 PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 4

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA 10	1	DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
	0.					SEC.	0.000
	75.					SEC.	75.000
	77.					SEC.	77.000
1	100.	584.77	585.88	-1.11	-1.11	010	100.
	123.					SEC.	123.000
	125.					SEC.	125.000
	166.					SEC.	166.000
2	200.	584.90	586.04	-1.14	-1.13	010	100.
3	300.	584.97	586.12	-1.15	-1.13	010	100.
4	400.	584.98	586.13	-1.15	-1.14	010	100.
5	500.	584.99	586.15	-1.16	-1.14	010	100.
6	600.	585.01	586.16	-1.15	-1.14	010	100.
7	700.	585.02	586.18	-1.16	-1.15	010	100.
8	800.	585.03	586.19	-1.16	-1.15	010	100.
9	900.	585.04	586.20	-1.16	-1.15	010	100.
10	1000.	585.05	586.22	-1.17	-1.15	010	100.
11	1100.	585.06	586.23	-1.17	-1.15	010	100.
12	1200.	585.07	586.25	-1.18	-1.16	010	100.
13	1300.	585.09	586.26	-1.17	-1.16	010	100.
14	1400.	585.10	586.27	-1.17	-1.16	010	100.
15	1500.	585.11	586.29	-1.18	-1.16	010	100.
16	1600.	585.12	586.30	-1.18	-1.16	010	100.
17	1700.	585.13	586.32	-1.19	-1.16	010	100.
18	1800.	585.14	586.33	-1.19	-1.16	010	100.
19	1900.	585.15	586.34	-1.19	-1.16	010	100.
20	2000.	585.17	586.36	-1.19	-1.17	010	100.
21	2100.	585.18	586.37	-1.19	-1.17	010	100.
22	2200.	585.19	586.38	-1.19	-1.17	010	100.
23	2300.	585.20	586.40	-1.20	-1.17	010	100.
24	2400.	585.21	586.41	-1.20	-1.17	010	100.
25	2500.	585.22	586.43	-1.21	-1.17	010	100.
26	2600.	585.23	586.44	-1.21	-1.17	010	100.
27	2700.	585.25	586.45	-1.20	-1.17	010	100.
28	2800.	585.26	586.47	-1.21	-1.18	010	100.
	2870.					SEC.	2870.000
29	2900.	585.27	586.48	-1.21	-1.18	010	100.
30	3000.	585.28	586.49	-1.21	-1.18	010	100.
31	3100.	585.28	586.50	-1.22	-1.18	010	100.

