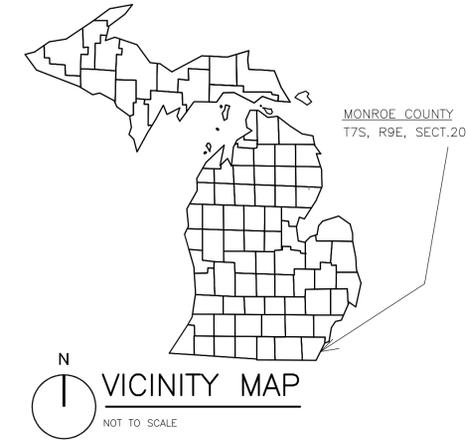


BOLLES HARBOR BAS

MONROE COUNTY, MICHIGAN

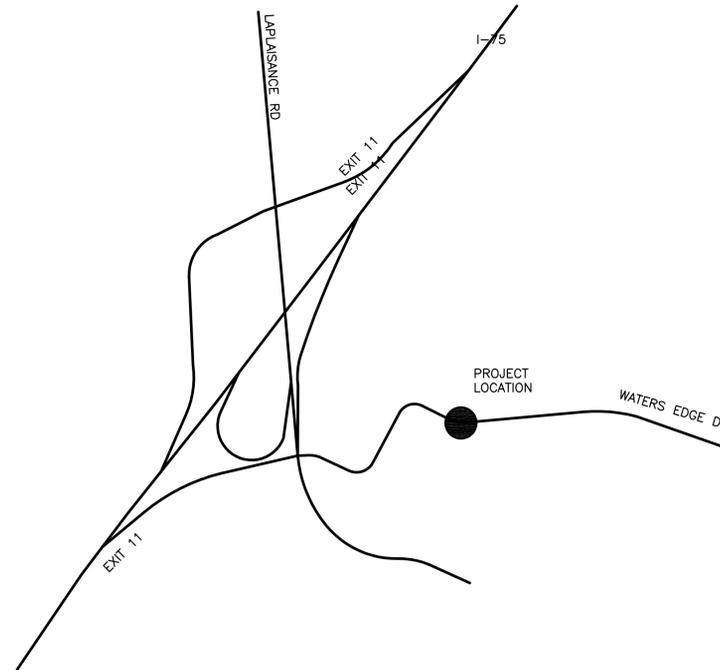
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
PARKS AND RECREATION DIVISION

CULVERT REPLACEMENT
MDNR PROJECT NO. 27-9098



STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES
OFFICE OF LAND AND FACILITIES
DESIGN & CONSTRUCTION SECTION
P.O. BOX 30033 LANSING, MI 48909-7933
517.241.1919 VOICE 517.241.4278 FAX

BIDS & CONSTRUCTION
90% OWNER REVIEW
50% OWNER REVIEW



DRAWING INDEX

GENERAL

T TITLE SHEET

CIVIL

C1 SITE PLAN



GENERAL NOTES

1. THIS DRAWING INDICATES THE APPROXIMATE LOCATION OF KNOWN UNDERGROUND UTILITIES BASED UPON A COMBINATION OF ORIGINAL AND AS-BUILT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE TO HAND DIG, IDENTIFY AND LOCATE ALL EXISTING UNDERGROUND UTILITIES PRIOR TO DEMOLITION OR CONSTRUCTION.
2. IF ANY ARTIFACTS ARE DISCOVERED DURING THE CONSTRUCTION PROCESS ALL WORK IS TO STOP AND THE OFFICE OF THE STATE ARCHEOLOGIST SHALL BE NOTIFIED.
3. BIDS FOR CONSTRUCTION OF ALL WORK SHOWN ON THE PLANS ARE SOLICITED ON A LUMP SUM BASIS. NO SEPARATE PAYMENT OR ADJUSTMENTS TO THE LUMP SUM BID WILL BE MADE UNLESS SPECIFICALLY INDICATED ON THE PLANS AND IN THE PROPOSAL OR WHEN ADDITIONAL WORK IS AUTHORIZED IN WRITING BY THE ENGINEER.
4. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ANY DEVIATION FROM THIS PLAN.

