1396

Development of Roughness Thresholds for the Preventive Maintenance of Pavements based on Dynamic Loading Considerations and Damage Analysis

Karim Chatti, Ph.D.
Doseung Lee, M.S.
Gilbert Y. Baladi, Ph.D., P.E.

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List of Rigid Pavement Sections used for Dynamic Load-Related Distress Analysis
Data Set #1

0<DI<10 RQI<50

Route No.	CS	M.P.	Year
EB I-69	76024	0.0-0.5	93
EB I-69	76024	2.5-3.0	93
EB I-69	76024	3.0-3.5	93
EB I-69	76024	0.0-0.5	95
EB I-69	76024	0.5-1.0	95
EB I-69	76024	1.5-2.0	95
EB I-69	76024	2.5-3.0	95
EB I-69	76024	3.0-3.5	95
EB US-10	18024	3.0-3.5	93
EB US-10	18024	4.0-4.5	93
WB US-10	18024	4.0-4.5	93

0<DI<10 RQI>65

Route No.	CS	M.P.	Year
EB US-2	21022	6.5-7.0	93
EB US-2	21022	8.0-8.5	93
WB US-2	21022	8.0-8.5	93
NB US-31	70014	4.5-5.0	93
NB US-31	70014	4.5-5.0	95
NB US-31	70014	5.0-5.5	95
WB US-2	21025	0.5-1.0	93
WB US-2	21025	5.5-6.0	93
WB I-196	70023	1.0-1.5	94
WB I-196	70023	2.5-3.0	94

10<DI<20 RQI<55

Route No.	CS	M.P.	Year
EB US-10	18024	5.0-5.5	93
EB US-10	18024	5.5-6.0	93
EB US-10	18024	6.0-6.5	93
WB US-10	18024	2.5-3.0	93
WB US-10	18024	4.5-5.0	93
WB US-10	18024	4.5-5.0	95
EB US-2	21025	1.0-1.5	93
EB US-2	21025	2.5-3.0	93
EB US-2	21025	1.0-1.5	95
EB US-2	21025	2.0-2.5	95
EB US-2	21025	2.5-3.0	95
WB US-2	21025	4.5-5.0	93
WB US-2	21025	1.5-2.0	95
WB US-2	21025	2.0-2.5	95
WB US-2	21025	2.5-3.0	95
WB US-2	21025	4.0-4.5	95
WB US-2	21025	4.5-5.0	95

List of Rigid Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #1(Continued)

10<DI<20 RQI>70

Route No.	CS	M.P.	Year
EB I-94	11017	2.5-3.0	93
EB I-94	11017	4.0-4.5	93
EB I-94	11017	1.5-2.0	95
WB I-196	70023	1.5-2.0	94
WB I-196	70023	2.0-2.5	94
WB I-196	70023	3.0-3.5	94
WB I-196	70023	4.0-4.5	94
WB I-196	70023	1.0-1.5	96
WB I-196	70023	1.5-2.0	96
WB I-196	70023	2.0-2.5	96
WB I-196	70023	3.0-3.5	96
WB I-196	70023	3.5-4.0	96
WB I-196	70023	4.0-4.5	96
NB US-24	63031	0.0-0.5	92
WB US-2	21025	0.0-0.5	93
WB US-2	21025	5.0-5.5	93
WB US-2	21025	0.0-0.5	95

20<DI<30 RQI<65

Route No.	CS	M.P.	Year
WB US-10	18024	2.5-3.0	95
WB US-10	18024	5.0-5.5	95
WB US-10	18024	7.0-7.5	95
WB US-2	21025	1.0-1.5	95

10<DI<20 RQI>80

Route No.	CS	M.P.	Year
EB I-94	11017	3.5-4.0	93
EB I-94	11017	5.0-5.5	93
EB I-94	11017	1.0-1.5	95
WB US-2	21022	5.5-6.0	93

30<DI<40 RQI<60

Route No.	CS	M.P.	Year
EB US-10	18024	3.0-3.5	95
EB US-10	18024	3.5-4.0	95
EB US-10	18024	6.0-6.5	95
WB US-10	18024	5.5-6.0	95

List of Rigid Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #1(Continued)

30<DI<40 RQI>75

Route No.	CS	M.P.	Year
EB I-94	11017	3.5-4.0	95
EB I-94	11017	5.0-5.5	95
WB I-196	70023	0.0-0.5	94
WB I-196	70023	0.0-0.5	96

List of Composite Pavement Sections used for Dynamic Load-Related Distress Analysis
Data Set #1

10<DI<20 RQI<40

Route No.	CS	M.P.	Year
EB I-94	38101	2.5-3.0	93
EB I-94	38101	3.0-3.5	93
EB I-94	38101	3.5-4.0	93
EB I-94	38101	5.5-6.0	93
EB I-94	38101	7.5-8.0	93
EB I-94	38101	8.0-8.5	93
M-21	76062	3.5-4.0	94
M-21	76062	5.0-5.5	94
M-21	76062	5.5-6.0	94

10<DI<20 RQI<55

Route No.	CS	M.P.	Year
NB US-127	38131	0.0-0.5	93
NB US-127	38131	0.0-0.5	95
NB US-127	38131	2.5-3.0	95
WB US-2	21022	0.0-0.5	95
WB US-2	21022	0.5-1.0	95
WB US-2	21022	1.0-1.5	95
WB US-2	21022	1.5-2.0	95
M-52	76012	7.5-8.0	94

20<DI<30 RQI<40

Route No.	CS	M.P.	Year
EB I-94	38101	1.5-2.0	93
NB US-127	38131	2.0-2.5	93
M-95	22012	13.5-14.0	94
M-21	76062	4.0-4.5	94
M-21	76062	4.5-5.0	94

20<DI<30 RQI>60

Route No.	CS	M.P.	Year
M-52	76012	5.5-6.0	96
M-52	76012	7.0-7.5	96
M-52	76012	7.5-8.0	96
M-95	22012	14.0-14.5	96

30<DI<40 RQI<45

Route No.	CS	M.P.	Year
SB US-131	78012	0.5-1.0	95
SB US-131	78012	1.5-2.0	95
M-95	22012	10.5-11.0	92
M-95	22012	11.0-11.5	94
M-95	22012	12.5-13.0	94

List of Composite Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #1 (Continued)

30<DI<40 RQI>60

Route No.	CS	M.P.	Year
M-95	22012	11.0-11.5	96
M-95	22012	13.0-13.5	96
M-95	22012	13.5-14.0	96
M-21	76062	3.0-3.5	96
M-115	18011	3.5-4.0	94
M-115	18011	6.0-6.5	94
M-115	18011	3.5-4.0	96

40<DI<50 RQI<55

Route No.	CS	M.P.	Year
SB US-131	78012	1.0-1.5	95
SB US-131	78012	7.5-8.0	95
M-21	76062	10.0-10.5	96
M-21	76062	11.0-11.5	96

40<DI<50 RQI>62

Route No.	CS	M.P.	Year
SB US-131	78012	6.5-7.0	95
SB US-131	78012	8.5-9.0	95
M-21	76062	8.0-8.5	96
M-95	22012	12.5-13.0	96

List of Flexible Pavement Sections used for Dynamic Load-Related Distress Analysis
Data Set #1

10<DI<20 RQI<35

Route No.	CS	M.P.	Year
EB I-96	33084	16.5-17.0	95
M-30	26032	1.0-1.5	92
M-30	26032	1.5-2.0	92
M-30	26032	6.0-6.5	92
M-30	26032	6.5-7.0	92
M-30	26032	8.0-8.5	92
M-30	26032	8.5-9.0	92
M-28	31021	1.0-1.5	93
M-28	31021	6.0-6.5	93
M-28	31021	7.5-8.0	93
M-57	25102	6.5-7.0	92
M-57	25102	9.0-9.5	92

10<DI<20 RQI>55

Route No.	CS	M.P.	Year
M-36	47041	14.5-15.0	92
M-36	47041	15.0-15.5	92
M-36	47041	17.0-17.5	92
M-36	47041	17.5-18.0	92
M-36	47041	18.0-18.5	92
M-36	47041	18.5-19.0	92
M-36	47041	20.5-21.0	92
M-65	35012	7.5-8.0	94

20<DI<30 RQI<40

Route No.	CS	M.P.	Year
EB US-10	09101	1.5-2.0	95
M-28	31021	2.0-2.5	93
M-28	31021	3.5-4.0	93
M-28	31021	8.5-9.0	93
M-57	29022	8.5-9.0	96

20<DI<30 RQI<60

Route No.	CS	M.P.	Year
NB US-23	47041	15.5-16.0	92
NB US-23	47041	16.5-17.0	92
NB US-23	47041	21.5-22.0	92
M-95	22013	8.5-9.0	94

List of Flexible Pavement Sections used for Dynamic Load-Related Distress Analysis
Data Set #1 (Continued)

30<DI<40 RQI<40

Route No.	CS	M.P.	Year
EB US-10	09101	2.0-2.5	95
EB US-10	09101	3.5-4.0	95
EB US-10	09101	4.0-4.5	95
EB US-10	09101	4.5-5.0	95
NB US-27	72014	7.5-8.0	93
M-57	29022	6.5-7.0	96
M-57	29022	8.0-8.5	96
M-57	25102	1.5-2.0	92
M-28	31021	8.0-8.5	93

30<DI<40 RQI>60

Route No.	CS	M.P.	Year
NB US-27	72014	7.0-7.5	95
M-95	22013	3.5-4.0	92
M-95	22013	9.0-9.5	92
M-95	22013	2.5-3.0	94

40<DI<50 RQI<40

Route No.	CS	M.P.	Year
EB US-10	09101	2.5-3.0	95
EB US-10	09101	3.0-3.5	95
M-30	26032	16.0-16.5	92
M-57	29022	2.0-2.5	96
M-57	29022	7.5-8.0	96
M-57	25102	2.0-2.5	92

40<DI<50 RQI>60

Route No.	CS	M.P.	Year
M-36	47041	20.0-20.5	92
M-95	22013	9.0-9.5	94

50<DI<60 RQI<40

Route No.	CS	M.P.	Year
M-28	31021	8.0-8.5	95
M-57	29022	2.5-3.0	96

50<DI<60 RQI>60

Route No.	CS	M.P.	Year
M-95	22013	11.5-12.0	92
M-95	22013	3.5-4.0	94
M-95	22013	4.0-4.5	94
M-95	22013	6.5-7.0	94
M-65	35012	13.5-14.0	96
M-65	35012	15.0-15.5	96

List of Rigid Pavement Sections used for Dynamic Load-Related Distress Analysis
Data Set #2 and 3

0<DI<10 RQI<50

Route No.	CS	M.P.	Year
NB I-75	06111	6.0-6.5	95
NB I-75	06111	11.0-11.5	95
NB I-75	09035	17.0-17.5	93
NB I-75	09035	3.0-3.5	95
WB I-94	39022	11.0-11.5	95
EB I-69	44044	1.5-2.0	95
NB US-131	59012	1.0-1.5	93
NB US-131	59012	9.0-9.5	93
WB I-96	82122	6.5-7.0	93
WB I-96	82122	8.0-8.5	95

0<DI<10 RQI>66

Route No.	CS	M.P.	Year
NB I-75	09035	0.0-0.5	93
NB I-75	09035	5.5-6.0	93
NB I-75	09035	0.0-0.5	95
NB I-75	09035	1.0-1.5	95
NB I-75	09035	14.5-15.0	95
NB I-75	09035	22.0-22.5	95
WB I-69	25084	7.5-8.0	93
WB I-69	25084	9.5-10.0	93
WB I-69	25084	10.0-10.5	93
EB I-94	80023	12.5-13.0	93
EB I-94	80023	13.0-13.5	93
WB I-94	82122	95.-10.0	93

10<DI<20 RQI<55

Route No.	CS	M.P.	Year
NB I-75	06111	9.5-10.0	95
NB I-75	06111	13.0-13.5	95
NB I-75	06111	14.0-14.5	95
NB I-75	06111	14.5-15.0	95
NB I-75	06111	16.0-16.5	95
NB I-75	09035	14.0-14.5	93
NB US-131	59012	1.5-2.0	93
NB US-131	59012	3.0-3.5	93
WB I-94	82122	5.5-6.0	93
WB I-94	82122	6.0-6.5	93
WB I-94	82122	5.5-6.0	95
WB I-94	82122	6.0-6.5	95
WB I-94	82122	6.5-7.0	95
WB I-94	82122	7.0-7.5	95

List of Rigid Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #2 and 3 (Continued)

10<DI<20 RQI>77

Route No.	CS	M.P.	Year
EB I-94	50122	0.0-0.5	93
EB I-94	50122	3.0-3.5	93
EB I-94	50122	4.0-4.5	93
EB I-94	80023	9.0-9.5	95
NB US-23	81076	1.5-1.0	93
NB US-23	81076	1.0-1.5	93
NB US-23	81076	1.5-2.0	93
NB US-23	81076	2.0-2.5	93
NB US-23	81076	2.5-3.0	93
NB US-23	81076	3.0-3.5	93
NB US-23	81076	3.5-4.0	93
NB US-23	81076	4.0-4.5	93

20<DI<30 RQI<63

Route No.	CS	M.P.	Year
NB I-69	12034	2.0-2.5	93
NB I-69	12034	2.0-2.5	95
SB I-69	23061	13.0-13.5	93
SB I-69	23061	13.0-13.5	95
NB US-131	59012	2.0-2.5	93
WB I-96	82122	5.0-5.5	95
WB I-96	82122	9.5-10.0	95
WB I-96	82122	10.0-10.5	95

20<DI<30 RQI>80

Route No.	CS	M.P.	Year
EB I-69	44043	0.5-1.0	93
EB I-94	50122	1.5-2.0	93
EB I-94	50122	2.5-3.0	93
NB US-23	81076	4.5-5.0	93
NB US-23	81076	5.0-5.5	93
NB US-23	81076	5.5-6.0	93

30<DI<40 RQI<70

Route No.	CS	M.P.	Year
NB I-69	12034	0.5-1.0	93
NB I-69	12034	8.5-9.0	93
SB I-69	23061	7.5-8.0	93
SB I-69	23061	9.0-9.5	95
WB I-96	82122	3.5-4.0	95

List of Rigid Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #2 and 3 (Continued)

30<DI<40 RQI>80

Route No.	CS	M.P.	Year
EB I-94	50122	5.5-6.0	93
EB I-94	50122	1.1-1.5	95
EB I-94	50122	1.5-2.0	95
EB I-94	50122	2.0-2.5	95
EB I-94	50122	2.5-3.0	95

List of Composite Pavement Sections used for Dynamic Load-Related Distress Analysis
Data Set #2 and 3

10<DI<20 RQI<40

Route No.	CS	M.P.	Year
NB I-75	73111	3.5-4.0	93
NB I-75	73111	1.5-2.0	95
NB I-75	73111	8.0-8.5	95
EB US-12	81063	0.5-1.0	93
US-41	55011	7.0-7.5	96
US-41	55011	4.0-4.5	96
US-41	55011	16.0-16.5	96
US-41	55011	5.0-5.5	96
US-41	55011	4.5-5.0	96
US-41	55011	15.5-16.0	96

10<DI<20 RQI>55

Route No.	CS	M.P.	Year
NB I-75	25131	2.0-2.5	93
NB I-75	25131	0.0-0.5	95
NB I-75	25131	0.5-1.0	95
NB I-75	63173	5.0-5.5	95
NB I-75	63173	9.5-10.0	93
NB I-75	63173	0.0-0.5	93
NB I-75	63173	10.0-10.5	95
NB I-75BL	63091	1.5-2.0	93
NB I-75BL	63091	1.0-1.5	93
WB US-10	53022	0.5-1.0	93
WB US-10	53022	8.0-8.5	93
US-23	06075	4.5-5.0	93
US-23	06075	7.5-8.0	93
US-23	06075	1.5-2.0	93
US-23	06075	9.0-9.5	93

20<DI<30 RQI<45

Route No.	CS	M.P.	Year
NB I-75	25131	2.5-3.0	95
WB US-2	49022	7.5-8.0	95
US-41	55011	3.5-4.0	96
US-41	55011	14.5-15.0	96
US-41	55011	15.0-15.5	96

List of Composite Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #2 and 3 (Continued)

20<DI<30 RQI<60

Route No.	CS	M.P.	Year
EB I-94	81104	4.0-4.5	95
EB I-94	81104	5.0-5.5	95
EB I-94BL	38083	4.5-5.0	92
WB US-10	53022	0.0-0.5	93
US-23	06072	6.5-7.0	93
US-23	06072	8.5-9.0	93
US-127	46011	1.0-1.5	93
US-127	46011	1.5-2.0	93
US-127	46011	2.0-2.5	93

30<DI<40 RQI<50

Route No.	CS	M.P.	Year
NB I-75	63173	0.0-0.5	95
NB I-75	63173	2.5-3.0	95
WB US-2	49022	2.0-2.5	95
WB US-2	49022	4.0-4.5	95
WB US-2	49022	5.5-6.0	95
WB US-10	53022	5.0-5.5	95

30<DI<40 RQI>65

Route No.	CS	M.P.	Year
EB I-94	81104	3.5-4.0	95
EB I-94BL	38083	3.5-4.0	92
US-23	06072	7.0-7.5	93
US-31	10031	4.5-5.0	95
M-50	58032	3.0-3.5	92

40<DI<50 RQI<60

Route No.	CS	M.P.	Year
NB I-75	63173	1.0-1.5	95
NB I-75	63173	1.5-2.0	95
WB US-10	53022	6.0-6.5	95
WB US-2	49022	7.0-7.5	95
WB US-2	49022	12.0-12.5	95
US-31	10031	3.5-4.0	95
M-50	58032	2.0-2.5	92
M-50	58032	4.5-5.0	92
M-50	58032	5.0-5.5	92

List of Composite Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #2 and 3 (Continued)

40<DI<50 RQI<68

Route No.	CS	M.P.	Year
EB I-94BL	38083	4.5-5.0	94
M-18	26011	3.5-4.0	92
M-50	58032	0.0-0.5	92
M-50	58032	1.0-1.5	92

List of Flexible Pavement Sections used for Dynamic Load-Related Distress Analysis
Data Set #2 and 3

10<DI<20 RQI<25

Route No.	CS	M.P.	Year
SB US-131	54014	4.0-4.5	93
SB US-131	54014	5.0-5.5	93
SB US-131	54014	5.5-6.0	93
SB US-131	54014	6.5-7.0	93
SB US-131	54014	7.0-7.5	93
NB US-131	67016	0.5-1.0	93
NB US-131	67016	1.5-2.0	93
NB US-131	67016	2.5-3.0	93
NB US-131	67016	3.0-3.5	93
NB US-131	67016	3.5-4.0	93
NB US-131	67016	4.0-4.5	93
NB US-131	67016	5.0-5.5	93

10<DI<20 RQI>45

Route No.	CS	M.P.	Year
SB US-131	54014	0.5-1.0	93
SB US-131	54014	8.0-8.5	93
SB US-131	54014	0.0-0.5	95
SB US-131	54014	0.5-1.0	95
SB US-131	54014	11.5-12.0	95
NB US-131	67016	5.0-5.5	95
M-52	33091	2.0-2.5	92
M-52	33091	6.0-6.5	92
M-52	81013	0.0-0.5	96
M-53	81013	1.5-2.0	96
M-54	81013	2.0-2.5	96
M-55	81013	3.5-4.0	96
M-56	81013	4.5-5.0	96

20<DI<30 RQI<40

Route No.	CS	M.P.	Year
NB US-27	20016	2.5-3.0	93
NB US-27	20016	3.0-3.5	93
NB US-31	61074	1.0-1.5	93
NB US-31	70016	1.5-2.0	93
SB US-131	54014	3.5-4.0	93
SB US-131	54014	6.0-6.5	93
SB US-131	54014	7.5-8.0	93
SB US-131	54014	5.0-5.5	95
M-30	56032	3.5-4.0	96
M-52	33091	4.5-5.0	92

List of Flexible Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #2 and 3 (Continued)

20<DI<30 RQI>55

Route No.	CS	M.P.	Year
NB I-196	11111	0.0-0.5	93
NB I-196	11111	4.5-5.0	93
NB I-196	11111	5.5-5.5	93
NB US-27	20016	3.0-3.5	95
NB US-27	20016	4.0-4.5	95
M-28	66021	0.0-0.5	92
M-28	66021	0.5-1.0	92
NB US-31	70016	1.0-1.5	95
NB I-196	80012	5.5-6.0	93
NB I-196	80012	6.0-6.5	93
NB I-196	80012	7.0-7.5	93

30<DI<40 RQI<40

Route No.	CS	M.P.	Year
EB I-94	11015	0.0-0.5	95
EB I-94	11015	0.5-1.0	95
EB I-94	11015	1.0-1.5	95
EB I-94	11015	1.5-2.0	95
NB US-27	20016	1.5-2.0	93
NB US-27	20016	2.0-2.5	93
SB US-131	54014	2.5-3.0	93
SB US-131	54014	3.0-3.5	93
SB US-131	54014	4.0-4.5	95
SB US-131	54014	4.5-5.0	95
SB US-131	54014	5.0-5.5	95
M-52	33091	5.5-6.0	92

30<DI<40 RQI>62

Route No.	CS	M.P.	Year
EB I-94	11111	0.5-1.0	93
EB I-94	11111	1.0-1.5	93
EB I-94	11111	1.5-2.0	93
EB I-94	11111	3.0-3.5	93
EB I-94	11111	3.5-4.0	93
EB I-94	11111	6.5-7.0	93
NB US-27	20016	0.5-1.0	93
NB US-27	20016	4.5-5.0	95
SB US-131	54014	8.5-9.0	93
M-28	66021	0.0-0.2	93
M-35	21032	17.5-18.0	94
M-35	21032	19.5-20.0	94

List of Flexible Pavement Sections used for Dynamic Load-Related Distress Analysis Data Set #2 and 3 (Continued)

40<DI<50 RQI<55

Route No.	CS	M.P.	Year
SB US-131	54014	3.5-4.0	95
M-20	54021	3.0-3.5	96
M-30	56032	4.0-4.5	96
M-28	66021	3.5-4.0	92
M-28	66021	4.0-4.5	92
M-28	66021	6.5-7.0	92
M-28	66021	1.5-2.0	93
M-28	66021	2.0-2.5	93
M-52	33091	3.5-4.0	96
M-52	33091	5.5-6.0	96

40<DI<50 RQI<66

Route No.	CS	M.P.	Year
EB I-94	11111	2.0-2.5	93
EB I-94	11111	2.5-3.0	93
EB I-94	11111	4.0-4.5	93
NB I-196	80012	5.0-5.5	93
NB I-196	80012	6.5-7.0	93
NB US-27	20016	5.0-5.5	93
M-35	21032	17.0-17.5	94
M-35	21032	18.0-18.5	94
M-28	66021	0.0-0.5	95

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-09035

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	8.25	9.675	20.725	4.051715	4.587908	67.5	69.5	71.25	77.25	79
0.5	10.775	4.28	14.98	2.935935	2.284903	71	70.75	73.75	74.75	77.2
1	6.38	7.28	17.14	3.721243	2.860452	62.6	64.4	65	68.6	72.4
1.5	4.02	8.35	9.52	2.46	3.29	57.5	60.75	64.5	56.66667	60.33333
2	7.1	8.7	16.54	4.696	4.222	58.4	55	58	60	61.2
2.5	5.14	6.28	14.14	3.434	3.926	60.2	61.2	58.6	61.8	62.2
3	2.675	5.3	11.3	2.541763	2.556159	55.25	52.75	51.25	49.66667	54
3.5	3.175	10.775	15.225	2.235	2.518	54.25	54.25	57.25	55.75	60.75
4	3.94	10.8	14.6	2.164	1.742	60	59.8	60.2	63	62.8
4.5	5.46	11.08	15.68	2.77	3.484	61.6	61.4	62.4	60.6	66
5	5.2	13.28	16.64	3.726	3.69	56.8	60.4	66.6	63	65.4
5.5	6.28	10.64	15.88	3.296	1.276	61	67.2	65.6	65.8	65.8
6	6.375	9.45	12.74	4.430833	4.132273	56.75	60.5	65.75	59	64.75
6.5	5.34	9.1	11.14	2.876	3.51	52.8	53.6	53.8	55.2	58.4
7	1.74	3.66	9.24	1.142	0.846	42.8	44.2	45	44.4	48
7.5	2.08	4.42	12.12	0.788	0.638	44.8	48.2	43.25	49.2	51.2
8	5.55	7.825	11.4	4.093553	4.163816	52.25	50.75	55.33333	52	55
8.5	5.24	6.1	14.12	5.004	4.654	52	54.4	55.2	55.75	58.4
9	10.78	11.32	19.06	10.084	10.438	60	66.8	65.2	71.66667	62.8
9.5	6.74	7.94	16.34	6.45	6.59	54.6	63.8	66.4	59.4	63
10	5.8	6.28	13.78	5.192	4.664	52.6	53.4	55.4	56.6	61.4
10.5	5.8	6.38	13.92	5.38	5.096	55.6	56.2	57.4	56.8	62.6
11	7.82	8.2	20.82	6.15	6.472	60.2	59.2	60.2	60	63
11.5	14.82	15.46	27.58	13.67	13.346	63.2	71.6	73.6	71.2	73.8
12	10.12	9.78	15.16	9.024	7.576	58.2	59.4	62.6	59.8	65.6
12.5	1.54	3.66	5.92	1.414	1.072	53.8	53.4	53.4	50.8	54.4
13	3.7	6.9	12.26	3.004	2.838	52.4	52.8	53.2	56	56.6
13.5	17.8	12.6	22	14.916	11.7675	59.4	63.4	69.4	63.2	67.2
14	10.3	9.16	15.76	10.1	8.394	51.8	54	56.6	60	63.6
14.5	10.3	9.5	18.5	9.51	8.936	61.8	61.4	62.6	66.2	66.2
15	12.6	11.125	18.65	11.05	9.823322	60.25	61.75	64.75	67	72.33333

CS-09035

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
15.5	8.02	8.4	18.48	6.396	6.096	55.6	60	57.4	60	62.8
16	5	7.14	13.8	3.822	4.872	52.6	56.6	56.4	61	60.2
16.5	6.1	7.72	15	5.594	6.504	53.4	59	55.8	56.2	62
17	7.16	7.28	13.98	6.812	6.08	46.8	48.8	52.4	55.4	62.8
17.5	7.72	9.06	16.06	7.124	6.902	53.8	51.6	61.2	65.4	63
18	12.86	13.86	21.18	11.57733	10.458	57.4	61.8	67.4	66.2	66.8
18.5	15.275	14.975	18.275	13.7775	9.6425	58.75	61.5	65.5	73	65.5
19	11.38	12.86	16.9	10.85	11.116	55.8	61.2	62.8	76	67.8
19.5	13.48	13.98	20.24	12.978	12.854	59.8	61.4	67	75.6	74
20	14.44	16.86	22.36	12.748	11.928	64.2	76.8	76	75.4	71.8
20.5	11.24	13.32	18.98	9.54	9.298	55.4	61.2	70.4	65.8	65.6
21	13.24	15.64	20.3	9.406	9.518	57.8	61.2	70.2	74.4	68.6
21.5	9.34	13.76	20.28	7.84	8.266	54.8	65.6	66.8	74.4	67.6
22	6.825	9.95	18.12	5.342323	5.625098	56.25	59	63.5	69.33333	66
22.5	14.2	14.6	25.45	12.39747	12.44473	66	71.5	71.25	72.5	72.25

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-06111

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0		16.76	28.98		14.938	56.8	60.4	62.2	67.4	60.2
0.5		16.24	27.74		13.876	47.6	54.66667	53.2	59.4	54.4
1		17.28	34.28		14.83	62	67.4	67.8	70.6	64
1.5		18.6	35.94		14.71	60.6	61.2	64.6	67.8	64.8
2		14.4	21.74		11.688	60.6	61.8	58.6	68	62.8
2.5		5.08	9.8		3.976	39.2	36.2	36.6	39	43.2
3		4.22	9.04		3.226	42.6	41.8	42	44.2	48.4
3.5		6.34	11.1		4.812	50	47.2	49	50.2	57
4		7.78	13.24		5.66	52.2	51.2	55.4	54.8	59.2
4.5		6.3	14.98		4.696	49.25	49.5	56.25	54.5	61
5		7.98	23.02		6.42	55.8	61.6	67	64.5	66.75
5.5		8.34	14.54		5.34	49.2	46.8	50.6	51	57.6
6		8.12	12.6		5.082	45.8	45	44.6	45.6	50.8
6.5		7.36	11.98		4.866	48.2	48.2	48.8	51.2	53
7		6.76	13.74		5.242	46.4	46	48.6	51.4	51.8
7.5	N.A.	15.5	23.64	N.A.	9.702	56.4	58.6	59.33333	65.6	67.2
8		8.18	16.34		5.88	52	53.4	52.8	55.8	57.8
8.5		16.54	25.16		11.25	59	64.2	60.4	68	70
9		9.86	18.02		7.044	54.4	54.6	57.6	61.6	58.8
9.5		11.28	13.56		8.06	51.2	59.2	51.8	53.6	55.2
10		5.6	9.86		4	43.2	42.4	44	51.4	52.4
10.5		3.34	9.08		2.102	42	43	42.4	47	47.6
11		6.76	12.84		4.526	48.4	49	50.2	49	55.2
11.5		8.06	14.88		6.494	51.6	51.2	52.8	57.8	58
12		10.46	15.98		7.628	59.8	57	61.2	63.4	68.8
12.5		11.98	18.9		7.482	61.6	59.4	63.6	64.4	67.2
13		14.12	24.24		8.672	49.4	46.4	49.4	50.8	56
13.5		14.44	22.94		8.758	55.4	57.4	53.4	56.4	60.8
14		10.52	18.96		7.532	51.6	47.6	49.2	53.6	55.8
14.5		15	24.96		7.814	47	44.6	53.8	53.4	57.4

CS-06111

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
15		10.38	17.8		8.07	52	56	55.4	58.6	62.6
15.5		9.62	17.26		6.24	48.4	53.8	51.8	57.6	56.6
16		14.24	21.1		8.842	53.2	56.8	52.2	53.4	65.2
16.5		13.48	18.04		8.064	46.2	47.4	49.4	57	60.4

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-11017

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
1	25.06	24.58	0.66	24.302	4.8604	75.8	80.8	80.6	81.8	40
1.5	15.8	17.38	0.16	15.318	3.0636	69.4	73	75.6	76.2	34.2
2	12.88	14.06	1.8	11.128	2.2256	68	70.4	70.2	70.3	35.4
2.5	18.62	26.92	0.1	18.442	3.6884	76.6	80.2	81.8	77	39.2
3	13.36	20.64	0.84	12.24	2.448	66.8	69.8	73.4	73.8	33.6
3.5	25.24	33.24	1.5	24.362	4.8724	73	82.2	79.6	75.8	37.8
4	19.34	23.92	0.36	18.416	3.6832	75	77.8	82	78.8	40.4
4.5	24.6	27.52	1.14	23.886	4.7772	76.2	76.8	77.8	78.6	32.6
5	24.24	34.14	5.18	23.592	4.7184	87.2	91	91.4	90.4	29.8

CS-18024e

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
2	12.36	32.28	35.37	8.674	27.314	56	56	58.8	61.4	64.8
2.5	8.44	18.68	15.692	1.96	10.192	56.4	56.6	56.4	59.4	62.4
3	7.2	33.4	24.114	0.6	21.22	48.6	46.4	48.2	48.2	52.2
3.5	4.82	30.8	14.896	0	18.372	52.2	53	52.2	54.2	58.8
4	7.46	45.08	18.386	0.864	32.392	49.2	49.4	48.6	51.8	56.4
4.5	9.46	56.58	22.53	0.902	44.56	50.4	53	53.8	55	57.6
5	11.68	53.22	27.028	1.576	35.916	54.8	54	60	58	62.4
5.5	15.38	53.62	28.51	4.748	42.94	53.6	54	55.8	60.6	64.8
6	11.9	33.92	24.64	0	18.156	53	52.4	53.2	55.2	57.8
6.5	12.16	39.14	26.868	1.75	25.618	56.2	58	63.8	63	72.4

DI, DP and RQI Data for Rigid Pavements

CS-12034

	DI			DP		RQI				
M.P.	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	32.46	38.32	36.9	26.686	30.61	74.6	73	76.8	75.5	80.6
0.5	37	42.88	39.88	28.802	32.444	66.8	68.4	69.6	71.6	76.2
1	35.76	44.44	37.2	27.174	33.3	70.4	71	72	73.6	80
1.5	24.16	29.46	28.54	17.698	20.136	65.6	66.6	67.2	70.2	72.2
2	20.4	27.6	25.6	17.292	21.566	57.2	57.4	57.4	60.8	62.2
2.5	33.26	45.98	41.9	28.876	38.716	69.4	70.4	76.4	74.6	73.2
3	43.38	50.02	45.88	34.792	40.956	71.6	73.2	73.8	74.4	74.6
3.5	43.64	52.98	52.72	39.102	46.366	70.4	74.8	77.4	72.8	72.4
4	33.94	40.3	40.94	31.82	35.414	71.2	73	74	78.2	73.4
4.5	35.16	40.94	38.86	30.67	33.26	70.6	73	76.8	78	73.6
5	40.66	50.56	46.34	35.478	43.044	74.8	77.4	79.8	77.2	76.6
5.5	32.52	40.6	39.66	27.798	35.09	67.8	70	71.8	72.4	72.6
6	34.18	42.84	45.84	31.846	38.778	75.4	74.6	76	76.6	79.8
6.5	27.375	32.57	33.075	24.03	27.87	64.75	67.5	73.5	71	70.5
7	30.34	40.38	37.8	26.94	34.1	69.4	70.8	71.4	73.2	74.8
7.5	29	39.9	38.74	25.526	34.58	65	67.8	71.4	71.8	70.2
8	35.68	41.28	41.72	31.706	35.288	69.4	74.6	75.6	75.8	71.4
8.5	30.88	43.32	39.1	25.238	35.298	63	67	69.4	71.2	68.4

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-18024w

M.P.	DI			DP		RQI				
	93w	95w	97w	93w	95w	92w	93w	94w	95w	96w
2	14.1	25.62	37.62	6.564	17.976	59.8	58.8	59.2	65.6	69.4
2.5	10.52	28.66	40.72	7.466	25.212	48.2	46.6	53.4	54.8	65.8
3	2.04	8.48	19.14	0.392	4.75	51.6	52.8	53.8	55.2	57.6
3.5	1.1	10.8	20.66	0	7.038	51.4	52.2	51.8	55.8	58.6
4	8.04	16.38	30.1	1.962	9.312	47	48.4	50.4	56.6	56.8
4.5	12.66	16.14	26.34	0.4	8.626	48.2	49.4	49	51.2	55.4
5		23.3	29.82	2.84	12.422	50.8	55	54.4	56.2	63.4
5.5		31.14	38.3	8.2	16.194	52.6	55	54.8	59.2	62.4
6	9.12	19.2	29.36	0.586	8.16	52.2	52.4	52.8	57.4	62.4
6.5	4.95	17.75	27.575	0.738	6.215	48.75	55.4	48.5	53.75	58
7	10.94	24.88	29.72	4.708	18.108	54.2	55	54.6	58	62.4

CS-23063

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	0.16	0.38	0.64	0.15	0		39.33333	39.66667	47.33333	50.25
0.5	0	0	0.48	0	0		32.6	33	38.4	41.4
1	0	0	0.48	0	0		36.8	37.6	41	43.8
1.5	0.2	0.4	2.02	0	0		39.4	41	43.6	48.4
2	0.2	0.2	4.1	0	0	N.A.	35.8	38.2	42	46.6
2.5	0.1	0	4.88	0	0		30.2	32.4	37.2	40
3	0	0.5	16.68	0	0		37	34.5	38.75	41
3.5	0.64	1.6	23.6	0.586	0.304		37.4	36.8	39.4	45
4	0.1	0.6	20.08	0	0		37.2	38.2	41	42.75
4.5	0	0.1	9.36	0	0		38.25	40.25	43.66667	44.2
5	0.1	0.2	5.14	0	0		37	39.75	42	43.66667

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-21022e

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
6.5	4.98	6.66	11.6	4.178	5.43	66.4	67	69.2	69.6	73.2
7	6.64	4.58	9.28	4.43	2.24	57.2	55.8	59.8	57.8	61.8
7.5	6.28	5.88	10.04	5.816	5.356	62.8	55	59.6	62	56.4
8	4.88	4.575	9.275	5.655	3.9525	75.4	67.2	77.2	75.4	70.5

CS-21025w

M.P.	DI			DP		RQI				
	93w	95w	97w	93w	95w	92w	93w	94w	95w	96w
0	12.625	19.55	17.25	4.712	11.7825	72.4	71.25	75.6	73.25	58.4
0.5	8.775	19.86	20.225	0.8175	9.172	64	66.2	64.8	64.8	64.4
1	8.6	20.72	19.02	1.382	9.65	61.2	59.8	60.8	60.8	61
1.5	3.8	11.88	12.14	0	2.93	53	52.8	54	54	57
2	4.5	12	12.12	0.688	1.914	49.8	52	51.4	51.4	52
2.5	5.56	12.74	13.72	0.586	3.284	50.6	54	54	54	53.8
3	7.625	10.35	13.44	1.78	4.7225	56.6	55	59.2	59.2	58
3.5	4.42	7.76	8.52	0.686	2.814	53.4	53.8	53.2	53.2	57
4	9.06	13.08	13.2	1.296	3.886	51.8	51.6	51.6	51.6	52
4.5	10.66	16.48	17.86	2.516	8.592	52.6	52.4	51.4	51.4	53.4
5	11.1	14.46	16.28	3.858	7.248	57.6	58.6	58.4	58.4	58.6
5.5	9.3	15.64	19.1	2.6	9.178	68.4	67.6	70.6	70.6	70

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-21025e

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	11.42	11.44	16.88	4.806	3.138	66	65.75	63.7	62	60.5
0.5	13.2	14.82	16.875	3.665	1.498	60.75	61.25	65.8	63.25	62
1	11.4	13.94	17.72	4.338	2.584	51.2	52.6	52.2	53.4	54.6
1.5	13.64	19.2	21.22	4.848	4.056	53.2	54.8	54.6	56	55.4
2	9.4	11.26	23.66	3.1	0.88	48.2	50.4	50.8	50.6	53.2
2.5	11.08	15.02	20.52	4.02	3.228	52.2	54	54	54.4	57.4
3	10.15	12.27	16.6	3.85	1.462	59.25	60.25	62.25	59.7	59.7
3.5	11.58	14.4	20.08	4.03	3.622	57	58.2	57.8	57.6	55.8
4	15.16	15.94	21.64	6.996	3.642	52.4	57.6	56	55	55.8
4.5	7.92	8.24	12.38	3.764	1.972	55.2	56.6	59.2	58.8	58.6
5	10.54	9.92	13.64	5.284	3.512	61.2	61.4	62.6	60.8	63.2
5.5	7.34	8.2	10.3	4.202	3.416	58	58.6	60.4	59.8	60

CS-63031n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	11.14	15.24	22.06	9.704	12.262	72	72	71.8	68.75	72.33333
0.5	11.2	17.76	20.74	10.736	17.01	67.6	66.2	68	66.4	69.6
1	10.78	14.44	18.9	9.236	13.18	66.2	67	65.8	66.8	65
1.5	15.84	15.22	17.12	12.998	13.58	66.4	61.4	62.6	60.25	67.25

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-23061

	DI			DP		RQI				
M.P.	93s	95s	97s	93s	95s	92s	93s	94s	95s	96s
0	12.16667	14.93333	17.93333	9.348288	3.931111		71.2	72.4	75.2	74.2
0.5	8.95	14.5	20.92	5.287186	2.974		60.4	64.8	65	65
1	10.4	17.36	25.56	7.956	5.37		64.6	67.4	66.4	69.8
1.5	18.6	21.94	31.42	8.087025	8.974		61	64.8	64	64
2	8.92	16.6	26.6	3.94	3.382		58	57.8	59.2	61.2
2.5	7.04	14.88	24.38	3.648	3.272		54.8	55.4	56	57.2
3	10.9	14.5	20.65	3.499758	1.636596		65.75	66.75	65	63.33333
3.5	10.28	14.86	20.64	3.338802	2.902		61.4	64.2	65.2	62.8
4	13.2	17.2	17.26	8.986378	8.014		64.6	62.6	66.6	64.4
4.5	14.52	21	19.76	9.412	10.946		61.2	64.2	63.6	61.4
5	24.45	19.8	23.54	18.16369	10.01297		61	59.66667	65	67.5
5.5	33.6	22.55	27.175	29.73648	14.23437	N.A.	64.6	67.2	64.5	69.6
6	26.84	20.4	19.72	24.166	14.36		65.4	68.4	69.6	70.8
6.5	26.08	20.48	21.86	22.414	13.776		69.4	76.2	76	76.2
7	26.08	21.78	26.46	22.222	13.476		64	68.2	67.4	67.6
7.5	31.44	21.96	23.04	29.84	17.73		68.4	73	71	71.8
8	31.14	25.62	22.76	30.22	16.412		71.4	75	75.2	75.8
8.5	42	21.48	22.4	39.922	14.504		63	64.2	65	65
9	46.14	36.72	33.06	36.79376	16.412		64.2	65	68.5	67.6
9.5	15.24	13.26	14.76	10.67336	6.772		55.4	58.4	61	61.6
10	24.84	18.42	21.6	20.93923	11.634		67.6	70	70	69.4
10.5	25.78	21.06	28.16	20.124	14.132		73.2	75.8	74.8	76
11	27.9	23.6	30.2	25.076	19.812		67.2	69.6	69.2	69
11.5	26.02	23.84	32.32	19.35	16.398		64	66.6	65.4	66.2
12	13.225	9.76	20.2	13.14626	5.312895		50.75	52.75	52.25	54
12.5	13.025	15.05	20.2	8.382813	7.36206		56.25	56.75	57.5	59
13	22.03333	21.56	27.1	12.8	11.836		61.6	61.6	61.4	63