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32	3200.	585.29	586.51	-1.22	-1.18	010	100.
33	3300.	585.30	586.52	-1.22	-1.18	010	100.
34	3400.	585.31	586.53	-1.22	-1.18	010	100.
35	3500.	585.32	586.54	-1.22	-1.18	010	100.
36	3600.	585.32	586.54	-1.22	-1.19	010	100.
37	3700.	585.33	586.55	-1.22	-1.19	010	100.
38	3800.	585.34	586.56	-1.22	-1.19	010	100.
39	3900.	585.35	586.57	-1.22	-1.19	010	100.
40	4000.	585.35	586.58	-1.23	-1.19	010	100.
	4008.				SEC.	4008.000	
41	4100.	585.36	586.59	-1.23	-1.19	010	100.
	4190.				SEC.	4190.000	
42	4200.	585.36	586.57	-1.21	-1.19	010	100.
	4200.				SEC.	4200.000	
	4240.				SEC.	4240.000	
	4250.				SEC.	4250.000	
	4288.				SEC.	4288.000	
43	4300.	585.38	586.64	-1.26	-1.19	010	100.
44	4400.	585.42	586.75	-1.33	-1.20	010	100.
45	4500.	585.44	586.78	-1.34	-1.20	010	100.
46	4600.	585.46	586.80	-1.34	-1.20	010	100.
47	4700.	585.47	586.83	-1.36	-1.20	010	100.
48	4800.	585.49	586.85	-1.36	-1.21	010	100.
49	4900.	585.51	586.88	-1.37	-1.21	010	100.
50	5000.	585.52	586.91	-1.39	-1.21	010	100.
51	5100.	585.54	586.93	-1.39	-1.22	010	100.
52	5200.	585.55	586.96	-1.41	-1.22	010	100.
53	5300.	585.57	586.98	-1.41	-1.23	010	100.
	5350.				SEC.	5350.000	
54	5400.	585.59	587.01	-1.42	-1.23	010	100.
55	5500.	585.62	587.05	-1.43	-1.23	010	100.
56	5600.	585.66	587.09	-1.43	-1.24	010	100.
	5612.				SEC.	5612.000	
57	5700.	585.67	587.06	-1.39	-1.24	010	100.
	5722.				SEC.	5722.000	
	5732.				SEC.	5732.000	
	5768.				SEC.	5768.000	
	5778.				SEC.	5778.000	
	5798.				SEC.	5798.000	
58	5800.	585.86	587.59	-1.73	-1.25	010	100.
59	5900.	586.07	588.17	-2.10	-1.26	015	98.
60	6000.	586.10	588.21	-2.11	-1.28	015	97.
61	6100.	586.13	588.24	-2.11	-1.29	015	95.
	6174.				SEC.	6174.000	
62	6200.	586.16	588.27	-2.11	-1.30	015	94.
63	6300.	586.18	588.29	-2.11	-1.32	015	92.
	6312.				SEC.	6312.000	
64	6400.	586.20	588.28	-2.08	-1.33	015	91.
	6440.				SEC.	6440.000	
	6450.				SEC.	6450.000	
	6498.				SEC.	6498.000	
65	6500.	586.26	588.42	-2.16	-1.34	015	89.
	6508.				SEC.	6508.000	
	6532.				SEC.	6532.000	

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66	6600.	586.36	588.60	-2.24	-1.35	015	88.
67	6700.	586.41	588.65	-2.24	-1.37	015	87.
68	6800.	586.45	588.69	-2.24	-1.38	015	85.
69	6900.	586.48	588.73	-2.25	-1.39	015	84.
70	7000.	586.52	588.77	-2.25	-1.41	015	83.
71	7100.	586.56	588.81	-2.25	-1.42	015	82.
72	7200.	586.59	588.85	-2.26	-1.43	015	81.
73	7300.	586.63	588.89	-2.26	-1.44	015	79.
74	7400.	586.66	588.93	-2.27	-1.45	015	78.
75	7500.	586.70	588.97	-2.27	-1.46	015	77.
76	7600.	586.74	589.01	-2.27	-1.47	015	76.
	7629.				SEC.	7629.000	
77	7700.	586.77	589.04	-2.27	-1.48	015	75.
78	7800.	586.79	589.05	-2.26	-1.49	015	74.
79	7900.	586.80	589.06	-2.26	-1.50	015	73.
80	8000.	586.82	589.07	-2.25	-1.51	015	73.
81	8100.	586.84	589.08	-2.24	-1.52	015	72.
82	8200.	586.86	589.09	-2.23	-1.53	015	71.
83	8300.	586.88	589.10	-2.22	-1.54	015	70.
84	8400.	586.89	589.11	-2.22	-1.55	015	69.
85	8500.	586.91	589.12	-2.21	-1.55	015	68.
86	8600.	586.93	589.13	-2.20	-1.56	015	67.
87	8700.	586.95	589.13	-2.18	-1.57	015	67.
88	8800.	586.97	589.14	-2.17	-1.58	015	67.
89	8900.	586.98	589.15	-2.17	-1.58	015	66.
90	9000.	587.00	589.16	-2.16	-1.59	015	66.
91	9100.	587.02	589.17	-2.15	-1.59	015	65.
92	9200.	587.04	589.18	-2.14	-1.60	015	65.
93	9300.	587.06	589.19	-2.13	-1.61	015	69.
94	9400.	587.07	589.20	-2.13	-1.61	015	68.
	9498.				SEC.	9498.000	
95	9500.	587.09	589.20	-2.11	-1.62	015	67.
96	9600.	587.12	589.22	-2.10	-1.62	015	68.
97	9700.	587.15	589.23	-2.08	-1.63	015	70.
98	9800.	587.18	589.25	-2.07	-1.63	015	70.
99	9900.	587.21	589.26	-2.05	-1.64	015	72.
100	10000.	587.24	589.27	-2.03	-1.64	015	72.
101	10100.	587.27	589.29	-2.02	-1.64	015	72.
102	10200.	587.31	589.30	-1.99	-1.65	015	73.
103	10300.	587.34	589.32	-1.98	-1.65	015	73.
104	10400.	587.37	589.33	-1.96	-1.65	015	73.
105	10500.	587.40	589.35	-1.95	-1.66	015	72.
106	10600.	587.43	589.36	-1.93	-1.66	015	73.
107	10700.	587.46	589.38	-1.92	-1.66	015	73.
108	10800.	587.49	589.39	-1.90	-1.66	015	73.
109	10900.	587.53	589.41	-1.88	-1.67	015	72.
110	11000.	587.56	589.42	-1.86	-1.67	015	72.
111	11100.	587.59	589.44	-1.85	-1.67	015	72.
112	11200.	587.62	589.45	-1.83	-1.67	015	72.
	11248.				SEC.	11248.000	
113	11300.	587.64	589.44	-1.80	-1.67	015	73.
	11346.				SEC.	11346.000	
	11356.				SEC.	11356.000	
114	11400.	587.79	589.69	-1.90	-1.67	015	73.