PERMITS REQUIREMENTS

1. MDEQ (NAME TYPE FROM JOINT PERMIT APPLICATION) PERMIT FROM THE MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY.
2. SOIL EROSION AND SEDIMENT CONTROL NOTICE TO PROCEED FROM THE MICHIGAN DEPARTMENT OF NATURAL RESOURCES

CONTACT INFORMATION

- MDNR DESIGN & CONSTRUCTION UNIT.....(517)-241-1919
- MDNR PARK/SITE SUPERVISOR.....(734)-289-2715
- MDNR DISTRICT PLANNER.....(248)-359-9061
- UTILITY DTE.....(734)-384-2311

OFFICE OF LAND AND FACILITIES
DESIGN & CONSTRUCTION SERVICES

APPROVED: _____ SECTION MANAGER _____ DATE _____

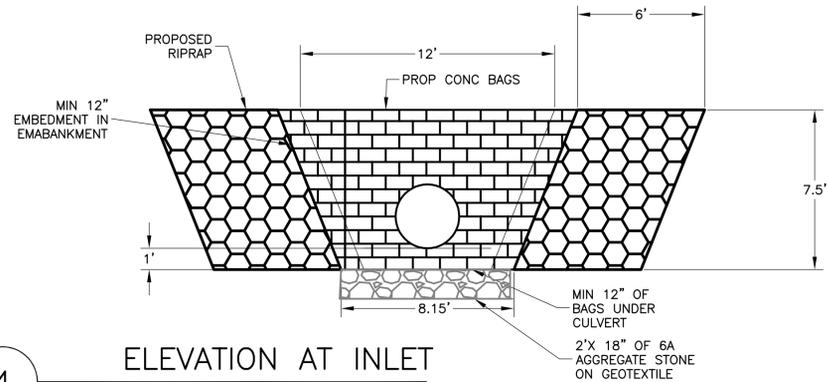
APPROVED: _____ ENGINEERING SUPERVISOR _____ DATE _____

CULVERT REPLACEMENT
BOLLES HARBOR
B.A.S.
MONROE COUNTY

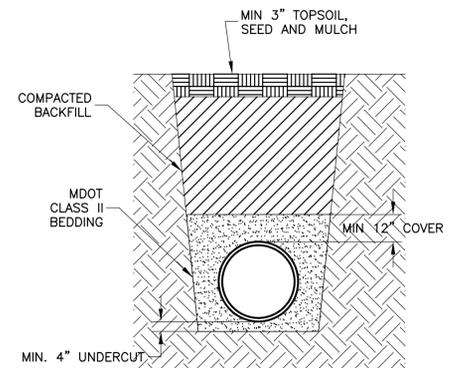
TITLE SHEET

PROJECT NO. 27-9098
INDEX 59150
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PROJ. MGR. AS

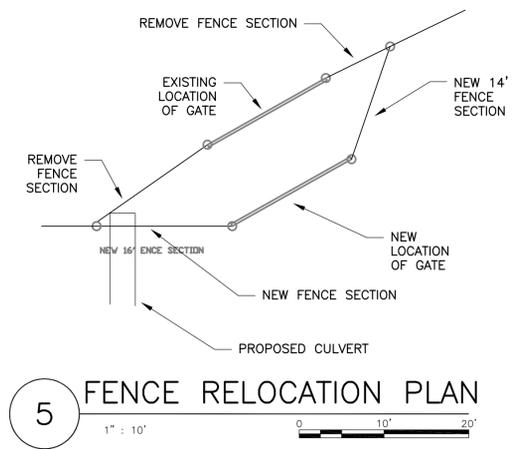
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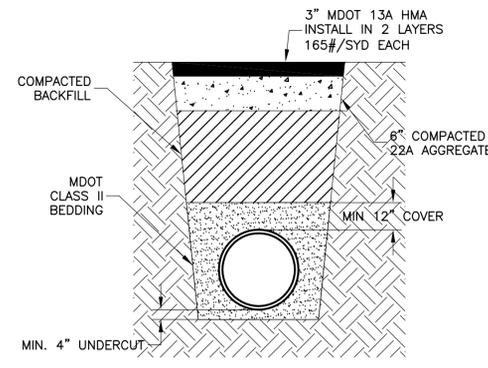
4 ELEVATION AT INLET
N.T.S.