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-25084

	DI			DP		RQI				
M.P.	93w	95w	97w	93w	95w	92w	93w	94w	95w	96w
0	20.8	18.175	25.35	18.05031	14.35984	61	63.75	63.25	66.75	68.2
0.5	21.76	24.92	30.98	17.74891	17.73	76	74.4	83	81.8	85
1	22.35	24.2	32.125	21.27964	15.295	75.5	70.25	74.5	70.66667	73
1.5	20.46667	17.86667	25.925	19.11571	13.65602	68	71	70.33333	71	74
2	26.3	22.075	29.65	25.8325	18.2829	65.75	74	71	72.33333	70.66667
2.5	31.6	27.65	34.7	29.66139	22.90355	69.75	79.25	74.25	72.25	74.75
3	35.14	31.72	39.325	29.01	23.738	61.4	67.6	67.2	68.6	69.2
3.5	31.1	30.325	42	24.97493	23.55692	56.5	61.5	63.25	65	70.33333
4	21.56	28.16	35.94	16.786	20.13	59.8	68.6	63.4		71.6
4.5	25.98	27.74	38.7	22.288	22.836	63.2	67	66.8		70.6
5	27.08	32	40.88	20.364	22.876	57.8	63.2	68.4		64.8
5.5	25.16	32.88	44.96	20.882	25.206	65.5	73.5	73.5		75
6	26.38	25.125	33.525	24.44737	20.64774	67.8	71.8	70		70
6.5	21.075	22.475	31.075	15.9719	18.20321	67.25	72	73.25	N.A.	75.25
7	14	16.24	27.16	8.818	11.432	66	65.6	68.6		72.2
7.5	8.08	9.1	20.46	4.788	6.924	64.4	66.2	67.6		69.6
8	5.44	6.5	13.36	2.89	5.098	58.8	61.6	62.2		64.8
8.5	7.94	8.78	19.3	6.413793	7.469219	64.25	66	69.75		73.66667
9	8.6	13.18	16.46	3.34	7.21	61.4	65	69.2		68.4
9.5	9.2	11.76	20.76	5.254	7.44	68.8	67	69.2		72.8
10	9.04	13.16	18.14	4.982	8.386	65.8	66	67.8		71.4
10.5	8.72	10.5	18.68	5.172	6.964	66.2	65.8	71.8		72
11	11.6	13.72	19.84	7.484	9.702	65.4	66.6	68.8		71.6

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-25085

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	12.83333	13.425	16.72	11.91343	10.16677	57.5	59.5	64.25	60	66.2
0.5	16.18	14.78	16.62	13.2972	12.694	55.4	58	61	62.8	65.8
1	12.325	15.42	12.36	11.1101	12.3045	55.6	59.6	61	61	64.2
1.5	10.98	9.15	14.24	9.78528	9.540081	53.75	58.25	63.25	63	62.8
2	7.825	10.34	12.36667	7.668704	9.547856	58	61.5	59.75	59.66667	67
2.5	12.92	12.05	13.85	11.164	11.0275	54.8	57.4	53.8	55.2	57.6

CS-44043

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	24.84	26.12	23.84	20.174	18.34	75.6	77.2	79.2	79	81.4
0.5	26.74	32.98	27.8	21.008	21.522	70.8	83.4	78.2	76.2	76.8
1	29.84	29.18	32.26	19.26	21.214	67.6	70.8	72.6	72.2	75.8
1.5	31.78	35.28	34.24	18.762	17.172	67.6	74	72.8	71	75.8
2	28.68	33.08	33.26	19.464	24.084	72.6	76.8	79.4	74.2	80
2.5	20.4	26.92	23.58	13.874	18.632	69.6	72.4	78.2	71.2	72.8
3	13.02	19.66	19.66	8.072	13.734	67.4	70.6	74.8	71.6	74.4
3.5	13.08	17.02	18.1	7.638	11.208	66	70	71.2	68.6	71
4	9.1	15.58	17.84	5.188	11.458	62.2	65.6	65.4	63.4	69.8
4.5	12.26	17.6	18.74	7.31	13.192	65.8	69.6	70.6	70.2	74
5	12.28	19.02	17.44	8.182	14.882	61	63	63.2	64.6	67.4
5.5	14.625	18.25	18.8	6.86529	10.31699	63.5	65.75	65.75	68.5	74.33333
6	15.12	18.64	17.9	6.494	9.972	66.4	68.4	71.2	65.6	67.8
6.5	11.6	11.26	13.3	5.678	3.23	56.4	58.2	57.6	59.2	60.6

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-44044

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	2.125	1.42	3.916667	1.512292	0.79	41.33333	44	54	49.75	50.33333
0.5	0.15	1.4	5.6	0.148305	1.102112	39	40.6	39	45.75	44.33333
1	0.88	1.56	5.75	0.188	1.18	34.25	39	42.6	47.4	45.4
1.5	4.66	5.9	6.5	0.376	0.602	36.4	39.4	40.6	46.2	44.6
2	0.2	1.14	5.42	0.21	0.946	35	33.6	35.2	43.8	42
2.5	1.2	2.25	10.25	1	1.734707	39.8	40.4	40.8	49	51.6
3	0.76	1	5.92	0.380909	1	37.75	38.25	40.5	46	43.25
3.5	1.6	4.68	11.86	0.898	3.782	37.8	40.8	44.4	52	55.4
4	0.7	1.84	5.02	0.196	0.84	42.4	44	44.2	53.8	53.4
4.5	1.18	2.02	6.02	0.188	1.014	38.8	41.6	42.8	47.8	49.4
5	0.2	1.2	9.52	0	0.79	38.6	38	41.2	45.4	45
5.5	1.64	5.14	20.12	0.84	3.856	45.4	48.2	48.2	55.2	58
6	1.48	1.72	18.5	0.588	1.236	45.6	50.4	51.6	51.8	56.2
6.5	4.82	2.76	15.7	0.616	0.772	50.2	51.2	53.4	59.6	59.8
7	1.16	0.4	1.2	0.398	0	49.8	51.2	52.4	53.4	57
7.5	0.5	0.2	2.84	0	0	45.2	46.2	47.6	50.2	48.4
8	0.7	0.1	2.84	0	0	45.8	49	48.2	51.2	47.8
8.5	0.66	0.625	1.575	0.4	0.38	50.2	51.4	51.4	52.2	52.4
9	0.55	0.54	3.46	0	0	47.75	49	48.25	52.25	51.25
9.5	2	1.16	5.7	0	0.196	45	46	46.8	49	48.6
10	2.12	0.425	2.44	0	0.235	54.4	54	55.8	57.4	56.4
10.5	0.725	0.82	6.42	0.235	0.21	51.5	52.75	53.25	56.25	54.75
11	0.66	0.775	3.3	0.398	0.38	50.8	52.6	53.2	57.6	55
11.5	0	0.1	0.2	0	0	56.25	49.33333	59	51.66667	51.5
12	0.3	0.2	1.38	0	0	51.2	51.4	52.2	54.6	55.2
12.5	1.48	1.24	10.42	1.398	0.15	53.2	52.6	54.4	55.8	58.4
13	0.3	0.92	9.26	0.21	0.3	47.8	48.2	48.6	54.2	53
13.5	1.36	1.34	9.76	0.578	0	46.6	49	50.4	52.8	57.8
14	1.24	2.6	6.98	0.804	1.204	42.8	46.4	46.2	53.8	52.4
14.5	1.26	0.2	1.8	0.962	0	45	48.8	48.2	49.8	50.8
15	1.32	1.9	8.58	0.68	0.5	47.4	48.6	48.4	54	54

CS-44044

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
15.5	0.3	0.1	1	0.196	0	47	49.2	48.8	53.8	52.2
16	0	0	2.225	0	0	45.4	47.2	48.2	52	51.8
16.5	0.575	1	7.3	0.2625	0.406	47.25	48.5	50	52	51
17	0.78	1.75	7.366667	0.594	0.788	44	45.2	46.4	51.6	53.8

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-47065

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	0	0.32	1.04	0	0		25.2	32.4	31.8	32.6
0.5	0	0.48	1.3	0	0.15		26.6	27.6	35	36.4
1	0	0.75	0.075	0	0		22.25	24	34.5	33
1.5	0	1.76	1.2	0	0		26.4	27	31	33.4
2	0	0.1	0.56	0	0		27.4	29	33.4	36.6
2.5	0	0.76	0.7	0	0.35	N.A.	24.2	29.2	36.4	34.4
3	0	3.46	2.1	0	1.68		23.8	26	33	34.2
3.5	0	3.02	0.98	0	0.8		27.8	28.6	34.4	35.4
4	0	2.16	0.28	0	1.28		21.4	23.6	33	32.4
4.5	0	0.375	0.5	0	0.24		25.5	25.5	30	37
5	0	0.78	0.6	0	0		29.2	29.4	35.2	44.75

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-50112

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	13.72	30.62	5.36	9.22	18.2	77.2	78	77.6	79.2	
0.5	16.6	32.72	4.96	13.95	21.45	78.4	76.8	79	79.2	
1	22.16	34	6.06	15.65	18.52	78.4	79.8	82	80.8	
1.5	25.04	38.54	5.72	17.22	25.31	77.6	83	84.8	82.8	
2	28.12	39.84	4.7	14.93	20.59	76.6	78.6	82.2	83.2	
2.5	22.76	37.78	6.18	15.51	23.61	79	84.2	86	86.6	N.A.
3	18.58	29.96	5.64	15.49	23.86	74.6	78	78.4	79.2	
3.5	20.375	30.35	3.32	12.94	19.13	73.5	79	80.25	76.5	
4	19.74	28.94	5.04	13.43	21.47	78.2	79.6	79.6	78	
4.5	17.74	26.28	5.36	11.6	18.06	71.4	74.2	71.8	73.2	
5	22.72	26.34	3.74	10.77	19.34	73.8	75.4	76	72.2	
5.5	33.46	56.7	3.66	17.97	38.44	80.4	80	81	83	

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-58152

	DI			DP		RQI				
M.P.	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	0.96	2.26	8.7	0.15	0.15	43.4	44	45	48.6	46.4
0.5	0.233333	3.566667	9.55	0.079365	0.943637	47.66667	52.66667	54	46	
1	0.333333	3.6	8.475	0	0.276174	41.25	42.75	43.5	46	51
1.5	0.3	1.7	11.02	0	0	24	27.2	27.8	31.8	34.4
2	0.4	1.3	6.74	0	0	30	31.4	30.6	34.4	35
2.5	0.56	2.36	9.76	0.15	0	29.8	30	33.4	36.2	38.4
3	0.225	0.625	5	0	0.15	40.75	40.25	40	41	41
3.5	0	0.2	1.26	0	0	23.6	29.4	24	29.2	27.2
4	0	0.64	2.14	0	0.15	33.4	35.6	34.6	36	35.2
4.5	0.16	0.3	6.46	0.15	0	30.2	30.4	31.8	33	34.2

CS-39022

	DI			DP		RQI				
M.P.	93w	95w	97w	93w	95w	92w	93w	94w	95w	96w
4.5	0.64	1.9	3.22	0.196	0	44.8	48	50.6	50.6	54.2
5	0.1	1.3	2.38	0	0	46.4	51.4	50.8	50.2	53.6
5.5	0.54	2.02	5.42	0.338	0.21	49.4	49.6	55.2	49.6	54.8
6	0.04	0.9	1.64	0	0	50.8	50.6	52	51	53.2
6.5	0.3	1.7	4.24	0	0	48.2	52.2	52	51.6	53.4
7	0.74	4.38	7.56	0.526	0.376	53.2	54.6	54.6	59.4	59.6
7.5	6.02	14.2	26.82	1.624	0.572	57	62	65.8	64.4	72.4
8	2.16	11.7	17.16	0.772	2.634	53.2	56.4	59	61	63
8.5	6.58	16.92	42.16	2.508	3.584	56.6	55.6	59.2	60.4	65
9	4.84	10.28	19.76	0.938	0.892	49	53.2	57	61.8	63.2
9.5	7.78	15.36	30.42	3.396	1.82	45.6	52.6	58.4	61.6	67.4
10	4.48	9.12	21.52	1.682	1.358	52	56	59.4	62.6	64.2
10.5	14.44	18.72	37.74	2.474	2.926	51	59.2	66.6	66.4	74.4
11	1.58	8.5	14.66	0.36	1.592	43.75	50.75	48	48.5	52.5

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-59012

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	4.32		10.9	3.42			48.8	50.8	51.4	54.2
0.5	0.92		4.82	0.6			41	43.2	43.4	46.8
1	8.76		23.54	3.05			48	50	51	53.2
1.5	19.56		44.86	10.34			49	55.2	56	56
2	21.42		41.6	6.66			53.4	58.2	58	60.6
2.5	17.92		33.28	6.78			60.4	64.8	64.2	70.2
3	14.5		28.42	5.8			53.6	51.2	53	57.2
3.5	16.22		32.32	5.33			56	56.6	59.2	62.4
4	6.7	N.A.	12.4	3.29	N.A.	N.A.	53.4	54.2	55.4	59.4
4.5	1.34		2.9	0.45			40.6	42	42	47
5	1.14		4.82	0.49			39.8	40.2	43.4	45.6
5.5	1.775		6.2	0.19			43.75	45.2	46.6	43
6	2.9		7.38	1			39.8	39.4	40.4	44.8
6.5	4.04		10.58	1.09			40	41.2	42.6	45.8
7	3		5.7	0.43			40	49.6	49	43.5
7.5	4.06		9.76	1.54			44.6	44.2	45.6	48.4
8	4.24		11.44	0.9			40.2	39.8	40.8	40.5
8.5	4.74		9.34	1.34			34.8	35.4	38.6	39.6
9	7.82		17.52	1.22			41.8	41.8	42.6	45.8

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-70014n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	7.18	10.38	11.78	5.816	8.992		64.6	59.6	62.6	65.2
0.5	9.56	11	14.4	7.826	9.758		59.2	59.6	61.6	65
1	7.2	7.36	12.08	6.126	6.144		56.6	56.8	58.8	59.2
1.5	9.56	14.82	14.26	8.788	13.156		57.4	57.2	58.4	63.2
2	9.96	14.62	16.98	9.232	12.442	N.A.	60.6	59.4	60.6	67.8
2.5	5.92	8.18	10.86	5.278	6.766		60.2	63	61.8	65
3	3.8	4.26	4.8	3.486	4.102		57.6	55	59.2	61
3.5	2.9	3.4	5.4	2.792	3.134		60.4	60	61.6	62.8
4	6.66	6.9	9.58	5.062	5.608		60.6	59.8	62.2	66.2
4.5	7.34	8.16	9.44	5.91	6.548		68.4	65.4	67	69.8
5	4.9	4.98	7.24	4.516	4.238		65.2	68.6	68	57

CS-70023e

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	27.74	30	31.9	12.562	15.172		77.4	80.8	79.25	83.5
0.5	11.65	12.05	10.66	7.075	9.3725		73.5	71.6	69.75	79.2
1	13.8	9.96	14.52	4.766	8.192		75.4	69.2	73.4	72.6
1.5	13.38	14.44	14.46	9.058	8.628		74.8	72.4	72.8	72.8
2	17.62	17.34	19.1	12.464	12.868		74.25	76.2	75.5	80.2
2.5	11.78	9.96	12.54	3.168	4.348	N.A.	69.2	66.6	69.6	68.6
3	8.7	10.7	13.12	4.624	5.982		74	72.8	71.25	71
3.5	9.12	12.3	14.08	6.492	8.46		71.4	69.4	71.6	72.3
4	10.8	12.38	12.7	6.612	7.928		71	73	71.5	74
4.5	8.14	10.14	12.08	4.644	7.342		58.2	61	59.6	62
5	15.62	9.05	10.32	7.175	6.558		61.4	62.4	64.8	64.4

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-76024e

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	1.82	2.66	7.6	0.196	0.676	32.6	34.2	37	43.6	46
0.5	0	0.38	3.38	0	0.188	29.4	28.2	30.4	36.8	36.2
1	0	3.08	5.32	0	0	32	34	36.75	47	48
1.5	0	2.52	7.06	0	1.922	32	31.2	32.8	37.6	44.2
2	0.02	2.92	4.62	0	0	37.5	37.25	39	40	45.33333
2.5	0.18	1.38	13.18	0.188	0.496	35.2	33.4	34.2	37	41.6
3	0.2	1.2	6.46	0.196	0.746	36.8	35	36.6	40.2	42.4

CS-21022w

M.P.	DI			DP		RQI				
	93w	95w	97w	93w	95w	92w	93w	94w	95w	96w
0	5.6	18.08	24.2	1.4475	9.668	55.2	57.4	64.6	56.3	64
0.5	8.42	14.9	17.96	1.128	5.912	45	44.75	47.75	51.75	55.5
1	11.06	16.52	19.78	1.152	6.866	46.2	46.8	53	55.4	67.6
1.5	8.14	14	17.76	0.188	5.146	50.8	53.4	56.2	57.3	63.75
2	15.775	3.88	7.06	9.53	0.764	62.2	60.2	18	22.8	29.6
2.5	11.62	3.66	5.24	6.498	1.128	58.8	60.8	11.6	16.4	21.2
3	18.72	3.28	7.16	10.098	0.388	68.75	68	20.75	22.5	27.5
3.5	13.825	5.45	5.3	10.3125	2.9125	69.6	69.8	29.2	27	31.75
4	14.525	7.06	9.14	5.4625	3.03	56.4	59.4	29.8	32.2	34.2
4.5	10.35	3.32	5.4	4.9925	0	66.6	68	28.6	29	33
5	12.74	2.2	5.08	10.576	0	74.8	76.6	23.8	25.2	27
5.5	21.84	1.78	3.76	12.034	0	81.8	82.6	20	26	29.4
6	10.06	8.64	8.36	7.736	5.658	71.2	69.4	40.4	40.8	45.4
6.5	7.54	11.12	12.12	3.95	7.41	62	63.2	66.4	64.2	63.6
7	5.14	8.34	8.1	3.418	6.23	58	55.6	60	58.8	61.2
7.5	5.26	11.36	12.84	3.184	9.67	52.2	52	53.8	55.6	53.2
8	8.35	9.9	14.875	6.3775	8.6925	74.5	66.75	70	62.25	71.75

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-80023

M.P.	DI			DP		RQI				
	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
4	18.34	33.28	34.4	11.22	25.03	73	73.6	75.8	77.4	81
4.5	17.98	29.94	34.46	10.57	19.93	69.2	72	74	75.6	77.4
5	18.26	31.34	32.72	11.28	22.59	68	72.4	75.2	76.2	78
5.5	18.58	23.86	28.52	11.48	16.36	62.6	65.2	68	69.6	71.2
6	21.02	27.32	36.82	13.33	19.04	71.6	76.6	79.8	78.4	81.8
6.5	18.22	23.14	31.26	11.12	14.46	67.6	71.2	72.6	73.4	76.8
7	16.74	24.46	33.42	10.71	17.27	69.8	75.4	76	76.5	80.4
7.5	16.82	21.62	33.16	8.94	13.82	66.8	71.8	74	73.6	78.2
8	17.2	20.14	31.88	10.1	12.15	63.6	68.2	69.2	71.2	73.6
8.5	15.4	20.3	33.88	7.4	8.69	70.8	75.6	77.4	77.4	79.4
9	17.74	19.66	32.42	9.72	6.56	72.8	75.8	77.6	78.6	81.2
9.5	19.04	20.86	34.74	11.93	11.44	74	76.8	77.6	76.8	79
10	16.34	18	28.04	9.34	9.3	66.6	71.4	73.6	75	77.6
10.5	16.56	20.5	29.72	8.29	10.77	69	70.8	73	73	76.8
11	18.26	19.8	29.76	13.28	10.19	66.2	67.8	71.4	74.6	74.2
11.5	12.9	15.52	29.52	8.9	7.9	57.4	61.4	62.8	65.2	69
12	13.12	15.08	27.98	7.89	8.63	61.8	67.2	68.2	71	73.2
12.5	9.1	15.22	30.98	7.79	12.03	61.4	67.4	68.4	69.2	73.6
13	7.68	18.05	32.8	8.92	14.59	58.6	68.5	69.2	70.6	75.2

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-80024

	DI			DP		RQI				
M.P.	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
5	15.875	10	28.025	8.54	1.658	60	64.75	67	68.5	69.75
5.5	0.1	1.6	11.6	0	0.304	49	52.2	49	52.6	57.8
6	0.16	0.2	7.54	0.15	0	46.6	49	47.4	49.8	52.2
6.5	0.4	0.48	17.92	0	0.188	48.8	54	55.8	51.8	55.6
7	0	0.5	20.72	0	0	50.8	52.8	57.8	54.4	59.6
7.5	1.2	1.98	32.88	0.92	0.384	47	49.6	57.6	51.2	55.2
8	0.68	1	20.4	0.68	0	48.6	49.8	50	52.8	57.2
8.5	0.58	0.2	11.6	0.49	0	49.8	50.8	47.6	52.8	55.6
9	4.82	4.6	20.36	2.3	0.588	51.6	52.8	52.2	57	61.2
9.5	0.74	0.6	10.04	0.34	0.196	51	51.8	53.4	56.8	58.8
10	0.9	1.38	8.86	0.81	0.196	49.4	50.2	48.75	53.2	56.2

CS-34043

	DI			DP		RQI				
M.P.	93e	95e	97e	93e	95e	92e	93e	94e	95e	96e
0	0.04	0.28	0.3	0	0	41.75	43.5	41.75	52	47.25
0.5	0	0.3	0.4	0	0	43.8	44	44.4	45.4	47.4
1	0.2	0.25	0.16	0	0	37.4	39	40.2	40.6	44
1.5	0.04	0.4	0.24	0	0	43.4	41.8	44.4	44.8	46
2	0	0.9	0.62	0	0	46	45.8	47.2	49.2	49.8
2.5	0	2.08	0.32	0	0.69	46.4	47.4	47.6	50.2	51
3	0.32	1.7	0.2	0.3	0.386	41.2	40.8	41.8	45	49
3.5	0.32	0.9	0.68	0.3	0	44.2	46	45.8	46.4	50.2
4	0	0.96	0.42	0	0.15	44.8	44.8	46.4	48.4	49.8
4.5	0	5.74	0.8	0	0.304	45.2	45.8	47.4	49	50.2
5	0	2.42	1.5	0	0.534	48.4	50.8	51.6	53.4	54
5.5	0	2.04	0.3	0	0.908	47.2	48.6	47.8	48.8	52.8
6	0	2.58	0.16	0	0.912	42.2	43.4	44	47.2	46.6
6.5	0.5	5.34	0	0	2.336	43.8	45.4	45.4	50.4	50

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-81076

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	33.18			26.92		83	88	88.6	85.8	89.4
0.5	16.04			15.46		77.6	80.6	78.8	78.2	77.4
1	17.13333			12.25		79.2	82	85	82.8	83.8
1.5	14.54			11.24		79.4	81.8	82.8	82	83.6
2	14.88			13.32		77.4	78.2	81.2	79.6	80.4
2.5	15.92			14.19		78.2	80	81.4	76.4	80.6
3	19.86	N.A.	N.A.	18.27	N.A.	74.8	80	79.4	77.4	79
3.5	19.14			18.03		73	80.4	77.4	80.6	81.6
4	16.06			15.81		72.2	77	77	77.2	74.2
4.5	24.5			22.83		85.2	85.2	83.2	85.8	81.6
5	28.2			23.05		92.2	89	85.6	90.2	91.2
5.5	21.64			19.62		76.8	83.2	79.6	82	80.4
6	26.22			22.65		73.4	79.4	80	79.6	80

CS-39014

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0		50.84	54.66		44.57	67.6	72.4	79.4	71	73.8
0.5		47.56	46.78		44.07	71.8	74	75.6	76.6	77.2
1		27.02	37.6		23.17	69.2	70.6	76.4	77.8	77.2
1.5	N.A.	15.94	20.62	N.A.	14.48	70.2	72.6	69.8	73.8	73
2		33.38	29.68		22.67	69.8	72.8	74.8	77.2	76
2.5		28.6	32.875		23.78	67.5	67.75	73.5	72.5	69.5
3		23.94	33.58		20.68	66.6	70.4	68.2	66.5	66.25
3.5		26.62	36.8		23.25	67	71.4	68.8	68	69.2

DI, DP and RQI Data for Rigid Pavements (Continued)

CS-82122

M.P.	DI			DP		RQI				
	93w	95w	97w	93w	95w	92w	93w	94w	95w	96w
2	7.86	10.38		6.68	8.95	51.4	53.2	57.4	58	54
2.5	7.36	7.96		4.3	5.72	47.6	55.8	57.2	53.6	59
3	4.3	10.56		2.69	7.98	51.6	54	65.8	58.4	66
3.5	16.64	31.68		8.38	29.45	68.4	62.2	75.8	60.2	77.6
4	17.2	22.8		14.27	20.54	58.8	65.6	60	64.2	68.2
4.5	11.36	18.68		9.43	12.46	56.2	61.2	63	65	64.2
5	15.94	22.36		12.33	15.7	55.4	63	52	62.4	52.4
5.5	10.38	12.98		6.52	7.18	49	46.8	49.2	49.6	47.2
6	11.24	15.72		6.28	8.51	43.6	43.8	45.6	44.4	49.4
6.5	8.74	11.24	N.A.	4.88	6.55	54.2	47.6	53	52.8	57.2
7	5.88	12.96		5.09	11.55	55.4	50.2	57.4	52.8	57.6
7.5	6.02	13.96		4.34	4.79	57.4	55	55	58.2	54.4
8	2.88	8.1		2.7	6.64	52.6	39.4	53.8	42.4	50.2
8.5	9.16	16.46		7.2	13.13	63.6	63.8	71.2	58.6	62.6
9	10.075	19.475		6.11	13.79	78	71.25	72.25	63.7	72.25
9.5	8.86	21.68		4.85	15.66	59.6	68.2	69.6	62.6	70.2
10	12.7	21.4		6.94	13.61	63	61.2	58.2	60.4	70.8
10.5	7.86	17.1		4.02	12.01	58.2	57.6	60	63	65.8
11	10.28	19.92		6.94	12.83	62.2	59	62.8	63.2	70.6
11.5	8.38	15.74		4.87	10.56	54.5	59.8	52.5	58.5	53

DI, DP and RQI Data for Composite Pavements (continued)

CS-06072n

M.P.	DI			DP		RQI				
	'93n	'95s	'97n	'93n	'95s	'92n	'93n	'94n	'95n	'96n
0	50.58333	34.425	1.24	35.49709	19.57238	88.5	98.75		42	47.75
0.5	13.48	0.62	5.76	7.512	0	44	48.8		33	39.4
1	13.78	40.8	31.18	6.5	25.258	46.2	47.4		44.8	47.2
1.5	19.35	55.5	30.94	12.12671	42.6925	52	58.75		50.66667	54.66667
2	25.58	58.3	40.4	20.106	46.796	47.6	46.2		51.6	41
2.5	16.78	49.84	32.16	8.692	33.726	42	44.8		53.4	45.6
3	13.58	36.88	26.56	7.222	21.496	42.2	44.2		47	51.4
3.5	7.94	41.72	25.52	1.14	22.474	34.8	39.6		36.8	40.2
4	9.475	24.275	15.66	2.727377	7.335	48	47.25	N.A.	51.25	58
4.5	12.2	38.92	25.18	6.512	15.7	55.6	56.6		59.2	63.2
5	7.22	25.94	18.4	2.154	12.306	46	48.8		49.2	53.6
5.5	2.12	17.32	6.82	0.188	6.706	33.4	35.6		42.6	43.4
6	5.26	17.94	11.24	2.528	6.772	40.4	42.6		45.2	48.6
6.5	21.3	34.08	35.38	14.65186	16.792	62.6	64.8		70	74
7	36.45	52.525	55.3	24.63269	32.405	77	84.66667		82.33333	82.66667
7.5	19.56	76	61.84	13.972	42.21	61	58.6		67.6	73.4
8	37.14	168.72	78.64	21.17	85.498	59.2	54		62.8	68.4
8.5	28.72	114.12	72.36	24.68	77.378	63.8	64.6		66.6	75.4
9	19.26	122.66	90.58	18.81593	63.412	61.8	62.8		67.8	78.8

DI, DP and RQI Data for Composite Pavements (continued)

CS-10031n

M.P.	DI			DP		RQI				
	'93n	'95n	'97s	'93n	'95n	'92n	'93n	'94s	'95n	'96s
0	69.66	70.58	88.84	44.328	47.674	45	50.6	48.2	54	53.6
0.5	65.62	67.28	96.14	42.36	41.972	48	50.8	50.2	54.4	56
1	94.74	70.46	83.42	60.176	48.33	58.4	60.4	62.6	61.8	67.8
1.5	88.1	67.22	170.14	54.344	45.254	52.6	56.4	55.4	54.8	58.8
2	81.9	64.7	94.06	48.982	46.084	50.4	57	55.8	62.2	59.2
2.5	51.04	37.7	85.7	24.056	21.172	55.8	53.4	57.2	58	64.6
3	54.12	46.7	71.08	31.412	31.058	55.2	54.4	58.6	61	60.8
3.5	53.04	44.56	58.78	36.08	33.036	52.6	56.8	58.8	59.2	60.8
4	28.48	31.24	108.6	11.878	14.282	47.4	47.4	50	51.4	55.4
4.5	45.04	39.16	89.6	19.37	19.008	56.6	62.8	62	65	66.2
5	74.72	56.96	79.36	52.69	41.2	68.6	67	67.4	70.4	71.4

DI, DP and RQI Data for Composite Pavements (continued)

CS-18011

M.P.	DI			DP		RQI				
	'92e	'94e	'96w	'94e	'96w	'92e	'93w	'94e	'95w	'96w
0		24.65	58.125	12.208	15.88	43.8	54	50.4	56.4	61
0.5		32.98	31.95	16.84543	21.635	47	49.25	54.25	54	58.75
1		28.22	49.06	17.79	30.664	42.2	45.2	58	50.4	60.4
1.5		23.4	63.14	13.414	37.402	46.2	50	59.6	58.6	63
2		25.06	38.4	17.572	17.552	46.6	48.6	52.8	52.6	55.6
2.5		28.38	38.8	21.11	22.028	47.8	46.8	53.8	48.6	52.4
3		21.06	25.8	13.974	14.006	46.2	46.4	47.2	51	56.8
3.5		36.84	39.12	29.878	26.568	50.8	54	61	58.8	64.4
4		46.32	28.86	39.73495	18.606	52	52.8	64.6	55.4	59.2
4.5		34.225	41.64	27.8275	32.106	57.5	59.75	58.5	66	68
5	N.A.	26.06	43.48	20.984	32.226	59.2	60.2	57.4	63.4	68.2
5.5		12.9	47.1	7.276	28.636	51	52.8	45.8	57	58.6
6		33.42	59.4	22.462	40.116	51.4	58.6	60.8	65.4	67.6
6.5		32.26	89.42	25.416	60.168	62.8	62.8	53.2	67.8	71.6
7		24.94	30.82	21.706	21.01	38	40.6	49.6	44	51.6
7.5		18.18	41.34	11.388	31.518	54.8	54.6	48.2	56.6	61.2
8		15.32	45.52	8.864224	35.092	52.4	55.8	59.2	58.8	62.6
8.5		24.96	45.92		19.804	61	59.4	72.6	67.6	69.6
9		33.04	23.9	21.66779	6.938	54.4	48	67	62	66.6
9.5		31.02	42.28	18.598	30.98	44	48.4	55.4	59.2	62.2
10		36.34	66.96	22.586	52.094	59.4	65	58	69	68.4
10.5		42.26	81.68	30.758	54.01	57.6	60	60.8	65.6	70.6
11		35.08	57.52	24.348	38.922	57.4	56.8	56	59.6	65
11.5		34.6	72.36	25.80532	55.462	54.4	60.2	63.4	64.8	72

DI, DP and RQI Data for Composite Pavements (continued)

CS-22012

M.P.	DI			DP			RQI				
	'92n	'94n	'96s	'92n	'94n	'96s	'92n	'93n	'94n	'95n	'96s
10.5	37.06	35.24	39.84	21.654	15.774	25.184	46.4	49.6	55.8	60.4	58
11	36.16	39.28	39.54	21.064	19.68	22.176	47	41.8	46.4	56	61.2
11.5	27.38	33.9	42.68	14.08008	14.63217	26.285	45.4	46.6	54.8	55.4	63.8
12	24.12	21.76	46.92			24.69	30.8	31.8	34.8	39.2	41.8
12.5	36.58	35.24	44.16	21.56135	16.832	26.25227	48.8	43.4	46.25	51	63.8
13	28.68	28.56	34.26	19.478	13.516	18.768	51.2	46	48.2	55.6	65.4
13.5	26.44	23.62	32.66	15.232	4.66	13.536	45.2	35.8	37	42.8	61.2
14	30.56	15.56	24.48	22.718	3.98	6.842	49.4	39.6	42.8	47	63.4
14.5	30.2	15.16	20.72		1.67372	5.36	33	36.8	36.6	41.4	55
15	23.7	19.9	43.475	16.62	9.995	30.74774	42.4	40.2	40.6	46.2	60.2
15.5	42.3	22.5	51.84	17.464	14.818	43.768	45.8	42.8	47.2	51	65

CS-76012n

M.P.	DI			DP			RQI				
	'92n	'94n	'96n	'92n	'94n	'96n	'92n	'93n	'94n	'95s	'96n
2.5	12.16	18.48	39.94	6.24	10.62	24.462	43.6	49.6	51.6	53.2	61.8
3	14.98	17.46	43.68	7.851346	10.9025	26.28	44.2	43.8	51	55.2	56.4
3.5	10.9	20.65	37.12	7.173898	10.82343	20.5	38	38	42.6	45.8	53.6
4	13.26	26.375	40.575	12.6569	12.53704	25.88	35.8	39.6	44.8	40.4	49.8
4.5	11.44	23.54	36.08	8.608405	13.92361	19.585	43.2	42.8	47.2	53	58.2
5	13.34	32.06	58.9	3.345	7.25	11.42	27.8	27.4	35.8	40.8	44.8
5.5	11.54	14.44	29.86	5.688057	8.832	18.888	46	38.4	48.4	57	62.4
6	7.6	12.65	39.95	3.863014	8.786364	26.44	34	31.2	36.8	47.4	52.2
6.5	9.3	16.8	47.14	7.62			39.5	48.25	43.5	36	41
7	15.22	16.82	29.92	6.604	9.518	14.6	48.6	50	51.8	47.4	63.4
7.5	14.94	16.76	28.64	5.882	8.528	11.366	48.2	48	66.2	47	69.8

DI, DP and RQI Data for Composite Pavements

CS-25131n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	7.58	14.88		3.412	10.64	49.4	51.2	60	57.6	62.6
0.5	7.4	14.96		4.652	11.378	45.4	50.4	56.6	59.8	58.4
1	8.76	18.32		0.96	5.802	38.2	40	44.6	46.2	54.4
1.5	7.32	18.36		0.398	5.47	36.2	40.8	41	46.6	57
2	15.875	32.3		4.280904	15.06756	48.25	57.5	58.25	58.5	
2.5	7.42	21.22		0	4.928	36.6	39.6	40.4	42	45.6
3	11.95	23.76		2.604839	6.623355	42.75	40.75	45.5	51	52.66667
3.5	4.16	16.32		0.388	6.92	30.4	30	32.4	40	42
4	5.78	16.32	N.A.	0	5.466	29	32.4	42.6	41.4	47.2
4.5	6.28	17.42		0	5.030081	38.6	48.8	43	52.8	59
5	6.34	21.2		0.73281	7.18698	33.8	37.4	40.4	46.2	47.4
5.5	5.22	20.98		0.768	7.268	38.2	42.8	44.8	53.4	54.6
6	4.28	16.5		0.388	6.326	30	35.6	36	41.2	47.6
6.5	3.62	16.78		0.2	6.69	31.4	35	37.8	42.6	43
7	3.42	15.04		0.492	7.27	30.2	33.4	33	41.8	49.2
7.5	3.74	14.48		0.188	5.352	31.8	33.6	36.4	40.6	42.2
8	3.68	12.26		0.188	4.456	33.8	36.8	39.4	47.8	52.6

DI, DP and RQI Data for Composite Pavements (continued)

CS-38083e

M.P.	DI			DP		RQI				
	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
3	21.14	57.92		12.868	34.736	82	89	90	85	87.2
3.5	35.7	51.92		19.684	32.492	66.6	70.6	80	77	78.6
4	44.28	58.16	N.A.	32.416	41.482	62.2	65.2	70.8	69	73.8
4.5	29.86	49.22		22.316	28.9	64.6	64.2	68.2	65.6	68
5	30.74	52.66		18.29	30.844	61.2	64.6	68	64	67.6
5.5	65.36	54.5		20.166	31.944	68	68.4	68.2	70.33333	73.6

DI, DP and RQI Data for Composite Pavements (continued)

CS-38101e

	DI			DP		RQI				
M.P.	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
0	20.44	29.7	36.78	10.28	15.02	40.2	41.6	45	50.2	54.2
0.5	24.34	37.04	44	10.93457	21.28902	43.8	46.6	48.6	56.4	58.4
1	20.54	36.525	24.26667	11.4225	17.26	44.75	40.25	49	54.5	51
1.5	22.14	35.34	34.92	7.448	13.618	37.8	40.2	45.6	50.2	58.4
2	18.22	23.96	25.52	4.488	5.14	41.2	44.2	46.6	50.2	51.6
2.5	13.06	23.7	21.84	3.24	5.68	38.4	37.8	44.4	48.8	49.4
3	11.56	17.58	21.02	3.044	3.816	38.8	37.6	44.4	46.8	50.8
3.5	12.46	18.08	23.82	3.948	4.373836	35	37.4	42.8	48	50.4
4	23.725	31.9	40.55	10.72907	16.47326	50.5	51	59.75	62.75	67
4.5	11.96	15.5	27.32	5.276	8.933967	36	41	43.4	42.6	45
5	19.2	29.04	36.04	9.522857	15.68508	50	51.4	56	56.6	57.4
5.5	11.04	19.92	25.5	3.888	7.98	38.4	37.8	42.2	43.4	44
6	10.46	20.62	25.58	4.388	7.994	40	42.2	46.2	49.4	54.4
6.5	12.4	18.02	29.92	6.481813	10.6855	40	42.6	43	48.2	53.4
7	23.62	35.82	38.8	15.06608	24.8772	64	65.4	67	71.6	70.2
7.5	15.74	26.96	34.44	4.956	11.572	36.8	38.8	42.8	47.8	50.2
8	17.08	29.88	35.7	5.675	15.14679	37	36.2	41	44.8	47

DI, DP and RQI Data for Composite Pavements (continued)

CS-38131n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	14.775	16.95	28.525	2.843269	2.959273	46.8	57	56.8	56.8	57.75
0.5	13.4	15.76	28.9	2.008	3.335	42.8	44.6	47.4	50.2	57.8
1	12.275	15.25	23.575	1.999521	4.303854	43.75	46.5	51.75	39.33333	46.66667
1.5	13.58	19.12	30.9	4.708	4.902	45.4	41.6	53.6	53.8	57
2	20.54	27.22	45.04	4.484	5.258	36.6	37	45.6	49.6	56.2
2.5	17.12	19.88	33.02	7.192	5.752	47.4	47	52.2	56.2	59.2
3	14.425	17.775	33.25	7.340556	6.123101	40.5	43.5	45.33333	55.8	52.75
3.5	17.42	18.48	37.02	8.146	6.54	38	43.4	46	47.2	50.4
4	17.58	22.62	42.5	8.68	7.144	42.8	39	45.2	47.6	55
4.5	16.16	18.8	29.96	6.71	8.872	49.4	46	54	55	58.6
5	22.475	20.375	34.25	12.89333	10.41957	55.8	52	58.8	59.2	63.6

CS-11011

M.P.	DI			DP		RQI				
	'93e	'95e	'97w	'93e	'95e	'92e	'93w	'94w	'95w	'96w
0	6.5	26.7	18.925	0.188	12.65	46.8	39	48.8	44	50
0.5	9.48	25.14	36.88	0.376	9.448	43.2	38.6	67.6	49.2	53.4
1	8.82	27.08	36.9	0.964	12.048	43	39.4	56.6	49	54.4
1.5	8.54	23.5	29.68	0.572	5.244	40.6	35.8	37.4	44.2	59.2
2	10.8	25.46	40.06	0.574	4.77	43.4	38.6	42.2	44.5	52.8
2.5	10.52	29.28	39.04	1.44	9.1	46.8	40.4	45.8	45.33333	50.8

DI, DP and RQI Data for Composite Pavements (continued)

CS-39024e

	DI			DP		RQI				
M.P.	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
1	15.86	17.26	37.74	6.048	4.594	29.2	33.4	36.2	43.4	40.8
1.5	20.1	14.26	34.56	9.742	1.344	24.4	28.4	32.8	43.5	39.4
2	19.06	16.74	43.36	10.118	4.672	38.4	43.2	49.6	54.8	48.6
2.5	20.72	18.5	38.34	12.026	7.19	35.4	42.2	48.2	53	47.8
3	21.78	20.06	34.9	11.594	7.316	36	41.2	43.6	49.8	46
3.5	20.48	15.7	35.02	11.002	5.172	37.4	45.2	47.8	50.6	49.2
4		9.6	33.3		7.02	59	53.4	50	52	51
4.5		1.82	9.966667		0	85.2	37.4	36.8	42.4	43.6
5		5.36	17.6		0	82	29.6	34	39.8	40.4
5.5	N.A.	5.2	17.88	N.A.	0	84.4	31.4	34.8	40.2	41.6
6		4.45	17.6		0	90.5	47	36	43.5	44.5
6.5		2.275			0	83	44.25	42.25	40	42
7		1.1	18.18		0	83.4	33.6	28.4	38.8	40