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	11440.				SEC.	11440.000	
	11450.				SEC.	11450.000	
	11469.				SEC.	11469.000	
115	11500.	588.12	590.25	-2.13	-1.68	015	70.
116	11600.	588.33	590.57	-2.24	-1.68	015	70.
117	11700.	588.38	590.61	-2.23	-1.69	015	67.
118	11800.	588.42	590.66	-2.24	-1.69	015	66.
119	11900.	588.47	590.70	-2.23	-1.70	015	61.
120	12000.	588.51	590.75	-2.24	-1.70	015	61.
121	12100.	588.56	590.79	-2.23	-1.70	015	60.
122	12200.	588.60	590.84	-2.24	-1.71	015	58.
123	12300.	588.65	590.88	-2.23	-1.71	015	58.
124	12400.	588.70	590.93	-2.23	-1.72	015	54.
125	12500.	588.74	590.97	-2.23	-1.72	015	54.
126	12600.	588.79	591.01	-2.22	-1.73	015	52.
127	12700.	588.83	591.06	-2.23	-1.73	015	53.
128	12800.	588.88	591.10	-2.22	-1.73	015	53.
	12898.				SEC.	12898.000	
129	12900.	588.93	591.15	-2.22	-1.74	015	58.
130	13000.	588.96	591.18	-2.22	-1.74	015	58.
131	13100.	588.99	591.19	-2.20	-1.74	015	59.
132	13200.	589.02	591.20	-2.18	-1.75	015	62.
133	13300.	589.05	591.21	-2.16	-1.75	015	62.
134	13400.	589.08	591.22	-2.14	-1.75	015	63.
135	13500.	589.11	591.23	-2.12	-1.76	020	66.
136	13600.	589.14	591.24	-2.10	-1.76	020	66.
137	13700.	589.17	591.25	-2.08	-1.76	020	66.
138	13800.	589.20	591.26	-2.06	-1.76	020	67.
139	13900.	589.23	591.27	-2.04	-1.77	020	69.
140	14000.	589.26	591.28	-2.02	-1.77	020	69.
141	14100.	589.29	591.29	-2.00	-1.77	020	70.
142	14200.	589.31	591.30	-1.99	-1.77	020	70.
	14248.				SEC.	14248.000	
143	14300.	589.35	591.32	-1.97	-1.77	020	70.
144	14400.	589.39	591.33	-1.94	-1.77	020	70.
145	14500.	589.43	591.35	-1.92	-1.77	020	70.
146	14600.	589.48	591.37	-1.89	-1.77	020	71.
147	14700.	589.52	591.39	-1.87	-1.78	020	71.
148	14800.	589.57	591.40	-1.83	-1.78	020	71.
149	14900.	589.61	591.42	-1.81	-1.78	020	71.
150	15000.	589.66	591.44	-1.78	-1.78	020	71.
151	15100.	589.70	591.46	-1.76	-1.78	020	72.
152	15200.	589.75	591.48	-1.73	-1.78	020	72.
	15248.				SEC.	15248.000	
153	15300.	589.80	591.50	-1.70	-1.78	020	72.
154	15400.	589.86	591.53	-1.67	-1.77	020	72.
155	15500.	589.93	591.57	-1.64	-1.77	020	72.
156	15600.	589.99	591.61	-1.62	-1.77	020	72.
157	15700.	590.06	591.65	-1.59	-1.77	020	73.
158	15800.	590.13	591.69	-1.56	-1.77	020	73.
159	15900.	590.19	591.73	-1.54	-1.77	020	73.
160	16000.	590.26	591.77	-1.51	-1.77	020	73.
161	16100.	590.32	591.80	-1.48	-1.77	020	73.
162	16200.	590.39	591.84	-1.45	-1.76	020	72.