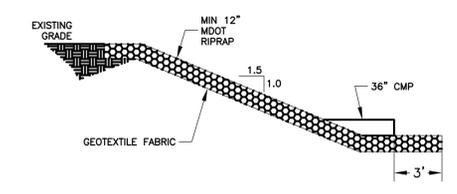
3 TRENCH DETAIL-PAVING
N.T.S.



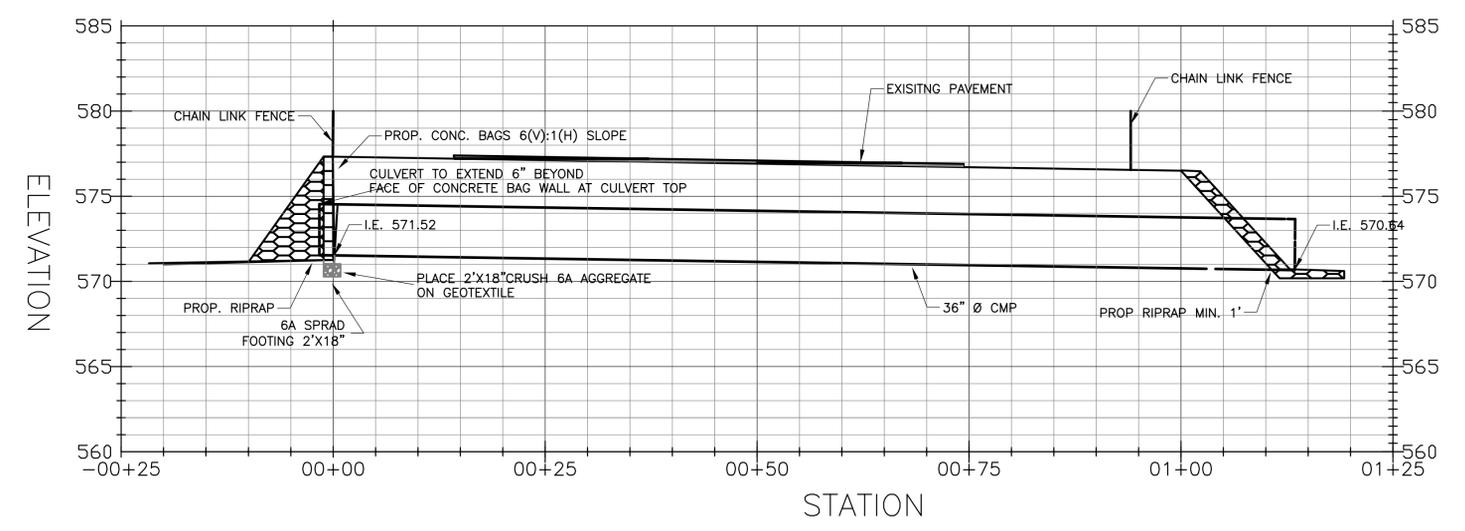
5 FENCE RELOCATION PLAN
1" : 10'