CS-81104e

	DI			DP		RQI				
M.P.	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
0	47.1	19.6	63.4	28.04	8.57	41.8	48.4	45.8	53.4	63.2
0.5	34.74	26.36	63.78	20.532	13.398	41.2	45	46.4	50.6	60
1	42.66	30.64	90.2	27.516	16.63	40.6	48.6	47	56.6	62.2
1.5	54.18	35.78	55.36	23.216	15.63	47	56.4	59.2	57.4	59
2	38.175	37.4	116.3	20.9075	14.81593	43	53.25	60.75	52.66667	65
2.5	42.16	35.6	193.76	25.278	12.96	46	52	62.4	62	72.6
3	48.35	37.85	67.96	33.785	15.79	52.75	54.25	64.75	63	68.5
3.5	50.1	33.5	77.86	24.442	9.566	47.6	56.6	64	65.8	68.6
4	34.82	28.2	60.9	19.646	11.56	44.8	54.4	57	63.2	64.4
4.5	35.52	28.98	66.14	19.2	10.698	48.2	55.4	53.8	59.4	70.6
5	35.16	27.48	59.76	23.95	8.19	42.6	52.8	60.2	61.2	63.8
5.5	42.2	30.06	55.48	24.758	10.214	43	47.2	54	60.2	64.4
6	38.92	31.32	60.14	23.964	11.852	39.2	39.8	49.4	52.2	54.4

DI, DP and RQI Data for Composite Pavements (continued)

CS-46011n

M.P.	DI			DP		RQI				
	'93n	'95n	'97s	'93n	'95n	'92n	'93n	'94s	'95n	'96n
0	35.94		58.95	25.136		54.4	60.8	65.2	65.4	71.2
0.5	68.575		115.55	29.30416		66.75	73.5	74.5	73	81.66667
1	29.9		42.28	20.522		68.8	70.4	75.4	74	82.6
1.5	25.74		53.04	15.276		63.6	64.6	72.8	69.8	71.2
2	27.62	N.A.	90.52	14.372	N.A.	58.2	61.4	64	65.6	71
2.5	54.5		88.42	25.578		57.8	58.6	55.2	61.6	71.6
3	49		91.44	19.156		58	63.8	58.2	69.4	68
3.5	65.26		76.06	40.226		61.2	67.2	63.2	69	67.8
4	82.9		64.86	50.602		65.2	71	57.6	73.4	73.6
4.5	61.84		60.12	32.326		62.2	68	64.8	69.8	68.4

CS-26011

M.P.	DI			DP		RQI				
	'92n	'94n	'96s	'92n	'96s	'92n	'93n	'94s	'95n	'96s
0	34.72	56	57.12	13.998	33.02013	59.4	62.4	62.4	66	72.2
0.5	37.04	61.8	70.04	20.094	38.226	63	61.8	64.6	67.8	81.8
1	54.7	67.4	70.22	29.32	37.464	67.2	67.8	69.25	68.4	81
1.5	51.26	71.8	58.44	27.7	28.934	66	66	68.8	68.4	72
2	52.62	72.74	71.3	30.986	41.43534	66.6	68.4	70	72	79.2
2.5	53.82	74.6	87.4	29.998	55.738	62.2	65.2	66.8	65.6	71.4
3	44.68	71.66	94.34	28.31	59.86	64	60.6	65.4	65.2	75.2
3.5	44.58	73.04	73.64	26.17	43.882	73.4	64	68.6	67.8	78.4
4	57.36	77.8	56.26	33.624	33.492	65.2	66.2	63	69.2	74
4.5	57.925	73.275	59.55	36.31991	40.60804	75	74	79	79.25	82.75

DI, DP and RQI Data for Composite Pavements (continued)

CS-49022w

	DI			DP		RQI				
M.P.	'93w	'95w	'97w	'93w	'95w	'92e	'93e	'94w	'95w	'96w
0	12.04	7.18	9.98	6.744	0.893462	37.8	41	42.8	45.4	47.2
0.5	7.16	13.94	19.5	1.9	4.102	31.8	32	32.4	41.4	44.2
1	25.46	33.08	50.38	16.39	18.30849	38.8	40	42.4	48.4	48.8
1.5	12.04	18.66	34.82	4.92	7.612	35	38.2	45.2	49.6	51.4
2	20.1	28	49.62	8.246	11.006	41.4	40.6	40.8	45	48.8
2.5	21.12	25.1	65.18	9.016	10.136	36.6	36.6	37.4	43.2	46.2
3	36.54	33.84	127.36	20.936	15.546	33.4	33.8	36.8	45	46.4
3.5	22.04	23.86	52.06	7.632	6.662	38.8	38.8	39.2	45.6	49.2
4	37.9	34.76	169.86	21.992	14.824	39	38.6	42.6	47.8	52
4.5	40.075	39.55	165.15	23.962	23.20778	39.5	41	39	46.75	50.25
5	10.54	12.2	29.92	3.74	2.958	40.4	42	45.6	51	52.4
5.5	8.5	8.75	17.24	1.69	0.5	44	38	41.2	47	49.6
6	7.05	13.03333	16	2.94	4.056911	34.2	29.8	42	48.6	51.4
6.5	6.1	12.98	20.36	3.006	4.094	27.8	28.8	31.8	41.2	45.4
7	39.08	44.12	175.66	24.744	28.364	34.4	39.2	39.6	47.2	52.8
7.5	16.9	25	82.16	2.152	12.05	29.2	34	34	44.4	46.6
8	30.48	33.72	112.64	23.354	19.72	36.8	39.6	47.8	57.6	58.6
8.5	15.82	23.12	60.34	11.182	13.312	30.4	33.6	41.6	48.8	54.6
9	16.66	21.12	41.9	12.468	12.508	26.6	27.4	45.4	52.4	59
9.5	7.42	10.26	20.08	4.452	4.57	29.4	32.8	41.8	46	47.4
10	5.14	8.46	10.54	2.274	2.524	35	37.6	39	44.2	44
10.5	33.62	48.9	217.36	13.496	29.206	40.8	46.33333	51.8	63.2	62
11	94.56	65.34	392.1	29.282	42.936	43.2	49.6	57.4	69	70
11.5	59.675	58.6	416.675	25.874	31.93113	41	48.75	48.75	56.5	62.25
12	75.52	49.16	327.28	39.064	24.91	49.8	53.8	50.6	58.4	61

DI, DP and RQI Data for Composite Pavements (continued)

CS-53022w

M.P.	DI			DP		RQI				
	'93w	'95w	'97w	'93w	'95w	'92e	'93w	'94e	'95w	'96w
0	21.6	45.075	50.225	12.96187	20.9875	63.6	64.8	63	64.5	70.4
0.5	16.5	31.38	52.52	12.268	19.392	59.2	56.2	51.6	60.8	61.8
1	19.12	37.98	57.12	14.29	24.334	60.2	52.4	59.8	57.4	67.8
1.5	24.72	39.58	70.7	17.22	25.482	57.8	53.2	55.6	58.8	64.8
2	18.22	28.18	47.26	13.752	21.336	54.8	49.2	53.4	56.6	61.6
2.5	13.22	27.74	39.62	11.036	20.954	56.8	51.4	61.6	59.2	66.8
3	13.88	30.28	43.38	7.396	15.424	56.6	54.6	58.8	61	66.6
3.5	16.2	35.9	65.82	11.666	24.072	45.4	52.4	49.8	59	55.6
4	14.98	26.84	42.7	8.462	17.836	38	50	40.6	55.4	50
4.5	12.06	30.32	41.36	7.328	19.732	41.4	45.8	46.6	53	52.8
5	13.42	34.16	43.5	9.47	21.118	41	41.2	47.2	47.8	54.2
5.5	13	36.56	46.36	6.266	22.026	37.8	42.6	41.4	51	50.2
6	19.34	43.1	58.88	11.5	27.562	44.4	53.4	50.2	59	59.8
6.5	11.88	31.6	50.08	10.636	21.25	42	49.2	44.4	57.4	55
7	9.8	26.58	43.68	9.264	20.126	40.8	47.6	36	55.4	48
7.5	9.32	26.84	39.44	6.582	17.322	44.2	41.6	56.8	48.4	59.6
8	12.12	24.5	32.02	10.314	20.574	51.5	56.25	53.25	58.5	65
8.5	12.72	26.74	47.28	8.148	19.028	46	41	50.8	49.4	56.6
9	18.08	36	61.22	9.054584	15.648	42	47	45.2	50.4	56.6

CS-81063e

M.P.	DI			DP		RQI				
	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
0	12.1		16.52	4.068		40.6	41.6	41.4	12.1	35.2
0.5	19.44		9.16	8.778667		37.4	38.8	39.6	19.44	49.6
1	35.54	N.A.	7.66	9.167611	N.A.	51.8	55	55.2	35.54	46.6
1.5	26.52		15.88	15.526		47.2	46.6	49.6	26.52	46.6
2	18.55		18.25	9.630494		45.75	54	55.25	18.55	48.25
2.5	11.52		20.88	2.184		48.8	52.6	55	11.52	50.4

DI, DP and RQI Data for Composite Pavements (continued)

CS-55011n

M.P.	DI			DP		RQI				
	'92n	'94n	'96s	'94n	'96s	'92n	'93n	'94n	'95n	'96s
3.5	4.42	3.36	20.44	0	9.254	22.8	21	22.8	28.4	34.4
4	2.44	5.54	18.08	0.376	6.694	24.2	23.4	25.2	31.6	32
4.5	1.2	6.98	15.6	0	6.434	28.4	26.8	27.2	33.2	37.4
5	0.6	4.4	12.7	0.376	5.178	29.8	25	28.4	35.8	36.4
5.5	0.14	3.62	12.14	0	6.026	21	20.4	23.4	29.6	36.8
6	0	1.3	12.9	0	5.244	22.2	22	26.2	32.8	31.2
6.5	0	0.48	11.04	0	7.28	23	23.2	22.2	28.6	29.4
7	0.18	1.38	11.6	0	5.67	23	23.4	25.4	31	29.6
7.5	0.24	1.08	14.96	0.188	9.024	19.8	19	19	25.8	26.2
8	1.1	0.62	11.8	0	5.602	22	22.8	25.4	31	29.6
8.5	0	0.82	16.56	0	6.586	17.4	16.8	17.8	25.2	28.4
9	0.78	3.68	17.5	0	9.52	21.25	20	29.5	25	27
9.5	1.12	3.18	25.3	0.05	15.492	25.8	28.6	31	39.4	42.4
10	0.333333	1.2	20.56667	0	9.63	18.8	18.4	18.4	27.2	27
10.5	0.425	2.725	17.075	0.4375	7.62	16.2	17.6	17.6	26.6	30.6
11	2.34	2.52	20.66	0.95	10.844	20.6	20.2	23.4	32	26.6
11.5	7.625	8.5	25.85	4.8625	12.85	21	21.4	22.6	30	31
12	2.54	4.6	15.28	2.292	13.012	21.8	22	22.4	29.8	29.8
12.5	0.65	3.225	16.5	0.5625	8.045	13.8	12.4	15.4	28.6	31.8
13	2.175	7.425	14.825	4.705	7.1375	21.2	20.6	23.6	31.4	34
13.5	0.25	1.475	9.575	0.5	2.9775	18.8	19	18.2	27	28.6
14	2.9	2.34	13.22	1.25	5.818	14	15.2	19	28.2	31.2
14.5	7.76	4.8	20.06	2.588	10.02	17	16.8	20.6	25.4	37
15	6.12	5.56	22.3	1.95	11.872	21.4	24	25.8	32.8	38.8
15.5	2.3	3.8	19.08	1.8	10.174	26.2	24.8	26.8	36.5	39.2
16	2.84	4.84	19.96	1.324	11.526	18.4	21.4	27.8	32.6	35
16.5	4.54	1.94	17.44	0.65	8.178	15.8	16.6	19	32.2	35.4
17	4.85	3.3	17.1	0.6875	10.4625	21.2	27.8	26.4	35	38
17.5	4	1.18	10.12	0	4.548	16.2	16.6	18.8	26.4	26.2
18	5.04	2.92	14.76	1.788	8.828	26.4	27.8	30.8	36.4	34.2

CS-55011n

M.P.	DI			DP		RQI				
	'92n	'94n	'96s	'94n	'96s	'92n	'93n	'94n	'95n	'96s
18.5	4	0.575	14.25	0	7.145	17.6	17.6	18.2	28.2	28.8
19	1.32	2.34	13.7	0.588	8.572	34.6	34.2	35.4	38.6	39.2
19.5	0.04	1.36	21.28	0.2	12.664	25.6	27.6	28.2	34	31.4
20	0	1.38	18.9	0	9.556	24	23.8	27.6	34	30.6
20.5	0.4	4.58	34.08	2.472	22.496	24	24.2	24.6	32.8	35

DI, DP and RQI Data for Composite Pavements (continued)

CS-58032e

M.P.	DI			DP		RQI				
	'92e	'94e	'96e	'92e	'96e	'92e	'93e	'94w	'95e	'96e
0	49.78	29.22	63.3	34.04863	51.756	73.4	77.8	66.8	72.8	73.4
0.5	60.91667	39.65	33.15	46.02145	7.644	75.25	77.25	73.5	71	74.25
1	41.65	38.98	55.05	26.11031	28.896	78.5	80.75	74	68.33333	74
1.5	46.2	68.64	97.56	31.722	60.334	61.4	66	70.8	66.4	67.4
2	43.12	57.8	82.7	28.97	48.378	56	60	65.6	61.6	60.8
2.5	41.38	59.14	87.34	26.482	49.454	60.8	61.2	66.8	62.6	62.6
3	38.28	56.44	95.64	27.056	55.444	68.8	71.4	74.6	67	69
3.5	38.32	54.48	98.24	22.924	51.862	58.2	61.8	61.4	58.6	61.8
4	44.08	53.78	109.4	22.14	53.356	61.4	62	63	61.2	61.8
4.5	42.12	65.72	129.32	23.734	72.902	59.6	64	66.4	61.4	63.2
5	48.2	69.06	119.42	26.774	73.562	59	62.8	67.2	62	64
5.5	54.02	74.875	122.775	26.57657	68.93	63.6	67.6	63.4	62.4	61.8

DI, DP and RQI Data for Composite Pavements (continued)

CS-63173n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	12.8	35.24	25.8	4.426	13.908	42.6	57.25	50.6	49.6	49.4
0.5	6.6	29.3	24.66	2.616	13.434	44.6	55	50.6	49	49.6
1	8.38	44.24	35.9	4.952	27.58	38.4	58.4	46.4	49.2	47.6
1.5	11.7	46.65	39.525	3.892539	28.58861	42.75	51.2	46.25	48.75	47.75
2	9.14	38.22	32.78	5.226	20.43	43.2	43.2	51.2	50.6	52.8
2.5	10	36.46	27.2	4.172	23.748	43	41.8	50.8	45	45.4
3	12.42	26.48	27.8	2.266	16.482	43.4	48	52.2	46	44.2
3.5	9.4	7.92	23.14	4.77	6.026	39.6	54.4	49.8	51.8	53
4	8.78	8.52	27.54	3.072	7.122	52	58.6	62.4	53.4	50.6
4.5	12.64	8.58	29.2	3.634	7.416	49.8	52.2	57	52.4	56.8
5	16.52	13.68	32.54	5.918	10.06	53.2	49.6	60.2	55.2	54
5.5	13.46	6.6	29.36	3.746	5.626	49.8	46.2	60	56.8	58
6	8.14	7.52	28.06	4.234	4.824	47	49.2	55.4	51.2	56.4
6.5	12.06	6.16	26.32	3.618	4.342	52.2	45.8	56	54.8	60.6
7	8.42	5.72	25.8	4.05	4.6	48.6	54.8	55.6	51.2	61.6
7.5	7.6	6.24	24.14	4.274	5.192	45.4	50.8	54.6	47.2	45.6
8	8	9.26	25.02	4.984	6.028	51.2	42.2	56.8	47.8	54.4
8.5	7.7	11.64	25.62	5.394	8.916	36.2	58.2	54.6	49	59.6
9	10.18	6.72	22.58	7.042	5.004	48.8	54.4	58.4	55.6	62.4
9.5	11.6	6.84	18.58	6.494	5.132	49.2	55.8	64.2	56.8	61.8
10	14.34	10.66	14.38	8.804	8.372	46.2	52	67	60.8	65.8
10.5	7.48	6.32	14.9	4.474	4.93	46	51	57	59.4	58.6
11	8.04	7.64	21.78	4.146	5.154	39.2	45.2	50.8	55.4	55
11.5	7.9	7.46	19.72	3.808	4.812	32.8	44.8	46.6	51.8	52.6
12	7.42	6.2	18.18	4.684	4.346	35.8	50.2	53	51.6	51.2
12.5	9.76	8.92	22.12	6.964	6.938	40.6	40.25	61.4	55	58.2
13	8.48	9.56	13.5	5.324	7.744	38.8	44.4	55.6	54.8	50.8
13.5	7.5	8.7	16.04	3.432	6.394	38	50.6	55.4	53.4	54
14	7.8	10.6	20	2.504233	7.125015	57.66667	46.4	65.33333	44	45

DI, DP and RQI Data for Composite Pavements (continued)

CS-73111n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	1.36	9.62	7.26	0	2.93	30	26.5	29	36.5	42.8
0.5	3.24	9.6	9.76	0	5.24	34.6	33	35.2	40.8	46.6
1	4.02	7.66	11.98	0.188	5.146	32.2	33.4	35.6	39.6	44
1.5	4.12	10.6	10.28	0	5.17	25.8	28	31.2	36.6	41
2	5.24	7.92	7.04	0.588	4.24	30.6	31.4	34.2	41	46.8
2.5	3.94	6.08	6.7	0	4.604	29.2	31	33	38.2	43
3	4.74	8.94	7.02	0.188	6.598	32	32.2	34.4	40.4	44.8
3.5	11.48	14.88	12.76	0.586	8.402	33.4	35.8	41.4	47.2	52.6
4	3.375	8.075	7.466667	0	3.91125	30.5	30.25	32.5	36.75	40.25
4.5	5.12	8.7	7.16	0	3.418	33.4	32.8	36	41.6	46.2
5	6.86	12.24	10.48	0.188	4.792	33.6	36.2	40.2	45	47.8
5.5	7.96	13.36	13.18	0	7.174	39.8	39.6	45.66667	47.2	52.4
6	8.46	11.82	11.98	0	5.996	33	33.8	39	44.6	48.8
6.5	5.6	12.075	12.725	0.288535	5.08894	35.25	35.75	36.75	41.25	47.75
7	6.58	15.12	15.6	0.196	6.658	36.6	35.8	40	43.6	50.4
7.5	6.66	16.2	14.72	0.376	8.092	34	33	38.6	43	48.8
8	4.275	13.175	14.23333	0	5.366835	41.25	41.5	41.75	38	43.33333

DI, DP and RQI Data for Composite Pavements (continued)

CS-75022

M.P.	DI			DP		RQI				
	'93w	'95w	'97w	'93w	'95w	'92e	'93e	'94w	'95w	'96w
0							61.8	60.6		71
0.5			N.A.				45.2	42.6		52.8
1							60.4	50.6		55
1.5	20.18	25.92	30.34	1.448	11.192		67.6	59		66.5
2	22.9	23.36	36.3	2.476	8.732		67.6	51		71.6
2.5	16.7	38.16	26.34	5.258	22.092		67	64		76.6
3	20.32	54.52	41.18	8.376	39.724		56.8	48.8		61.6
3.5	32.225	55.425	86.04	8.288	17.5		33.4	34.4		44.8
4	32.125	38.24	98.425	4.71	19.842		37.2	30.8		44
4.5	26.04	27.44	37.96	3.85	11.708		35.2	40.4		50
5	18.22	23.3	23.6	4.41	10.31		38.2	38		47.4
5.5	21.86	26.82	22.44	4.582	11.886		30.8	27		39.8
6	16.92	18.98	21.08	4.95	9.16	N.A.	33.8	28.6	N.A.	37.6
6.5	14.8	20.68	19.28	3.484	9.758		36.4	41.2		49.2
7	16.94	25.44	21.28	3.888	10.92		34	41.6		50
7.5	17.7	28	20.1	5.602	15.026		37.6	44.2		50.8
8	21	23.4	26.42	7.104	11.182		36	41.2		48.8
8.5	17.3	22.34	25.36	6.216	11.588		34.4	46		58
9	9.98	24.22	23.16	3.2	13.294		29.4	38		45.2
9.5	16	30.425	28	5.908	17.245		39.4	43.6		54.6
10	10.04	35.9	36.2	4.43	33.27		43.6	49		54.8
10.5	18.68	39.14	58.3	11.154	22.196		44	49		56.4
11	24.76	42.92	37.84	14.304	23.978		37	45.4		51.6
11.5	27.6	35.22	48.08	13.106	19.12		37.6	39.4		48.4
12	28.22	24.36	34.16	13.716	13.408		41.2	47		49.2
12.5	25.7	21.12	26.86	14.228	12.862		43.8	39.6		32
13	16.5	12.68	20.1	8.238	5.894		32.2	29.4		27.6

DI, DP and RQI Data for Composite Pavements (continued)

CS-76062w

	DI			DP		RQI				
M.P.	'92w	'94w	'96w	'94w	'96w	'92e	'93e	'94w	'95w	'96e
3	5.46	13.94	39.7	5.808398	22.616	75.8	75.2	54.4	73	79.6
3.5	7.56	18.28	36.56	4.252	22.312	78.4	77.6	30.6	77	83.2
4	13.66	26.42	44.12	6.266	28.11	80.4	80.8	36.6	85	89
4.5	9.54	25.52	36.02	9.134	19.006	83.2	90.2	40.6	89	94.2
5	3.7	15.46	27.56	4.964	13.284	76.4	78.6	36.8	84.4	85.2
5.5	6.44	19.58	38.02	9.154	23.766	76	79.8	39	81.4	85
6	5.48	17.72	33.76	6.572	17.306	69.2	72.6	40.8	76.2	81.6
6.5	11.32	26.46	53.2	13.724	35.826	72.4	75.4	49.8	75.4	81.4
7	6.6	15.44	38.74	5.974	24.436	69	71.4	48.6	73.2	84.2
7.5	14.14	22.76	52.08	8.888	31.368	72.2	73.4	51.4	76.6	84.4
8	14.16	20.58	40.8	6.3	23.776	76.4	82.8	54.2	81.6	84.8
8.5	10.68	18.72	37.32	6.262	20.134	80	81.2	47.6	76.8	86
9	9.48	16.18	32.98	4.948	19.29	72.8	74.2	48.6	71.8	75
9.5	6.38	13.06	35.3	3.692	18.758	65.2	66.2	44	70.2	72.4
10	9.44	17.48	42.24	4.508	26.32	70.4	70	43.6	68.2	73.6
10.5	6.24	13.08	37.04	4.436	24.02	70.8	71.8	47	69.4	71.8
11	9.18	15.02	44.38	5.28	31.402	52.8	53.6	47	52.6	60.2
11.5	4.32	10.66	24.08	4.158	14.736	40.8	43.4	41.2	45	56.2

DI, DP and RQI Data for Composite Pavements (continued)

CS-78012

M.P.	DI			DP		RQI				
	'93s	'95s	'97s	'93s	'95s	'92s	'93s	'94s	'95s	'96s
0		36.32	61.05		11.58831	37	39.2	44.2	48.2	44.75
0.5		38.16	72.8		9.316	28	30.2	35.8	41.8	41.2
1		40.86	68.38		13.906	28	30.8	35	41.6	41.6
1.5		37.76	52.6		13.166	27	29.2	37.6	38.2	43.4
2		28.68	49.7		10.531	47.8	51	56.6	53.4	54.4
2.5		3.08	17.96		0	83.6	90.8	89.8	56.4	54
3		4.86	16.1		0.188	66	67.25	76.5	57.8	51.25
3.5		17.9	32.875		8.294	44.8	48.4	50.6	50	58
4	N.A.	31.42	49.56	N.A.	19.244	36.6	40.8	52	50.2	51.4
4.5		30.34	42.56		13.708	39	41	44.4	49.6	53.4
5		38.86	57.54		25.19	46.2	52.8	60	56.6	63
5.5		43.74	63.8		27.444	49.8	56.8	65	57	62.4
6		41.4	60.68		27.68	43.4	49	55.2	60	58.8
6.5		43.6	60.22		28.602	45.8	56	58.8	60.8	61.2
7		58.72	77.66		40.124	43.4	53.6	57.4	60	61.4
7.5		41.58	59.62		28.688	40.6	49.6	53.4	54.4	57.6
8		45.78	65.44		29.644	44	50.8	57.2	57	56.2
8.5		44.7	75.28		31.424	46.2	51.6	55.2	60.8	60.8

DI, DP and RQI Data for Composite Pavements (continued)

CS-82194n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	27.46	44.7	28.5	7.764	15.23	69	78	84.2	75.2	71.25
0.5	23.32	48.78	27.56	7.941542	12.35081	59.6	64.8	66.8	73.6	69
1	45.65	73.15	84.275	16.28	18.70101	79.75	90	88	89.8	92.5
1.5	38.86	52.6	59.34	9.884	13.474	66.4	80	74	79.8	84
2	80.6	35.375	66.45	16.11215	9.989395	69.33333	69.33333	73	76	75
2.5										
3				Bridge						
3.5										
4										
4.5	49.9	58.225	47.15	14.44333	11.095	67.4	78.2	79.2	75.2	81.33333
5	45.38	55.88	38.08	6.694	7.464	58.4	73	72.4	77	74
5.5	63.58	58.18	12.84	15.08	14.914	77.8	87.4	85	84.6	74.4
6	38.06	47.42	32.7	9.502	13.36	76.4	84.8	83	88	78.4
6.5	38.6	46.64	43.98	12.02938	12.888	80.4	84.4	86.6	84.2	86

CS-63091n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	34.68	40.16	108.46	17.806	21.778	94.4	98.4	102	96.66667	93.33333
0.5	39.8	51.44	101.02	26.132	33.644	94.4	98.4	100.4	100.2	101.6
1	13.22	20	57.36	6.614	10.282	73.6	76	80	86.5	74.5
1.5	18.08	21.54	48.92	11.82	14.064	65	70.8	71.4	71.8	65.25
2	24.78	28.94	54.16	11.528	16.06	71.8	76.6	81.2	73.4	77.8
2.5	44.18	44.36	163.48	21.342	25.844	71	74	79.8	79.4	71.8
3	40.68	35.58	79.44	26.61	25.736	82.2	89	87	87.5	84.5

DI, DP and RQI Data for Flexible Pavements (continued)

CS-09101e

M.P.	DI			DP		RQI				
	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
1	3.96	13.16	20.2	0	1.154	34.6	33	33.8	37.4	45.2
1.5	2.84	29.86	49.16	0	3.748	30.6	30.6	32.4	37.6	49.2
2	4.56	36.74	40.8	0	3.192	34	33.8	33.2	39.2	49.8
2.5	3.52	43.94	43.26	0	2.834	20.2	20	23	30.2	42
3	3.96	40.96	40.96	0	4.802	31.8	29	31.2	36	43.4
3.5	3.04	33.84	29.16	0	3.534	26.8	25.8	27.6	36.2	45.8
4	1.98	37.2	22.58	0	4.726	20.8	20.6	23	32.8	43.8
4.5	1.16	37.48	33.66	0	8.538	27.8	27.4	33.6	34.6	45.2
5	1.68	30.36	30.16	0	3.246	34.8	35.4	34	41.8	50.2
5.5	1.28	14.12	24.52	0	1.508	34.2	32.8	32.6	37.2	47.4
6	3.688889	16.64	31.94	0	2.348	38	36.2	35.2	41.2	50
6.5	3.844444	11.72	20.7	0	0.78	35.4	32.2	32.2	36	44.2
7	1.533333	8.42	17.68	0	1.492	32.6	31	29.6	35	42.6

DI, DP and RQI Data for Flexible Pavements

CS-11015e

M.P.	DI			DP		RQI				
	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
0	4.2	34.525	2.5	1.679815	11.88519	27.66667	36	27.66667	35.66667	41.33333
0.5	3.06	35.1	1.62	0.586	13.886	24.2	23.2	25.2	32.6	32.2
1	2	34.84	0.66	0.2	12.742	28.8	27.4	27.8	33.8	30.2
1.5	3.325	30.2	2.65	0.97819	14.05869	34.75	24.33333	35.25	35	38.66667
2	2.1	16.88	1.9	0	5.21	17.6	17.8	19.6	28.8	44.6
2.5	1.4	5.82	1.14	0.188	0.898	40.4	37.2	42.8	46.4	58
3	0.3	4.86	0.66	0	0.784	34.8	35.4	36.8	41.8	60
3.5	2.22	2.44	0.58	0	0.388	20.8	19.8	21.6	29.2	42.6
4	1.34	1.04	0.08	0	0	32	30.2	30.8	36.8	48.2
4.5	1.08	1.34	2.26	0	0	31.8	31.8	33.8	37	51.6
5	0.44	1.54	0.78	0	0	30	29.8	29.6	39.6	59
5.5	0.24	1.04	1.34	0	0	29.8	26.6	28.2	35.8	54.6
6	0	1.46	0.6	0	0	31.4	27.6	29.2	39.8	53
6.5	0.22	0.66	0.02	0	0	27.8	33	26.4	34.4	51.2
7	0.16	0.78	3.14	0	0	41	34.4	36.2	45.2	58.2
7.5	0.18	2.64	1.56	0.143836	0.988076	26.2	29	32	38.2	51.6
8	1.566667	2.033333	0.6	1.055726	1.055726	35	51.66667	39.33333	42	34.5
8.5	0.96	4.34	1.04	0.21	0.762	26	28.6	29	36.2	38.4
9	1.06	3.84	0.82	0	0.574	24.2	22	22.4	31	33.2
9.5	0.52	5.56	2.06	0	0.288	23.8	23.4	22.2	32	31.6
10	1.96	2.3	1.9	0.384	0.188	28.4	24.6	25	33.8	35.8
10.5	1.96	1.84	2.08	0	0	24.6	21.2	29.6	30.6	33.4
11	0.66	2.94	1.9	0	1.03	31.2	31.4	28.6	39.8	34.4
11.5	0.9	3.18	0.84	0.350909	1.224759	36.2	35.5	30	40.25	34.75
12	0.5	3.35	3.2	0.514	0.7175	26	35.8	38	36.25	39.5
12.5	3.4	5.4	1.125	0.661364	2.023071	29.75	27	29.75	38	47
13	2.08	1.8	1.12	0.386	0.996	17.2	20	17.2	25.6	38.2
13.5	3.175	2	2.225	0.740521	0.984149	15.25	16.75	16.75	28.25	38.75
14	2.98	0.24	3.72	0	0	20.4	15.8	16.4	28.8	43.6
14.5	2.32	1.84	0.54	0	0.6	22.2	19.6	21.4	34.4	43.6
15	2.28	1.3	0.6	0	0.388	20.6	21.2	21	33	40.8

CS-11015e

M.P.	DI			DP		RQI				
	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
15.5	1.52	0.48	0.7	0	0	20	15.4	16.4	27.8	42.4
16	0.34	1.24	0.54	0	0.2	24.2	21.8	23.4	31.8	42
16.5	0.5	0.86	1.02	0	0	16.2	18	18.4	26.4	43.4
17	0.8	0.46	0.44	0	0	20.2	25.5	21.6	29.6	41.6
17.5	0.84	0.7	0.1	0	0	25	24.4	32.33333	32.4	38.8
18	0.82	0.72	0.84	0	0	17.4	16.2		30.2	39.6
18.5	1.08	0.8	1.35	0.575189	0.216942	33	34.5		30.66667	42.66667

DI, DP and RQI Data for Flexible Pavements (continued)

CS-11111n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	25.72	86.225	114.775	6.024	58.975	61	68.75	63.75	76	76.25
0.5	32.72	133.36	234.62	9.964	100.15	80.6	87.2	79.6	85.4	85.6
1	33.96	100.14	167.72	17.514	63.544	75.4	82.8	78.6	78.4	78.8
1.5	37.64	129.3	200.52	5.958	91.83	82.6	87	82	77.6	80.2
2	44.175	124.88	139.9	1.898759	77.38764	77.5	86	84.75	83.66667	85
2.5	42.52	122.86	84.68	5.6	87.238	67.8	79.2	75.8	79.6	81.8
3	32.8	137.48	89.46	5.454339	85.07733	69.6	80.2	74.4	84.2	86
3.5	36.9	109.4	181.55	3.377273	77.12104	64.33333	69.33333	68.66667	74.66667	72.33333
4	40	78.1	125.44	0.764	40.816	66	77.4	67.2	75.6	69.6
4.5	29.32	88.5	131.22	1.258	48.692	50	65.2	65.4	61.8	59.2
5	24.06	82.24	82.46	0.688	46.534	61.8	68.2	64.4	74	72.6
5.5	22.44	83.02	93.12	1.074	48.902	45.6	52.6	47	62.2	54.8
6	29.3	102.92	94.98	2.02	61.62	41.8	47.8	40	57.4	59.4
6.5	34.6	102.78	324.36	4.188	65.06	53.2	65.8	55.6	69	71
7	38.4	114.04	237.84	3.346	73.972	47.2	54.2	48.2	56.66667	51.4

DI, DP and RQI Data for Flexible Pavements (continued)

CS-14041

M.P.	DI			DP		RQI				
	'93e	'95e	'97e	'93e	'95e	'92e	'93	'94w	'95w	'96w
9	183.78	218.74		59.606	45.826	51.4		60.6	65.6	70
9.5	111.66	148.98		67.98	60.772	47.6		55.2	67.8	67
10	103.62	132.96		43.836	43.672	39.8		51.6	62.4	63.4
10.5	83.44	86.04		48.352	43.204	55.6		60.6	74.2	75.6
11	104.76	97.38		60.06	51.366	53.2		67	73.4	72.4
11.5	86.58	85.78		45.426	42.246	51.8		60.2	64.6	66.4
12	94.56	121.32	N.A.	51.24	47.432	51.2	N.A.	53.2	56.4	61.8
12.5	123.84	123.2		75.088	50.842	56.2		53	60.8	56
13	126.38	95.775		61.84667	35.858	53.75		63.75	59.25	66.4
13.5	132.06	82.7		82.66	49.916	61.8		67	73.4	72
14	130.28	79.36		71.154	45.006	65.4		71.8	78.8	75.75
14.5	163.62	124.82		99.9	67.148	62.2		66.2	71.25	74.8
15	131.88	85		72.892	43.104	52.8		61.2	65.4	65
15.5	160.525	94.9		100.6625	58.62	59.4		63	62.4	65.8

CS-20016n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	61.26	38.66	95.48	43.97	11.63	49.6	68	52.4	59.4	58
0.5	38.56	35.98	70.58	23.842	10.726	50.4	63.2	51.4	61.6	63.6
1	46.3	38.26	69.72	33.294	14.51	46.8	64.6	49.2	57.6	55.4
1.5	31.44	33.8	62.24	18.982	9.89	48.4	26.6	51.4	58.8	54.6
2	36.94	33.42	78.98	21.334	4.778	49	29.2	50.4	61.2	54.8
2.5	24.64	30.72	80.12	10.944	4.786	54.8	26	53.2	61.4	58
3	28.96	27.06	98.18	17.462	2.666	52.2	26.4	52	56	55
3.5	53.34	34.6	177.92		7.828	51.8	25.4	51.8	55.6	58
4	64.54	28.8	104.96	45.754	3.004	55.4	53.2	61.2	56.6	57.2
4.5	44.4	38.3	78.04	34.06	8.932	54.4	61	59.6	62.4	59.8
5	48	49.5	128.7	31.24	13.798	52.8	66.6	56.6	55.4	51.6
5.5	77.76	59.96	124.74	50.87	26.944	73.8	66.6	76	77.2	73.8

DI, DP and RQI Data for Flexible Pavements (continued)

CS-21032

	DI			DP		RQI				
M.P.	'92s	'94s	'96n	'94s	'96n	'92n	'93s	'94s	'95s	'96s
10.5	62.18	56.65		38.65967		61	69	72.4	63.4	66
11	49.88	51.48		32.094		68.4	70	71.6	74.4	74
11.5	66.7	62.86	N.A.	51.22	N.A.	66.2	62.2	67.2	68.8	71.2
12	72.58	57.16		38.414		60.6	75	80.6	82.2	83.6
12.5	42.16	42.46	89.28	25.816	51.056	56.8	60.4	65.6	68.4	69.8
13	66.52	56.04	73.64	39.4	37.448	57.6	70.4	75.4	77.8	75
13.5	78.02	82.7	97.94	60.722	64.644	55.4	61.4	67	69.4	66.2
14	73.84	94.62	115.1	70.016	86.612	50	55.6	59	61.4	64.4
14.5	70.42	92.24	134.42	75.926	104.344	39.2	48	50.6	52.8	55.8
15	84.92	98.96	109	78.378	79.214	42.2	57.8	60.4	63.8	62.6
15.5	60.86	79.06	112.08	58.178	79.352	45	49.2	50	55.6	56
16	108.96	111.2	140.72	95.222	101.032	44.4	62.6	62.2	64	62.4
16.5	64.8	61.54	130.82	34.074	50.452	58	71.2	76.4	80.2	82.4
17	47.02	48.66	126.32	24.77	36.886	58	63.2	67.4	69.4	70.6
17.5	28.96	36.72	209.3	18.09	29.352	58	62.8	64.2	65.8	68.6
18	39.44	44.34	74.36	18.96	21.668	63.4	70.8	71.8	72.2	77.2
18.5	55.72	55.2	136.68	31.994	29.308	65.8	65	68.6	72	70.6
19	32.32	34.06	172.86	10.298	41.664	59.2	49.8	53.4	57.4	59.2
19.5	35.88	39.28	88.28	18.842	26.258	70.4	67.2	69.2	70.4	71.6
20	58.2	72.22	69.9	29.198	31.966	58.2	59.6	59.8	62.8	64.4

DI, DP and RQI Data for Flexible Pavements (continued)

CS-22013

	DI			DP		RQI				
M.P.	'92n	'94n	'96s	'92	'94	'92	'93n	'94	'95n	'96s
0	45.86	72.56		38.512	52.262	52.6	58.6	61	66.6	35
0.5	65.34	101.74		51.192	76.254	55	63	65.2	69	33
1	22.02	25.9		14.222	12.894	50.4	51.4	55	57.8	32.4
1.5	20.48	23.92		14.1	10.656	42.2	48.4	50.2	51.2	30.8
2	28.06	34		23.35545	18.62083	47.2	50.4	53.6	54.4	25.8
2.5	24.84	31.44		14.22167	19.845	61.2	55.5	63	63	34.25
3	38.56	51.66		24.71934	28.1827	42.4	57	59.6	63	33.2
3.5						69.8	71.8	74.4	74.2	42.6
4	44.5	54.18		34.10667	33.01333	57.4	67.6	71.2	76	34.2
4.5	13.4	19.12		9.11	9.794	44.6	35.5	50	47	32.75
5	11.24	17.82		7.114	8.676	47	47.8	50.8	56.2	30
5.5	19.82	31.04		12.17	14.79	51.6	51	54.6	60	30.6
6	13.1	20.22	N.A.	7.384	11.166	51	49.8	52.2	57.2	29.4
6.5	32.18	51.18		27.014	40.27	59.8	58.2	64.4	68	32.4
7	18.04	24.78		12.398	13.496	53.8	55.8	58.4	61	30
7.5	18.16	26.14		12.832	15.656	51.4	53.4	56.2	59.4	31.4
8	25.12	37.78		19.93	26.522	46.4	54	57.4	59	27.4
8.5	16	29.52		12.136	21.536	67	70	72	75.2	29.2
9	31.58	46.42		25.248	35.014	63.4	73	76.6	78.2	40
9.5	86.26	131.66		72.108	104.666	40.6	48.8	50	59	33.2
10	69.4	121.92		54.382	79.738	50.6	51.2	53.2	59.6	33.6
10.5	50.82	92.7		39.126	46.71	59.6	59.8	63.2	67.6	35
11	43.94	63.36		30.642	36.962	57.4	60	64.2	68.8	35
11.5	56.16	74.9		41.582	54.788	60.8	69.8	74.6	79.4	30.6
12	45.38	67.4		30.632	35.2	59.2	58.2	64.8	66.6	33.2
12.5	53.76	91.02		36.18373	49.42948	56.8	58.6	63.4	65.4	34.4

DI, DP and RQI Data for Flexible Pavements (continued)

CS-25102

M.P.	DI			DP		RQI				
	'92e	'94w	'96e	'92e	'96e	'92e	'93w	'94e	'95w	'96e
0.5	26.18	44.26	107.44	7.08	30.7	42.2	36.6	50.8	46.8	61.8
1	31.08	60.88	96.72	15.02	47.32	41.2	44	45.2	46.8	51.2
1.5	31.84	77.16	88.22	14.948	60.532	34.4	40.2	33.6	43.4	44.4
2	45	82.8	143.96	24.726	63.868	33.2	35.8	35.8	41.8	40.2
2.5	43.14	79.28	146.8	22.294	56.406	40.6	48.4	49.2	47.8	47.8
3	51.825	43.56	107.46	23.92771	66.026	49.2	49.2	51.8	51.4	58.8
3.5	56.82	43.66	84.34	30.15	53.688	46.8	43.2	52.8	47.8	56
4	63.96	69.1	104.92	25.914	58.424	46	45.4	56.2	49.4	58.6
4.5	87.22	86.88	168.02	58.392	97.216	43.2	38.6	49.8	52.2	60.4
5	73.16	101.74	140.5	45.63	79.166	45	53	58.8	60.2	65.8
5.5	50.8	66.92	102.72	30.082	63.172	51.8	50.6	59.2	58.6	67
6	12.44	44.38	48.48	1.56	33.578	38.4	31.8	33.4	41.2	43.2
6.5	11.76	43.1	32.66	1.408	21.988	28.4	27.8	32.2	43.2	40.4
7	13.14	19.9	42.42	2.508	27.74	34.6	31.6	35	41.4	45.8
7.5	15.32	30.36	38.38	3.02	26.714	35.2	33	34.6	40.8	42
8	25.56	23	55.1	11.5	41.698	41.2	34.4	50	47.2	53.8
8.5	31.92	46.34	110.64	6.816	59.53	45.4	42	52	48	61
9	15.8	18.38	49.7	1.188	24.778	33.2	30.4	38.4	39.6	49

DI, DP and RQI Data for Flexible Pavements (continued)