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163	16300.	590.46	591.88	-1.42	-1.76	C20	72.
164	16400.	590.52	591.92	-1.40	-1.76	020	72.
	16448.				SEC. 16448.000		

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE 202 72 164
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	WEIGHTED AVG DIFFERENCE BETWEEN BASE FLOOD AND		
		10	2	0.2
72	7200.	-1.43	-0.33	0.58

FHF FOR REACH 1 = 015 WITH 81. PERCENT OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 3

164	16400.	-2.02	-0.70	1.21

FHF FOR REACH 2 = 020 WITH 100. PERCENT OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 4

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THIS RUN EXECUTED 3 MAR 84 9:08:58

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  HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
  ERROR CORR -  01,02,03,04,05
  MODIFICATION -  50,51,52,53,54,55
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C
T1      CITY OF WOODHAVEN FLOOD INSURANCE STUDY
T2      100 YEAR FREQUENCY FLOOD
T3      SMITH CREEK
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J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	0.	0.	0.	0.000000	0.00	0.0	345.	593.130	0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	-1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	150.000	201.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.035	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	100 FT UPSTREAM OF VREELAND ROAD SEC 10									
X1	100.000	17.000	100.000	125.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	900.000	0.000	0.000	0.000	0.000
GR	593.700	0.000	593.900	25.000	593.500	50.000	593.800	75.000	593.500	100.000
GR	589.900	107.000	588.500	109.000	588.100	112.000	588.500	116.000	589.900	118.000
GR	593.400	125.000	592.800	150.000	593.000	175.000	592.800	200.000	592.900	225.000
GR	592.900	1125.000	595.000	1126.000	0.000	0.000	0.000	0.000	0.000	0.000
	1600 FT UPSTREAM OF VREELAND ROAD SEC 9									
X1	2350.000	17.000	270.000	300.000	2250.000	2250.000	2250.000	0.000	0.000	0.000
X3	0.000	0.000	0.000	0.000	0.000	700.000	0.000	0.000	0.000	0.000
GR	595.000	0.000	594.400	150.000	594.600	175.000	594.600	200.000	594.400	225.000
GR	594.300	250.000	594.600	265.000	596.600	270.000	594.900	275.000	589.900	283.000
GR	589.200	286.000	589.900	289.000	592.800	294.000	595.500	300.000	594.500	350.000
GR	594.100	400.000	595.000	1500.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	GRASS AND DIRT ROAD SEC 8									
X1	3550.000	13.000	98.500	101.500	1200.000	1200.000	1200.000	0.000	0.000	0.000
GR	595.700	0.000	596.100	98.500	594.110	98.500	593.610	98.600	593.350	98.700
GR	593.350	99.000	593.350	100.000	593.350	101.000	593.350	101.300	593.610	101.400
GR	594.110	101.500	596.100	101.500	595.100	200.000	0.000	0.000	0.000	0.000