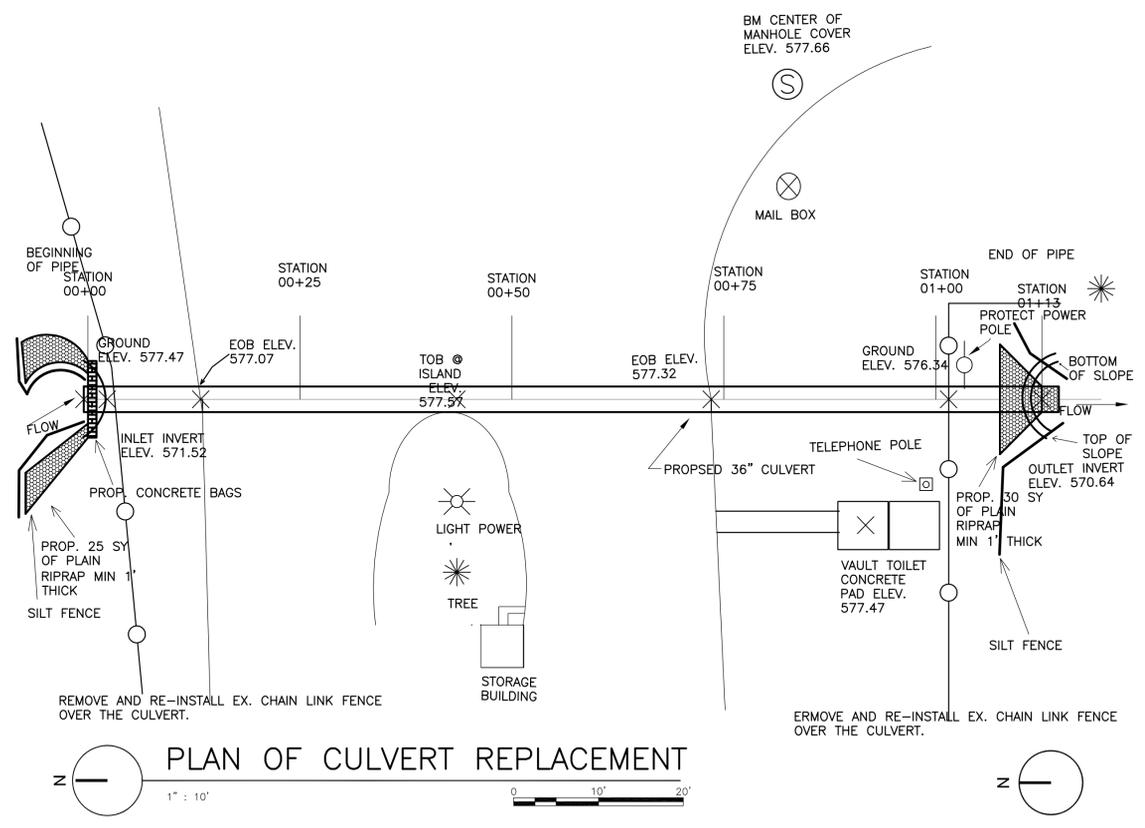
2 TRENCH DETAIL-PAVING
N.T.S.



1 SECTION THROUGH OUTLET
N.T.S.



A PROFILE VIEW
HORIZ. SCALE - 1" : 10'
VERT. SCALE - 1" : 5'



PLAN OF CULVERT REPLACEMENT
1" : 10'

- NOTE:**
1. SOIL EROSION AND SEDIMENTATION CONTROL PLAN AND INSPECTIONS WILL BE PROVIDED BY PARKS AND RECREATION DIVISION CERTIFIED STAFF. SOIL EROSION AND SEDIMENTATION CONTROL WILL BE THE RESPONSIBILITY OF PARKS AND RECREATION DIVISION.
 2. ONE LANE OF THE ENTRANCE ROAD SHALL BE OPEN DURING CONSTRUCTION WORK AND SITE SHALL BE ACCESSIBLE.
 3. REMOVE EXISTING CULVERT AND END SECTIONS.
 4. PROPOSED CULVERT TO BE INSTALLED AT SAME LOCATION OF EXISTING CULVERT
 5. ELECTRICAL LINES/CONDUIT CROSS THE CULVERT LOCATION CONTRACTOR TO PROTECT OR REMOVE AND REINSTALL AT NO ADDITIONAL COST TO OWNER.
 6. PHONE LINES/CONDUIT CROSS THE CULVERT LOCATION CONTRACTOR TO PROTECT OR REMOVE AND REINSTALL AT NO ADDITIONAL COST TO OWNER.
 7. SHOULD POWER POLE BECOME UNSTABLE DURING CONSTRUCTION WORK CONTACT CONSUMERS ENERGY AT 800-272-5122
 8. CONTACT MISS DIG 72 HOURS BEFORE YOU DIG AT 800-482-7171

11/03/09	BIDS & CONSTRUCTION
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INDEX	59150
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PROJ. MGR.	AS