CS-26032

	DI			DP		RQI				
M.P.	'92n	'94s	'96n	'92n	'96n	'92n	'93n	'94n	'95s	'96s
0	12.5	22.375	39.28	2.652	17.092	40.4	41.6	41.2	43.75	46
0.5	23.45	30.2	86.975	11.72973	44.36	35	36.25	36.25	43	44
1	18.52	28.26	55.16	4.174	28.638	31	32.8	33	40.2	41.6
1.5	10.66	16.98	44.56	2.864	22.83	34.4	35	35.8	41.6	40.4
2	8.08	22.36	40.22	0.396	12.432	26.6	28.6	31.6	39.6	37.4
2.5	7.76	24.14	42.96	0	17.49	30.2	31.4	32	37.4	36.8
3	14.02	51.28	97.52	1.898	31.782	36.6	37.6	39.8	42.4	46
3.5	7.72	31.05	30.64	2.695915	15.556	41.75	40.75	42	47.33333	50.33333
4	4.54	21.48	43.84	1.476	21.416	28.8	30	34.2	39.8	40.2
4.5	6.58	14.92	34.6	0.582	14.056	27.8	29	32.4	37.2	43.6
5	6.84	16.32	41.42	1.186	16.426	34.6	37.2	38.2	45.8	46.2
5.5	9.96	18.86	52.5	1.08	25.054	39.2	41.8	43.2	48.6	53.6
6	12.16	26.92	57.28	1.812	31.342	32.4	37.2	37.2	38.8	45.4
6.5	10.52	30.48	35.34	4.396	22	29.6	31.8	33.2	34.2	42
7	17.28	45.22	57.88	6.47	28.136	33.8	39.6	41.8	49.6	52.4
7.5	5.62	25.14	30.24	0	10.888	38.4	39.2	40	49.6	52.6
8	13.68	30.4	55.5	4.904	30.798	31	33.4	37.2	37.8	40
8.5	13.8	35.58	62.42	4.508	32.76	30.2	34.8	36.4	39.6	43.8
9	9.34	28.94	55.96	2.17	27.218	35	35.8	41	43	45.8
9.5	7	21.92	61.64	0.772	33.876	31.2	33.6	35.8	43.6	46
10	27.1	61.7	75.48	12.778	53.316	34.8	36.2	37.8	41	43.6
10.5	20.1	47.44	75.32	10.752	54.664	41.2	40.4	40.4	48	51.6
11	9.12	45.9	54	3.048	35.842	36	36.2	37.4	40.6	44.4
11.5	15.74	32.6	63.14	8.666	41.242	36.8	37.6	38.4	42	44.4
12	5.22	24.54	35.82	1.876	18.958	32	33	33.2	34.2	37.2
12.5	7.04	31.02	21.88	1.252	6.074	32.2	32.4	34.2	37.6	42.6
13	9.78	28.32	34.38	2.898	18.084	32	32.6	33.4	40	41.8
13.5	5.36	11.58	24.34	0.196	11.218	28.2	27.6	28.4	36	35.6
14	5.5	17.08	16.3	1.076	5.214	30.8	29.6	29.4	33.8	37.2

CS-26032

M.P.	DI			DP		RQI				
	'92n	'94s	'96n	'92n	'96n	'92n	'93n	'94n	'95s	'96s
14.5	2.06	12.9	20.38	0.982	9.154	33.2	30.8	29.5	37.6	41.4
15		18.5	23.65	1.245	10.515	40.5	41	52.66667	36.33333	42
15.5	4.88	25	31.56	0.492	9.91	35.2	33.8	36.2	40.6	42.2
16	43.8	59.22	79.7	21.888	53.798	30.4	31	33.4	48	45

DI, DP and RQI Data for Flexible Pavements (continued)

CS-29022

M.P.	DI			DP		RQI				
	'92e	'94w	'96e	'94w	'96e	'92	'93w	'94e	'95w	'96e
0	12.1	13.63333	47.91667	0.508333	7.802		44	40.6	38.5	42.4
0.5	24.6	17.28	183.38	1.476	13.63		21.8	32.8	31.2	45
1	19.08	21.36	135.9	2.622	13.636		38.2	38	42.2	48.6
1.5	17.64	12	110.32	0.514	7.676		30.2	29.8	39.2	41
2	15.26	6.32	44.04	0	2.124		26.2	27	33.8	38.6
2.5	15.46	7.12	59.48	0.304	5.394		23.4	30.8	31.2	38.8
3	9.46	42.26	78.64	11.584	8.260526		41.6	30.2	45.4	43.4
3.5	17.88	26.375	47.7	5.5	8.4675		37.25	32.5	44.25	43.75
4	18.06	11.9	90.26	1.414	4.44	N.A.	24	33.6	37.4	48.2
4.5	12.38	9.8	87.54	0.576	3.962		28.4	31	34	44.4
5	9.7	11.8	55.725	0.188	6.391429		26.33333	27.66667	37.33333	39.33333
5.5	6.94	6.8	21.5	0.346	1.61		22.8	30.6	31.2	38.8
6	7.3	20.44	19.56	1.498	2.536		23.2	27.8	32	37.8
6.5	9.5	23.64	31.92	0.504	2.26		31.6	26.4	37.4	36.4
7	5.22	23.76	26.62	1.64	2.19		34.6	26.8	40	36.6
7.5	6.16	16.8	29.56	2.732	2.288		28.4	26.8	36.8	36.6
8	9.34	29.82	48.16	9.302	4.226		35	27.8	45.2	36.2
8.5	4.02	12.44	33.26	0.788	1.874		25.8	26.6	32.6	34.2
9	5.04	12.02	8.3	1.292	0.556		24.6	29.6	29.8	39.2

DI, DP and RQI Data for Flexible Pavements (continued)

CS-31021

M.P.	DI			DP		RQI				
	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
0	4.58	5.56	7.7	2.342	2.748	31.6	36	38.8	41	42
0.5	8.28	17.7	29.46	4.498	8.308	26.6	31.6	34.2	39	42
1	13.42	20.9	46.74	7.176	12.278	27	33.8	38.2	43.4	47
1.5	8.6	12.3	25.66	1.28	3.132	25.2	26.8	31.4	35.2	41.8
2	24.14	33.22	55.5	8.768	11.116	26.8	30.2	34.4	41.4	47.4
2.5	91.14	63.64	130.74	62.54	40.68	34.8	42.4	51.4	56	61.2
3	25.02	31.38	49.8	10.39038	13.388	45	43.2	52	51.8	44.5
3.5	22.84	24.02	40.5	2.762	4.254	37.6	37	40.6	45.2	45.2
4	26.98	34.76	42.94	7.28	13.244	33.4	41.2	45.4	50.6	55.2
4.5	18.22	25.27	24.9	7.51175	9.643495	58.5	62.6	64.5	61.8	62.5
5	31.76	37.76	44.1	18.144	17.988	35	46.6	51.8	54.6	56.6
5.5	24.58	27.96	33.46	13.044	11.304	37.2	50.4	57.2	57	63.2
6	14.46	18.7	26.42	5.598	3.582	26.2	33.4	41	49.2	47.8
6.5	16.1	30.58	44.88	6.772	8.042	39.8	41.4	46	51	52.2
7	27.18	52.2	82.14	13.304	24.668	32.4	40.2	45.4	50.2	55
7.5	17.78	45.12	52.62	7.01	16.914	28.4	30.2	35.2	41.6	44.4
8	33.92	53.12	68.46	15.554	17.53	36	26.6	32.8	39.8	41.2
8.5	22.78	42.64	68	9.006	21.004	33.4	34	38.2	45	48.2
9	29.74	46.72	79.5	19.62	27.304	42.2	54.4	59.2	60	62.4
9.5	6.32	5.96	7.38	3.46	0.642	24.8	29.6	31.4	38.8	37.6

DI, DP and RQI Data for Flexible Pavements (continued)

CS-33084e

M.P.	DI			DP		RQI				
	'93e	'95e	'97e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
9		1.96	8.86		0	71.8		21.6	28.8	28.8
9.5		2.82	11.44		0	76.5		25.8	32.4	33.2
10		4.26	12.78		0	73.2		25.8	31.4	31.4
10.5		2.7	12.78		0	77		26.2	32.2	32.6
11		3.38	13.4		0	74		22.2	29.2	30
11.5		3.8	9.68		0	69.2		25	30	32
12		3.18	7.32		0	69.2		21	29.6	30.8
12.5	N.A	6.94	10.7	N.A	0	74	N.A.	35	40	40
13		8.52	6.16		0	68.4		31.8	39.8	42.2
13.5		3.94	8.08		0	56.2		20	30.6	31.2
14		4.24	6.68		0	60.2		13.8	28.6	28
14.5		4.04	4.68		0	65.75		11.5	23.5	
15		5.4	18.32		0	69.8		13.6	24.4	24.4
15.5		6	19.26		0	71.6		15.6	26	26
16		5.92	19.18		0	68		18.8	26.4	28.8
16.5		12.38	30.92		0	69.2		17.4	25.8	27.2
17		7.58	20.7		0	66.25		18.5	30	27.25

DI, DP and RQI Data for Flexible Pavements (continued)

CS-33091

	DI			DP		RQI				
M.P.	'92n	'94n	'96s	'92n	'96s	'92n	'93s	'94s	'95s	'96n
2	10.775	2.0375	17.7	1.794944	4.5	65.6	71.2	70.8	65.5	50.6
2.5	4.3	5.72	13.42	1.658	5.144	36.2	37.6	38.6	41	44.2
3	7.24	9.424826	19.62	5.17	9.822	33.2	37.6	37.6	43.5	44.2
3.5	3.82	7.592	46.6	2.438	18.938	34.6	39	41.8	47.2	52.6
4	4.48	13.292	68.9	1.36	25.912	38	46.2	49.4	47	59.4
4.5	26.64	29.394	47.88	12.082	29.25	38.6	47.6	50.8	49.2	59
5	13.12	20.862	52.32	6.778	27.706	34.2	37.4	46.4	45.2	52.6
5.5	39.46	35.668	41.1	21.892	28.21	36.8	47.6	46	44.75	52.6
6	19.08	28.92689	48.8	8.756	28.778	46.2	49.4	52.4	57	63.6

CS-81013

	DI			DP		RQI				
M.P.	'92n	'94s	'96s	'94s	'96s	'92s	'93s	'94s	'95s	'96s
0	15.8	0	14.1	0	7.70809	44.4	48	50.8	51.6	54
0.5	8.2	0	3.78	0	1.15	42.8	46	46.8	49.4	50.4
1	11.32	0	8.36	0	4.292	48.8	49.4	51	53.4	50.6
1.5	18.72	0.2	11.42	0.21	6.134	50	50.4	51.2	52.8	53.4
2	16.44	0.52	10.38	0.21	4.206	38.6	42.8	43.6	48.2	49
2.5	8.32	0	20.2	0	11.306	38.4	42.4	42.2	45.2	47.4
3	6.82	0.4	14.18	0	6.972	35	38	38.4	42.4	41.8
3.5	5.12	0.7	10.22	0	4.942	41.6	50	49.2	50.8	52
4	3.56	1.64	8.74	0	4.914	37.4	43.2	39.6	43.6	47
4.5	5.82	2.1	13.94	0.386	7.868	50.2	53.4	55	52	53.2

DI, DP and RQI Data for Flexible Pavements (continued)

CS-35012

M.P.	DI			DP		RQI				
	'92s	'94n	'96n	'94n	'96n	'92n	'93s	'94n	'95s	'96n
7	8.675	7.4	3.92	1.204	1.638	44.2	43.6	58.8	49.5	59.8
7.5	7.7	15.26	22	4.896	7.582	50.4	49.4	56.2	55.6	58.4
8	3.22	9.26	13.7	3.256	5.45	47.2	50.8	40	54.8	51.2
8.5	14.72	21.1	123.98	5.398	7.332	55.2	55.2	56	59.4	60.8
9	8.9	12.58	16.82	5.206	8.78	42.2	42.4	44.6	49	54.4
9.5	3.88	5.94	17.8	1.548	4.274	39.8	38.4	34.8	44.4	46.4
10	4.86	9.46	21.58	1.512	4.204	50.4	46	48.6	52.6	56
10.5	6.42	10.3	34.54	1.574	4.442	46.4	42.8	46.6	50.8	55
11	3.16	13.76	34.6	2.66	2.972	42	43	37	52.6	48.6
11.5	6.88	10.98	28.26	2.526	6.882	41.6	45	47.8	50.4	57.8
12	12.92	11.86	45.7	5.798	11.67	47.6	53.4	50	51.4	53
12.5	15.28	8.88	31.52	3.286	7.454	50.4	50.6	48.8	49.8	53.4
13	15.9	5.82	29.56	1.276	2.686	50.2	51.4	45.6	43	46
13.5	13.78	11.24	55.5	4.49	12.272	43	45	53.2	54	62
14	12.08	6.86	34.76	3.498	7.47	44.8	49.2	48.4	55.4	55
14.5	10.58	10.12	34.08	4.424	10.094	50.4	55.6	45.2	60	50.6
15	10.08	24.34	54.22	8.862	15.78	43.8	49.4	59	57.2	72
15.5	14.52	18.22	88.98	9.386	13.458	50.8	57.2	51.2	57	62.2

DI, DP and RQI Data for Flexible Pavements (continued)

CS-47014n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	2.62	27.3	13.68333	0	1.742	60.25	40.5	37.5	45.5	44.75
0.5	1.233333	10	10.48	0	0.632	65.4	40.6	41	44.4	43.6
1	4	8.22	5.92	0	0	60.2	34.6	34.4	38.6	40
1.5	4.22	7.98	4.08	0	0	62.2	35.2	34.4	39.6	40.6
2	4	8.38	4.5	0	0	61.2	35	34	36.6	38.2
2.5	4	5.84	8.06	0	0	56.2	31.4	31.8	36.4	37.2
3	4	4.26	8.2	0	0	51.6	27.2	29.2	32.6	35.2
3.5	4	4.38	8.34	0	0	51.8	30.8	31.6	35	37.2
4	3.7	12.65	5.9	0	0.5125	58	34.25	40.25	39	40.75
4.5	3.42	6.2	8.4	0	0	51.4	31.2	31.8	38	39
5	4	6.16	8.56	0	0	47.4	27.4	30.4	34	36.4
5.5	4	7.56	7.56	0	0	53.4	27.8	28.8	35	36.8
6	4	7.82	8.32	0	0	65.6	29.8	32.4	37.6	40.2

DI, DP and RQI Data for Flexible Pavements (continued)

CS-47041

M.P.	DI			DP		RQI				
	'92e	'94e	'96e	'92e	'96e	'92e	'93e	'94w	'95e	'96w
13.5	25.16	51.3	77.92	5.186	41.302	56.2	57	62.8	53.6	55.2
14	19.9	32.76	62.52	5.66	33.4	46.4	45.8	46	52.8	54
14.5	18.66	23.66	42.6	5.08	19.034	56	53	61.6	64.8	61.2
15	13.54	27.36	49.98	3.348	25.89	62.8	55.6	64	59.8	67.2
15.5	29.02	30.12	53.08	7.114	32.242	60.8	59.4	67	63.8	64
16	3.34	8.58	10.5	0.96	1.57	50.2	56.4	55.6	47.8	44.2
16.5	20.66	23.06	35.74	2.426	13.898	60.8	52	52.8	68	67.8
17	19.34	49.18	95	4.386	53.96	75.2	73	71.25	76	81
17.5	14.66	38.52	67.46	1.964	35.31	63.2	52.6	75.5	54.6	73.6
18	10.72	23.16	64.94	0.526	27.45	67.8	57.2	66.8	62.6	75
18.5	18.86	34.48	57.44	4.41513	41.888	55.2	66.4	65.6	66	53.25
19	19.14	63.325	104.425	7.84	71.9975		59.75	64	61.8	66.6
19.5	35.3	54.44	80.54	5.806	44.394	58.6	69.2	58.6	61.6	62
20	44.34	51.98	89.4	8.154	47.97	65.6	59.8	62.6	64.2	68
20.5	17.94	27.62	44.26	4.392	19.078	65	74.8	68.8	61.25	74.4
21	62.08	84.52	102.94	8.362	41.456	56.8	55.4	58.8	58.2	71.2
21.5	28.1	47.6	72.46	10.554	34.538	62	60.6	66	68	66
22	29.86	47.44	79.7	9.572	36.188	59.4	56.6	57.4	55.2	64
22.5	22.14	58.58	100.56	6.386	61.038	48.4	47.6	54	47	60

DI, DP and RQI Data for Flexible Pavements (continued)

CS-53034n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	6.74	9.32	8.88	0	0	29.4	28.6	29.6	40.6	42.6
0.5	3.02	1.7	2.94	0.188	0	23.6	24.2	25.2	35.4	38
1	2.9	2.06	5.2	0	0	23.8	23.6	26	36.2	45
1.5	2.04	4.02	12.2	0	1.99	22.4	22.2	23.2	34	37.2
2	2.78	4.32	9.54	0	1.102	21	23.4	28	37.4	42.6
2.5	2.7	11.96	18.46	0	5.618	24.6	28.4	31.8	39.2	44.8
3	4.38	13.42	20.36	0	6.066	26.8	28	30.6	39.6	42.2
3.5	1.88	8.38	14.84	0	2.83	19.6	23	30.2	36.6	38
4	4.28	11.48	17.54	0.376	6.861163	20	23	25.75	35.8	39.8
4.5	2.78	11.84	18.26	0.188	8.464	19.8	25.6	29.4	35.6	44.2
5	1.58	5.4	22.74	0	2.39	17.6	20	28.2	33.2	40
5.5	2.12	3.9	14.86	0	1.294	17.2	22.2	29.2	35.4	40.2
6	1.3	5.14	11.36	0	1.53	14.2	14.8	19	29.8	34.4
6.5	2.34	4.62	17.46	0	1.278	22.2	25.6	29.4	37	41.4
7	3.06	7.72	21.88	0	3.81625	22.6	25.6	30.8	38.8	44.8
7.5	1.225	1.5	1.075	0	0	24.5	24	22.75	33	38.5
8	0.02	1.64	0.48	0	0	24.4	23.2	24.6	33	34.8
8.5	0.175	0.45	0.08	0	0	31.5	24.5	29.25	37.25	40
9	0.1	0.8	0.08	0	0	13.6	21.6	21.6	27	29.8
9.5	0	0.92	0.3	0	0	19.6	21.4	21	33.2	34.8
10	0	0.62	0.96	0	0	22.4	24.2	23.6	36	39.4
10.5	0.6		0.333333	0		30.33333	36.33333	34.66667	42.33333	51.33333

DI, DP and RQI Data for Flexible Pavements (continued)

CS-54014s

M.P.	DI			DP		RQI				
	'93s	'95s	'97s	'93s	'95s	'92s	'93s	'94s	'95s	'96n
0	8.24	12.16	11.875	2.061358	3.474175		47.4	49.2	54.6	59.4
0.5	17.62	17.36	14.56	3.92	5.308		46.4	46.2	47.4	56.4
1	16.06667	23.7	23.46	4.07	11.58881		44.75	51.75	52.66667	58.66667
1.5	14.6	23.24	19.42	1.063681	8.802		28.2	35	46	59.6
2	23.5	59.04	49.8	3.634	30.354		54.4	60.6	69.6	55.2
2.5	31.32	53.625	59.1	3.535196	18.53356		30.5	43	46.75	53.66667
3	34.76	53.88	48.56	0.762	16.268		20.6	30.2	38.8	46.6
3.5	27.52	44.66	49.14	1.674	15.56		26.6	30.8	43	49.2
4	15.02	30.06	31.18	0.188	8.826		20.2	27	39.8	54.4
4.5	16.24	33.8	30.58	0.934	11.34		29.5	26.75	37.25	54
5	14.26	21.12	15.525	1.12037	7.627833		16.6	30	38.25	50
5.5	19.86	35.44	18.54	1.346	14.68		14.4	28.6	37.2	48.2
6	22.7	31.78	27.08	0.396	10.666		26	30.4	41.4	47
6.5	10.98	14.44	13.52	0	2.826	N.A.	20.4	26.2	39.4	47.4
7	14.58	13.08	15.9	0.188	2.324		21.2	28.4	39.6	49
7.5	24.94	38.32	42.72	2.51	13.67		38.8	38.2	48.2	50.4
8	19.42	49.96	103.28	1.168	24.994		45.4	50.6	56.6	68.4
8.5	38.34	65.22	84.04	6.518	27.48		62.2	60.2	58.2	65.2
9	53.38	56.66	79.78	12.578	29.63		57.4	64.8	58	65.6
9.5	34.86	38.6	80.48	10.654	18.324		45	48.2	55.2	64
10	32.96	51.5	48.14	12.186	33.534		46.6	46.2	52.8	69
10.5	20.94	41.3	66.66	6.41	21.614		52	51.8	59.2	62.8
11	21.58	43.96	32.56	6.58	28.166		49.4	55.2	65.4	64.6
11.5	5.56	12.02	19.16	0.924	7.042		34.8	41	54.8	60.6
12	0.76	1.74	4	0	0.388		18.6	24.6	46.2	52.4
12.5	3.98	3.92	4.7	0	1.394		14.8	25.8	38.6	46.2
13	5.14	5.7	8.12	0	0.88		18.4	28.8	41.4	47
13.5	7.7	7.32	8.9	0	1.89		16	28	39.4	47
14	7.725	6.1	7.325	0	2.425833		12.75	21.5	35.25	48.33333
14.5	4.8	3.66	7.44	0	0.932		14.8	22.2	36.6	48.2
15	2.3	4.68	4.8	0	1.49		12.2	21.8	37.2	45.6
15.5	4.26	2.02	4.5	0	0.188		18	24.2	37.4	40.2

DI, DP and RQI Data for Flexible Pavements (continued)

CS-56032

	DI			DP		RQI				
M.P.	'92n	'94s	'96n	'92n	'96n	'92n	'93n	'94n	'95s	'96n
0	12.12	25.76	14.5	1.34	5.18	31.75	34.5	31.75	36.75	44
0.5	4.66	13.22	11.24	0	1.21	30.2	29.6	30.4	35.8	41.4
1	4.02	9.76	6.9	0	0	24.4	24.6	26.8	32.6	37.4
1.5	1.68	14.36	12.46	0	1.666	28.8	29.2	28.8	37.2	39.8
2	3.6	11.38	14.04	0	1.97	27	27.6	26.6	37.2	38.4
2.5	5.16	15.4	16.12	0	3.142	24.6	27.2	24.4	35.2	37.2
3	4.36	12.6	13.32	0	3.912	26.4	26	25.4	34	36
3.5	5.64	15.56	21.4	0	6.332	30.4	28.2	27.6	34.8	38.4
4	10.82	29.46	45.68	0	26.726	34.8	35.6	35.4	34.8	46.8
4.5	5.98	18.84	25.78	0	7.298	39.6	38.8	39.2	38.2	47.2
5	5.52	16.58	19.82	0.15	6.454	36.8	36	36.4	37.4	44.8
5.5	5.32	19.16	21.8	0	10.32	34.4	34.2	35.6	41.4	42.8
6	5.04	12.48	7.98	0	3.628	30.8	32.2	33.2	38.2	41.4
6.5	4.38	9.32	8.18	0	2.17	32.2	33.8	34	34.8	42.4
7	4.3	10.82	8.86	0	2.982	31.6	31.8	35	39.6	43.2
7.5	4.7	10.88	8.92	0	3.258	37.8	36	39	40.2	45.2
8	4	9.32	8	0	2.362	33.4	33.4	34.8	40	40.6
8.5	4	8.26	2.08	0	0.196	46.2	46	48.8	41.4	51.8

DI, DP and RQI Data for Flexible Pavements (continued)

CS-66021

	DI			DP			RQI				
M.P.	'92e	'93e	'95e	'92e	'93e	'95e	'92e	'93e	'94e	'95e	'96e
0	26.78	31.92	46.04	8.454	10.61	17.28	63.4	66.8	71	73.4	73.4
0.5	29.44	40.42	63	10.552	16.048	27.986	57.4	56.2	61.2	70.6	69
1	24.8	34.82	70.18	14.986	21.852	42.018	49.2	47	47.8	57.6	60.2
1.5	30.32	42.46	82.46	19.894	26.924	53.332	49.6	53.8	58.4	64.6	67
2	24.72	40.32	86.64	15.496	26.256	57.038	47	47.4	54.4	58.6	62.2
2.5	26.16	33.02	69.78	19.482	24.15	47.436	45.2	52.2	56.2	57.4	60.8
3	53.06	68.64	110.16		52.104	84.69	33.8	52.6	57.8	59.4	62.6
3.5	40.55	41.925	75.925	22.71103	24.47375	50.56806	43.75	55.25	54.75	63.25	68
4	42.225	42.1	86.1	29.52877	28.56034	65.2535	43.25	57.5	58.25	60.2	71
4.5	75.54	88.02	159.72	52.7	56.852	116.364	59	60.4	63.6	60	72.5
5	96.64	96.06	167.46	74.436	70.776	125.302	64.6	58.6	63.6	65.4	69
5.5	43.02	52.66	116.58	27.864	34.812	90.862	65.8	54.4	65	64.4	71.2
6	61.36	69.68	140.04	38.168	43.878	105.392	64.2	49.8	59.6	61.8	68.8
6.5	46.74	43.7	91.7	29.862	28.374	72.338	53.8	63.4	72.4	70.2	78.6
7	78.2	74.16	153.34	53.016	49	123.814	47	60.8	69.6	68.8	72
7.5	77.2	85.04	164.6	48.312	52.182	112.818	54.4	59.6	66	69.8	71.8
8	64.4	66.3	123.08	42.99434	41.25152	97.13863	66	65	73.4	74.2	78.6

DI, DP and RQI Data for Flexible Pavements (continued)

CS-67016n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	3.56	12.4	29.26667	0.386	0.836	17.75	18.5	26.5	37.5	34.5
0.5	12.16	12.14	15.76	0	0.654	14.2	18.2	25	32.4	31.4
1	9.2	12.3	16.56	0	0.196	12.4	14	21.2	31.8	30.6
1.5	12.52	12.72	13.9	0	0.307983	17.4	18	22.8	33.6	34.8
2	17.125	16.475	18.725	1	1.755	25.75	26.25	28.5	40.25	39.75
2.5	15.525	14.54	21.1	0.123737	0.907347	19.4	21.6	23.6	38.4	38
3	11.58	12.175	18.15	0	2.2475	31.25	23.5	30.75	41.25	35.25
3.5	12.92	14.42	20.4	0	0.5	21.8	22.4	33.4	44.6	44
4	11.775	12.54	24.98	0	1.751322	23.5	23.25	28	39.75	37.66667
4.5	8.7	14.75	27.4	0	2.977143	22	28.25	31.25	38.66667	45
5	18.66667	18	30.93333	0.877661	3.480852	25	24.66667	39.66667	45.66667	59

CS-54021

M.P.	DI			DP		RQI				
	'92e	'94e	'96w	'94e	'96w	'92e	'93e	'94w	'95e	'96w
2	10.98	6.925	420.8	0.671667	9.825808		56.25	56	64.33333	58.33333
2.5	10.08	32.92	163.46	7.714	4.35	N.A.	42.8	40.6	46.6	52
3	6.4	31.48	46.76	8.21	6.29		40	42.4	44.2	50.25

DI, DP and RQI Data for Flexible Pavements (continued)

CS-61074n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	8.88	35.16	202.96	1.092	12.132		37	48.6	45.8	57
0.5	30.92	71.88	556.08	2.918	27.882		40.4	51.6	50.6	52.6
1	21.98	63.2	490.86	6.456	37.71		39.8	40.8	43.2	48.4
1.5	14.88	56.32	397.52	1.104	24.536	N.A.	44.6	44	41.4	49.6
2	13.44	54.32	283.22	0.892	29.094		39.6	42.6	42.6	47.2
2.5	20.06	69.94	362.38	2.778	43.802		44.4	52	51.2	52

CS-70016n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	10.86	73.55	191.96	2.258853	21.55585		41.66667	45.33333	71	47
0.5	14.86	74.78	53.86	3.53	36.126		39.2	39.8	72.2	45.8
1	10.14	28.72	27.98	1.088	9.494	N.A.	33.8	34.8	67.2	41.4
1.5	24.82	51.52	41.14	5.26	24.758		37	40.8	74	45.8
2	34.44	60.36	61.8	13.088	33.812		41.2	41.6	80.4	50.4
2.5	19.02	48.15	53.6	2.65	20.91		51.4	44.4	79.2	53.6

DI, DP and RQI Data for Flexible Pavements (continued)

CS-61074

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	8.88	35.16	202.96	1.092	12.132		37	48.6	45.8	57
0.5	30.92	71.88	556.08	2.918	27.882		40.4	51.6	50.6	52.6
1	21.98	63.2	490.86	6.456	37.71	N.A.	39.8	40.8	43.2	48.4
1.5	14.88	56.32	397.52	1.104	24.536		44.6	44	41.4	49.6
2	13.44	54.32	283.22	0.892	29.094		39.6	42.6	42.6	47.2
2.5	20.06	69.94	362.38	2.778	43.802		44.4	52	51.2	52

CS-72014

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	81.76	84.06	204.36	46.208	27.33	62.4	63.4	69	69.4	75
0.5	68.9	65.22	115.82	39.972	25.992	49.2	51.8	56	54	60.2
1	62.76	51.44	235.44	31.38	11.97	39	50.2	63.6	49.6	59.6
1.5	54.56	51.36	211.46	24.608	13.052	46	57.4	58.6	53.2	54
2	40.92	36.66	90.48	17.014	4.304	44	55	55.4	55.4	58.2
2.5	37.52	32.34	76.02	11.114	3.862	43.2	52	51.2	49	52.6
3	40.7	38.12	142.58	11.082	4.498	43.6	49.6	47.6	54.6	52.2
3.5	23.66	23.56	78.22	4.426	1.724	44.2	40.8	43	49.6	46.6
4	24.5	23.94	43.42	5.722	2.102	46.2	48.2	51	55.6	50
4.5	42.48	35.2	151.1	14.296	5.656	45.2	42.6	49.6	52.6	51.2
5	32.05	30.25	214.975	7.9575	3.569752	57.75	56.4	57.25	58.4	56.66667
5.5	23.56	26.46	147.52	2.504	2.04	48.2	50.8	55.6	58.4	55.4
6	28.94	30.72	60.7	7.05	3.94	47.6	50.8	55.8	60.2	56.4
6.5	39.36	49.2	166.52	15.606	14.934	51.6	52	59.6	61.8	57.6
7	57.96	37.92	78.14	34.738	7.678	47.2	46.2	52.4	62.4	57.6
7.5	30.96	29.44	53.42	12.108	3.51	39.4	39.4	43.6	50.8	46.6
8	14.94	27.64	52.3	4.658	4.596	38.8	40.4	37.2	47.2	47.6
8.5	29.06	31.3	75.8	12.554	4.794	55.6	51.6	56.2	59.2	59.4

DI, DP and RQI Data for Flexible Pavements (continued)

CS-80012n

M.P.	DI			DP		RQI				
	'93n	'95n	'97n	'93n	'95n	'92n	'93n	'94n	'95n	'96n
0	73.8	146.46	5.38	13.006	77.898	59.2	68	66.4		29.2
0.5	62.1	123.86	2.52	13.512	82.244	62.8	63.2	63.8	N.A.	34.8
1	56.2	111	2.88	12.602	63.18	59	64.6	56.2		31.8
1.5	3.16	8.44	27.44	0	0	51.6	26.6	27	33.5	35.2
2	4.14	8.46	37.56	0	0	60	29.2	30.2	35.6	37.2
2.5	4.04	10.8	56.06	0	0.396	59.6	26	26.2	34.4	38
3	4	8.14	38.06	0	0	63.8	26.4	25.8	34	37.8
3.5	3.96	8.3	22.72	0	0	50.6	25.4	25.4	33.6	33.2
4	27.08	63.84	11.8	4.668	38.434	43.4	53.2	51	61.4	34
4.5	44.825	115.5	7.075	3.832796	73.18603	52.75	61	55.25	71.5	33.66667
5	48.68	133.48	7.92	3.844	87.108	61.2	66.6	56	80.6	36.4
5.5	26.24	75.3	8.34	7.572	39.318	61.2	66.6	61.4	72.4	36.2
6	21.82	54.46	4.02	6.858	25.218	61.2	57	51.4	63.2	29.2
6.5	43	55.14	3.24	10.856	26.418	68.8	69.2	64.2	64.4	30.8
7	27.92	59.2	0.38	5.712	29.778	53.8	57	47.2	58.2	24.8
7.5	30.175	82.15	1.275	10.36203	43.30713	59	59.5	55.5	58	32
8	16.54	41.26	6.82	4.25	21.178	43.6	41.2	45	55.6	30
8.5	36.625	68.8	1.13	16.06556	46.13	59.25	57.5	53.25	61	38.25

DI, DP and RQI Data for Flexible Pavements (continued)

CS-80042

M.P.	DI			DP		RQI				
	'92	'94w	'96w	'94w	'96w	'92w	'93e	'94e	'95e	'96e
0		124.68	2.18	24.838	0.304	66.8	64	64	72.4	29.2
0.5		46.2	2.62	10.672	0	50.4	43	46.4	57.6	22
1		74.28	0.56	12.816	0	48.8	43.4	46.4	58.6	25.8
1.5		202.14	0.28	33.098	0	52.8	63.6	70.2	75.8	19
2		196.94	0.3	19.094	0	49.4	63.8	67.6	73	21.6
2.5		187.64	0.46	57.166	0	63	61.6	63.4	73	19.8
3		168.6	0.44	32.774	0	64	68.2	65.6	64.25	23.8
3.5		98.96	0.3	23.912	0	44.6	56	57.4	58	24.6
4		170.24	0.68	40.988	0	44.6	59.4	61.8	60.6	24
4.5	N.A.	102.38	0.54	52.276	0	47	54.8	63	57.2	23.2
5		104.38	1.08	47.524	0	47	62.6	58.6	65	21.4
5.5		52.54	0.36	17.564	0	45.8	61.4	58.6	74.2	19.8
6		43.58	0.96	9.78	0	49.8	47.6	52.2	54	21.2
6.5		0	0.08	0	0	67.6	74.4	71.6	29.6	27.8
7		0	0.1	0	0	59.2	70.2	81.4	23.8	23.8
7.5		0	0.44	0	0	53.75	65.6	70.4	23.4	25.6
8		2.1	0.32	0	0	58.2	71.75	85.5	23.25	26
8.5		0	0.2	0	0	53.2	71.8	73.2	23.4	24.6
9		0	0.7	0	0.338	50.4	59.6	56	29	31.2
9.5		0	2.6	0	0.996	55.4	55	56.6	25.4	27
10		0	1.9	0	0.188	52	59.8	57.2	35.5	34.75

CS-08081

M.P.	DI			DP		RQI				
	'92	'94w	'96e	'94w	'96e	'92	'93w	'94w	'95w	'96w
0		211.18	323.44	39.59457	25.342	49.4	58.2	67	66.2	67
0.5		158.38	442.16	29.88	18.46	50.6	52.8	56.4	56.8	58
1	N.A.	197.54	332.04	23.16	32.364	50.4	60.6	58.4	62.8	68
1.5		173.56	681.34	18.924	11.632	57.8	48.8	43.8	53.2	55.6
2		142.64	209.3	46.432	43.386	39.8	50.2	50.2	55.6	55

Proportions of Distress Types in the Distress Index for Rigid Pavements from Data Set #1

0<DL<10

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TC-N	18	81.5	0.25	0.25
TC-A	17.69	64	0.25	0.19
TJ	12.16	101.87	0.17	0.31
LC	2.1	1.1	0.03	0.00
LJ	13.12	2.4	0.18	0.01
DL	4	0	0.06	0.00
Patch	4	78	0.06	0.24
Total	71.07	328.87	1.00	1.00

10<DL<20

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TC-N	564	69.5	0.52	0.07
TC-A	176.41	386.47	0.16	0.38
TJ	121	201.02	0.11	0.20
LC	0.64	3.94	0.00	0.00
LJ	167	15.2	0.15	0.01
DL	47	76	0.04	0.07
Patch	10	267	0.01	0.26
Total	1086.05	1019.13	1.00	1.00

20<DL<30

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TC-N	122	8	0.24	0.02
TC-A	141.47	252.75	0.28	0.53
TJ	185.49	115.46	0.37	0.24
LC	0.36	4.84	0.00	0.01
LJ	56	47.38	0.11	0.10
DL	0	33	0.00	0.07
Patch	1.6	18	0.00	0.04
Total	506.92	479.43	1.00	1.00

30<DL<40

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TC-N	192	24.5	0.30	0.04
TC-A	301.78	281	0.47	0.45
TJ	65.93	93.64	0.10	0.15
LC	0	4.6	0.00	0.01
LJ	82.32	7.6	0.13	0.01
DL	0	116	0.00	0.19
Patch	3	98	0.00	0.16
Total	645.03	625.34	1.00	1.00

Proportions of Distress Types in the Distress Index for Composite Pavements from Data Set #1

10<DI<20

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	57.1	25.8	0.10	0.05
TC-N	208	183.5	0.35	0.32
TC-A	201.7	172	0.34	0.30
LC-c-N	39.2	64.9	0.07	0.11
LC-c-A	54.1	36.8	0.09	0.07
LC-e-N	1.3	13	0.00	0.02
LC-e-A	2.1	28.8	0.00	0.05
LC-w-N	4	20.2	0.01	0.04
LC-w-A	18.8	20.4	0.03	0.04
sum	586.3	565.4	1.00	1.00

20<DI<30

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	23.9	60	0.04	0.08
TC-N	221	58.5	0.38	0.08
TC-A	164.5	450.3	0.29	0.59
LC-c-N	28.4	15.3	0.05	0.02
LC-c-A	93.9	82.6	0.16	0.11
LC-e-N	1.9	17.4	0.00	0.02
LC-e-A	0.5	38.7	0.00	0.05
LC-w-N	17.6	7.9	0.03	0.01
LC-w-A	23.7	34.7	0.04	0.05
sum	575.4	765.4	1.00	1.00

30<DI<40

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	15.7	64.9	0.02	0.05
TC-N	267	18.5	0.28	0.01
TC-A	403.2	838.3	0.43	0.65
LC-c-N	9.9	25.7	0.01	0.02
LC-c-A	207.4	172	0.22	0.13
LC-e-N	0.3	30.6	0.00	0.02
LC-e-A	8.3	104.6	0.01	0.08
LC-w-N	7.4	5.2	0.01	0.00
LC-w-A	22.1	21.7	0.02	0.02
sum	941.3	1281.5	1.00	1.00

Proportions of Distress Types in the Distress Index for Composite Pavements from Data Set #1 (Continued)

40<DI<50

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	52.3	30.1	0.06	0.03
TC-N	127.5	66	0.15	0.07
TC-A	501.6	590.7	0.59	0.66
LC-c-N	10.6	15.7	0.01	0.02
LC-c-A	113	98.5	0.13	0.11
LC-e-N	0.1	12.2	0.00	0.01
LC-e-A	12.2	40.5	0.01	0.05
LC-w-N	4.1	8.4	0.00	0.01
LC-w-A	29.8	37.7	0.04	0.04
sum	851.2	899.8	1.00	1.00

Proportions of Distress Types in the Distress Index for Flexible Pavements from Data Set #1

10<DI<20

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	99.4	86	0.12	0.16
TC-N	110	104.5	0.14	0.19
TC-A	225.9	130.2	0.28	0.24
LC-c-N	120.9	22.2	0.15	0.04
LC-c-A	193.9	118.8	0.24	0.22
LC-e-N	0.4	6.9	0.00	0.01
LC-e-A	14.7	52.4	0.02	0.10
LC-w-N	9.5	1.8	0.01	0.00
LC-w-A	34.9	24.3	0.04	0.04
sum	809.6	547.1	1.00	1.00

20<DI<30

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	77.3	63.6	0.14	0.13
TC-N	42	53.5	0.08	0.11
TC-A	139	207.4	0.26	0.41
LC-c-N	8.5	19.7	0.02	0.04
LC-c-A	190.5	89	0.36	0.18
LC-e-N	1	6.6	0.00	0.01
LC-e-A	15.5	48.2	0.03	0.10
LC-w-N	2.2	3.1	0.00	0.01
LC-w-A	58.1	15.3	0.11	0.03
sum	534.1	506.4	1.00	1.00

30<DI<40

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	121.3	8.7	0.10	0.03
TC-N	128.5	85.5	0.11	0.25
TC-A	269.7	164.6	0.23	0.47
LC-c-N	21.1	11.2	0.02	0.03
LC-c-A	409.4	57.7	0.35	0.17
LC-e-N	3.7	0.2	0.00	0.00
LC-e-A	88.6	13.4	0.08	0.04
LC-w-N	3.9	0.2	0.00	0.00
LC-w-A	126	6.1	0.11	0.02
sum	1172.2	347.6	1.00	1.00

Proportions of Distress Types in the Distress Index for Flexible Pavements from Data Set #1 (Continued)

40<DI<50

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	149	49.9	0.12	0.08
TC-N	187.5	57.5	0.16	0.10
TC-A	295.1	324.6	0.24	0.55
LC-c-N	22.5	12.9	0.02	0.02
LC-c-A	257.7	75.9	0.21	0.13
LC-e-N	6.6	1.7	0.01	0.00
LC-e-A	92.6	31.5	0.08	0.05
LC-w-N	6	1.3	0.00	0.00
LC-w-A	189.7	33.3	0.16	0.06
sum	1206.7	588.6	1.00	1.00

50<DI<60

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	65	75.7	0.14	0.07
TC-N	95.5	31.5	0.20	0.03
TC-A	114.7	648.5	0.24	0.59
LC-c-N	5	13.3	0.01	0.01
LC-c-A	79.5	159.7	0.17	0.15
LC-e-N	0.1	0.4	0.00	0.00
LC-e-A	6.1	135.6	0.01	0.12
LC-w-N	1.6	1.2	0.00	0.00
LC-w-A	113.4	33	0.24	0.03
sum	480.9	1098.9	1.00	1.00

Proportions of Distress Types in the Distress Index for Rigid Pavements from Data Set #2 and 3

0<DI<10

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TC-N	92.5	128	0.37	0.25
TC-A	40	201.99	0.16	0.39
TJ	104.86	110	0.42	0.21
LC	0.6	1.12	0.00	0.00
LJ	4.64	12.56	0.02	0.02
DL	0	13	0.00	0.03
Patch	5	53	0.02	0.10
Total	247.6	519.67	1.00	1.00

10<DI<20

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TC-N	252.5	117.5	0.30	0.12
TC-A	167.5	550.5	0.20	0.54
TJ	369.4	172.15	0.44	0.17
LC	0.16	0	0.00	0.00
LJ	40.88	69.12	0.05	0.07
DL	2	1	0.00	0.00
Patch	13	105	0.02	0.10
Total	845.44	1015.27	1.00	1.00