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SB	0.000	1.560	2.600	0.000	2.600	0.000	5.500	0.000	593.350	593.350
X1	3564.000	0.000	0.000	0.000	14.000	14.000	14.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	595.610	596.100	0.000	0.000	0.000	0.000	0.000
BT	-13.000	0.000	595.700	595.700	98.500	596.100	596.100	98.500	596.100	594.110
BT	0.000	98.600	596.100	594.610	98.700	596.100	594.870	99.000	596.100	595.120
BT	0.000	100.000	596.100	595.610	101.000	596.100	595.210	101.300	596.100	594.870
ET	0.000	101.400	596.100	594.610	101.500	596.100	594.110	101.500	596.100	596.100
ET	0.000	200.000	595.100	595.100	0.000	0.000	0.000	0.000	0.000	0.000
	DOWNSTREAM SIDE RR TRACKS SEC 7									
X1	3781.000	17.000	115.000	134.000	217.000	217.000	217.000	0.000	-1.330	0.000
X4	5.000	593.900	121.800	593.900	122.500	593.800	123.000	593.800	123.500	593.700
X4	124.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	595.500	0.000	593.300	9.000	595.200	15.000	596.200	40.000	596.300	65.000
GR	596.900	90.000	596.700	115.000	594.100	121.000	594.000	121.500	593.600	124.500
GR	594.000	127.000	594.100	128.000	597.400	134.000	596.900	160.000	596.700	185.000
GR	596.500	210.000	596.200	235.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.000	3.600	2.600	0.000	2.400	0.000	7.000	0.000	591.970	591.970
	DIRT ROAD SEC 5									
X1	4500.000	0.000	0.000	0.000	719.000	719.000	719.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	594.970	600.800	0.000	0.000	0.000	0.000	0.000
ET	-12.000	0.000	600.190	600.190	121.500	600.800	600.800	121.500	600.800	593.400
ET	0.000	121.800	600.800	594.400	122.500	600.800	594.900	123.000	600.800	594.970
ET	0.000	123.500	600.800	594.900	124.200	600.800	594.400	124.500	600.800	593.600
ET	0.000	124.500	600.800	600.800	210.000	600.900	600.900	235.000	601.700	601.700
NC	0.000	0.000	0.000	0.100	0.300	0.000	0.000	0.000	0.000	0.000
	SEC 4									
X1	4541.000	0.000	0.000	0.000	41.000	41.000	41.000	0.000	1.330	0.000
	SEC 3									
X1	5900.000	14.000	111.000	125.000	1359.000	1359.000	1359.000	0.000	0.000	0.000
GR	596.600	0.000	596.500	25.000	596.600	50.000	596.500	75.000	596.700	100.000
GR	596.800	111.000	594.400	115.000	593.900	117.000	594.400	119.000	596.600	125.000
GR	596.600	150.000	596.500	175.000	596.100	200.000	596.300	225.000	0.000	0.000
	100 FT DOWNSTREAM VAN HORN ROAD SEC 2									
X1	6900.000	14.000	106.000	125.000	1000.000	1000.000	1000.000	0.000	0.000	0.000
GR	597.800	0.000	597.600	25.000	597.400	50.000	597.400	75.000	597.700	100.000
GR	598.200	106.000	595.400	112.000	594.500	115.500	595.400	119.000	598.000	125.000
GR	597.000	150.000	597.000	175.000	597.300	225.000	597.400	250.000	0.000	0.000
NC	0.000	0.000	0.000	0.300	0.500	0.000	0.000	0.000	0.000	0.000
	VAN HORN ROAD SEC 1									
X1	7000.000	9.000	50.000	150.000	100.000	100.000	100.000	0.000	0.000	0.000
GR	597.500	0.000	598.200	50.000	596.500	94.500	595.900	95.500	595.700	97.750
GR	595.900	99.000	596.200	100.000	598.600	150.000	597.900	200.000	0.000	0.000

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SB	0.000	1.560	2.600	0.000	5.500	0.000	14.000	0.000	595.700	595.700
X1	7016.500	0.000	0.000	0.000	16.500	16.500	16.500	0.000	0.000	0.000
X2	0.000	0.000	1.000	598.630	599.400	0.000	0.000	0.000	0.000	0.000
BT	6.000	50.000	598.200	598.200	94.500	599.400	596.500	94.500	599.400	598.630
BT	97.750	599.400	598.550	100.000	599.400	598.470	100.000	599.400	596.200	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

CCHV= 0.100 CEHV= 0.300

*SECNO 100.000

3265 DIVIDED FLOW

3470 ENCROACHMENT STATIONS= 0.0 900.0 TYPE= 1 TARGET= 899.999

100 FT UPSTREAM OF VREELAND ROAD SEC 10

100.00	5.03	593.13	593.08	593.13	593.33	0.20	0.00	0.00	593.50
345.	0.	277.	68.	0.	76.	176.	0.	0.	593.40
0.00	0.00	3.95	0.39	0.070	0.035	0.070	0.000	588.10	100.72
0.002334	0.	0.	0.	0	5	0	0.00	787.49	900.00

*SECNO 2350.000

3265 DIVIDED FLOW

3280 CROSS SECTION 2350.00 EXTENDED 0.20 FEET

3470 ENCROACHMENT STATIONS= 0.0 700.0 TYPE= 1 TARGET= 699.999

1600 FT UPSTREAM OF VREELAND ROAD SEC 9

2350.00	6.00	595.20	0.00	0.00	595.22	0.02	1.88	0.02	596.60
345.	50.	147.	148.	159.	82.	352.	22.	38.	595.50
0.63	0.32	1.78	0.42	0.070	0.035	0.070	0.000	589.20	0.00
0.000424	2250.	2250.	2250.	6	0	0	0.00	676.95	700.00

CCHV= 0.300 CEHV= 0.500

*SECNO 3550.000

3280 CROSS SECTION 3550.00 EXTENDED 1.46 FEET

GRASS AND DIRT ROAD SEC 8

3550.00	3.21	596.56	0.00	0.00	596.66	0.09	1.40	0.04	596.10
345.	105.	45.	195.	65.	10.	95.	32.	50.	596.10
0.78	1.61	4.73	2.06	0.070	0.035	0.070	0.000	593.35	0.00
0.010109	1200.	1200.	1200.	2	0	0	0.00	200.00	200.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRITWS	WSELK	EG	HV	HL	QLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.60	0.00	2.60	0.00	5.50	0.00	593.35	593.35

*SECNO 3564.000
3280 CROSS SECTION 3564.00 EXTENDED 1.51 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELIRD
691.87	596.66	0.00	334.	13.	6.	6.	595.61	596.10

3564.00	3.26	596.61	0.00	0.00	596.69	0.08	0.03	0.00	596.10
345.	108.	42.	194.	70.	10.	39.	32.	50.	596.10
0.78	1.55	4.39	1.95	0.070	0.035	0.070	0.000	593.35	0.00
0.008546	14.	14.	14.	2	0	9	0.00	200.00	200.00

*SECNO 3781.000
3280 CROSS SECTION 3781.00 EXTENDED 2.75 FEET

DOWNSTREAM SIDE RR TRACKS SEC 7

3781.00	4.94	596.91	0.00	0.00	596.92	0.01	0.21	0.02	595.37
345.	173.	90.	82.	250.	59.	153.	34.	51.	596.07
0.85	0.69	1.53	0.53	0.070	0.035	0.070	0.000	591.97	0.00
0.000358	217.	217.	217.	3	0	0	0.00	235.00	235.00