20<DI<30

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TC-N	232.5	32.0	0.27	0.04
TC-A	383.76	408.7	0.45	0.53
TJ	165.16	131.3	0.19	0.17
LC	1.24	0.0	0.00	0.00
LJ	69.36	55.5	0.08	0.07
DL	2	0.0	0.00	0.00
Patch	4	141.0	0.00	0.18
Total	858.02	768.5	1.00	1.00

30<DI<40

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TC-N	63	51.0	0.10	0.06
TC-A	436.5	225.8	0.68	0.25
TJ	19.1	178.1	0.03	0.19
LC	0	6.6	0.00	0.01
LJ	46.7	107.3	0.07	0.12
DL	64	0.0	0.10	0.00
Patch	15	347.0	0.02	0.38
Total	644.3	915.8	1.00	1.00

Proportions of Distress Types in the Distress Index for Composite Pavements from Data Set #2 and 3

10<DI<20

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	17.5	24.9	0.03	0.03
TC-N	104.5	142	0.15	0.15
TC-A	268.68	596.55	0.38	0.62
LC-c-N	96.06	28.9	0.14	0.03
LC-c-A	109.84	75.8	0.16	0.08
LC-e-N	21.24	14.28	0.03	0.01
LC-e-A	63.12	42.56	0.09	0.04
LC-w-N	1.8	8.6	0.00	0.01
LC-w-A	16.72	29.5	0.02	0.03
Total	699.46	963.09	1.00	1.00

20<DI<30

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	12.1	9.5	0.03	0.01
TC-N	60.5	192.75	0.14	0.17
TC-A	183.85	707.72	0.42	0.61
LC-c-N	28.74	18.6	0.07	0.02
LC-c-A	84.24	157.76	0.19	0.14
LC-e-N	10.72	2.24	0.02	0.00
LC-e-A	28.24	54.7	0.07	0.05
LC-w-N	5.63	3.44	0.01	0.00
LC-w-A	19.68	16.4	0.05	0.01
Total	433.7	1163.11	1.00	1.00

30<DI<40

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	44	5.8	0.05	0.01
TC-N	87.5	126.5	0.10	0.14
TC-A	461.37	497.1	0.54	0.55
LC-c-N	33.6	7.75	0.04	0.01
LC-c-A	120.7	104.08	0.14	0.12
LC-e-N	16.1	3.8	0.02	0.00
LC-e-A	50.4	98.48	0.06	0.11
LC-w-N	1.8	8.65	0.00	0.01
LC-w-A	33.92	50.1	0.04	0.06
Total	849.39	902.26	1.00	1.00

Proportions of Distress Types in the Distress Index for Composite Pavements from Data Set #2 and 3 (Continued)

40<DI<50

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	51.9	17.4	0.03	0.02
TC-N	104	36.5	0.05	0.04
TC-A	1221.9	608.45	0.62	0.65
LC-c-N	19.4	7.96	0.01	0.01
LC-c-A	257.2	78.8	0.13	0.08
LC-e-N	1.96	7.56	0.00	0.01
LC-e-A	169.1	37.7	0.09	0.04
LC-w-N	7.75	10.56	0.00	0.01
LC-w-A	123.4	132.6	0.06	0.14
Total	1956.61	937.53	1.00	1.00

Proportions of Distress Types in the Distress Index for Flexible Pavements from Data Set #2 and 3

10<DI<20

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	7.7	85.8	0.01	0.10
TC-N	6	141.75	0.01	0.16
TC-A	18.37	307.74	0.02	0.35
LC-c-N	1.6	35.1	0.00	0.04
LC-c-A	322.1	121.2	0.39	0.14
LC-e-N	15.7	7.46	0.02	0.01
LC-e-A	324.3	60.64	0.40	0.07
LC-w-N	2.1	4.28	0.00	0.00
LC-w-A	120.48	114.08	0.15	0.13
Total	818.35	878.05	1.00	1.00

20<DI<30

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	149.4	59	0.13	0.04
TC-N	106.25	159	0.09	0.11
TC-A	358.16	311.4	0.30	0.22
LC-c-N	6.16	16.8	0.01	0.01
LC-c-A	112.64	338.08	0.10	0.24
LC-e-N	7.24	0.88	0.01	0.00
LC-e-A	125.28	171.92	0.11	0.12
LC-w-N	3.14	2.98	0.00	0.00
LC-w-A	317	339.9	0.27	0.24
Total	1185.27	1399.96	1.00	1.00

30<DI<40

Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	151.26	75.7	0.08	0.04
TC-N	134.5	150	0.07	0.07
TC-A	787.34	665.12	0.41	0.32
LC-c-N	4.86	14.64	0.00	0.01
LC-c-A	256.88	389.52	0.13	0.19
LC-e-N	6	2.32	0.00	0.00
LC-e-A	114	164	0.06	0.08
LC-w-N	3	4.96	0.00	0.00
LC-w-A	481.84	619.12	0.25	0.30
Total	1939.68	2085.38	1.00	1.00

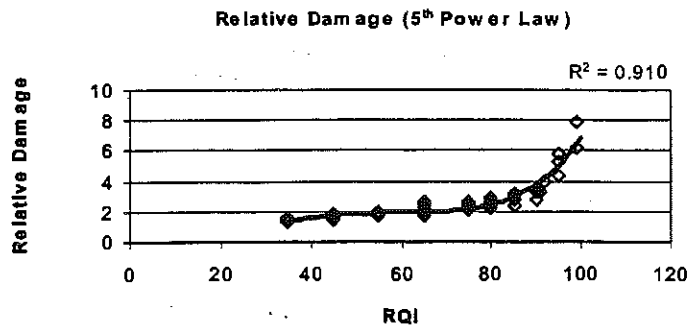
Proportions of Distress Types in the Distress Index for Flexible Pavements from Data Set #2 and 3 (Continued)

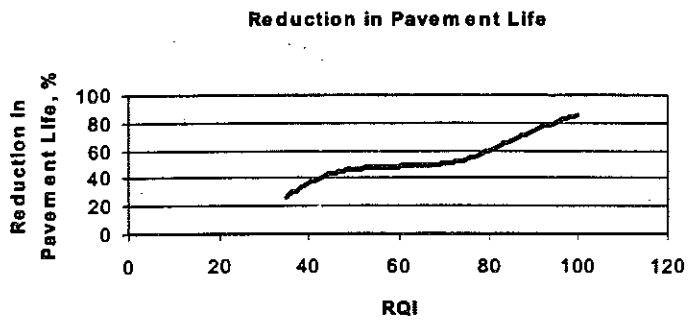
40<DI<50

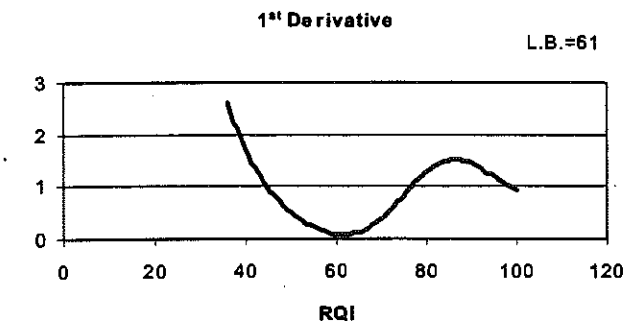
Distress Types	DP		Proportion of DP	
	Low-RQI	High-RQI	Low-RQI	High-RQI
TT	144.8	60.5	0.07	0.03
TC-N	147.5	8.2	0.07	0.00
TC-A	1122.12	254.24	0.53	0.14
LC-c-N	26.08	0.52	0.01	0.00
LC-c-A	263.2	159.92	0.12	0.09
LC-e-N	0.58	3.16	0.00	0.00
LC-e-A	90.8	712.64	0.04	0.38
LC-w-N	9.37	95	0.00	0.05
LC-w-A	325.12	575.27	0.15	0.31
Total	2129.57	1869.45	1.00	1.00

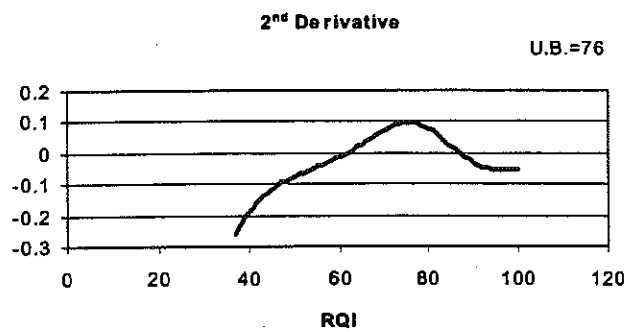
APPENDIX E
DL, Damage and DLI

- RQI-DL Curve (5th, 6th Power Law) E-1
- RQI-DLC-95%DL-DLI E-7
- TruckSim Output (Refer to DC)

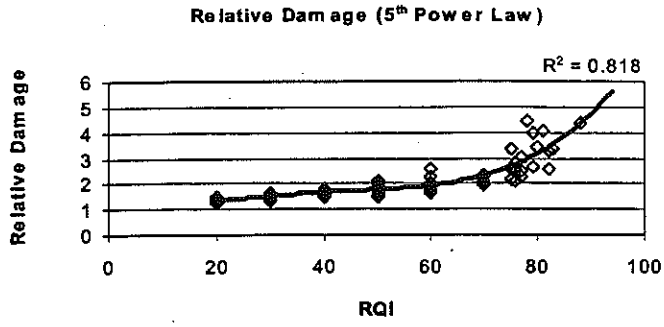


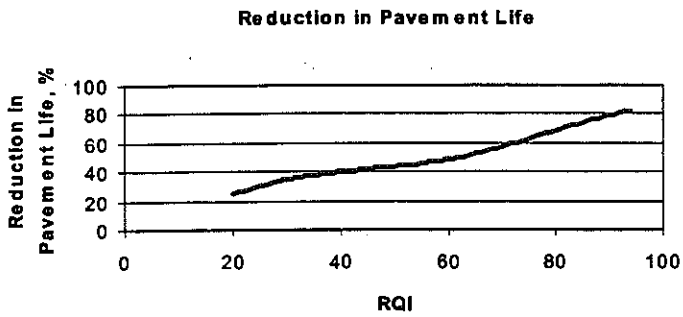


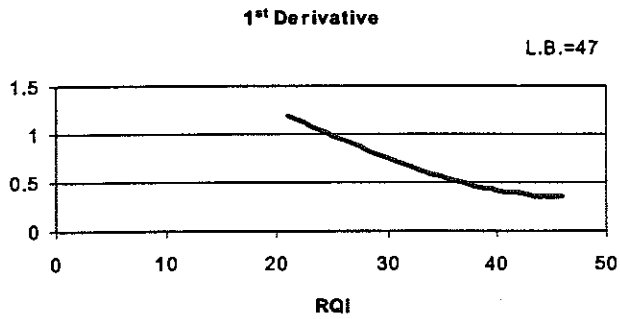


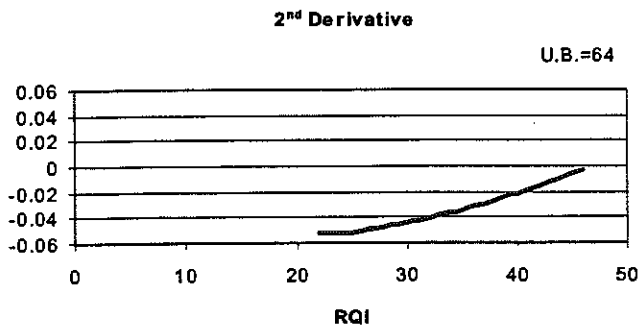


Relative Damage using 5th Power Law and Reduction in Pavement Life vs. RQI for Rigid Pavements

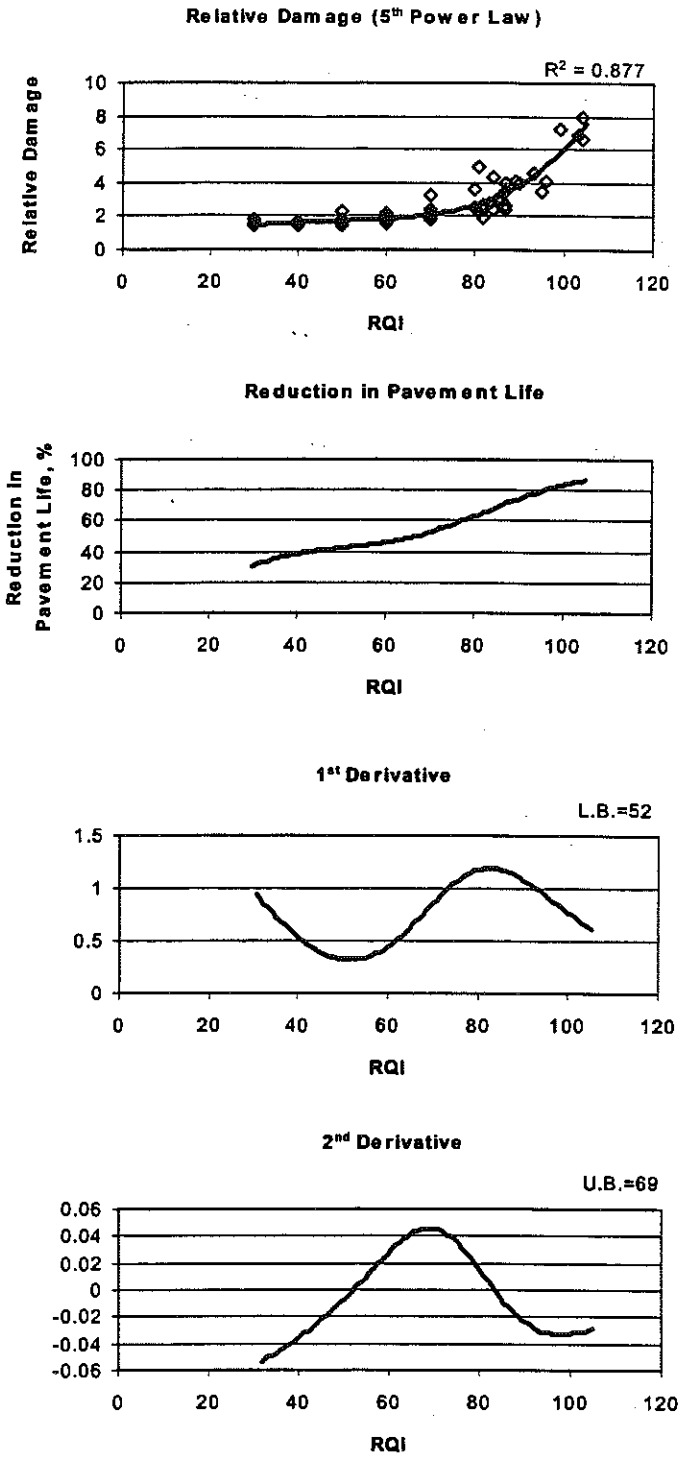




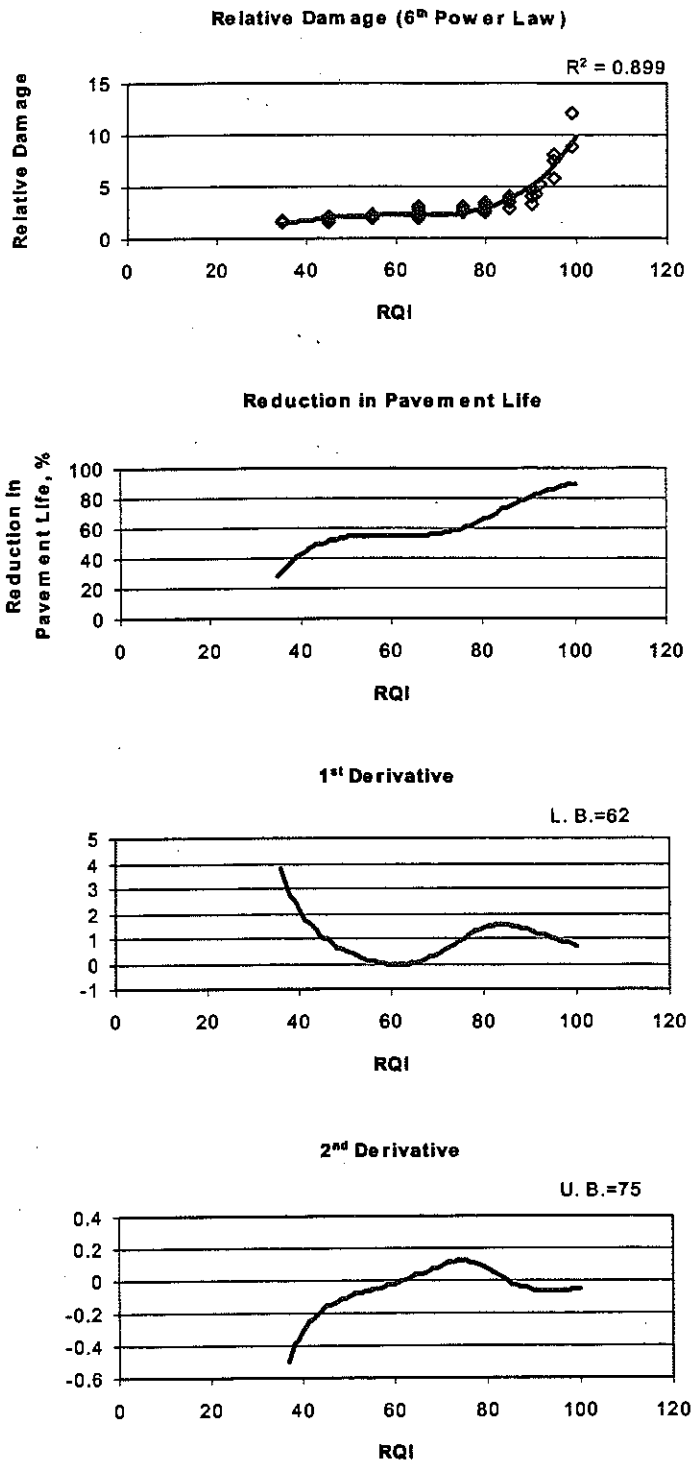




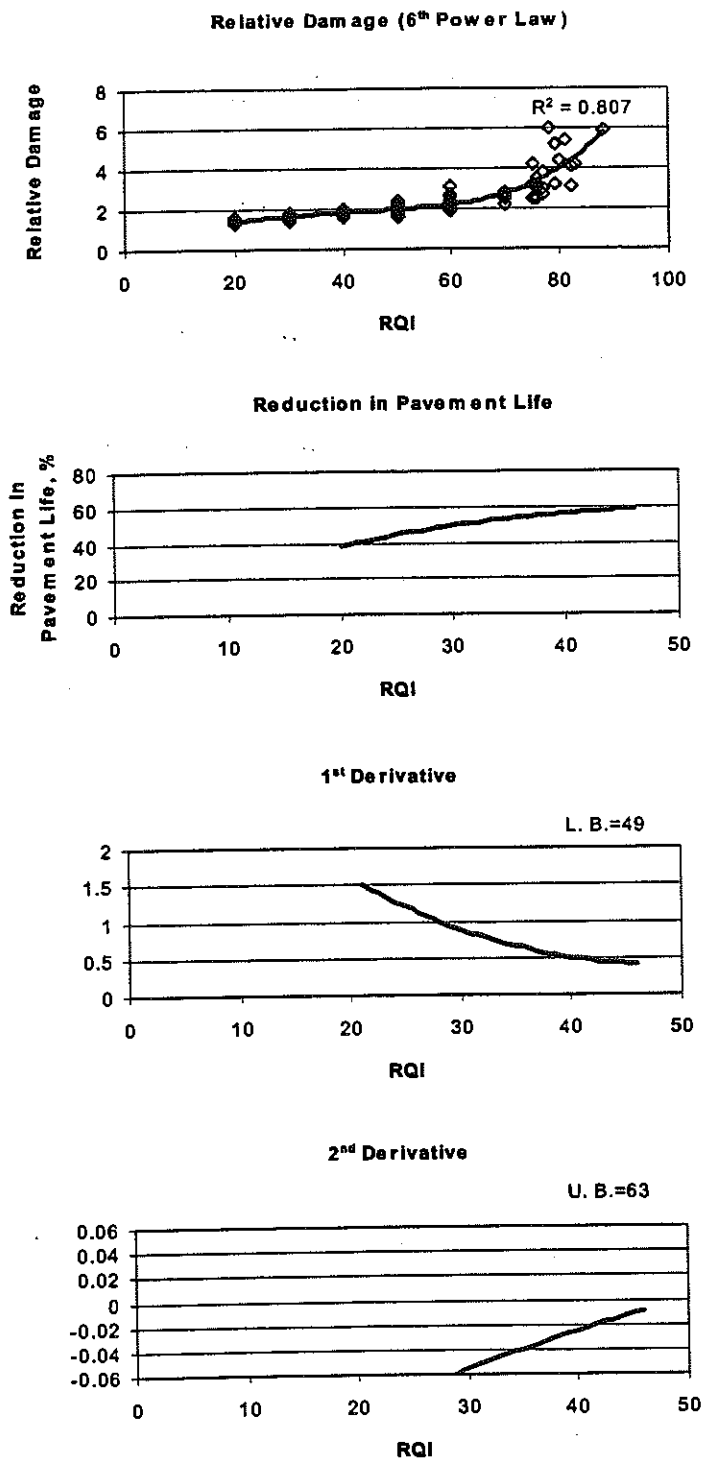
Relative Damage using 5th Power Law and Reduction in Pavement Life vs. RQI for Flexible Pavements



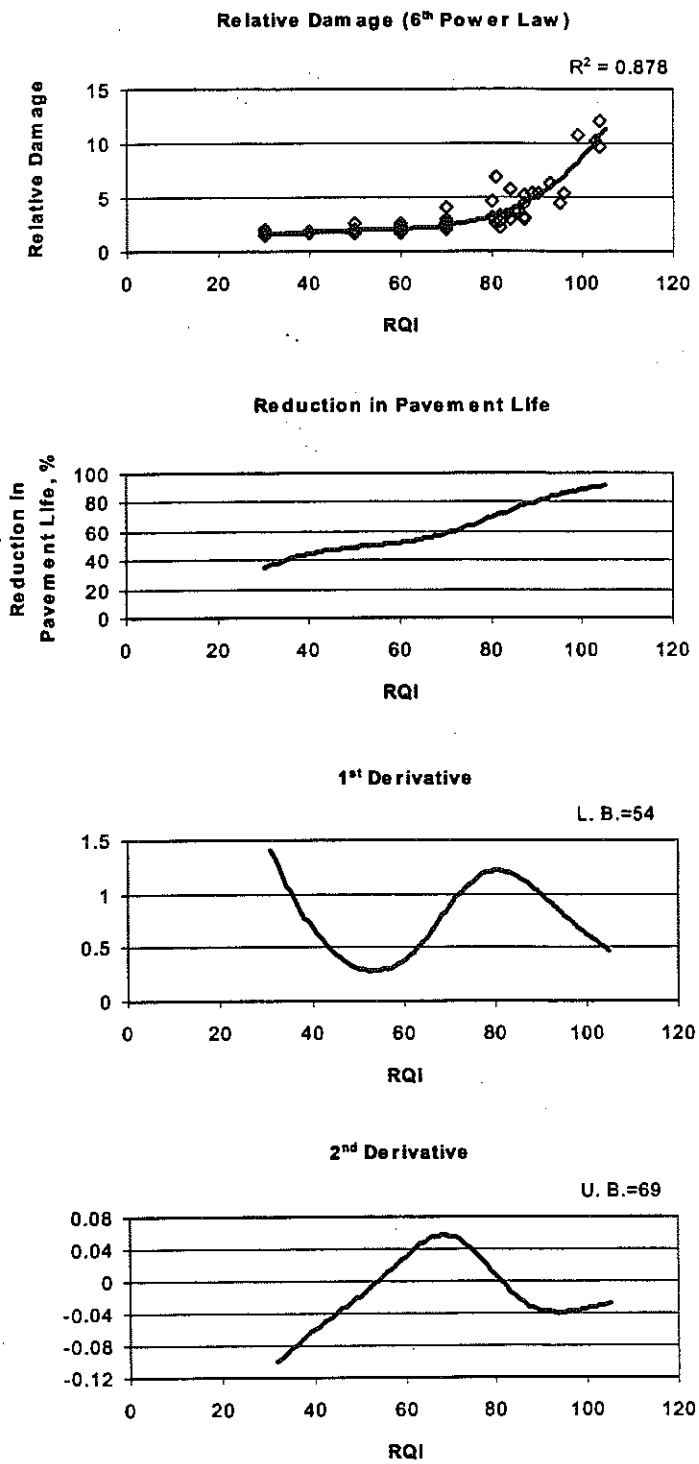
Relative Damage using 5th Power Law and Reduction in Pavement Life vs. RQI for Composite Pavements



Relative Damage using 6th Power Law and Reduction in Pavement Life vs. RQI for Rigid Pavements



Relative Damage using 6th Power Law and Reduction in Pavement Life vs. RQI for Flexible Pavements



Relative Damage using 6th Power Law and Reduction in Pavement Life vs. RQI for Composite Pavements

RQI, DLC, 95th Percentile DL and DLI for Rigid Pavement Sections

RQI	Route No.	CS	M.P.	Year	95%tile DL	DLC	DLI
35	I-69	23063	0.1-0.2	94	9112	4.18	0.13
35	I-69	23063	1.3-1.4	94	9043	3.77	0.07
35	I-69	23063	1.4-1.5	94	9152	4.34	0.10
35	I-69	23063	1.6-1.7	94	9171	4.78	0.22
35	I-69	23063	2.2-2.3	94	9217	4.86	0.10
35	I-69	23063	2.3-2.4	94	9074	4.02	0.11
35	I-69	76024	2.3-2.4	92	9225	5.08	0.14
35	I-69	76024	2.4-2.5	92	9238	5.3	0.17
35	I-69	76024	2.7-2.8	92	9341	5.82	0.14
35	I-69	76024	3.1-3.2	92	9267	5.1	0.12
35	I-94	11017	1.0-1.1	96	9068	3.98	0.07
35	I-94	11017	1.1-1.2	96	9191	4.77	0.10
35	I-94	11017	1.2-1.3	96	9102	4.15	0.07
35	I-94	11017	2.4-2.5	96	9156	4.36	0.10
35	I-94	11017	3.0-3.1	96	9147	4.7	0.07
35	I-94	11017	3.1-3.2	96	9189	4.81	0.11
45	I-69	23063	0.2-0.3	94	9567	7.28	0.36
45	I-69	23063	3.8-3.9	96	9113	4.41	0.10
45	I-69	23063	3.9-4.0	96	9281	5.31	0.16
45	I-69	76024	0.3-0.4	96	9647	7.62	0.24
45	I-69	76024	3.9-4.0	96	9364	5.78	0.16
45	WB US-10	18024	0.9-1.0	93	9353	5.8	0.23
45	WB US-10	18024	1.1-1.2	93	9484	6.71	0.24
45	EB US-10	18024	3.1-3.2	92	9299	5.33	0.24
45	EB US-10	18024	3.3-3.4	92	9328	5.53	0.26
45	EB US-10	18024	4.5-4.6	92	9273	5.55	0.26
45	EB US-10	18024	3.0-3.1	95	9253	5.14	0.23
45	EB US-10	18024	3.1-3.2	95	9234	5.04	0.22
45	WB US-2	21022	7.8-7.9	93	9600	7.6	0.48
45	EB US-2	21025	2.4-2.5	95	9286	5.9	0.27
45	WB US-2	21025	4.3-4.4	95	9347	5.5	0.25
55	WB US-10	18024	1.1-1.2	95	9437	6.41	0.39
55	WB US-10	18024	4.1-4.2	95	9511	7.11	0.33
55	WB US-10	18024	6.6-6.7	95	9539	7.06	0.37
55	WB US-10	18024	6.8-6.9	95	9529	7.7	0.37
55	WB US-10	18024	7.1-7.2	95	9586	7.16	0.42
55	EB US-10	18024	2.7-2.8	92	9502	7.2	0.47
55	EB US-10	18024	5.5-5.6	92	9703	8.35	0.56
55	EB US-10	18024	6.0-6.1	92	9533	7.92	0.51
55	EB US-10	18024	6.1-6.2	92	9712	8.33	0.72
55	EB US-10	18024	6.6-6.7	92	9602	7.41	0.45
55	EB US-10	18024	7.0-7.1	92	9453	6.68	0.34
55	EB US-10	18024	4.0-4.1	95	9462	6.72	0.33
55	EB US-10	18024	5.3-5.4	95	9660	7.77	0.48
55	EB US-10	18024	6.1-6.2	95	9592	8.24	0.47
55	EB US-10	18024	7.0-7.1	95	9518	6.95	0.40
55	EB US-2	21022	2.0-2.1	93	9628	8.2	0.54

RQI, DLC, 95th Percentile DL and DLI for Rigid Pavement Sections (Continued)

RQI	Route No.	CS	M.P.	Year	95%tile	DLC	DLI
55	EB US-2	21022	7.4-7.5	93	9740	8.4	0.78
55	EB US-2	21025	1.7-1.8	95	9426	6.6	0.34
55	EB US-2	21025	3.6-3.7	95	9553	7.3	0.48
55	EB US-2	21025	3.7-3.8	95	9568	7.8	0.60
55	NB US-31	70014	0.3-0.4	94	9532	7.1	0.38
55	NB US-31	70014	1.6-1.7	94	9666	8.9	0.57
55	NB US-31	70014	3.6-3.7	94	9753	8.6	0.62
65	WB US-10	18024	5.5-5.6	96	9658	8.81	0.63
65	WB US-10	18024	6.0-6.1	96	9846	9.36	0.65
65	WB US-10	18024	7.6-7.7	94	9669	8	0.76
65	WB US-10	18024	2.9-3.0	95	9565	8.24	0.52
65	WB US-10	18024	7.0-7.1	96	9884	11.32	1.10
65	WB US-10	18024	7.4-7.5	96	9877	9.85	0.85
65	EB US-10	18024	0.9-1.0	93	9683	8.75	0.73
65	EB US-10	18024	2.9-3.0	93	9662	8.05	0.69
65	EB US-10	18024	2.0-2.1	94	9521	7.53	0.40
65	EB US-10	18024	0.9-1.0	95	9827	9.1	0.86
65	EB US-10	18024	2.3-2.4	95	9451	6.56	0.30
65	EB US-10	18024	2.9-3.0	95	9697	8.54	0.73
65	EB I-94	11017	3.9-4.0	92	9817	8.76	0.81
65	WB US-2	21022	2.0-2.1	93	9832	9	0.74
65	WB US-2	21022	2.8-2.9	93	9880	9.2	0.68
65	WB US-2	21022	5.0-5.1	93	10197	11	0.99
65	WB US-2	21022	5.1-5.2	93	10276	11.3	1.38
65	WB US-2	21022	6.8-6.9	93	10048	11	1.08
65	NB US-31	70014	5.6-5.7	94	10077	10.3	0.86
65	EB US-2	21025	1.6-1.7	95	10040	10	1.22
75	EB I-94	11017	2.8-2.9	92	10169	11.88	1.22
75	EB I-94	11017	3.4-3.5	93	10024	10.97	1.10
75	EB I-94	11017	1.7-1.8	94	9934	10.57	1.19
75	EB I-94	11017	3.6-3.7	94	10160	11.6	1.38
75	EB I-94	11017	3.9-4.0	94	9905	9.96	0.82
75	EB I-94	11017	4.8-4.9	94	10073	10.92	1.35
75	EB I-94	11017	3.4-3.5	95	10014	10.68	1.19
75	EB US-10	18024	0.5-0.6	93	9947	11.57	1.45
75	EB US-10	18024	7.2-7.3	93	10296	12.32	1.55
75	NB US-31	70014	5.4-5.5	94	10032	10.8	1.51
75	WB I-196 BL	70023	1.6-1.7	95	10135	11.5	1.16
75	WB I-196 BL	70023	2.7-2.8	95	10011	10.3	0.84
75	WB I-196 BL	70023	4.1-4.2	95	9880	9.8	0.96
80	EB I-94	11017	3.7-3.8	93	10106	12.44	1.17
80	EB I-94	11017	3.8-3.9	94	10501	13.54	1.95
80	EB I-94	11017	1.4-1.5	95	10074	11.63	1.25
80	EB I-94	11017	4.2-4.3	95	10178	11.59	1.39
80	WB US-10	18024	2.2-2.3	95	9949	10.51	0.94

RQI, DLC, 95th Percentile DL and DLI for Rigid Pavement Sections (Continued)

RQI	Route No.	CS	M.P.	Year	95%tile	DLC	DLI
80	WB I-196 BL	70023	0.0-0.1	95	10215	15.5	2.39
80	WB I-196 BL	70023	4.3-4.4	95	10353	12.6	1.91
85	EB I-94	11017	5.7-5.8	93	10735	15.72	2.19
85	EB I-94	11017	3.5-3.6	94	10610	15.13	1.85
85	EB I-94	11017	1.3-1.4	95	10146	12.01	1.29
85	EB I-94	11017	1.8-1.9	95	10424	12.95	2.04
90	EB I-94	11017	5.1-5.2	95	10954	18.37	3.24
90	EB I-94	11017	5.9-6.0	95	10759	16.94	2.30
90	EB I-94	11017	5.9-6.0	96	10742	16.02	2.00
90	WB I-196 BL	70023	1.7-1.8	95	10393	14.8	1.78
91	WB I-196 BL	70023	1.5-1.6	95	10824	17.9	2.53
92	WB US-2	21022	5.8-5.9	93	11209	19	3.80
95	EB I-94	11017	5.3-5.4	93	12059	23.13	4.39
95	EB I-94	11017	5.8-5.9	94	11389	20.93	3.78
95	EB I-94	11017	4.9-5.0	95	11876	22.16	5.98
99	EB I-94	11017	4.4-4.5	94	12865	28.77	6.33
99	EB I-94	11017	5.3-5.4	94	12211	24.58	4.90

RQI, DLC, 95th Percentile DL and DLI for Composite Pavement Sections

RQI	Route No.	CS	M.P.	Year	95%tile DL	DLC	DLI
30	EB I-94	38101	7.7-7.8	92	9119	4.3	0.12
30	EB I-94	38101	5.7-5.8	93	9193	5.1	0.18
30	EB I-94	38101	8.2-8.3	93	9277	5.4	0.22
30	NB US-127	38131	3.6-3.7	92	9111	4.3	0.14
30	NB US-127	38131	4.0-4.1	92	9128	4.4	0.14
30	NB US-127	38131	1.0-1.1	94	9124	4.4	0.08
30	SB US-131	78012	0.2-0.3	93	9160	4.9	0.12
30	SB US-131	78012	0.3-0.4	93	9244	4.9	0.18
30	SB US-131	78012	1.1-1.2	93	9576	7.1	0.22
30	SB US-131	78012	1.4-1.5	93	9294	5.6	0.36
30	SB US-131	78012	4.4-4.5	93	9207	4.9	0.29
30	SB US-131	78012	4.7-4.8	93	9271	5.2	0.24
40	EB I-94	38101	1.8-1.9	92	9292	5.5	0.37
40	EB I-94	38101	2.2-2.3	92	9322	5.5	0.22
40	EB I-94	38101	6.1-6.2	92	9444	6.1	0.22
40	EB I-94	38101	2.3-2.4	93	9450	6.6	0.28
40	EB I-94	38101	4.1-4.2	93	9220	5	0.18
40	EB I-94	38101	6.0-6.1	93	9363	6.4	0.40
40	EB I-94	38101	6.8-6.9	93	9378	6.6	0.26
40	EB I-94	38101	1.3-1.4	94	9393	5.9	0.31
40	EB I-94	38101	2.5-2.6	94	9382	6.2	0.25
40	EB I-94	38101	3.3-3.4	94	9306	5.2	0.18
40	EB I-94	38101	5.4-5.5	94	9274	5.7	0.22
40	EB I-94	38101	4.6-4.7	95	9271	5.4	0.30
40	EB I-94	38101	4.9-5.0	95	9338	5.6	0.26
40	EB I-94	38101	5.6-5.7	95	9311	5.5	0.28
40	NB US-127	38131	1.1-1.2	92	9303	5.7	0.19
40	NB US-127	38131	1.5-1.6	93	9335	5.5	0.17
40	M-21	76062	4.0-4.1	96	9275	5.9	0.21
40	SB US-131	78012	1.8-1.9	93	9380	6.4	0.43
40	SB US-131	78012	7.8-7.9	93	9273	5.7	0.30
50	EB I-94	38101	0.5-0.6	92	9506	7.4	0.40
50	EB I-94	38101	0.9-1.0	93	9579	7.1	0.40
50	EB I-94	38101	2.9-3.0	93	9461	7.5	0.36
50	EB I-94	38101	0.0-0.1	94	9568	7.1	0.63
50	EB I-94	38101	1.7-1.8	95	9361	5.8	0.24
50	EB I-94	38101	3.5-3.6	95	9363	6	0.25
50	EB I-94	38101	6.7-6.8	95	9496	7.4	0.34
50	EB I-94	38101	8.4-8.5	95	9284	5.8	0.24
50	NB US-127	38131	0.6-0.7	92	9354	6.4	0.38
50	NB US-127	38131	0.8-0.9	92	9333	6.4	0.38
50	NB US-127	38131	0.9-1.0	92	9199	5.4	0.27
50	NB US-127	38131	0.6-0.7	93	9402	6.5	0.40
50	NB US-127	38131	1.6-1.7	94	9346	5.9	0.25
50	NB US-127	38131	3.5-3.6	95	9380	6	0.26
50	NB US-127	38131	1.8-1.9	96	9270	5.8	0.33
50	NB US-127	38131	3.7-3.8	96	9297	5.4	0.19

RQI, DLC, 95th Percentile DL and DLI for Composite Pavement Sections (Continued)

RQI	Route No.	CS	M.P.	Year	95%tile DL	DLC	DLI
50	M-115	18011	2.6-2.7	96	9453	6.9	0.45
50	M-115	18011	7.5-7.6	96	9500	6.7	0.38
50	M-21	76062	3.4-3.5	96	9489	6.9	0.34
50	M-21	76062	6.3-3.4	96	9430	6.9	0.31
50	M-21	76062	9.0-9.1	96	9379	6.8	0.67
50	M-21	76062	10.3-10.4	96	9560	7.2	0.44
50	SB US-131	78012	3.4-3.5	93	10013	10.2	0.81
50	SB US-131	78012	7.0-7.1	93	9435	6.6	0.25
60	EB I-94	38101	7.1-7.2	92	9577	7.1	0.28
60	EB I-94	38101	2.0-2.1	94	9728	8.5	0.72
60	EB I-94	38101	0.5-0.6	95	9774	8.6	0.56
60	NB US-127	38131	4.3-4.4	92	9487	7.2	0.38
60	NB US-127	38131	3.9-4.0	93	9340	6.9	0.28
60	NB US-127	38131	0.3-0.4	94	9618	9.3	0.85
60	NB US-127	38131	3.3-3.4	94	9458	8.9	0.61
60	NB US-127	38131	4.9-5.0	94	9500	9	0.71
60	NB US-127	38131	2.4-2.5	95	9335	7.2	0.44
60	NB US-127	38131	5.1-5.2	95	9447	7.4	0.57
60	NB US-127	38131	0.2-0.3	96	9959	10.2	0.92
60	NB US-127	38131	3.3-3.4	96	9256	7.8	0.48
60	NB US-127	38131	4.2-4.3	96	9365	6.7	0.31
60	NB US-127	38131	4.6-4.7	96	9542	7.6	0.60
60	US-12	11011	2.2-2.3	96	9611	7.7	0.51
60	M-115	18011	0.1-0.2	96	9627	7.8	0.61
60	M-115	18011	1.0-1.1	96	9804	9.1	0.77
60	M-115	18011	8.2-8.3	96	9607	7.6	0.40
60	M-21	76062	2.6-2.7	96	9940	9.7	1.19
60	M-52	78012	6.0-6.1	93	9369	7.3	0.45
60	M-52	78012	7.4-7.5	93	9519	7.7	0.53
70	M-115	18011	0.0-0.1	96	9947	9.6	0.82
70	M-115	18011	1.3-1.4	96	9725	9.5	0.81
70	M-115	18011	5.4-5.5	96	10098	10.9	1.08
70	M-115	18011	5.9-6.0	96	9821	11.1	1.09
70	M-115	18011	6.0-6.1	96	9896	10.5	1.30
70	M-115	18011	8.0-8.1	96	9961	10.9	1.17
70	M-95	22012	13.4-13.5	96	9963	10.4	1.77
70	M-95	22012	13.7-13.8	96	9527	8.3	0.70
70	M-52	76012	7.3-7.4	96	9679	9.7	0.71
70	M-21	76062	3.2-3.3	96	10169	11.7	1.63
70	SB US-131	78012	3.5-3.6	93	10764	15.7	2.32
70	SB US-131	78012	8.6-8.7	93	9819	9.8	0.85
80	M-52	76012	0.7-0.8	96	10973	14.6	2.51
80	SB US-131	78012	9.8-9.9	93	10243	13.4	1.48
81	M-52	76012	5.7-5.8	96	9980	12.6	1.14
81	SB US-131	78012	2.9-3.0	93	11700	19.6	3.48
82	M-115	18011	8.9-9.0	96	10361	13.6	2.49

RQI, DLC, 95th Percentile DL and DLI for Composite Pavement Sections (Continued)