SPECIAL BRIDGE

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	3.60	2.60	0.00	2.40	0.00	7.00	0.00	591.97	591.97

*SECNO 4500.000
3280 CROSS SECTION 4500.00 EXTENDED 7.10 FEET

PRESSURE AND WEIR FLOW

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
732.70	596.92	0.00	284.	62.	7.	7.	594.97	600.80

DIRT ROAD SEC 5

4500.00	9.30	601.27	0.00	0.00	601.27	0.00	4.35	0.00	595.37
345.	163.	62.	120.	751.	142.	593.	50.	55.	596.07
1.65	0.22	0.44	0.20	0.070	0.035	0.070	0.000	591.97	0.00
0.000009	719.	719.	719.	0	0	10	0.00	235.00	235.00

CCHV= 0.100 CEHV= 0.300
*SECNO 4541.000
3280 CROSS SECTION 4541.00 EXTENDED 5.78 FEET

SEC 4

4541.00	7.97	601.27	0.00	0.00	601.27	0.00	0.00	0.00	596.70
345.	164.	66.	115.	598.	117.	460.	51.	55.	597.40
1.68	0.27	0.56	0.25	0.070	0.035	0.070	0.000	593.30	0.00
0.000020	41.	41.	41.	0	0	0	0.00	235.00	235.00

*SECNO 5900.000
3280 CROSS SECTION 5900.00 EXTENDED 4.99 FEET

SEC 3

5900.00	7.40	601.30	0.00	0.00	601.30	0.00	0.03	0.00	596.80
345.	148.	57.	141.	523.	86.	488.	87.	62.	596.60
2.77	0.28	0.66	0.29	0.070	0.035	0.070	0.000	593.90	0.00
0.000024	1359.	1359.	1359.	0	0	0	0.00	225.00	225.00

*SECNO 6900.000
3280 CROSS SECTION 6900.00 EXTENDED 3.92 FEET

100 FT DOWNSTREAM VAN HORN ROAD SEC 2

6900.00	6.83	601.33	0.00	0.00	601.33	0.00	0.03	0.00	598.20
345.	116.	70.	158.	399.	99.	512.	111.	68.	598.00
3.49	0.29	0.71	0.31	0.070	0.035	0.070	0.000	594.50	0.00
0.000034	1000.	1000.	1000.	0	0	0	0.00	250.00	250.00

PRINTED IN U.S.A.

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

CCHV= 0.300 CEHV= 0.500
*SECNO 7000.000
3280 CROSS SECTION 7000.00 EXTENDED 3.83 FEET

VAN HORN ROAD SEC 1

7000.00	5.63	601.33	0.00	0.00	601.34	0.01	0.00	0.00	598.20
345.	48.	258.	39.	174.	404.	154.	113.	68.	598.60
3.55	0.28	0.64	0.26	0.070	0.035	0.070	0.000	595.70	0.00
0.000035	100.	100.	100.	0	0	0	0.00	200.00	200.00

SPECIAL BRIDGE

SB	XK	XKOR	CCFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	0.00	1.56	2.60	0.00	5.50	0.00	14.00	0.00	595.70	595.70

*SECNO 7016.500
3280 CROSS SECTION 7016.50 EXTENDED 4.03 FEET

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
616.04	601.34	0.00	305.	40.	14.	16.	598.63	599.40

7016.50	5.83	601.53	0.00	0.00	601.53	0.00	0.20	0.00	598.20
345.	48.	257.	40.	184.	424.	164.	113.	68.	598.60
3.55	0.26	0.61	0.24	0.070	0.035	0.070	0.000	595.70	0.00
0.000030	17.	17.	17.	0	0	7	0.00	200.00	200.00

PRINTED IN U.S.A.