RQI	Route No.	CS	M.P.	Year	95%tile DL	DLC	DLI
82	M-95	22012	15.4-15.5	96	9654	10.3	1.11
82	SB US-131	78012	9.4-9.5	93	10123	13.2	1.71
83	SB US-131	78012	9.0-9.1	93	10423	13.7	2.14
84	M-21	76062	12.4-12.5	96	10179	13.6	2.11
84	SB US-131	78012	3.0-3.1	93	11387	19.2	3.63
85	M-21	76062	0.8-0.9	96	10565	16.3	2.36
86	SB US-131	78012	9.7-9.8	93	10574	14.7	1.78
87	M-115	18011	6.6-6.7	96	10170	14	1.39
87	SB US-131	78012	2.4-2.5	93	10901	17.9	5.21
87	SB US-131	78012	2.7-2.8	93	11184	18.8	3.47
87	SB US-131	78012	9.2-9.3	93	10283	14.1	2.16
89	M-21	76062	0.7-0.8	96	11261	18.5	2.35
90	M-21	76062	1.0-1.1	96	11218	19.1	3.33
93	M-21	76062	0.9-1.0	96	11553	20	4.44
95	SB US-131	78012	3.1-3.2	93	10936	18.1	5.64
96	M-21	76062	0.6-0.7	96	11275	19.4	3.45
99	M-52	76012	0.0-0.1	96	12616	30.8	9.85
103	M-21	76062	0.4-0.5	96	12517	25	6.46
104	SB US-131	78012	2.5-2.6	93	12882	31	7.58
104	SB US-131	78012	2.6-2.7	93	12394	24.3	5.69

RQI, DLC, 95th Percentile DL and DLI for Flexible Pavement Sections

RQI	Route No.	CS	M.P.	Year	95th% DL	DLC	DLI
20	EB US-10	09101	2.5-2.6	92	9093	4.2	0.11
20	EB US-10	09101	2.8-2.9	92	9019	3.6	0.07
20	EB US-10	09101	3.1-3.2	93	9053	3.8	0.13
20	EB US-10	09101	4.4-4.5	93	9220	4.5	0.20
20	EB I-96	33084	9.3-9.4	94	9165	4.5	0.07
20	EB I-96	33084	12.1-12.2	94	9088	3.9	0.08
20	EB I-96	33084	13.7-13.8	94	9029	3.6	0.08
20	EB I-96	33084	14.1-14.2	94	8959	3.2	0.15
20	EB I-96	33084	15.4-15.5	96	8886	2.8	0.04
30	EB US-10	09101	1.9-2.0	92	9141	5.2	0.19
30	EB US-10	09101	4.9-5.0	92	9322	5.7	0.23
30	EB US-10	09101	5.1-5.2	92	9207	4.9	0.22
30	EB US-10	09101	5.6-5.7	92	9256	5.2	0.22
30	EB US-10	09101	0.9-1.0	93	9399	6.2	0.51
30	EB US-10	09101	3.0-3.1	93	9330	5.5	0.16
30	EB US-10	09101	4.6-4.7	94	9224	4.8	0.38
30	EB US-10	09101	6.0-6.1	94	9296	5.4	0.20
30	EB I-96	33084	9.2-9.3	95	9128	4.2	0.09
30	EB I-96	33084	10.5-10.6	95	9113	4.1	0.10
30	EB I-96	33084	12.1-12.2	95	9220	4.7	0.11
30	EB I-96	33084	12.3-12.4	95	9030	3.7	0.11
30	EB I-96	33084	14.3-14.4	95	9046	3.8	0.09
30	EB I-96	33084	16.3-16.4	95	9101	4.1	0.13
30	EB I-96	33084	17.2-17.3	95	9188	4.8	0.09
30	NB US-23	47014	4.2-4.3	94	9243	5.2	0.17
30	NB US-23	47014	5.8-5.9	94	9201	4.7	0.21
30	NB US-23	47014	6.7-6.8	94	9273	5.5	0.16
30	NB US-23	47014	7.0-7.1	94	9277	5.1	0.15
30	M-30	26032	12.4-12.5	96	9194	5	0.20
30	M-57	29022	8.5-8.6	96	9170	4.5	0.10
30	M-28	31021	8.4-8.5	95	9168	4.2	0.12
40	EB US-10	09101	3.5-3.6	95	9413	6.1	0.22
40	EB US-10	09101	1.4-1.5	92	9366	6.9	0.16
40	EB US-10	09101	1.6-1.7	92	9403	7.1	0.40
40	EB US-10	09101	3.4-3.5	92	9432	5.9	0.25
40	EB US-10	09101	6.8-6.9	92	9565	6.6	0.46
40	EB US-10	09101	1.6-1.7	93	9554	7.1	0.84
40	EB I-96	33084	13.3-13.4	95	9466	5.8	0.33
40	NB US-23	47014	0.2-0.3	93	9401	6.3	0.16
40	NB US-23	47014	1.7-1.8	93	9355	6.4	0.33
40	NB US-23	47014	2.4-2.5	93	9526	6.9	0.52
40	NB US-23	47014	4.4-4.5	93	9450	7.4	0.46
40	NB US-23	47014	1.8-1.9	95	9487	6.7	0.37
40	NB US-23	47014	1.9-2.0	95	9475	6.1	0.38
40	NB US-23	47014	2.5-2.6	95	9562	6	0.62
40	NB US-23	47014	4.5-4.6	95	9377	3.9	0.38
40	NB US-23	47014	6.1-6.2	95	9417	6.3	0.22

RQI, DLC, 95th Percentile DL and DLI for Flexible Pavement Sections (Continued)

RQI	Route No.	CS	M.P.	Year	95th% DL	DLC	DLI
40	NB US-23	47014	7.0-7.1	95	9542	6.3	0.62
40	M-57	25102	6.8-6.9	96	9266	5	0.22
40	M-57	25102	7.9-8.0	96	9219	5.5	0.17
40	M-30	26032	0.3-0.4	96	9321	5.5	0.17
40	M-30	26032	0.5-0.6	96	9289	5.5	0.27
40	M-28	31021	0.0-0.1	95	9378	6.3	0.76
40	M-28	31021	8.6-8.7	95	9233	5.5	0.20
50	NB US-23	47014	4.2-4.3	96	9327	6	0.23
50	M-88	05031	19.0-19.1	96	9667	7.6	0.67
50	M-95	22013	9.7-9.8	94	9479	6.6	0.35
50	M-57	25102	1.2-1.3	96	9580	7.7	0.44
50	M-57	25102	1.3-1.4	96	9483	6.7	0.38
50	M-57	25102	4.7-4.8	96	9388	6.2	0.30
50	M-30	26032	7.5-7.6	96	9748	8.9	0.64
50	M-30	26032	9.3-9.4	96	9217	6.9	0.35
50	M-57	29022	0.7-0.8	96	9376	6	0.26
50	M-57	29022	1.5-1.6	96	9178	5	0.19
50	M-57	29022	1.6-1.7	96	9431	6.3	0.27
50	M-28	31021	3.1-3.2	95	9527	6.9	0.42
50	M-28	31021	4.3-4.4	95	9683	7.8	0.54
50	M-65	35012	9.7-9.8	96	9829	9.4	0.88
50	M-65	35012	12.9-13.0	96	9755	9.5	0.91
50	M-65	35012	14.7-14.8	96	9714	8.2	0.89
60	M-95	22013	3.2-3.3	94	9696	8.2	0.42
60	M-95	22013	10.3-10.4	94	9824	8.8	0.62
60	M-57	25102	1.4-1.5	96	9652	8.1	0.62
60	M-57	25102	3.9-4.0	96	9662	8.1	0.57
60	M-57	25102	8.4-8.5	96	9451	6.8	0.71
60	M-57	25102	8.8-8.9	96	9598	7.4	0.71
60	M-30	26032	7.3-7.4	96	9738	8.7	0.74
60	M-28	31021	2.7-2.8	95	9703	8.6	0.85
60	M-28	31021	9.0-9.1	95	9554	8.4	0.75
60	M-28	31021	9.5-9.6	95	9779	8.7	0.60
60	M-65	35012	8.9-9.0	96	10248	11.2	0.92
60	M-65	35012	12.0-12.1	96	9983	10.1	1.15
60	M-65	35012	15.8-15.9	96	10022	9.7	1.18
60	NB US-31	61074	0.4-0.5	96	9424	6.7	0.42
60	NB US-31	61074	2.0-2.1	96	9703	7.9	0.64
60	NB US-27	72014	0.5-0.6	96	9747	7.9	0.47
60	NB US-27	72014	1.5-1.6	96	9684	8.3	0.54
60	NB US-27	72014	5.6-5.7	96	9644	8.3	0.41
70	M-57	25102	4.9-5.0	96	10001	10.5	1.16
70	M-57	25102	8.9-9.0	96	9703	9	0.68
70	M-65	35012	8.5-8.6	96	9872	12.1	1.22
70	NB US-27	72014	0.6-0.7	96	10065	10.8	0.97
75	M-88	05031	19.7-19.8	96	9913	10.6	1.29

RQI, DLC, 95th Percentile DL and DLI for Flexible Pavement Sections (Continued)

RQI	Route No.	CS	M.P.	Year	95th% DL	DLC	DLI
75	M-95	22013	8.7-8.8	94	10801	15.5	1.95
75	NB US-27	72014	0.4-0.5	96	10295	11.7	1.04
76	M-95	22013	9.3-9.4	94	10216	12.3	1.29
76	M-57	25102	4.5-4.6	96	9887	11.5	1.44
76	M-57	25102	5.7-5.8	96	10241	13.3	1.51
76	M-65	35012	7.8-7.9	96	10470	14.2	1.72
77	M-95	22013	9.0-9.1	94	10613	14.1	1.88
77	NB US-27	72014	0.0-0.1	96	10194	12.2	1.08
77	NB US-27	72014	0.2-0.3	96	10039	11.2	1.28
78	M-95	22013	9.1-9.2	94	11443	18.2	2.80
79	M-95	22013	8.8-8.9	94	10337	13.9	1.66
79	M-95	35012	7.0-7.1	96	11186	17.4	3.33
80	M-95	35012	15.2-15.3	96	10880	14.9	2.09
81	M-65	35012	13.6-13.7	96	11248	17.1	3.32
82	M-88	05031	19.8-19.9	96	10287	14.8	2.82
82	M-65	35012	15.1-15.2	96	10769	16.1	2.26
83	M-57	25102	8.6-8.7	96	10807	15.5	2.64
88	M-95	22013	9.2-9.3	94	11411	20.4	3.54

APPENDIX F
RQI INCREASE RATE FOR RIGID PAVEMENTS

RQI Increase Rate for Rigid Pavements

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	98	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	98-93	96-92
19042n	0.5	46.4	48.2	47.8	51.0	48.2	1.8	-0.4	3.2	-2.8	1.4	2.8	0.4	4.8	0.0	1.8
	1	49.0	47.6	51.4	56.8	51.2	-1.4	3.8	5.4	-5.8	2.4	9.2	-0.2	7.8	3.6	2.2
	1.5	47.6	46.6	48.6	50.4	50.0	-1.0	2.0	1.8	-0.4	1.0	3.8	1.4	2.8	3.4	2.4
	2	48.6	47.8	50.8	51.6	52.2	-0.8	3.0	0.8	0.8	2.2	3.8	1.4	3.0	4.4	3.6
	2.5	45.8	45.8	48.6	52.2	51.4	0.0	2.8	3.8	-0.8	2.8	6.4	2.8	6.4	5.6	5.6
	3	51.0	48.8	52.6	56.0	54.4	-2.4	4.0	3.4	-1.6	1.8	7.4	1.8	5.0	5.8	3.4
	3.5	48.0	47.6	50.2	51.2	50.2	-0.4	2.6	1.0	-1.0	2.2	3.8	0.0	3.2	2.6	2.2
	4	49.6	49.2	51.4	55.6	51.2	-0.4	2.2	4.2	-4.4	1.8	6.4	-0.2	8.0	2.0	1.6
	4.5	46.8	47.0	49.6	54.6	52.4	0.2	2.6	5.0	-2.2	2.8	7.8	2.8	7.8	5.4	5.6
	5	48.2	48.0	50.6	56.6	53.2	-0.2	2.6	6.0	-3.4	2.4	8.6	2.8	8.4	5.2	5.0
	5.5	45.2	47.8	47.4	53.8	50.2	2.6	-0.4	6.4	-3.6	2.2	8.0	2.8	8.6	2.4	5.0
	6	46.0	46.2	47.8	50.8	50.8	0.2	1.6	3.0	0.0	1.8	4.8	3.0	4.8	4.8	4.8
	6.5	49.2	48.0	49.2	50.8	50.2	-1.2	1.2	1.6	-0.6	0.0	2.8	1.0	1.6	2.2	1.0
	7	48.2	47.8	50.4	51.4	52.6	-0.4	2.6	1.0	1.2	2.2	3.6	2.2	3.2	4.8	4.4
19042s	0	44.0	45.2	45.8	45.8	47.4	1.2	0.8	0.0	1.7	1.8	0.5	1.6	1.8	2.2	3.4
	0.5	48.5	51.8	52.3	54.0	43.0	3.3	0.5	1.8	-11.0	3.8	2.3	-9.3	5.5	-8.8	-5.5
	1	47.6	48.8	49.4	51.8	53.4	-1.0	2.8	2.4	1.6	1.8	5.2	4.0	4.2	6.8	5.8
	1.5	39.6	38.6	42.4	48.2	46.6	-1.0	3.8	5.8	-1.6	2.8	9.6	4.2	8.6	8.0	7.0
	2	44.6	42.6	45.2	50.4	48.4	-2.0	2.6	5.2	-2.0	0.6	7.8	3.2	5.8	5.8	3.8
	2.5	51.4	51.2	52.8	55.4	53.8	-0.2	1.6	2.6	-1.6	1.4	4.2	1.0	4.0	2.6	2.4
	3	46.8	46.8	47.6	50.4	50.4	0.0	0.8	2.8	0.0	0.8	3.6	2.8	3.6	3.6	3.6
	3.5	48.4	46.8	49.2	51.4	51.0	-1.6	2.4	2.2	-0.4	0.8	4.6	1.8	3.0	4.2	2.6
	4	49.4	48.8	51.8	57.0	52.2	-0.8	3.0	5.2	-4.8	2.4	8.2	0.4	7.6	3.4	2.8
	4.5	46.6	46.8	48.6	48.0	51.6	0.2	1.8	-0.6	3.6	2.0	1.2	3.0	1.4	4.8	5.0
	5	45.8	44.8	46.6	49.2	48.8	-1.0	1.8	2.6	-0.6	0.8	4.4	2.0	3.4	3.8	2.8
	5.5	49.0	48.8	51.0	52.2	52.4	-0.4	2.4	1.2	0.2	2.0	3.8	1.4	3.2	3.8	3.4
	6	47.8	48.8	50.2	53.8	52.8	1.0	1.4	3.6	-1.2	2.4	5.0	2.4	8.0	3.8	4.8
	6.5	50.6	49.6	52.0	56.0	54.2	-1.0	2.4	4.0	-1.8	1.4	6.4	2.2	5.4	4.6	3.6
	7	55.4	54.2	56.4	55.4	57.2	-1.2	2.2	-1.0	1.8	1.0	1.2	0.8	0.0	3.0	1.8
	7.5	51.2	51.2	52.8	54.4	54.2	0.0	1.6	1.6	-0.2	1.8	3.2	1.4	3.2	3.0	3.0
34043e	0	41.8	43.5	41.8	52.0	47.3	1.8	-1.8	10.3	-4.8	0.0	8.5	5.5	10.3	3.8	5.5
	0.5	43.8	44.0	44.4	45.4	47.4	0.2	0.4	1.0	2.0	0.6	1.4	3.0	1.6	3.4	3.6
	1	37.4	39.0	40.2	40.6	44.0	1.6	1.2	0.4	3.4	2.8	1.8	3.8	3.2	5.0	6.6
	1.5	43.4	41.8	44.4	44.8	46.0	-1.6	2.6	0.4	1.2	1.0	3.0	1.6	1.4	4.2	2.6
	2	46.0	45.8	47.2	49.2	49.8	-0.2	1.4	2.0	0.6	1.2	3.4	2.6	3.2	4.0	3.8
	2.5	46.4	47.4	47.6	50.2	51.0	1.0	0.2	2.6	0.8	1.2	2.8	3.4	3.8	3.6	4.6
	3	41.2	40.8	41.8	45.0	49.0	-0.4	1.0	3.2	4.0	0.6	4.2	7.2	3.8	8.2	7.8
	3.5	44.2	46.0	45.8	46.4	50.2	1.8	-0.2	0.6	3.8	1.6	0.4	4.4	2.2	4.2	6.0
	4	44.8	44.8	46.4	48.4	49.8	0.0	1.6	2.0	1.4	1.6	3.6	3.4	3.6	5.0	5.0
	4.5	45.2	45.8	47.4	49.0	50.2	0.6	1.6	1.6	1.2	2.2	3.2	2.8	3.8	4.4	5.0
	5	48.4	50.8	51.6	53.4	54.0	2.4	0.8	1.8	0.6	3.2	2.6	2.4	5.0	3.2	5.6
	5.5	47.2	48.6	47.8	48.8	52.8	1.4	-0.8	1.0	4.0	0.6	0.2	5.0	1.6	4.2	5.6
	6	42.2	43.4	44.0	47.2	46.6	1.2	0.6	3.2	-0.8	1.8	3.8	2.6	5.0	3.2	4.4
	6.5	43.8	45.4	45.4	50.4	50.0	1.6	0.0	5.0	-0.4	1.6	5.0	4.6	8.6	4.6	6.2

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	98-95	94-92	95-93	96-94	95-92	96-93	96-92
34043w	0	41.8	42.6	43.6	47.6	48.0	0.9	1.0	4.0	0.4	1.9	5.0	4.4	5.9	5.4	8.3
	0.5	38.8	38.6	39.0	41.2	41.8	-0.2	0.4	2.2	0.4	0.2	2.6	2.8	2.4	3.0	2.8
	1	45.0	42.2	43.8	49.2	46.6	-2.8	1.6	5.4	-2.6	-1.2	7.0	2.8	4.2	4.4	1.6
	1.5	42.8	42.6	42.8	47.8	48.0	-0.2	0.2	5.0	0.2	0.0	5.2	5.2	5.0	5.4	5.2
	2	42.4	42.0	44.0	48.8	49.2	-0.4	2.0	4.8	0.4	1.8	6.8	5.2	6.4	7.2	8.8
	2.5	43.0	42.8	44.4	47.8	48.2	-0.2	1.6	3.4	0.4	1.4	5.0	3.8	4.8	5.4	5.2
	3	45.8	47.4	47.8	49.4	50.0	1.8	0.4	1.6	0.6	2.0	2.0	2.2	3.6	2.8	4.2
	3.5	45.6	44.8	46.8	49.4	51.2	-0.8	2.0	2.6	1.8	1.2	4.6	4.4	3.8	6.4	5.6
	4	39.8	40.0	40.2	46.8	45.6	0.2	0.2	6.6	-1.2	0.4	6.8	5.4	7.0	5.6	5.8
	4.5	46.0	45.0	45.2	50.6	50.8	-1.0	0.2	5.4	0.2	-0.8	5.6	5.6	4.6	5.8	4.8
	5	44.6	45.6	44.4	49.4	50.4	1.0	-1.2	5.0	1.0	-0.2	3.8	6.0	4.8	4.8	5.8
	5.5	43.0	44.4	46.8	48.8	51.0	1.4	2.4	2.0	2.2	3.8	4.4	4.2	5.8	6.6	8.0
	6	43.8	44.2	46.6	50.6	53.6	0.4	2.4	4.0	3.0	2.8	6.4	7.0	6.8	9.4	9.8
	6.5	40.8	39.2	41.8	45.6	46.6	-1.6	2.6	3.8	1.0	1.0	6.4	4.8	4.8	7.4	5.8
80024e	5.5	49.0	52.2	49.0	52.6	57.8	3.2	-3.2	3.8	5.2	0.0	0.4	8.8	3.6	5.6	8.8
	6	46.6	49.0	47.4	49.8	52.2	2.4	-1.6	2.4	2.4	0.8	0.8	4.8	3.2	3.2	5.6
	6.5	48.8	54.0	55.8	51.8	55.8	5.2	1.8	-4.0	3.8	7.0	-2.2	-0.2	3.0	1.6	6.8
	7	50.8	52.8	57.8	54.4	59.6	2.0	5.0	-3.4	5.2	7.0	1.6	1.8	3.6	6.8	8.8
	7.5	47.0	49.6	57.6	51.2	55.2	2.6	8.0	-6.4	4.0	10.6	1.6	-2.4	4.2	5.8	8.2
	8	48.6	49.8	50.0	52.8	57.2	1.2	0.2	2.8	4.4	1.4	3.0	7.2	4.2	7.4	8.6
	8.5	49.8	50.8	47.6	52.8	55.8	1.0	-3.2	5.2	2.8	-2.2	2.0	8.0	3.0	4.8	5.8
	9	51.6	52.8	52.2	57.0	61.2	1.2	-0.6	4.8	4.2	0.6	4.2	9.0	5.4	8.4	9.6
	9.5	51.0	51.8	53.4	56.8	58.8	0.8	1.6	3.4	2.0	2.4	5.0	5.4	5.8	7.0	7.8
	10	49.4	50.2	48.8	53.2	56.2	0.8	-1.5	4.5	3.0	-0.6	3.0	7.5	3.8	6.0	6.8
34044e	3	44.6	47.0	44.4	49.0	49.0	2.4	-2.8	4.8	0.0	-0.2	2.0	4.6	4.4	2.0	4.4
	3.5	49.2	49.6	51.4	55.2	58.2	0.4	1.8	3.8	3.0	2.2	5.6	6.8	6.0	8.6	9.0
	4	44.8	45.8	45.0	49.8	52.6	1.0	-0.8	4.8	2.8	0.2	4.0	7.6	5.0	6.8	7.8
	4.5	42.2	45.4	43.6	47.6	48.0	3.2	-1.8	4.0	0.4	1.4	2.2	4.4	5.4	2.6	5.8
	5	50.2	54.0	55.0	56.0	56.6	3.8	1.0	1.0	0.6	4.8	2.0	1.8	5.8	2.6	6.4
	5.5	50.0	53.3	51.0	52.5	53.8	3.3	-2.3	1.5	1.3	1.0	-0.8	2.8	2.5	0.5	3.8
	6	49.8	51.6	51.2	52.6	55.2	1.8	-0.4	1.4	2.6	1.4	1.0	4.0	2.8	3.6	5.4
	6.5	44.8	46.2	47.4	47.2	48.8	1.4	1.2	-0.2	1.6	2.6	1.0	1.4	2.4	2.6	4.0
	7	44.8	47.2	46.0	47.6	49.4	2.4	-1.2	1.6	1.8	1.2	0.4	3.4	2.8	2.2	4.6
	7.5	44.0	45.8	48.4	46.8	47.4	1.8	2.6	-1.6	0.6	4.4	1.0	-1.0	2.8	1.6	3.4
	8	41.7	49.0	46.5	44.0	45.7	7.3	-2.5	-2.5	1.7	4.8	-5.0	-0.8	2.3	-3.3	4.0
	8.5	46.3	49.8	48.5	49.8	52.3	3.5	-1.3	1.3	2.5	2.3	0.0	3.8	3.5	2.5	6.0
	9	47.5	46.0	45.0	46.5	47.0	-1.5	-1.0	1.5	0.5	-2.5	0.5	2.0	-1.0	1.0	-0.5
	9.5	46.3	49.3	49.3	49.0	50.0	2.9	0.1	-0.3	1.0	3.0	-0.3	0.7	2.7	0.8	3.7
	10	43.0	50.3	43.3	43.7	N.A.	7.3	-7.0	0.3	N.A.	0.3	-6.7	N.A.	0.7	N.A.	N.A.
	10.5	41.6	43.4	43.2	46.8	48.0	1.8	-0.2	3.6	1.2	1.6	3.4	4.8	5.2	4.6	6.4
	11	42.2	43.4	45.6	46.2	46.8	1.2	2.2	0.6	0.6	3.4	2.8	1.2	4.0	3.4	4.6
	11.5	42.4	46.8	46.2	51.4	51.0	4.4	-0.6	5.2	-0.4	3.8	4.6	4.8	9.0	4.2	8.6
	12	45.0	47.2	47.2	47.8	50.8	2.2	0.0	0.6	3.0	2.2	0.6	3.6	2.8	3.6	5.8
	12.5	42.4	45.4	48.0	51.2	52.0	3.0	2.6	3.2	0.8	5.6	5.8	4.0	8.8	6.6	9.6
	13	43.0	43.4	45.0	43.2	45.0	0.4	1.6	-1.8	1.8	2.0	-0.2	0.0	0.2	1.6	2.0

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
13082e'	6.5	43.6	45.8	49.2	52.4	57.8	2.2	3.4	3.2	5.2	5.6	6.6	6.4	6.6	11.6	14.0
	7	47.8	52.8	52.2	57.4	64.2	5.0	-0.6	5.2	6.8	4.4	4.8	12.0	9.6	11.4	18.4
	7.5	44.2	50.4	47.8	54.0	57.2	6.2	-2.6	6.2	3.2	3.6	3.6	9.4	9.8	6.6	13.0
	8	45.2	55.2	55.6	61.6	65.8	10.0	0.4	6.0	4.2	10.4	6.4	10.2	16.4	10.6	20.6
	8.5	43.6	50.4	47.0	53.0	57.0	6.8	-3.4	6.0	4.0	3.4	2.6	10.0	9.4	6.6	13.4
	9	47.2	51.4	52.6	55.6	58.0	4.2	1.2	3.0	2.4	5.4	4.2	5.4	8.4	6.6	10.8
	9.5	42.4	43.4	49.8	52.4	54.2	1.0	6.4	2.6	1.8	7.4	9.0	4.4	10.0	10.8	11.8
	10	44.4	44.6	44.8	50.8	52.6	0.2	0.2	6.0	2.0	0.4	6.2	8.0	6.4	8.2	8.4
	10.5	45.4	48.8	46.6	52.6	55.2	3.4	-2.2	6.0	2.6	1.2	3.8	8.6	7.2	6.4	9.8
	11	47.0	53.8	51.4	56.2	59.8	6.8	-2.4	4.8	3.6	4.4	2.4	8.4	9.2	6.0	12.8
13082w2	6.5	46.4	51.0	52.8	58.8	63.6	4.6	1.8	6.0	4.8	6.4	7.8	10.8	12.4	12.8	17.2
	7	45.4	50.2	50.8	58.6	59.8	4.8	0.6	7.8	1.2	5.4	8.4	9.0	13.2	9.6	14.4
	7.5	46.2	47.6	50.2	55.2	58.4	1.4	2.6	5.0	1.2	4.0	7.6	6.2	9.0	8.8	10.2
	8	48.6	50.0	52.8	54.6	59.4	1.4	2.8	1.8	4.8	4.2	4.8	6.6	6.0	9.4	10.8
	8.5	45.8	48.2	50.2	53.0	56.8	2.4	2.0	2.8	3.8	4.4	4.8	6.6	7.2	8.6	11.0
	9	46.0	48.8	49.6	54.2	57.4	2.6	1.0	4.6	3.2	3.6	5.8	7.8	8.2	8.8	11.4
	9.5	48.4	48.6	50.2	54.0	51.6	0.2	1.6	3.8	-2.4	1.8	5.4	1.4	5.6	3.0	3.2
	10	42.2	42.8	45.4	49.0	48.8	0.6	2.6	3.6	-0.2	3.2	6.2	3.4	6.8	6.0	6.6
	10.5	43.2	43.8	46.8	52.0	52.4	0.6	3.0	5.2	0.4	3.6	8.2	5.6	8.8	8.6	9.2
	11	40.4	41.4	42.4	45.8	46.0	1.0	1.0	3.2	0.4	2.0	4.2	3.6	5.2	4.6	5.6
13083e	5.5	41.4	39.2	40.2	45.6	48.4	-2.2	1.0	5.4	2.8	-1.2	6.4	8.2	4.2	9.2	7.0
	8	59.2	63.8	64.2	64.4	69.0	4.6	0.4	0.2	4.6	5.0	0.6	4.8	5.2	5.2	9.8
	6.5	59.6	62.2	63.4	61.8	63.2	2.6	1.2	-1.6	1.4	3.8	-0.4	-0.2	2.2	1.0	3.6
	7	59.8	80.8	63.4	64.2	66.4	1.2	2.6	0.8	2.2	3.8	3.4	3.0	4.6	5.6	6.8
	7.5	64.2	64.6	66.6	67.8	69.0	0.4	2.0	1.2	1.2	2.4	3.2	2.4	3.6	4.4	4.8
	8	56.4	56.6	59.4	60.2	61.6	0.2	2.8	0.8	1.4	3.0	3.6	2.2	3.8	5.0	5.2
	8.5	59.2	61.4	63.6	63.8	65.0	2.2	2.2	0.2	1.2	4.4	2.4	1.4	4.6	3.6	5.8
	9	64.0	64.4	68.4	65.2	68.6	0.4	4.0	-3.2	3.4	4.4	0.8	0.2	1.2	4.2	4.6
	9.5	64.4	66.4	69.0	89.4	70.4	2.0	2.6	0.4	1.0	4.6	3.0	1.4	5.0	4.0	6.0
	10	57.8	57.2	60.2	60.2	63.2	-0.6	3.0	0.0	3.0	2.4	3.0	3.0	2.4	6.0	5.4
	10.5	58.8	59.6	60.0	62.2	62.0	0.8	0.4	2.2	-0.2	1.2	2.6	2.0	3.4	2.4	3.2
	11	61.8	62.4	63.4	63.4	64.6	0.6	1.0	0.0	1.2	1.6	1.0	1.2	1.6	2.2	2.8
13083w	5.5	35.4	38.6	38.2	38.8	43.6	3.2	-0.4	0.6	4.8	2.8	0.2	5.4	3.4	5.0	8.2
	6	60.2	60.4	61.8	59.6	63.6	0.2	1.4	-2.2	4.0	1.6	-0.6	1.8	-0.8	3.2	3.4
	6.5	60.4	59.8	61.4	62.0	63.6	-0.6	1.6	0.6	1.6	1.0	2.2	2.2	1.6	3.6	3.2
	7	57.3	56.2	58.0	58.8	61.4	-1.1	1.8	0.6	2.6	0.7	2.4	3.4	1.3	5.2	4.1
	7.5	55.8	54.6	56.4	55.6	59.6	-1.2	1.6	-0.8	4.2	0.6	1.0	3.4	-0.2	5.2	4.0
	8	53.4	54.0	54.8	57.4	58.4	0.6	0.8	2.6	1.0	1.4	3.4	3.6	4.0	4.4	5.0
	8.5	52.4	52.2	53.8	53.6	56.6	-0.2	1.4	0.0	3.0	1.2	1.4	3.0	1.2	4.4	4.2
	9	53.8	54.0	55.6	55.4	59.8	0.4	1.8	-0.4	4.4	2.2	1.4	4.0	1.8	5.8	6.2
	9.5	51.8	52.4	56.4	56.0	58.6	0.6	4.0	-0.4	2.6	4.6	3.6	2.2	4.2	6.2	6.8
	10	51.6	50.0	52.4	53.0	55.3	-1.6	2.4	0.6	2.3	0.8	3.0	2.9	1.4	5.3	3.7
	10.5	51.8	50.4	51.4	55.8	58.6	-1.4	1.0	4.4	2.8	-0.4	5.4	7.2	4.0	8.2	6.8
	11	54.0	53.6	55.4	53.8	58.2	-0.4	1.8	-1.6	4.4	1.4	0.2	2.8	-0.2	4.6	4.2

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
44044e	0.5	39.0	40.6	39.0	45.8	44.3	1.6	-1.6	8.8	-1.4	0.0	5.2	5.3	6.8	3.7	5.3
	1	34.3	39.0	42.8	47.4	45.4	4.8	3.8	4.8	-2.0	8.4	8.4	2.8	13.2	8.4	11.2
	1.5	38.4	39.4	40.6	46.2	44.6	3.0	1.2	5.6	-1.6	4.2	8.8	4.0	9.8	5.2	8.2
	2	35.0	33.6	35.2	43.8	42.0	-1.4	1.6	8.8	-1.8	0.2	10.2	6.8	8.8	8.4	7.0
	2.5	39.8	40.4	40.8	49.0	51.6	0.6	0.4	8.2	2.6	1.0	8.6	10.8	9.2	11.2	11.8
	3	37.8	38.3	40.5	46.0	43.3	0.5	2.3	5.5	-2.8	2.8	7.8	2.8	8.3	5.0	5.5
	3.5	37.8	40.8	44.4	52.0	55.4	3.0	3.6	7.6	3.4	6.6	11.2	11.0	14.2	14.6	17.6
	4	42.4	44.0	44.2	53.8	53.4	1.6	0.2	9.8	-0.4	1.8	9.8	9.2	11.4	9.4	11.0
	4.5	38.8	41.6	42.8	47.8	49.4	2.8	1.2	5.0	1.6	4.0	8.2	6.6	9.0	7.8	10.6
	5	38.6	38.0	41.2	45.4	45.0	-0.6	3.2	4.2	-0.4	2.6	7.4	3.8	6.8	7.0	6.4
	5.5	45.4	48.2	48.2	55.2	58.0	2.8	0.0	7.0	2.8	2.8	7.0	9.8	9.8	9.8	12.8
	6	45.6	50.4	51.6	51.8	56.2	4.8	1.2	0.2	4.4	8.0	1.4	4.6	8.2	5.8	10.6
	6.5	50.2	51.2	53.4	59.6	59.8	1.0	2.2	6.2	0.2	3.2	8.4	6.4	9.4	8.6	9.8
	7	49.8	51.2	52.4	53.4	57.0	1.4	1.2	1.0	3.8	2.6	2.2	4.8	3.6	5.8	7.2
	7.5	45.2	46.2	47.6	50.2	48.4	1.0	1.4	2.6	-1.8	2.4	4.0	0.8	5.0	2.2	3.2
	8	45.8	49.0	48.2	51.2	47.8	3.2	-0.8	3.0	-3.4	2.4	2.2	-0.4	5.4	-1.2	2.0
	8.5	50.2	51.4	51.4	52.2	52.4	1.2	0.0	0.8	0.2	1.2	0.8	1.0	2.0	1.0	2.2
	9	47.8	49.0	48.3	52.3	51.3	1.3	-0.8	4.0	-1.0	0.5	3.3	3.0	4.5	2.3	3.5
	9.5	45.0	46.0	48.8	49.0	48.6	1.0	0.8	2.2	-0.4	1.8	3.0	1.8	4.0	2.6	3.6
	10	54.4	54.0	55.8	57.4	56.4	-0.4	1.8	1.8	-1.0	1.4	3.4	0.8	3.0	2.4	2.0
	10.5	51.5	52.8	53.3	56.3	54.8	1.3	0.5	3.0	-1.5	1.8	3.5	1.5	4.8	2.0	3.3
	11	50.8	52.8	53.2	57.8	55.0	1.8	0.6	4.4	-2.6	2.4	5.0	1.8	6.8	2.4	4.2
	11.5	50.0	49.3	52.0	51.7	51.5	-0.7	2.7	-0.3	-0.2	2.0	2.3	-0.5	1.7	2.2	1.5
	12	51.2	51.4	52.2	54.6	55.2	0.2	0.8	2.4	0.6	1.0	3.2	3.0	3.4	3.8	4.0
	12.5	53.2	52.6	54.4	55.8	58.4	-0.6	1.8	1.4	2.6	1.2	3.2	4.0	2.6	5.8	5.2
	13	47.8	48.2	48.6	54.2	53.0	0.4	0.4	5.6	-1.2	0.8	8.0	4.4	8.4	4.8	5.2
	13.5	46.6	49.0	50.4	52.8	57.8	2.4	1.4	2.4	5.0	3.8	3.8	7.4	6.2	8.8	11.2
	14	42.8	46.4	46.2	53.8	52.4	3.6	-0.2	7.6	-1.4	3.4	7.4	6.2	11.0	6.0	9.6
	14.5	45.0	48.8	48.2	49.8	50.8	3.8	-0.6	1.6	1.0	3.2	1.0	2.6	4.8	2.0	5.6
	15	47.4	48.6	48.4	54.0	54.0	1.2	-0.2	5.6	0.0	1.0	5.4	5.6	6.6	5.4	6.6
	15.5	47.0	49.2	48.8	53.8	52.2	2.2	-0.4	5.0	-1.6	1.8	4.6	3.4	6.8	3.0	5.2
	16	45.4	47.2	48.2	52.0	51.8	1.8	1.0	3.8	-0.2	2.8	4.8	3.6	6.6	4.6	6.4
	16.5	47.3	48.5	50.0	52.0	51.0	1.3	1.5	2.0	-1.0	2.8	3.5	1.0	4.8	2.5	3.8
	17	44.0	45.2	46.4	51.6	53.8	1.2	1.2	5.2	2.2	2.4	6.4	7.4	7.6	8.6	9.8
44044w	0	45.7	47.0	50.7	49.3	49.7	1.3	3.7	-1.3	0.3	5.0	2.3	-1.0	3.7	2.7	4.0
	0.5	42.0	43.8	50.0	51.0	51.3	1.8	6.3	1.0	0.3	8.0	7.3	1.3	9.0	7.6	9.3
	1	41.8	39.6	47.4	47.8	47.0	-2.2	7.8	0.4	-0.8	5.6	8.2	-0.4	6.0	7.4	5.2
	1.5	39.0	39.0	46.6	55.8	49.6	0.0	7.6	9.2	-6.2	7.6	16.8	3.0	16.8	10.6	10.6
	2	43.2	42.4	49.2	43.8	46.4	-0.8	6.8	-5.4	2.6	8.0	1.4	-2.8	0.6	4.0	3.2
	2.5	36.4	36.6	43.2	49.0	45.8	0.2	6.6	5.8	-3.2	6.8	12.4	2.6	12.6	9.2	9.4
	3	38.8	42.3	44.3	48.0	49.3	3.5	2.0	3.8	1.3	5.5	5.8	5.0	9.3	7.0	10.5
	3.5	43.0	47.2	51.2	50.6	51.4	4.2	4.0	-0.6	0.8	8.2	3.4	0.2	7.6	4.2	8.4
	4	41.0	39.0	46.0	48.0	51.8	-2.0	7.0	2.0	3.8	5.0	9.0	5.8	7.0	12.8	10.8
	4.5	43.8	42.6	49.2	52.2	53.4	-1.2	6.6	3.0	1.2	5.4	9.6	4.2	8.4	10.8	9.6
	5	41.2	41.0	45.0	48.6	47.2	-0.2	4.0	3.6	-1.4	3.8	7.6	2.2	7.4	6.2	6.0
	5.5	48.4	50.6	56.4	56.8	58.0	2.2	5.8	0.4	1.2	8.0	6.2	1.6	8.4	7.4	9.6
	6	38.4	42.4	46.2	52.0	50.4	4.0	3.8	5.8	-1.6	7.8	9.6	4.2	13.6	8.0	12.0
	6.5	49.8	53.6	58.2	61.2	59.2	3.8	4.6	3.0	-2.0	8.4	7.6	1.0	11.4	5.6	9.4

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	98	93-92	94-93	95-94	98-95	94-92	95-93	96-94	95-92	96-93	96-92
44044w	7	42.8	45.6	50.2	49.6	49.8	2.8	4.8	-0.6	0.0	7.4	4.0	-0.6	6.8	4.0	6.8
	7.5	47.8	48.0	51.4	51.8	50.6	0.2	3.4	0.2	-1.0	3.6	3.8	-0.8	3.8	2.6	2.8
	8	45.8	46.4	51.4	48.8	52.4	0.6	5.0	-2.6	3.6	5.6	2.4	1.0	3.0	6.0	6.6
	8.5	43.2	43.6	49.0	47.4	47.6	0.4	5.4	-1.6	0.2	5.8	3.8	-1.4	4.2	4.0	4.4
	9	45.3	46.8	49.8	50.8	54.7	1.5	3.0	1.0	3.9	4.5	4.0	4.9	5.5	7.9	9.4
	9.5	49.2	53.0	54.8	52.8	56.4	3.8	1.6	-1.8	3.6	5.4	-0.2	1.8	3.6	3.4	7.2
	10	51.4	52.6	53.2	58.5	55.8	1.2	0.6	5.3	-2.9	1.8	5.9	2.4	7.1	3.0	4.2
	10.5	58.0	56.3	57.8	56.0	56.5	-1.8	1.5	-1.8	0.5	-0.3	-0.3	-1.3	-2.0	0.3	-1.5
	11	51.2	50.0	55.2	55.8	55.8	-1.2	5.2	0.5	0.0	4.0	5.8	0.5	4.6	5.8	4.6
	11.5	53.3	54.7	55.3	55.7	53.7	1.3	0.7	0.3	-2.0	2.0	1.0	-1.7	2.3	-1.0	0.3
	12	53.2	54.4	56.2	58.4	56.2	1.2	1.8	2.2	-2.2	3.0	4.0	0.0	5.2	1.8	3.0
	12.5	52.6	56.8	53.6	54.4	57.8	4.2	-3.2	0.8	3.4	1.0	-2.4	4.2	1.8	1.0	5.2
	13	47.2	51.8	48.2	49.6	51.0	4.6	-3.6	1.4	1.4	1.0	-2.2	2.8	2.4	-0.8	3.8
	13.5	49.4	49.2	51.0	50.2	51.6	-0.2	1.8	-0.8	1.4	1.6	1.0	0.8	0.8	2.4	2.2
	14	45.2	47.8	47.8	52.8	54.6	2.4	0.2	5.0	1.8	2.6	5.2	6.8	7.6	7.0	9.4
	14.5	49.2	50.0	54.0	57.8	60.8	0.8	4.0	3.8	3.0	4.8	7.8	6.8	8.6	10.8	11.6
	15	51.8	57.0	59.8	63.0	71.4	5.2	2.8	3.2	8.4	8.0	6.0	11.6	11.2	14.4	19.6
	15.5	52.8	60.2	61.6	71.8	76.0	7.4	1.4	10.2	4.2	8.8	11.6	14.4	19.0	15.8	23.2
	16	51.0	53.4	58.6	56.2	81.8	2.4	5.2	-2.4	5.8	7.6	2.8	3.2	5.2	8.4	10.8
	16.5	49.8	50.5	53.5	60.5	66.8	0.8	3.0	7.0	6.3	3.8	10.0	13.3	10.8	16.3	17.0
	17	49.2	52.0	54.0	58.6	62.2	2.8	2.0	4.6	3.6	4.8	6.6	8.2	9.4	10.2	13.0
80023e	4	73.0	73.6	75.8	77.4	81.0	0.6	2.2	1.6	3.6	2.8	3.8	5.2	4.4	7.4	8.0
	4.5	69.2	72.0	74.0	75.6	77.4	2.8	2.0	1.6	1.8	4.8	3.6	3.4	6.4	5.4	8.2
	5	68.0	72.4	75.2	76.2	78.0	4.4	2.8	1.0	1.8	7.2	3.8	2.8	8.2	5.6	10.0
	5.5	62.6	65.2	68.0	69.6	71.2	2.6	2.8	1.6	1.6	5.4	4.4	3.2	7.0	6.0	8.6
	8	71.6	76.6	79.8	78.4	81.8	5.0	3.2	-1.4	3.4	8.2	1.8	2.0	6.8	5.2	10.2
	6.5	67.6	71.2	72.6	73.4	76.8	3.6	1.4	0.8	3.4	5.0	2.2	4.2	5.8	5.6	9.2
	7	69.8	75.4	76.0	76.5	80.4	5.6	0.6	0.5	3.9	6.2	1.1	4.4	6.7	5.0	10.8
	7.5	66.8	71.8	74.0	73.6	78.2	5.0	2.2	-0.4	4.6	7.2	1.8	4.2	6.8	6.4	11.4
	8	63.6	68.2	69.2	71.2	73.6	4.6	1.0	2.0	2.4	5.6	3.0	4.4	7.6	5.4	10.0
	8.5	70.8	75.6	77.4	77.4	79.4	4.8	1.8	0.0	2.0	8.6	1.8	2.0	6.6	3.8	8.6
	9	72.8	75.8	77.6	78.6	81.2	3.0	1.8	1.0	2.8	4.8	2.8	3.6	5.8	5.4	8.4
	9.5	74.0	76.8	77.6	76.8	79.0	2.8	0.8	-0.8	2.2	3.6	0.0	1.4	2.8	2.2	5.0
	10	66.6	71.4	73.6	75.0	77.6	4.8	2.2	1.4	2.6	7.0	3.6	4.0	8.4	6.2	11.0
	10.5	69.0	70.8	73.0	73.0	76.8	1.8	2.2	0.0	3.8	4.0	2.2	3.8	4.0	6.0	7.8
	11	66.2	67.8	71.4	74.6	74.2	1.8	3.6	3.2	-0.4	5.2	6.8	2.8	8.4	6.4	8.0
	11.5	57.4	61.4	82.8	65.2	69.0	4.0	1.4	2.4	3.8	5.4	3.8	6.2	7.8	7.6	11.6
	12	61.8	67.2	68.2	71.0	73.2	5.4	1.0	2.8	2.2	6.4	3.8	5.0	9.2	6.0	11.4
	12.5	61.4	67.4	68.4	89.2	73.6	6.0	1.0	0.8	4.4	7.0	1.8	5.2	7.8	6.2	12.2
	13	58.6	68.5	69.2	70.6	75.2	9.9	0.7	1.4	4.6	10.6	2.1	6.0	12.0	6.7	16.6
58034n	10	48.6	47.2	48.0		49.8	0.6	0.8			1.4		1.8		2.6	3.2
	10.5	46.0	47.2	48.6	51.8	54.6	1.2	1.4	3.2	2.8	2.6	4.6	6.0	5.8	7.4	8.6
	11	47.4	47.4	48.2	50.8	52.2	0.0	0.8	2.6	1.4	0.8	3.4	4.0	3.4	4.8	4.8
	11.5	45.4	48.8	47.2	49.8	51.8	1.4	0.4	2.4	2.0	1.8	2.8	4.4	4.2	4.8	6.2
	12	45.0	46.0	46.0	48.6	49.6	1.0	0.0	2.6	1.0	1.0	2.6	3.6	3.6	3.6	4.6

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	98	93-92	94-93	95-94	98-95	94-92	95-93	98-94	95-92	96-93	96-92
58034n	12.5	48.2	49.0	49.8	50.6	52.2	0.8	0.8	0.8	1.6	1.6	1.6	2.4	2.4	3.2	4.0
	13	53.5	53.4	55.8	57.5	59.5	-0.1	2.4	1.8	2.0	2.3	4.1	3.8	4.0	6.1	6.0
	13.5	55.4	54.8	57.0	54.8	56.3	-0.8	2.3	-2.3	1.5	1.8	0.0	-0.8	-0.6	1.5	0.9
	14	49.2	51.6	54.2	54.2	57.8	2.4	2.6	0.0	3.6	5.0	2.6	3.6	5.0	6.2	6.6
	14.5	53.4	56.2	56.2	60.6	62.4	2.8	0.0	4.4	1.6	2.8	4.4	6.2	7.2	6.2	9.0
	15	66.0	65.4	67.2	88.8	73.4	-0.8	1.8	1.6	4.6	1.2	3.4	6.2	2.8	8.0	7.4
	15.5	65.5	64.8	67.3	64.8	67.7	-0.8	2.5	-2.5	2.9	1.8	0.0	0.4	-0.8	2.9	2.2
	16	55.4	57.6	64.8	63.8	70.8	2.2	7.0	-0.8	7.0	9.2	6.2	6.2	8.4	13.2	15.4
58034s	10	43.6	45.0	46.4	N.A.	45.4	1.4	1.4	N.A.	N.A.	2.8	N.A.	-1.0	N.A.	0.4	1.8
	10.5	43.4	44.0	43.4	48.0	48.8	0.6	-0.6	4.8	0.8	0.0	4.0	5.4	4.6	4.8	5.4
	11	45.8	46.6	46.2	50.8	49.4	0.8	-0.4	4.6	-1.4	0.4	4.2	3.2	5.0	2.8	3.6
	11.5	41.4	40.2	41.2	43.4	44.2	-1.2	1.0	2.2	0.6	-0.2	3.2	3.0	2.0	4.0	2.8
	12	46.8	46.8	46.6	48.4	46.0	0.0	-0.2	1.6	-0.4	-0.2	1.6	1.4	1.6	1.2	1.2
	12.5	44.6	44.6	44.2	48.0	47.4	0.0	-0.4	1.8	1.4	-0.4	1.4	3.2	1.4	2.8	2.8
	13	50.0	50.5	50.5	52.3	51.5	0.5	0.0	1.8	-0.8	0.5	1.8	1.0	2.3	1.0	1.5
	13.5	46.8	46.2	46.2	44.3	44.0	-0.6	0.0	-2.0	-0.3	-0.8	-2.0	-2.2	-2.6	-2.2	-2.8
	14	42.0	42.4	42.2	45.4	45.4	0.4	-0.2	3.2	0.0	0.2	3.0	3.2	3.4	3.0	3.4
	14.5	41.6	44.2	43.6	46.6	45.2	2.6	-0.8	3.0	-1.4	2.0	2.4	1.6	5.0	1.0	3.6
	15	46.0	46.6	48.4	48.4	48.6	0.6	1.8	0.0	0.2	2.4	1.8	0.2	2.4	2.0	2.6
	15.5	53.8	54.3	55.0	49.3	49.7	0.5	0.8	-5.7	0.3	1.3	-4.9	-5.3	-4.4	-4.6	-4.1
	16	47.8	49.0	49.2	50.8	50.8	1.2	0.2	1.6	0.0	1.4	1.8	1.6	3.0	1.8	3.0
77024e	0	52.0	54.6	55.8	65.0	66.6	2.6	1.2	9.2	1.6	3.8	10.4	10.8	13.0	12.0	14.6
	0.5	44.6	47.0	51.4	56.8	58.2	2.4	4.4	5.4	1.4	8.8	9.8	6.8	12.2	11.2	13.6
	1	43.8	45.6	50.0	54.8	55.8	1.8	4.4	4.8	1.0	6.2	9.2	5.8	11.0	10.2	12.0
	1.5	50.8	52.2	59.2	62.6	66.2	1.4	7.0	3.4	3.6	8.4	10.4	7.0	11.8	14.0	15.4
	2	41.8	42.8	46.0	50.2	51.0	1.0	3.2	4.2	0.8	4.2	7.4	5.0	8.4	8.2	9.2
	2.5	40.4	40.6	42.6	48.4	47.8	0.2	2.0	5.8	-0.6	2.2	7.8	5.2	8.0	7.2	7.4
	3	41.2	42.0	43.2	49.8	50.8	0.8	1.2	6.4	1.2	2.0	7.6	7.6	8.4	8.8	9.6
	3.5	47.6	52.6	55.4	60.2	63.8	5.0	2.8	4.8	3.6	7.8	7.6	8.4	12.6	11.2	16.2
	4	49.8	54.2	56.4	61.6	65.4	4.4	2.2	5.2	3.6	6.6	7.4	9.0	11.8	11.2	15.6
	4.5	47.0	55.8	56.4	63.2	72.0	8.8	0.6	6.8	6.6	9.4	7.4	15.8	16.2	18.2	25.0
	5	53.0	61.8	65.8	69.6	72.8	8.8	3.8	4.0	3.2	12.6	7.8	7.2	16.6	11.0	19.8
	5.5	45.3	47.3	49.0	52.5	51.5	2.0	1.8	3.5	-1.0	3.8	5.3	2.5	7.3	4.3	6.3
	6	49.0	50.8	50.6	53.8	52.6	1.8	-0.2	3.2	-1.2	1.6	3.0	2.0	4.8	1.8	3.6
	6.5	55.0	56.6	59.2	59.2	57.6	1.6	2.6	0.0	-1.6	4.2	2.6	-1.6	4.2	1.0	2.6
	7	49.6	51.0	52.0	54.8	52.0	1.4	1.0	2.8	-2.8	2.4	3.8	0.0	5.2	1.0	2.4
	7.5	51.2	51.6	52.6	54.0	53.8	0.4	1.0	1.4	-0.2	1.4	2.4	1.2	2.8	2.2	2.6
	8	50.8	51.0	51.6	53.6	52.8	0.2	0.6	2.0	-0.8	0.8	2.6	1.2	2.8	1.8	2.0
	8.5	51.0	56.2	51.8	56.6	55.2	5.2	-4.6	5.0	-1.4	0.6	0.4	3.8	5.6	-1.0	4.2
	9	47.6	48.2	49.0	54.0	50.6	0.6	0.8	5.0	-3.4	1.4	5.8	1.6	6.4	2.4	3.0
	9.5	51.2	52.6	52.8	58.0	55.0	1.4	0.2	5.2	-3.0	1.6	5.4	2.2	6.6	2.4	3.8
	10	52.0	54.6	54.2	58.2	56.0	2.6	-0.4	4.0	-2.2	2.2	3.6	1.8	6.2	1.4	4.0
	10.5	49.2	50.6	50.8	58.2	54.0	1.4	0.2	7.4	-4.2	1.6	7.6	3.2	9.0	3.4	4.8
	11	51.4	52.8	52.8	56.0	53.8	1.4	0.0	3.2	-2.4	1.4	3.2	0.6	4.6	0.8	2.2

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
77024w	0	49.4	52.6	58.0	61.4	67.6	3.2	5.4	3.4	6.4	8.6	8.8	9.8	12.0	15.2	18.4
	0.5	50.2	51.4	53.4	59.4	60.2	1.2	2.0	8.0	0.8	3.2	8.0	6.8	9.2	8.8	10.0
	1	40.0	43.2	48.0	51.8	52.2	3.2	4.8	3.8	0.4	8.0	8.6	4.2	11.8	9.0	12.2
	1.5	42.8	43.6	45.0	50.2	48.2	1.0	1.4	5.2	-2.0	2.4	6.6	3.2	7.6	4.8	5.6
	2	41.8	45.0	44.4	51.2	51.2	3.2	-0.6	6.8	0.0	2.6	6.2	6.8	9.4	6.2	9.4
	2.5	44.2	46.8	48.8	55.4	54.4	2.6	2.0	6.6	-1.0	4.8	8.6	5.8	11.2	7.8	10.2
	3	47.6	54.0	55.8	63.8	69.2	6.4	1.8	8.0	5.4	8.2	9.8	13.4	16.2	15.2	21.6
	3.5	43.6	44.6	46.2	52.2	51.6	1.0	1.6	6.0	-0.6	2.6	7.6	5.4	8.6	7.0	8.0
	4	45.6	51.0	50.2	57.6	57.2	5.4	-0.8	7.4	-0.4	4.6	6.8	7.0	12.0	6.2	11.6
	4.5	41.8	45.4	43.4	49.8	50.6	3.8	-2.0	6.4	0.8	1.8	4.4	7.2	8.0	5.2	8.8
	5	44.8	44.2	47.2	52.2	52.8	-0.6	3.0	5.0	0.6	2.4	8.0	5.8	7.4	8.6	8.0
	5.5	43.3	43.5	46.3	51.7	50.3	0.3	2.8	5.4	-1.4	3.0	8.2	4.0	8.4	6.8	7.0
	6	46.6	45.6	47.4	49.2	49.6	-1.0	1.8	1.8	0.4	0.8	3.6	2.2	2.6	4.0	3.0
	6.5	47.8	48.6	48.4	52.6	51.4	0.8	-0.2	4.4	-1.4	0.8	4.2	3.0	5.0	2.8	3.6
	7	51.6	51.0	51.8	55.0	53.8	-0.6	0.8	3.2	-1.2	0.2	4.0	2.0	3.4	2.8	2.2
	7.5	47.8	48.4	49.2	51.8	50.8	0.8	0.8	2.6	-1.0	1.6	3.4	1.6	4.2	2.4	3.2
	8	46.0	48.4	48.2	49.8	49.6	2.4	-0.2	1.6	-0.2	2.2	1.4	1.4	3.8	1.2	3.6
	8.5	49.8	53.2	52.2	54.6	52.2	3.4	-1.0	2.4	-2.4	2.4	1.4	0.0	4.8	-1.0	2.4
	9	47.0	50.0	51.2	53.2	50.8	3.0	1.2	2.0	-2.4	4.2	3.2	-0.4	6.2	0.6	3.8
	9.5	49.2	53.2	54.4	53.2	53.2	4.0	1.2	-1.2	0.0	5.2	0.0	-1.2	4.0	0.0	4.0
	10	47.0	50.0	50.6	51.6	49.6	3.0	0.8	1.0	-2.2	3.6	1.6	-1.2	4.8	-0.4	2.6
	10.5	48.0	47.6	49.2	51.0	49.4	-0.4	1.6	1.8	-1.6	1.2	3.4	0.2	3.0	1.8	1.4
	11	51.4	55.0	57.6	56.2	53.6	3.6	2.6	0.8	-4.6	6.2	3.2	-4.0	6.8	-1.4	2.2
82191n1	0	76.0	78.3	88.2	82.4	89.6	2.3	9.9	-5.8	7.2	12.2	4.1	1.4	6.4	11.3	13.6
	0.5	63.6	64.8	69.8	71.2	75.4	1.2	4.8	1.6	4.2	6.0	6.4	5.8	7.6	10.6	11.8
	1	54.0	55.6	61.4	62.0	63.4	1.6	5.8	0.6	1.4	7.4	6.4	2.0	8.0	7.8	9.4
	1.5	58.8	63.0	65.8	67.0	70.6	4.2	2.8	1.2	3.6	7.0	4.0	4.6	8.2	7.6	11.8
	2	55.2	59.8	61.8	64.6	70.6	4.6	2.0	3.0	5.8	6.6	5.0	8.8	9.6	10.8	15.4
	2.5	48.0	48.4	55.6	57.2	61.6	0.4	7.2	1.6	4.4	7.6	8.8	8.0	9.2	13.2	13.6
	3	55.6	60.0	66.0	69.8	74.6	4.4	6.0	3.8	4.8	10.4	9.8	8.6	14.2	14.6	19.0
	3.5	59.0	61.0	68.5	70.0	74.3	2.0	7.5	1.5	4.3	9.5	9.0	5.8	11.0	13.3	15.3
	4	60.3	71.0	76.4	74.3	81.3	10.8	5.4	-2.2	7.0	16.2	3.3	4.8	14.0	10.3	21.0
	4.5	63.8	61.2	68.4	72.2	77.8	-2.6	7.2	3.8	5.6	4.6	11.0	9.4	8.4	16.6	14.0
	5	56.6	62.2	64.2	68.6	70.0	5.6	2.0	4.4	1.4	7.6	6.4	5.8	12.0	7.8	13.4
	5.5	46.0	48.4	48.4	51.0	54.0	0.4	2.0	2.6	3.0	2.4	4.6	5.6	5.0	7.6	8.0
	6	48.4	47.4	55.4	59.4	60.8	-1.0	8.0	4.0	1.4	7.0	12.0	5.4	11.0	13.4	12.4
50061e	0	60.8	43.8	61.6	83.6	63.6	-17.0	18.0	1.8	0.0	1.0	19.8	1.8	2.8	19.8	2.8
	0.5	58.8	47.0	67.0	62.8	62.8	-11.8	20.0	-4.2	0.0	8.2	15.8	-4.2	4.0	15.8	4.0
	1	55.0	48.6	54.8	56.4	56.4	-6.4	6.2	1.6	0.0	-0.2	7.8	1.6	1.4	7.8	1.4
	1.5	60.4	56.4	58.4	57.6	57.8	-4.0	2.0	-0.8	0.0	-2.0	1.2	-0.8	-2.8	1.2	-2.8
	2	61.2	62.4	61.8	61.6	61.6	1.2	-0.6	-0.2	0.0	0.6	-0.8	-0.2	0.4	-0.8	0.4
	2.5	68.8	66.0	65.0	61.6	61.6	-2.8	-1.0	-3.4	0.0	-3.8	-4.4	-3.4	-7.2	-4.4	-7.2
	3	52.0	51.2	62.0	52.6	52.6	-0.8	10.8	-9.2	0.0	10.0	1.6	-9.2	0.8	1.6	0.8
	3.5	53.2	51.8	55.0	58.2	58.2	-1.4	3.2	3.2	0.0	1.8	6.4	3.2	5.0	6.4	5.0
	4	52.2	51.0	52.6	54.4	54.4	-1.2	1.6	1.6	0.0	0.6	3.4	1.6	2.2	3.4	2.2
	4.5	54.8	54.6	54.0	54.2	54.2	-0.2	-0.6	0.2	0.0	-0.8	-0.4	0.2	-0.6	-0.4	-0.6

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
50061e	5	53.2	54.0	54.2	53.4	53.4	0.8	0.2	-0.8	0.0	1.0	-0.6	-0.8	0.2	-0.6	0.2
	5.5	55.8	54.8	55.4	54.2	54.2	-1.0	0.6	-1.2	0.0	-0.4	-0.6	-1.2	-1.6	-0.6	-1.8
82122e	2.5	55.8	48.4	78.6	51.0	64.8	-7.4	30.2	-27.8	13.8	22.8	2.6	-13.6	-4.8	16.4	9.0
	3	53.2	44.6	64.4	47.2	57.6	-8.6	19.8	-17.2	10.4	11.2	2.6	-6.6	-6.0	13.0	4.4
	3.5	51.8	62.8	62.2	55.2	59.8	11.0	-0.8	-7.0	4.6	10.4	-7.6	-2.4	3.4	-3.0	8.0
	4	48.0	46.2	55.6	50.0	50.0	-1.8	9.4	-5.8	0.0	7.8	3.8	-5.6	2.0	3.8	2.0
	4.5	51.8	55.0	59.2	54.0	56.4	3.2	4.2	-5.2	2.4	7.4	-1.0	-2.8	2.2	1.4	4.6
	5	54.2	55.2	65.0	57.8	63.0	1.0	9.8	-7.4	5.4	10.8	2.4	-2.0	3.4	7.8	8.8
	5.5	50.8	52.8	80.2	52.8	50.0	2.0	7.4	-7.6	-2.6	9.4	-0.2	-10.2	1.8	-2.8	-0.6
	6	48.2	49.8	51.4	50.8	50.4	1.8	1.8	-0.8	-0.2	3.2	0.8	-1.0	2.4	0.6	2.2
	6.5	52.0	58.2	55.8	80.4	51.8	6.2	-2.6	4.8	-8.8	3.6	2.2	-4.0	8.4	-6.6	-0.4
	7	53.2	52.0	56.8	59.8	54.0	-1.2	4.8	3.0	-5.8	3.6	7.8	-2.8	8.8	2.0	0.8
	7.5	52.8	52.2	55.4	54.8	55.6	-0.6	3.2	-0.8	1.0	2.6	2.4	0.2	1.8	3.4	2.8
	8	47.2	38.6	50.2	48.4	47.2	-8.6	11.8	-1.8	-1.2	3.0	9.8	-3.0	1.2	8.6	0.0
	8.5	66.4	60.2	75.8	65.8	67.6	-6.2	15.8	-10.0	1.8	9.4	5.6	-8.2	-0.6	7.4	1.2
	9	64.5	54.3	63.8	64.0	67.3	-10.3	9.5	0.3	3.3	-0.8	9.8	3.6	-0.5	13.1	2.8
	9.5	57.6	55.2	58.0	60.4	57.8	-2.4	2.8	2.4	-2.8	0.4	5.2	-0.2	2.8	2.6	0.2
	10	51.8	55.8	61.2	58.4	55.6	4.0	5.4	-2.8	-2.8	9.4	2.6	-5.6	6.6	-0.2	3.8
	10.5	59.0	58.4	69.4	59.0	61.8	-0.6	11.0	-10.4	2.8	10.4	0.6	-7.6	0.0	3.4	2.8
	11	56.0	58.2	64.8	57.8	58.2	2.2	6.4	-6.8	0.4	8.8	-0.4	-6.4	1.8	0.0	2.2
	11.5	58.0	62.2	66.4	60.2	62.0	4.2	4.2	-6.2	1.8	8.4	-2.0	-4.4	2.2	-0.2	4.0
82122w	2.5	47.6	57.2	53.6	57.2	59.0	9.6	-3.6	3.6	1.8	6.0	0.0	5.4	9.6	1.8	11.4
	3	51.8	65.8	58.4	65.8	66.0	14.2	-7.4	7.4	0.2	6.8	0.0	7.6	14.2	0.2	14.4
	3.5	68.4	75.8	60.2	75.8	77.6	7.4	-15.6	15.6	1.8	-8.2	0.0	17.4	7.4	1.8	9.2
	4	58.8	60.0	64.2	60.0	68.2	1.2	4.2	-4.2	8.2	5.4	0.0	4.0	1.2	8.2	9.4
	4.5	56.2	63.0	65.0	83.0	64.2	6.8	2.0	-2.0	1.2	8.8	0.0	-0.8	6.8	1.2	8.0
	5	55.4	52.0	62.4	52.0	52.4	-3.4	10.4	-10.4	0.4	7.0	0.0	-10.0	-3.4	0.4	-3.0
	5.5	49.0	49.2	49.6	49.2	47.2	0.2	0.4	-0.4	-2.0	0.6	0.0	-2.4	0.2	-2.0	-1.8
	6	43.6	45.6	44.4	45.8	49.4	2.0	-1.2	1.2	3.8	0.8	0.0	5.0	2.0	3.8	5.8
	6.5	54.2	53.0	52.8	53.0	57.2	-1.2	-0.2	0.2	4.2	-1.4	0.0	4.4	-1.2	4.2	3.0
	7	55.4	57.4	52.8	57.4	57.6	2.0	-4.6	4.6	0.2	-2.6	0.0	4.8	2.0	0.2	2.2
	7.5	57.4	55.0	58.2	55.0	54.4	-2.4	3.2	-3.2	-0.6	0.8	0.0	-3.8	-2.4	-0.6	-3.0
	8	52.6	53.8	42.4	53.8	50.2	1.2	-11.4	11.4	-3.6	-10.2	0.0	7.8	1.2	-3.6	-2.4
	8.5	63.6	71.2	58.6	71.2	62.6	7.8	-12.6	12.6	-8.6	-5.0	0.0	4.0	7.6	-8.6	-1.0
	9	78.0	72.3	63.7	72.3	72.3	-5.8	-8.6	8.6	0.0	-14.3	0.0	8.6	-5.8	0.0	-5.8
	9.5	59.6	69.6	62.6	69.6	70.2	10.0	-7.0	7.0	0.6	3.0	0.0	7.6	10.0	0.6	10.6
	10	63.0	58.2	60.4	58.2	70.8	-4.8	2.2	-2.2	12.6	-2.6	0.0	10.4	-4.8	12.8	7.8
	10.5	58.2	60.0	63.0	60.0	65.8	1.8	3.0	-3.0	5.8	4.6	0.0	2.8	1.8	5.8	7.6
	11	62.2	62.8	63.2	62.8	70.8	0.6	0.4	-0.4	7.8	1.0	0.0	7.4	0.6	7.8	8.4
	11.5	54.5	52.5	58.5	52.5	53.0	-2.0	6.0	-6.0	0.5	4.0	0.0	-5.5	-2.0	0.5	-1.5
18024e	1.5	52.1	48.2	46.6	56.5	N.A.	-3.9	-1.6	9.9	N.A.	-5.5	8.3	N.A.	4.4	N.A.	N.A.
	2.5	52.5	56.6	56.4	53.8	N.A.	4.1	-0.2	-2.6	N.A.	3.9	-2.8	N.A.	1.3	N.A.	N.A.
	3.5	50.7	53.0	52.2	53.0	N.A.	2.3	-0.8	0.8	N.A.	1.5	0.0	N.A.	2.3	N.A.	N.A.
	4.5	52.8	53.0	53.6	56.5	N.A.	0.4	0.8	2.7	N.A.	1.2	3.5	N.A.	3.9	N.A.	N.A.
	5.5	53.3	54.0	55.8	57.9	N.A.	0.7	1.8	2.1	N.A.	2.5	3.9	N.A.	4.6	N.A.	N.A.

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
	6.5	55.2	58.0	63.8	66.6	N.A.	2.8	5.8	2.8	N.A.	8.6	8.6	N.A.	11.4	N.A.	N.A.
18024w	0	45.8	50.2	53.4	50.5	N.A.	4.5	3.2	-2.9	N.A.	7.7	0.3	N.A.	4.8	N.A.	N.A.
	0.5	55.8	50.8	56.4	59.0	N.A.	-5.0	5.6	2.6	N.A.	0.6	8.2	N.A.	3.2	N.A.	N.A.
	1	43.8	42.4	46.8	51.5	N.A.	-1.4	4.4	4.7	N.A.	3.1	9.1	N.A.	7.8	N.A.	N.A.
	1.5	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	2	59.8	58.8	59.2	65.8	N.A.	-1.0	0.4	8.4	N.A.	-0.6	6.8	N.A.	5.6	N.A.	N.A.
	2.5	48.2	46.6	53.4	54.6	N.A.	-1.6	6.8	1.4	N.A.	5.2	8.2	N.A.	6.8	N.A.	N.A.
	3	51.6	52.8	53.8	55.2	N.A.	1.2	1.0	1.4	N.A.	2.2	2.4	N.A.	3.6	N.A.	N.A.
	3.5	51.4	52.2	51.8	55.8	N.A.	0.8	-0.4	4.0	N.A.	0.4	3.6	N.A.	4.4	N.A.	N.A.
	4	47.0	48.4	50.4	56.6	N.A.	1.4	2.0	6.2	N.A.	3.4	8.2	N.A.	9.6	N.A.	N.A.
	4.5	48.2	49.4	49.0	51.2	N.A.	1.2	-0.4	2.2	N.A.	0.8	1.8	N.A.	3.0	N.A.	N.A.
	5	50.8	55.0	54.4	58.2	N.A.	4.2	-0.8	1.8	N.A.	3.6	1.2	N.A.	5.4	N.A.	N.A.
	5.5	52.6	55.0	54.8	59.2	N.A.	2.4	-0.2	4.4	N.A.	2.2	4.2	N.A.	6.6	N.A.	N.A.
	8	52.2	52.4	52.8	57.4	N.A.	0.2	0.4	4.6	N.A.	0.6	5.0	N.A.	5.2	N.A.	N.A.
	6.5	48.8	55.4	56.2	53.8	N.A.	8.7	0.8	-2.5	N.A.	7.5	-1.7	N.A.	5.0	N.A.	N.A.
	7	54.2	55.0	54.6	58.0	N.A.	0.8	-0.4	3.4	N.A.	0.4	3.0	N.A.	3.8	N.A.	N.A.
65041n	10.5	64.0	63.8	65.0	66.8	70.4	-0.2	1.2	1.8	3.6	1.0	3.0	5.4	2.8	6.6	6.4
	11	53.8	53.3	55.0	56.8	60.5	-0.5	1.8	1.8	3.8	1.3	3.5	5.5	3.0	7.3	6.8
	11.5	58.2	58.2	58.2	60.0	63.8	0.0	0.0	1.8	3.8	0.0	1.8	5.6	1.8	5.6	5.6
	12	56.8	56.0	56.6	58.4	61.6	-0.8	0.6	1.8	3.2	-0.2	2.4	5.0	1.8	5.6	4.8
	12.5	54.0	53.2	53.2	54.0	59.2	-0.8	0.0	0.8	5.2	-0.8	0.8	6.0	0.0	6.0	5.2
	13	47.2	47.4	46.0	48.6	50.0	0.2	-1.4	2.6	1.4	-1.2	1.2	4.0	1.4	2.6	2.8
	13.5	53.0	52.0	52.2	55.6	55.4	-1.0	0.2	3.4	-0.2	-0.8	3.6	3.2	2.6	3.4	2.4
	14	52.4	51.2	51.0	53.8	54.6	-1.2	-0.2	2.8	0.8	-1.4	2.6	3.6	1.4	3.4	2.2
	14.5	52.0	51.2	51.2	53.2	54.6	-0.8	0.0	2.0	1.4	-0.6	2.0	3.4	1.2	3.4	2.6
	15	57.8	52.7	58.8	59.3	62.3	-5.0	6.0	0.5	3.0	1.0	6.5	3.5	1.5	9.5	4.5
65041s	10.5	61.4	65.0	63.4	63.0	67.6	3.6	-1.6	-0.4	4.6	2.0	-2.0	4.2	1.6	2.6	6.2
	11	60.3	62.5	56.5	60.5	63.0	2.3	-6.0	4.0	2.5	-3.8	-2.0	6.5	0.3	0.5	2.8
	11.5	82.2	60.4	59.6	61.0	64.0	-1.8	-0.8	1.4	3.0	-2.8	0.6	4.4	-1.2	3.6	1.8
	12	52.6	53.4	55.0	53.4	54.4	0.8	1.6	-1.6	1.0	2.4	0.0	-0.6	0.8	1.0	1.8
	12.5	50.4	52.8	50.2	51.8	53.0	2.4	-2.6	1.8	1.2	-0.2	-1.0	2.8	1.4	0.2	2.6
	13	52.4	52.6	51.2	51.6	55.2	0.2	-1.4	0.4	3.8	-1.2	-1.0	4.0	-0.8	2.6	2.8
	13.5	53.0	53.4	53.8	56.2	58.4	0.4	0.4	2.4	2.2	0.8	2.8	4.6	3.2	5.0	5.4
	14	49.2	50.2	49.2	50.2	52.8	1.0	-1.0	1.0	2.6	0.0	0.0	3.6	1.0	2.6	3.6
	14.5	48.8	50.2	49.6	51.2	53.0	1.5	-0.8	1.6	1.6	0.9	1.0	3.4	2.5	2.8	4.3
	15	53.7	51.3	52.7	53.0	59.0	-2.3	1.3	0.3	6.0	-1.0	1.7	6.3	-0.7	7.7	5.3
41133n	0	N.A.	51.0	48.2	50.6	54.0	N.A.	-2.8	2.4	3.4	N.A.	-0.4	5.8	N.A.	3.0	N.A.
	0.5	N.A.	48.4	50.0	55.6	57.4	N.A.	1.6	5.6	1.8	N.A.	7.2	7.4	N.A.	9.0	N.A.
	1	N.A.	49.6	49.2	52.2	55.8	N.A.	-0.4	3.0	3.6	N.A.	2.6	6.6	N.A.	6.2	N.A.
	1.5	N.A.	46.4	53.0	53.2	59.8	N.A.	4.6	0.2	6.6	N.A.	4.8	6.8	N.A.	11.4	N.A.
	2	N.A.	46.0	51.2	49.0	53.8	N.A.	5.2	-2.2	4.8	N.A.	3.0	2.6	N.A.	7.8	N.A.
	2.5	N.A.	44.8	44.8	44.4	49.8	N.A.	0.0	-0.4	5.4	N.A.	-0.4	5.0	N.A.	5.0	N.A.
	3	N.A.	59.6	62.2	61.4	63.4	N.A.	2.6	-0.8	2.0	N.A.	1.8	1.2	N.A.	3.8	N.A.
	3.5	N.A.	62.3	65.8	66.6	69.7	N.A.	3.6	0.8	3.1	N.A.	4.3	3.9	N.A.	7.4	N.A.
	4	N.A.	46.8	51.2	51.4	56.2	N.A.	4.4	0.2	4.8	N.A.	4.6	5.0	N.A.	9.4	N.A.

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
	4.5	N.A.	44.2	42.2	44.2	47.4	N.A.	-2.0	2.0	3.2	N.A.	0.0	5.2	N.A.	3.2	N.A.
	5	N.A.	40.2	40.2	45.4	48.4	N.A.	0.0	5.2	1.0	N.A.	5.2	6.2	N.A.	6.2	N.A.
	5.5	N.A.	40.0	45.6	47.6	47.5	N.A.	5.6	2.0	-0.1	N.A.	7.6	1.9	N.A.	7.5	N.A.
	6	N.A.	51.8	48.2	48.2	53.3	N.A.	-3.6	0.0	5.1	N.A.	-3.6	5.1	N.A.	1.5	N.A.
	6.5	N.A.	46.0	44.0	45.6	48.8	N.A.	-2.0	1.6	3.2	N.A.	-0.4	4.6	N.A.	2.8	N.A.
	7	N.A.	46.4	44.0	46.4	51.0	N.A.	-2.4	2.4	4.6	N.A.	0.0	7.0	N.A.	4.6	N.A.
	7.5	N.A.	39.6	40.0	47.0	52.0	N.A.	0.4	7.0	5.0	N.A.	7.4	12.0	N.A.	12.4	N.A.
	8	N.A.	46.2	46.0	47.6	52.0	N.A.	-0.2	1.6	4.4	N.A.	1.4	6.0	N.A.	5.8	N.A.
41133s	0	N.A.	47.2	47.8	46.0	56.2	N.A.	0.6	-1.8	10.2	N.A.	-1.2	8.4	N.A.	9.0	N.A.
	0.5	N.A.	47.2	47.6	49.6	53.6	N.A.	0.4	2.0	4.0	N.A.	2.4	6.0	N.A.	6.4	N.A.
	1	N.A.	52.6	50.8	51.8	56.0	N.A.	-1.8	1.0	4.2	N.A.	-0.8	5.2	N.A.	3.4	N.A.
	1.5	N.A.	51.0	48.0	49.6	52.2	N.A.	-3.0	1.6	2.6	N.A.	-1.4	4.2	N.A.	1.2	N.A.
	2	N.A.	42.8	41.6	45.4	52.4	N.A.	-1.2	3.8	7.0	N.A.	2.6	10.8	N.A.	9.6	N.A.
	2.5	N.A.	51.4	50.0	53.4	50.6	N.A.	-1.4	3.4	-2.8	N.A.	2.0	0.6	N.A.	-0.8	N.A.
	3	N.A.	57.6	58.2	58.4	60.4	N.A.	0.6	0.2	2.0	N.A.	0.8	2.2	N.A.	2.8	N.A.
	3.5	N.A.	60.5	68.0	65.8	67.0	N.A.	7.5	-2.2	1.2	N.A.	5.3	-1.0	N.A.	6.5	N.A.
	4	N.A.	55.2	57.2	57.2	62.8	N.A.	2.0	0.0	5.6	N.A.	2.0	5.6	N.A.	7.6	N.A.
	4.5	N.A.	42.4	42.8	43.6	48.6	N.A.	0.4	0.8	5.0	N.A.	1.2	5.8	N.A.	6.2	N.A.
	5	N.A.	41.0	41.8	44.0	49.0	N.A.	0.8	2.2	5.0	N.A.	3.0	7.2	N.A.	8.0	N.A.
	5.5	N.A.	47.8	46.6	47.4	53.4	N.A.	-1.2	0.8	6.0	N.A.	-0.4	6.8	N.A.	5.6	N.A.
	6	N.A.	41.3	49.4	48.4	52.5	N.A.	8.2	-1.0	4.1	N.A.	7.2	3.1	N.A.	11.3	N.A.
	6.5	N.A.	33.8	32.2	34.0	38.0	N.A.	-1.6	1.8	4.0	N.A.	0.2	5.8	N.A.	4.2	N.A.
	7	N.A.	48.2	44.6	44.2	47.0	N.A.	-3.6	-0.4	2.8	N.A.	-4.0	2.4	N.A.	-1.2	N.A.
	7.5	N.A.	43.2	42.4	49.0	50.0	N.A.	-0.8	6.6	1.0	N.A.	5.8	7.6	N.A.	6.8	N.A.
	8	N.A.	49.6	49.4	59.2	62.0	N.A.	-0.2	9.8	2.8	N.A.	9.6	12.6	N.A.	12.4	N.A.
59012n	0	N.A.	48.8	50.8	51.4	54.2	N.A.	2.0	0.6	2.8	N.A.	2.6	3.4	N.A.	5.4	N.A.
	0.5	N.A.	41.0	43.2	43.4	46.8	N.A.	2.2	0.2	3.4	N.A.	2.4	3.6	N.A.	5.8	N.A.
	1	N.A.	48.0	50.0	51.0	53.2	N.A.	2.0	1.0	2.2	N.A.	3.0	3.2	N.A.	5.2	N.A.
	1.5	N.A.	49.0	55.2	56.0	56.0	N.A.	6.2	0.8	0.0	N.A.	7.0	0.8	N.A.	7.0	N.A.
	2	N.A.	53.4	58.2	58.0	60.6	N.A.	4.8	-0.2	2.6	N.A.	4.6	2.4	N.A.	7.2	N.A.
	2.5	N.A.	60.4	64.8	64.2	70.2	N.A.	4.4	-0.6	6.0	N.A.	3.8	5.4	N.A.	9.8	N.A.
	3	N.A.	53.6	51.2	53.0	57.2	N.A.	-2.4	1.8	4.2	N.A.	-0.6	6.0	N.A.	3.6	N.A.
	3.5	N.A.	56.0	56.6	59.2	62.4	N.A.	0.6	2.6	3.2	N.A.	3.2	5.8	N.A.	6.4	N.A.
	4	N.A.	53.4	54.2	55.4	59.4	N.A.	0.8	1.2	4.0	N.A.	2.0	5.2	N.A.	6.0	N.A.
	4.5	N.A.	40.6	42.0	42.0	47.0	N.A.	1.4	0.0	5.0	N.A.	1.4	5.0	N.A.	8.4	N.A.
	5	N.A.	39.8	40.2	43.4	45.6	N.A.	0.4	3.2	2.2	N.A.	3.6	5.4	N.A.	5.8	N.A.
	5.5	N.A.	43.8	45.2	46.6	43.0	N.A.	1.5	1.4	-3.6	N.A.	2.9	-2.2	N.A.	-0.8	N.A.
	6	N.A.	39.8	39.4	40.4	44.8	N.A.	-0.4	1.0	4.4	N.A.	0.6	5.4	N.A.	5.0	N.A.
	6.5	N.A.	40.0	41.2	42.6	45.8	N.A.	1.2	1.4	3.2	N.A.	2.6	4.6	N.A.	5.8	N.A.
	7	N.A.	40.0	49.6	49.0	43.5	N.A.	9.6	-0.6	-5.5	N.A.	9.0	-8.1	N.A.	3.5	N.A.
	7.5	N.A.	44.6	44.2	45.6	48.4	N.A.	-0.4	1.4	2.8	N.A.	1.0	4.2	N.A.	3.8	N.A.
	8	N.A.	40.2	39.8	40.8	40.5	N.A.	-0.4	1.0	-0.3	N.A.	0.6	0.7	N.A.	0.3	N.A.
	8.5	N.A.	34.8	35.4	38.6	39.6	N.A.	0.6	3.2	1.0	N.A.	3.8	4.2	N.A.	4.8	N.A.
	9	N.A.	41.8	41.8	42.6	45.8	N.A.	0.0	0.8	3.2	N.A.	0.8	4.0	N.A.	4.0	N.A.