THIS RUN EXECUTED 3 MAR 84 9:09:07

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HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
****

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

SMITH CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
100.000	593.13	0.00	593.33	787.49	0.00	277.05	67.95	900.00	0.00	100.00	125.00	900.00
2350.000	595.20	0.00	595.22	676.95	50.38	146.64	147.98	700.00	0.00	270.00	300.00	700.00
3550.000	596.56	0.00	596.66	200.00	105.01	44.95	195.04	0.00	0.00	98.50	101.50	0.00
3564.000	596.61	0.00	596.69	200.00	108.35	42.36	194.28	0.00	0.00	98.50	101.50	0.00
3781.000	596.91	0.00	596.92	235.00	172.95	90.42	81.63	0.00	0.00	115.00	134.00	0.00
4500.000	601.27	0.00	601.27	235.00	163.16	62.21	119.63	0.00	0.00	115.00	134.00	0.00
4541.000	601.27	0.00	601.27	235.00	164.33	65.66	115.01	0.00	0.00	115.00	134.00	0.00
5900.000	601.30	0.00	601.30	225.00	147.95	56.52	140.54	0.00	0.00	111.00	125.00	0.00
6900.000	601.33	0.00	601.33	250.00	116.43	70.35	158.21	0.00	0.00	106.00	125.00	0.00
7000.000	601.33	0.00	601.34	200.00	48.03	257.58	39.39	0.00	0.00	50.00	150.00	0.00
7016.500	601.53	0.00	601.53	200.00	48.33	256.57	40.10	0.00	0.00	50.00	150.00	0.00

PRINTED IN U.S.A.

SMITH CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
100.000	0.00	0.00	0.00	588.10	345.00	593.13	593.08	593.33	23.34	3.95	246.12	71.42
2350.000	2250.00	0.00	0.00	589.20	345.00	595.20	0.00	595.22	4.24	1.78	593.23	167.59
3550.000	1200.00	0.00	0.00	593.35	345.00	596.56	0.00	596.66	101.09	4.73	169.40	34.31
3564.000	14.00	596.10	595.61	593.35	345.00	596.61	0.00	596.69	85.46	4.39	178.91	37.32
3781.000	217.00	0.00	0.00	591.97	345.00	596.91	0.00	596.92	3.58	1.53	462.21	182.28
4500.000	719.00	600.80	594.97	591.97	345.00	601.27	0.00	601.27	0.09	0.44	1485.94	1138.57
4541.000	41.00	0.00	0.00	593.30	345.00	601.27	0.00	601.27	0.20	0.56	1174.90	779.42
5900.000	1359.00	0.00	0.00	593.90	345.00	601.30	0.00	601.30	0.24	0.66	1097.08	709.74
6900.000	1000.00	0.00	0.00	594.50	345.00	601.33	0.00	601.33	0.34	0.71	1010.04	596.05
7000.000	100.00	0.00	0.00	595.70	345.00	601.33	0.00	601.34	0.35	0.64	731.85	580.61
7016.500	16.50	599.40	598.63	595.70	345.00	601.53	0.00	601.53	0.30	0.61	772.20	632.27

PRINTED IN U.S.A.

SMITH CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
100.000	345.00	593.13	0.00	0.00	0.00	787.49	0.00
2350.000	345.00	595.20	0.00	2.07	0.00	676.95	2250.00
3550.000	345.00	596.56	0.00	1.37	0.00	200.00	1200.00
3564.000	345.00	596.61	0.00	0.05	0.00	200.00	14.00
3781.000	345.00	596.91	0.00	0.30	0.00	235.00	217.00
4500.000	345.00	601.27	0.00	4.36	0.00	235.00	719.00
4541.000	345.00	601.27	0.00	0.00	0.00	235.00	41.00
5900.000	345.00	601.30	0.00	0.03	0.00	225.00	1359.00
6900.000	345.00	601.33	0.00	0.03	0.00	250.00	1000.00
7000.000	345.00	601.33	0.00	0.00	0.00	200.00	100.00
7016.500	345.00	601.53	0.00	0.20	0.00	200.00	16.50

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SUMMARY OF ERRORS AND SPECIAL NOTES

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