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	98	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
59012s	0	N.A.	51.2	50.8	52.4	54.2	N.A.	-0.4	1.6	1.6	N.A.	1.2	3.4	N.A.	3.0	N.A.
	0.5	N.A.	49.8	50.4	50.6	53.6	N.A.	0.6	0.2	3.0	N.A.	0.8	3.2	N.A.	3.8	N.A.
	1	N.A.	43.2	44.8	44.2	47.8	N.A.	1.6	-0.8	3.8	N.A.	1.0	3.0	N.A.	4.6	N.A.
	1.5	N.A.	46.2	45.6	47.6	50.2	N.A.	-0.6	2.0	2.8	N.A.	1.4	4.6	N.A.	4.0	N.A.
	2	N.A.	49.4	48.0	49.8	50.6	N.A.	-1.4	1.6	1.0	N.A.	0.2	2.6	N.A.	1.2	N.A.
	2.5	N.A.	51.0	53.2	52.6	53.6	N.A.	2.2	-0.6	1.0	N.A.	1.6	0.4	N.A.	2.6	N.A.
	3	N.A.	57.6	59.6	58.4	60.2	N.A.	2.0	-1.2	1.8	N.A.	0.8	0.6	N.A.	2.8	N.A.
	3.5	N.A.	54.4	56.6	56.2	60.8	N.A.	2.2	-0.4	4.6	N.A.	1.8	4.2	N.A.	6.4	N.A.
	4	N.A.	47.8	47.6	48.8	52.6	N.A.	-0.2	1.0	4.0	N.A.	0.8	5.0	N.A.	4.8	N.A.
	4.5	N.A.	42.8	42.4	44.0	47.8	N.A.	-0.4	1.8	3.8	N.A.	1.2	5.4	N.A.	5.0	N.A.
	5	N.A.	43.2	43.0	50.0	48.0	N.A.	-0.2	7.0	-2.0	N.A.	6.8	5.0	N.A.	4.8	N.A.
	5.5	N.A.	50.3	51.8	50.8	53.7	N.A.	1.8	-1.0	2.9	N.A.	0.5	1.9	N.A.	3.4	N.A.
	6	N.A.	39.6	39.6	41.2	45.0	N.A.	0.0	1.6	3.8	N.A.	1.8	5.4	N.A.	5.4	N.A.
	6.5	N.A.	45.4	45.0	47.0	48.6	N.A.	-0.4	2.0	1.8	N.A.	1.6	3.6	N.A.	3.2	N.A.
	7	N.A.	47.5	50.0	50.8	52.0	N.A.	2.5	0.8	1.2	N.A.	3.3	2.0	N.A.	4.5	N.A.
	7.5	N.A.	44.6	43.8	48.0	48.0	N.A.	-0.8	4.2	0.0	N.A.	3.4	4.2	N.A.	3.4	N.A.
	8	N.A.	42.6	40.4	41.8	45.8	N.A.	-2.2	1.4	4.0	N.A.	-0.8	5.4	N.A.	3.2	N.A.
	8.5	N.A.	40.6	38.4	40.2	45.8	N.A.	-2.2	1.8	5.6	N.A.	-0.4	7.4	N.A.	5.2	N.A.
	9	N.A.	39.6	37.8	40.0	43.8	N.A.	-1.8	2.2	3.8	N.A.	0.4	6.0	N.A.	4.2	N.A.
25132n	0	48.8	52.4	55.4	53.0	61.4	3.8	3.0	-2.4	8.4	6.6	0.6	6.0	4.2	9.0	12.6
	0.5	55.0	52.2	54.6	53.0	59.2	-2.8	2.4	-1.6	6.2	-0.4	0.8	4.6	-2.0	7.0	4.2
	1	54.6	55.4	60.2	52.4	58.6	0.8	4.8	-7.8	6.2	5.6	-3.0	-1.6	-2.2	3.2	4.0
	1.5	57.4	56.8	57.4	56.6	62.4	-0.6	0.8	-0.8	5.8	0.0	-0.2	5.0	-0.8	5.6	5.0
	2	58.2	55.4	58.2	57.8	63.2	-2.8	2.8	-0.4	5.4	0.0	2.4	5.0	-0.4	7.8	5.0
	2.5	65.0	66.4	65.6	65.0	69.4	1.4	-0.8	-0.6	4.4	0.6	-1.4	3.8	0.0	3.0	4.4
	3	55.0	53.4	57.0	55.4	59.6	-1.6	3.8	-1.6	4.2	2.0	2.0	2.6	0.4	6.2	4.6
	3.5	51.4	56.0	53.6	52.2	57.2	4.6	-2.4	-1.4	5.0	2.2	-3.6	3.6	0.8	1.2	5.8
	4	55.0	53.2	56.8	58.4	59.4	-1.8	3.6	1.8	1.0	1.8	5.2	2.8	3.4	6.2	4.4
	4.5	59.8	60.0	65.0	58.8	63.2	0.2	5.0	-6.2	4.4	5.2	-1.2	-1.8	-1.0	3.2	3.4
	5	62.6	60.8	65.0	67.0	67.4	-1.8	4.2	2.0	0.4	2.4	6.2	2.4	4.4	6.6	4.8
	5.5	52.0	53.0	61.6	53.8	60.0	1.0	8.8	-7.8	6.2	9.6	0.8	-1.6	1.8	7.0	8.0
	6	57.8	56.6	65.2	62.8	65.6	-1.2	8.6	-2.4	2.8	7.4	6.2	0.4	5.0	9.0	7.8
25132s	0	68.3	60.8	64.5	57.7	67.0	-7.5	3.8	-6.8	9.3	-3.8	-3.1	2.5	-10.6	6.3	-1.3
	0.5	59.2	60.2	60.8	59.8	69.2	1.0	0.6	-1.0	9.4	1.6	-0.4	8.4	0.6	9.0	10.0
	1	55.4	53.6	58.4	56.8	62.4	-1.8	4.8	-1.6	5.6	3.0	3.2	4.0	1.4	8.8	7.0
	1.5	56.6	55.0	58.0	53.8	61.6	-1.8	3.0	-4.2	7.8	1.4	-1.2	3.6	-2.8	6.6	5.0
	2	56.6	54.8	57.6	57.4	63.0	-1.8	2.8	-0.2	5.6	1.0	2.8	5.4	0.8	8.2	6.4
	2.5	61.8	55.5	57.8	57.3	64.3	-6.3	2.3	-0.5	7.0	-4.0	1.8	6.5	-4.5	8.8	2.5
	3	57.0	61.2	59.2	57.8	63.6	4.2	-2.0	-1.4	5.8	2.2	-3.4	4.4	0.8	2.4	6.6
	3.5	54.0	55.4	54.4	54.0	59.0	1.4	-1.0	-0.4	5.0	0.4	-1.4	4.6	0.0	3.6	5.0
	4	53.6	52.4	51.6	52.6	56.0	-1.2	-0.8	1.0	3.4	-2.0	0.2	4.4	-1.0	3.6	2.4
	4.5	55.0	57.0	61.7	53.7	59.7	2.0	4.7	-8.0	6.0	6.7	-3.3	-2.0	-1.3	2.7	4.7
	5	66.3	59.7	56.7	57.0	71.3	-6.7	-3.0	0.3	14.3	-9.7	-2.7	14.7	-9.3	11.7	5.0
	5.5	56.0	54.0	61.4	59.3	62.2	-2.0	7.4	-2.2	3.0	5.4	5.3	0.8	3.3	8.2	6.2
	6	54.5	59.0	64.8	60.7	57.3	4.5	5.8	-4.1	-3.3	10.3	1.7	-7.4	6.2	-1.7	2.8

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
13074n	4	61.8	60.8	63.0	60.4	61.2	-1.0	2.2	-2.6	0.8	1.2	-0.4	-1.8	-1.4	0.4	-0.6
	4.5	66.2	86.2	68.0	67.2	87.8	0.0	1.8	-0.8	0.6	1.8	1.0	-0.2	1.0	1.6	1.6
	5	68.4	68.6	69.4	69.4	70.2	0.2	0.8	0.0	0.8	1.0	0.6	0.8	1.0	1.6	1.8
	5.5	65.0	65.6	66.2	66.4	67.0	0.6	0.6	0.2	0.6	1.2	0.8	0.8	1.4	1.4	2.0
	6	57.2	58.2	58.8	58.4	60.0	1.0	0.8	-0.4	1.8	1.8	0.2	1.2	1.2	1.8	2.8
	6.5	56.4	55.2	57.2	57.6	58.6	-1.2	2.0	0.4	1.0	0.8	2.4	1.4	1.2	3.4	2.2
	7	57.8	57.8	58.4	58.8	61.8	-0.2	0.8	0.4	3.0	0.6	1.2	3.4	1.0	4.2	4.0
	7.5	60.8	60.4	61.0	60.2	62.8	-0.4	0.6	-0.8	2.6	0.2	-0.2	1.8	-0.6	2.4	2.0
	8	58.0	58.8	59.6	59.2	62.0	0.8	0.8	-0.4	2.8	1.6	0.4	2.4	1.2	3.2	4.0
	8.5	64.8	64.6	65.2	65.2	67.4	-0.2	0.6	0.0	2.2	0.4	0.6	2.2	0.4	2.8	2.6
13074s	4	65.0	65.6	64.4	68.2	69.8	0.6	-1.2	1.8	3.8	-0.6	0.8	5.4	1.2	4.2	4.8
	4.5	61.0	62.2	61.0	60.8	64.0	1.2	-1.2	-0.2	3.2	0.0	-1.4	3.0	-0.2	1.8	3.0
	5	63.6	64.6	64.2	67.4	70.2	0.8	-0.4	3.2	2.8	0.4	2.8	8.0	3.6	5.8	6.4
	5.5	63.8	63.8	63.8	64.2	69.8	0.0	0.0	0.4	5.6	0.0	0.4	8.0	0.4	6.0	6.0
	8	57.6	59.2	60.0	60.8	64.0	1.6	0.8	0.8	3.2	2.4	1.8	4.0	3.2	4.8	6.4
	6.5	81.6	80.4	61.0	80.8	64.4	-1.2	0.6	-0.4	3.8	-0.6	0.2	3.4	-1.0	4.0	2.8
	7	80.4	58.6	61.4	59.8	66.4	-1.8	2.8	-1.6	6.8	1.0	1.2	5.0	-0.6	7.8	6.0
	7.5	65.2	61.6	62.4	63.0	89.0	-3.8	0.6	0.6	6.0	-2.8	1.4	6.6	-2.2	7.4	3.8
	8	60.8	59.6	59.8	60.4	63.6	-1.2	0.2	0.6	3.4	-1.0	0.8	4.0	-0.4	4.2	3.0
	8.5	67.6	67.0	67.4	66.8	69.6	-0.6	0.4	-0.6	2.8	-0.2	-0.2	2.2	-0.8	2.6	2.0
23061n	0	N.A.	66.2	70.6	71.0	68.2	N.A.	2.4	0.4	-2.8	N.A.	2.8	-2.4	N.A.	0.0	N.A.
	0.5	N.A.	74.4	76.2	76.4	73.2	N.A.	1.8	0.2	-3.2	N.A.	2.0	-3.0	N.A.	-1.2	N.A.
	1	N.A.	69.4	70.2	70.8	69.2	N.A.	0.8	0.6	-1.8	N.A.	1.4	-1.0	N.A.	-0.2	N.A.
	1.5	N.A.	65.0	66.8	67.0	66.6	N.A.	1.8	0.2	-0.2	N.A.	2.0	0.0	N.A.	1.8	N.A.
	2	N.A.	85.0	67.2	88.6	66.8	N.A.	2.2	1.4	-1.8	N.A.	3.6	-0.4	N.A.	1.8	N.A.
	2.5	N.A.	63.2	63.8	65.0	65.8	N.A.	0.8	1.2	0.8	N.A.	1.8	2.0	N.A.	2.6	N.A.
	3	N.A.	63.0	66.0	67.3	63.0	N.A.	3.0	1.3	-4.3	N.A.	4.3	-3.0	N.A.	0.0	N.A.
	3.5	N.A.	63.0	64.0	65.6	63.2	N.A.	1.0	1.6	-2.4	N.A.	2.6	-0.8	N.A.	0.2	N.A.
	4	N.A.	66.4	65.6	66.4	67.6	N.A.	-0.8	0.8	1.2	N.A.	0.0	2.0	N.A.	1.2	N.A.
	4.5	N.A.	66.4	67.0	68.4	69.4	N.A.	0.8	1.4	1.0	N.A.	2.0	2.4	N.A.	3.0	N.A.
	5	N.A.	68.7	70.7	69.0	69.0	N.A.	2.0	-1.7	0.0	N.A.	0.3	-1.7	N.A.	0.3	N.A.
	5.5	N.A.	62.8	65.0	67.2	66.4	N.A.	2.2	2.2	-0.8	N.A.	4.4	1.4	N.A.	3.6	N.A.
	6	N.A.	72.2	73.2	73.2	72.4	N.A.	1.0	0.0	-0.8	N.A.	1.0	-0.8	N.A.	0.2	N.A.
	6.5	N.A.	72.0	72.6	73.6	75.0	N.A.	0.6	1.0	1.4	N.A.	1.6	2.4	N.A.	3.0	N.A.
	7	N.A.	73.8	77.4	76.6	74.8	N.A.	3.6	-0.8	-1.8	N.A.	2.8	-2.6	N.A.	1.0	N.A.
	7.5	N.A.	81.2	85.0	85.4	80.2	N.A.	3.8	0.4	-5.2	N.A.	4.2	-4.8	N.A.	-1.0	N.A.
	8	N.A.	72.0	75.0	73.6	70.8	N.A.	3.0	-1.4	-2.8	N.A.	1.6	-4.2	N.A.	-1.2	N.A.
	8.5	N.A.	65.0	70.6	69.0	70.8	N.A.	5.8	-1.6	1.8	N.A.	4.0	0.2	N.A.	5.8	N.A.
	9	N.A.	67.6	73.2	70.6	70.6	N.A.	5.6	-2.6	0.0	N.A.	3.0	-2.6	N.A.	3.0	N.A.
23061s	0	N.A.	71.2	72.4	75.2	74.2	N.A.	1.2	2.8	-1.0	N.A.	4.0	1.8	N.A.	3.0	N.A.
	0.5	N.A.	60.4	64.8	65.0	65.0	N.A.	4.4	0.2	0.0	N.A.	4.6	0.2	N.A.	4.6	N.A.
	1	N.A.	64.6	67.4	66.4	69.8	N.A.	2.8	-1.0	3.4	N.A.	1.8	2.4	N.A.	5.2	N.A.
	1.5	N.A.	61.0	64.8	64.0	64.0	N.A.	3.8	-0.8	0.0	N.A.	3.0	-0.8	N.A.	3.0	N.A.
	2	N.A.	58.0	57.8	59.2	61.2	N.A.	-0.2	1.4	2.0	N.A.	1.2	3.4	N.A.	3.2	N.A.
	2.5	N.A.	54.8	55.4	56.0	57.2	N.A.	0.6	0.6	1.2	N.A.	1.2	1.8	N.A.	2.4	N.A.
	3	N.A.	65.8	66.8	65.0	63.3	N.A.	1.0	-1.8	-1.7	N.A.	-0.8	-3.4	N.A.	-2.4	N.A.

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
23061s	3.5	N.A.	61.4	64.2	65.2	62.8	N.A.	2.8	1.0	-2.4	N.A.	3.8	-1.4	N.A.	1.4	N.A.
	4	N.A.	64.6	62.6	66.6	64.4	N.A.	-2.0	4.0	-2.2	N.A.	2.0	1.8	N.A.	-0.2	N.A.
	4.5	N.A.	61.2	64.2	63.6	61.4	N.A.	3.0	-0.6	-2.2	N.A.	2.4	-2.8	N.A.	0.2	N.A.
	5	N.A.	61.0	59.7	65.0	67.5	N.A.	-1.3	5.3	2.5	N.A.	4.0	7.8	N.A.	8.5	N.A.
	5.5	N.A.	64.6	67.2	64.5	69.6	N.A.	2.6	-2.7	5.1	N.A.	-0.1	2.4	N.A.	5.0	N.A.
	6	N.A.	65.4	68.4	69.6	70.8	N.A.	3.0	1.2	1.2	N.A.	4.2	2.4	N.A.	5.4	N.A.
	6.5	N.A.	69.4	76.2	76.0	76.2	N.A.	6.8	-0.2	0.2	N.A.	6.6	0.0	N.A.	6.8	N.A.
	7	N.A.	64.0	68.2	67.4	67.6	N.A.	4.2	-0.8	0.2	N.A.	3.4	-0.6	N.A.	3.6	N.A.
	7.5	N.A.	68.4	73.0	71.0	71.8	N.A.	4.8	-2.0	0.8	N.A.	2.6	-1.2	N.A.	3.4	N.A.
	8	N.A.	71.4	75.0	75.2	75.8	N.A.	3.6	0.2	0.6	N.A.	3.8	0.8	N.A.	4.4	N.A.
	8.5	N.A.	63.0	64.2	65.0	65.0	N.A.	1.2	0.8	0.0	N.A.	2.0	0.8	N.A.	2.0	N.A.
	9	N.A.	64.2	65.0	66.5	67.6	N.A.	0.8	3.5	-0.9	N.A.	4.3	2.6	N.A.	3.4	N.A.
44043e	0	75.6	77.2	79.2	79.0	81.4	1.6	2.0	-0.2	2.4	3.6	1.8	2.2	3.4	4.2	5.8
	0.5	70.8	83.4	78.2	76.2	76.8	12.6	-5.2	-2.0	0.8	7.4	-7.2	-1.4	5.4	-6.6	6.0
	1	67.6	70.8	72.6	72.2	75.8	3.2	1.8	-0.4	3.6	5.0	1.4	3.2	4.6	5.0	8.2
	1.5	67.6	74.0	72.8	71.0	75.8	6.4	-1.2	-1.8	4.8	5.2	-3.0	3.0	3.4	1.8	8.2
	2	72.6	76.8	79.4	74.2	80.0	4.2	2.6	-5.2	5.8	6.6	-2.6	0.6	1.6	3.2	7.4
	2.5	69.6	72.4	78.2	71.2	72.8	2.8	5.8	-7.0	1.6	8.6	-1.2	-5.4	1.6	0.4	3.2
	3	67.4	70.6	74.8	71.6	74.4	3.2	4.2	-3.2	2.8	7.4	1.0	-0.4	4.2	3.8	7.0
	3.5	66.0	70.0	71.2	68.6	71.0	4.0	1.2	-2.6	2.4	5.2	-1.4	-0.2	2.6	1.0	5.0
	4	62.2	65.6	65.4	63.4	69.8	3.4	-0.2	-2.0	6.4	3.2	-2.2	4.4	1.2	4.2	7.6
	4.5	65.8	69.6	70.8	70.2	74.0	3.8	1.0	-0.4	3.8	4.8	0.6	3.4	4.4	4.4	8.2
	5	61.0	63.0	63.2	64.6	67.4	2.0	0.2	1.4	2.8	2.2	1.6	4.2	3.6	4.4	6.4
	5.5	63.5	65.8	65.8	68.5	74.3	2.3	0.0	2.8	5.8	2.3	2.8	8.6	5.0	8.6	10.8
	6	66.4	68.4	71.2	65.6	67.8	2.0	2.8	-5.6	2.2	4.8	-2.8	-3.4	-0.8	-0.6	1.4
	6.5	56.4	58.2	57.6	59.2	60.6	1.8	-0.6	1.6	1.4	1.2	1.0	3.0	2.8	2.4	4.2
44043w	0	68.6	69.2	70.4	66.8	73.8	0.6	1.2	-3.7	7.1	1.6	-2.5	3.4	-1.8	4.6	5.2
	0.5	66.4	68.6	76.8	69.4	69.2	2.2	8.2	-7.4	-0.2	10.4	0.8	-7.6	3.0	0.6	2.8
	1	69.2	76.2	75.6	69.6	75.0	7.0	-0.8	-6.0	5.4	6.4	-6.6	-0.6	0.4	-1.2	5.8
	1.5	63.2	67.0	66.2	66.2	68.6	3.8	-0.8	0.0	2.4	3.0	-0.8	2.4	3.0	1.6	5.4
	2	66.8	72.6	72.4	71.6	72.6	5.8	-0.2	-0.8	1.0	5.6	-1.0	0.2	4.8	0.0	5.8
	2.5	65.4	70.4	72.4	66.8	70.6	5.0	2.0	-5.6	3.8	7.0	-3.6	-1.8	1.4	0.2	5.2
	3	61.0	63.8	64.4	66.0	67.6	2.8	0.6	1.6	1.6	3.4	2.2	3.2	5.0	3.8	6.6
	3.5	62.6	66.6	68.4	66.8	70.0	4.0	1.8	-1.8	3.4	5.8	0.0	1.6	4.0	3.4	7.4
	4	65.6	71.4	70.0	72.6	72.2	5.8	-1.4	2.6	-0.4	4.4	1.2	2.2	7.0	0.8	6.6
	4.5	70.0	74.6	73.8	74.4	77.4	4.6	-0.8	0.6	3.0	3.8	-0.2	3.6	4.4	2.8	7.4
	5	65.0	66.0	68.0	70.4	74.4	1.0	2.0	2.4	4.0	3.0	4.4	6.4	5.4	8.4	9.4
	5.5	72.8	73.0	61.5	66.8	74.8	0.3	8.5	-14.8	8.0	8.8	-6.3	-6.8	-6.0	1.8	2.0
	6	64.6	70.6	72.4	68.4	71.8	6.0	1.8	-4.0	3.4	7.6	-2.2	-0.6	3.8	1.2	7.2
	6.5	53.2	52.4	58.0	59.0	58.2	-0.8	5.6	1.0	-0.8	4.8	6.6	0.2	5.8	5.8	5.0
25084e	0	63.5	70.3	69.3	73.4	71.5	6.8	-1.0	4.2	-1.9	5.8	3.2	2.3	9.9	1.3	8.0
	0.5	70.0	75.4	72.5	74.4	77.8	5.4	-2.9	1.9	3.4	2.5	-1.0	5.3	4.4	2.4	7.8
	1	78.5	77.0	73.7	76.0	76.0	-1.5	-3.3	2.3	0.0	-4.8	-1.0	2.3	-2.5	-1.0	-2.5
	1.5	65.7	70.3	69.3	68.3	70.3	4.7	-1.0	-1.0	2.0	3.7	-2.0	1.0	2.7	0.0	4.7
	2	67.0	67.8	68.3	69.3	70.3	0.8	0.5	1.1	1.0	1.3	1.6	2.1	2.3	2.6	3.3

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
25084e	2.5	63.0	68.3	67.8	68.0	73.5	3.3	1.5	0.3	5.5	4.8	1.8	5.8	5.0	7.3	10.5
	3	56.0	62.8	62.2	62.0	70.4	8.8	-0.6	-0.2	8.4	6.2	-0.8	8.2	6.0	7.6	14.4
	3.5	60.3	76.0	70.0	68.8	74.3	15.8	-6.0	-1.3	5.5	9.8	-7.3	4.3	8.5	-1.8	14.0
	4	59.4	65.6	72.2	65.2	68.4	6.2	6.6	-7.0	3.2	12.8	-0.4	-3.8	5.8	2.8	9.0
	4.5	58.0	65.6	70.8	82.8	83.8	7.8	5.2	-6.2	1.2	12.8	-3.0	-7.0	4.6	-1.8	5.8
	5	58.2	63.6	67.8	61.8	66.4	5.4	4.2	-6.0	4.6	9.6	-1.8	-1.4	3.6	2.8	8.2
	5.5	57.0	67.3	66.8	68.0	68.3	10.3	-0.5	-0.8	2.3	9.8	-1.3	1.5	9.0	1.0	11.3
	6	62.0	65.6	74.6	65.8	68.6	3.6	9.0	-8.8	2.8	12.6	0.2	-6.0	3.8	3.0	6.6
	6.5	65.0	66.8	66.8	68.3	71.0	1.8	0.0	-0.5	4.8	1.8	-0.5	4.3	1.3	4.3	6.0
	7	64.8	66.0	65.6	66.8	70.2	1.2	-0.4	1.2	3.4	0.8	0.8	4.8	2.0	4.2	5.4
	7.5	70.8	71.2	70.6	71.6	75.8	0.4	-0.6	1.0	4.2	-0.2	0.4	5.2	0.8	4.6	5.0
	8	87.8	69.4	71.8	69.8	72.8	1.6	2.4	-2.0	3.0	4.0	0.4	1.0	2.0	3.4	5.0
	8.5	69.0	72.5	72.3	69.0	71.7	3.5	-0.3	-3.3	2.7	3.3	-3.5	-0.8	0.0	-0.8	2.7
	9	70.2	69.8	76.2	70.6	73.0	-0.4	6.4	-5.8	2.4	6.0	0.8	-3.2	0.4	3.2	2.8
	9.5	70.6	70.0	73.0	73.0	76.6	-0.6	3.0	0.0	3.6	2.4	3.0	3.6	2.4	6.8	6.0
	10	63.6	65.4	67.0	68.2	70.6	1.8	1.6	-0.8	4.4	3.4	0.8	3.6	2.6	5.2	7.0
	10.5	63.0	64.6	65.8	66.0	70.0	1.6	1.2	0.2	4.0	2.8	1.4	4.2	3.0	5.4	7.0
	11	61.0	64.2	66.2	63.6	66.4	3.2	2.0	-2.6	2.8	5.2	-0.6	0.2	2.6	2.2	5.4
25084w	0	61.0	63.8	63.3	66.8	68.2	2.8	-0.5	3.5	1.5	2.3	3.0	5.0	5.8	4.5	7.2
	0.5	76.0	74.4	83.0	81.8	85.0	-1.6	8.6	-1.2	3.2	7.0	7.4	2.0	5.8	10.6	9.0
	1	75.5	70.3	74.5	70.7	73.0	-5.3	4.3	-3.8	2.3	-1.0	0.4	-1.5	-4.8	2.8	-2.5
	1.5	68.0	71.0	70.3	71.0	74.0	3.0	-0.7	0.7	3.0	2.3	0.0	3.7	3.0	3.0	6.0
	2	65.8	74.0	71.0	72.3	70.7	8.3	-3.0	1.3	-1.7	5.3	-1.7	-0.3	6.6	-3.3	4.9
	2.5	69.8	79.3	74.3	72.3	74.8	9.5	-5.0	-2.0	2.5	4.5	-7.0	0.5	2.5	-4.5	5.0
	3	61.4	67.6	67.2	68.6	69.2	6.2	-0.4	1.4	0.6	5.8	1.0	2.0	7.2	1.6	7.8
	3.5	56.5	61.5	63.3	65.0	70.3	5.0	1.8	1.8	5.3	6.8	3.5	7.1	8.5	8.8	13.8
	4	59.8	68.6	63.4	N.A.	71.6	8.8	-5.2	N.A.	N.A.	3.6	N.A.	8.2	N.A.	3.0	11.8
	4.5	63.2	67.0	66.8	N.A.	70.8	3.8	-0.2	N.A.	N.A.	3.6	N.A.	3.8	N.A.	3.6	7.4
	5	57.8	63.2	68.4	N.A.	64.8	5.4	5.2	N.A.	N.A.	10.6	N.A.	-3.6	N.A.	1.6	7.0
	5.5	65.5	73.5	73.5	N.A.	75.0	8.0	0.0	N.A.	N.A.	8.0	N.A.	1.5	N.A.	1.5	9.5
	6	67.8	71.8	70.0	N.A.	70.0	4.0	-1.8	N.A.	N.A.	2.2	N.A.	0.0	N.A.	-1.8	2.2
	6.5	67.3	72.0	73.3	N.A.	75.3	4.8	1.3	N.A.	N.A.	6.0	N.A.	2.0	N.A.	3.3	8.0
	7	66.0	65.6	68.6	N.A.	72.2	-0.4	3.0	N.A.	N.A.	2.6	N.A.	3.6	N.A.	6.6	6.2
	7.5	64.4	66.2	67.8	N.A.	69.6	1.8	1.4	N.A.	N.A.	3.2	N.A.	2.0	N.A.	3.4	5.2
	8	58.8	61.8	62.2	N.A.	64.8	2.8	0.6	N.A.	N.A.	3.4	N.A.	2.6	N.A.	3.2	6.0
	8.5	64.3	66.0	69.8	N.A.	73.7	1.8	3.8	N.A.	N.A.	5.5	N.A.	3.9	N.A.	7.7	9.4
	9	61.4	65.0	69.2	N.A.	68.4	3.6	4.2	N.A.	N.A.	7.8	N.A.	-0.8	N.A.	3.4	7.0
	9.5	68.8	67.0	69.2	N.A.	72.8	-1.8	2.2	N.A.	N.A.	0.4	N.A.	3.6	N.A.	5.8	4.0
	10	65.8	66.0	67.8	N.A.	71.4	0.2	1.8	N.A.	N.A.	2.0	N.A.	3.6	N.A.	5.4	5.6
	10.5	66.2	65.8	71.8	N.A.	72.0	-0.4	6.0	N.A.	N.A.	5.6	N.A.	0.2	N.A.	6.2	5.8
	11	65.4	66.6	68.8	N.A.	71.6	1.2	2.2	N.A.	N.A.	3.4	N.A.	2.8	N.A.	5.0	6.2
73101n	5	54.0	56.8	56.0	57.2	58.2	2.8	-0.8	1.2	1.0	2.0	0.4	2.2	3.2	1.4	4.2
	5.5	48.2	45.8	46.2	46.6	48.4	-2.4	0.4	0.4	1.8	-2.0	0.8	2.2	-1.6	2.6	0.2
	6	47.6	49.2	48.8	49.0	52.8	1.8	-0.4	0.2	3.8	1.2	-0.2	4.0	1.4	3.6	5.2
	6.5	46.8	46.6	44.2	44.4	49.6	-0.2	-2.4	0.2	5.2	-2.6	-2.2	5.4	-2.4	3.0	2.8

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	98	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	98-93	96-92
21025e	0	69.0	68.0	67.0	67.6	66.8	-1.0	-1.0	0.6	-0.8	-2.0	-0.4	-0.2	-1.4	-1.2	-2.2
	0.5	60.8	63.4	65.8	64.8	62.0	2.7	2.4	-1.0	-2.8	5.1	1.4	-3.8	4.1	-1.4	1.3
	1	51.2	52.8	52.2	53.4	54.6	1.4	-0.4	1.2	1.2	1.0	0.8	2.4	2.2	2.0	3.4
	1.5	53.2	54.8	54.6	56.0	55.4	1.6	-0.2	1.4	-0.8	1.4	1.2	0.8	2.8	0.6	2.2
	2	48.2	50.4	50.8	50.6	53.2	2.2	0.4	-0.2	2.6	2.8	0.2	2.4	2.4	2.8	5.0
	2.5	52.2	54.0	54.0	54.4	57.4	1.8	0.0	0.4	3.0	1.8	0.4	3.4	2.2	3.4	5.2
	3	59.3	62.2	63.8	66.2	61.0	3.0	1.8	2.4	-5.2	4.8	4.0	-2.8	7.0	-1.2	1.8
	3.5	57.0	58.2	57.8	57.6	55.8	1.2	-0.4	-0.2	-1.6	0.8	-0.6	-2.0	0.6	-2.4	-1.2
	4	52.4	57.6	56.0	55.0	55.8	5.2	-1.8	-1.0	0.8	3.6	-2.8	-0.2	2.6	-1.8	3.4
	4.5	55.2	56.6	59.2	58.8	58.6	1.4	2.8	-0.4	-0.2	4.0	2.2	-0.6	3.6	2.0	3.4
	5	61.2	61.4	62.6	60.8	63.2	0.2	1.2	-1.8	2.4	1.4	-0.6	0.6	-0.4	1.8	2.0
	5.5	58.0	58.6	60.4	59.8	60.0	0.8	1.8	-0.6	0.2	2.4	1.2	-0.4	1.8	1.4	2.0
21025w	0	71.0	72.6	72.8	77.2	71.7	1.6	0.2	4.4	-5.5	1.8	4.6	-1.1	6.2	-0.9	0.7
	0.5	64.0	61.6	61.6	61.6	64.4	-2.4	0.0	0.0	2.8	-2.4	0.0	2.8	-2.4	2.8	0.4
	1	61.2	58.2	59.8	60.8	61.0	-3.0	1.6	1.0	0.2	-1.4	2.6	1.2	-0.4	2.8	-0.2
	1.5	53.0	54.6	55.0	55.6	57.0	1.6	0.4	0.6	1.4	2.0	1.0	2.0	2.6	2.4	4.0
	2	49.8	50.8	50.6	51.4	52.0	1.0	-0.2	0.8	0.6	0.8	0.6	1.4	1.6	1.2	2.2
	2.5	50.6	54.8	54.8	55.2	53.8	4.2	0.0	0.4	-1.4	4.2	0.4	-1.0	4.6	-1.0	3.2
	3	53.5	54.8	58.8	59.8	54.5	1.3	4.0	1.0	-5.3	5.3	5.0	-4.3	6.3	-0.3	1.0
	3.5	53.4	53.2	52.6	56.6	57.0	-0.2	-0.8	4.0	0.4	-0.8	3.4	4.4	3.2	3.8	3.6
	4	51.8	52.0	52.0	52.8	52.0	0.2	0.0	0.8	-0.8	0.2	0.8	0.0	1.0	0.0	0.2
	4.5	52.6	52.2	51.2	53.8	53.4	-0.4	-1.0	2.6	-0.4	-1.4	1.6	2.2	1.2	1.2	0.8
	5	57.6	62.2	61.8	62.2	58.6	4.6	-0.4	0.4	-3.6	4.2	0.0	-3.2	4.6	-3.6	1.0
	5.5	68.4	63.0	67.2	66.6	70.0	-5.4	4.2	-0.8	3.4	-1.2	3.6	2.8	-1.8	7.0	1.6
65041n	0	50.6	50.4	51.8	53.8	55.0	-0.2	1.4	2.0	1.2	1.2	3.4	3.2	3.2	4.6	4.4
	0.5	51.2	51.2	50.4	52.4	57.6	0.0	-0.8	2.0	5.2	-0.8	1.2	7.2	1.2	6.4	6.4
	1	49.2	48.2	49.0	50.8	54.2	-1.0	0.8	1.8	3.4	-0.2	2.6	5.2	1.6	6.0	5.0
	1.5	49.2	46.8	47.2	49.4	53.2	-2.4	0.4	2.2	3.8	-2.0	2.6	6.0	0.2	6.4	4.0
	2	51.2	51.8	51.6	53.2	56.8	0.6	-0.2	1.6	3.6	0.4	1.4	5.2	2.0	5.0	5.6
	2.5	44.4	43.6	43.4	48.0	48.8	-0.8	-0.2	2.6	2.8	-1.0	2.4	5.4	1.6	5.2	4.4
	3	58.2	57.0	57.6	58.4	60.4	-1.2	0.8	0.6	2.0	-0.4	1.4	2.6	0.2	3.4	2.2
	3.5	55.6	57.0	56.2	56.4	60.4	1.4	-0.8	0.2	4.0	0.6	-0.6	4.2	0.8	3.4	4.8
	4	57.6	58.4	58.2	59.0	63.8	0.8	-0.2	0.8	4.8	0.6	0.6	5.8	1.4	5.4	6.2
	4.5	54.6	54.8	55.4	56.6	58.8	0.2	0.6	1.2	2.2	0.8	1.8	3.4	2.0	4.0	4.2
	5	59.4	59.4	60.4	61.4	64.8	0.0	1.0	1.0	3.4	1.0	2.0	4.4	2.0	5.4	5.4
	5.5	55.2	55.0	55.8	56.8	59.4	-0.2	0.8	0.8	2.8	0.6	1.6	3.6	1.4	4.4	4.2
	6	59.0	60.6	61.4	62.2	65.6	1.8	0.8	0.8	3.4	2.4	1.8	4.2	3.2	5.0	6.6
65041s	0	57.0	58.6	58.8	58.4	62.0	1.6	0.2	-0.4	3.8	1.8	-0.2	3.2	1.4	3.4	5.0
	0.5	56.0	56.6	58.6	58.0	62.8	0.6	2.0	-0.6	4.8	2.6	1.4	4.2	2.0	6.2	6.8
	1	53.2	54.8	53.4	56.6	60.4	1.6	-1.4	3.2	3.8	0.2	1.8	7.0	3.4	5.6	7.2
	1.5	53.0	55.4	55.4	57.0	60.6	2.4	0.0	1.6	3.6	2.4	1.6	5.2	4.0	5.2	7.6
	2	53.6	55.0	55.4	57.0	61.6	1.4	0.4	1.6	4.6	1.8	2.0	6.2	3.4	6.6	8.0
	2.5	50.4	52.8	51.4	54.0	58.2	2.4	-1.4	2.6	4.2	1.0	1.2	6.8	3.6	5.4	7.8
	3	48.8	49.0	48.2	50.0	55.6	0.2	-0.8	1.8	5.6	-0.6	1.0	7.4	1.2	6.6	6.8
	3.5	49.2	49.0	48.8	50.4	57.6	-0.2	-0.2	1.6	7.2	-0.4	1.4	8.8	1.2	8.6	8.4

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
65041s	4	46.0	46.8	46.2	48.0	53.2	0.8	-0.6	1.8	5.2	0.2	1.2	7.0	2.0	6.4	7.2
	4.5	48.2	48.6	49.4	50.2	56.6	0.4	0.6	0.6	6.4	1.2	1.6	7.2	2.0	8.0	8.4
	5	56.8	56.4	57.2	59.2	65.4	1.6	-1.2	2.0	6.2	0.4	0.8	8.2	2.4	7.0	8.6
	5.5	49.4	53.2	49.6	52.2	58.4	3.8	-3.6	2.6	6.2	0.2	-1.0	8.8	2.8	5.2	9.0
	6	57.2	56.6	60.2	60.0	64.8	1.4	1.8	-0.2	4.8	3.0	1.4	4.6	2.8	6.2	7.6
25085e	1	55.6	59.6	N.A.	61.0	64.2	4.0	N.A.	N.A.	3.2	N.A.	1.4	N.A.	5.4	4.6	6.6
	1.5	53.8	56.3	N.A.	63.0	61.7	4.5	N.A.	N.A.	-1.3	N.A.	4.8	N.A.	9.3	3.4	7.9
	2	58.0	61.5	N.A.	59.7	63.0	3.5	N.A.	N.A.	3.3	N.A.	-1.6	N.A.	1.7	1.5	5.0
	2.5	54.8	57.4	N.A.	55.2	57.6	2.6	N.A.	N.A.	2.4	N.A.	-2.2	N.A.	0.4	0.2	2.8
25085w	1	61.4	67.2	61.8	66.6	68.6	5.8	-5.4	4.8	2.0	0.4	-0.6	6.8	5.2	1.4	7.2
	1.5	63.8	65.4	65.2	67.6	68.5	1.7	-0.2	2.4	0.9	1.5	2.2	3.3	3.8	3.1	4.8
	2	65.3	68.0	72.4	65.6	66.0	2.8	4.4	-6.8	0.4	7.2	-2.4	-6.4	0.3	-2.0	0.8
	2.5	58.6	63.6	63.6	66.0	65.6	5.0	0.0	4.4	-2.4	5.0	4.4	2.0	9.4	2.0	7.0
06111n	0	56.8	60.4	62.2	67.4	60.2	3.6	1.8	5.2	-7.2	5.4	7.0	-2.0	10.8	-0.2	3.4
	0.5	47.6	54.7	53.2	59.4	54.4	7.1	-1.5	6.2	-5.0	5.6	4.7	1.2	11.8	-0.3	6.8
	1	62.0	67.4	67.8	70.6	64.0	5.4	0.4	2.8	-6.6	5.8	3.2	-3.8	8.6	-3.4	2.0
	1.5	60.6	61.2	64.6	67.8	64.8	0.6	3.4	3.2	-3.0	4.0	6.6	0.2	7.2	3.6	4.2
	2	60.6	61.6	58.6	66.0	62.8	1.2	-3.2	9.4	-5.2	-2.0	6.2	4.2	7.4	1.0	2.2
	2.5	39.2	36.2	36.6	39.0	43.2	-3.0	0.4	2.4	4.2	-2.6	2.8	6.6	-0.2	7.0	4.0
	3	42.6	41.8	42.0	44.2	46.4	-0.8	0.2	2.2	4.2	-0.6	2.4	6.4	1.6	6.6	5.8
	3.5	50.0	47.2	49.0	50.2	57.0	-2.8	1.8	1.2	6.8	-1.0	3.0	6.0	0.2	9.8	7.0
	4	52.2	51.2	55.4	54.6	59.2	-1.0	4.2	-0.6	4.4	3.2	3.6	3.8	2.8	8.0	7.0
	4.5	49.3	49.5	56.3	54.5	61.0	0.3	6.8	-1.8	6.5	7.0	5.0	4.8	5.3	11.5	11.8
	5	55.8	61.6	67.0	64.5	66.8	5.8	5.4	-2.5	2.3	11.2	2.9	-0.3	8.7	5.2	11.0
	5.5	49.2	46.6	50.6	51.0	57.6	-2.4	3.6	0.4	6.6	1.4	4.2	7.0	1.8	10.8	8.4
	6	45.8	45.0	44.6	45.6	50.8	-0.8	-0.4	1.0	5.2	-1.2	0.6	6.2	-0.2	5.8	5.0
	6.5	48.2	48.2	46.8	51.2	53.0	0.0	0.6	2.4	1.8	0.6	3.0	4.2	3.0	4.8	4.8
	7	46.4	46.0	48.6	51.4	51.8	-0.4	2.6	2.8	0.4	2.2	5.4	3.2	5.0	5.8	5.4
	7.5	56.4	58.6	59.3	65.6	67.2	2.2	0.7	6.3	1.6	2.9	7.0	7.9	9.2	8.6	10.6
	8	52.0	53.4	52.6	55.8	57.8	1.4	-0.6	3.0	2.0	0.6	2.4	5.0	3.8	4.4	5.8
	8.5	59.0	64.2	60.4	68.0	70.0	5.2	-3.8	7.6	2.0	1.4	3.6	9.6	9.0	5.8	11.0
	9	54.4	54.6	57.6	61.6	58.8	0.2	3.0	4.0	-2.8	3.2	7.0	1.2	7.2	4.2	4.4
	9.5	51.2	59.2	51.8	53.6	55.2	8.0	-7.4	1.6	1.6	0.6	-5.6	3.4	2.4	-4.0	4.0
	10	43.2	42.4	44.0	51.4	52.4	-0.6	1.6	7.4	1.0	0.8	9.0	8.4	8.2	10.0	9.2
	10.5	42.0	43.0	42.4	47.0	47.6	1.0	-0.6	4.6	0.6	0.4	4.0	5.2	5.0	4.6	5.6
	11	48.4	49.0	50.2	49.0	55.2	0.6	1.2	-1.2	6.2	1.8	0.0	5.0	0.8	6.2	6.8
	11.5	51.6	51.2	52.8	57.8	58.0	-0.4	1.6	5.0	0.2	1.2	6.6	5.2	6.2	6.8	8.4
	12	59.6	57.0	61.2	63.4	68.6	-2.8	4.2	2.2	5.4	1.4	6.4	7.6	3.6	11.8	9.0
	12.5	61.6	59.4	63.6	64.4	67.2	-2.2	4.2	0.8	2.8	2.0	5.0	3.6	2.8	7.8	5.6
	13	49.4	46.4	49.4	50.8	56.0	-3.0	3.0	1.4	5.2	0.0	4.4	6.6	1.4	9.6	6.6
	13.5	55.4	57.4	53.4	56.4	60.8	2.0	-4.0	3.0	4.4	-2.0	-1.0	7.4	1.0	3.4	5.4
	14	51.6	47.6	49.2	53.6	55.8	-4.0	1.6	4.4	2.2	-2.4	6.0	6.6	2.0	8.2	4.2
	14.5	47.0	44.6	53.8	53.4	57.4	-2.4	9.2	-0.4	4.0	6.8	8.8	3.6	6.4	12.8	10.4
	15	52.0	56.0	55.4	56.6	62.6	4.0	-0.6	3.2	4.0	3.4	2.6	7.2	6.6	6.6	10.6
	15.5	48.4	53.6	51.8	57.6	56.6	5.4	-2.0	5.8	-1.0	3.4	3.8	4.8	9.2	2.6	8.2

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	98-94	95-92	96-93	96-92
	16	53.2	56.8	52.2	53.4	65.2	3.6	-4.6	1.2	11.8	-1.0	-3.4	13.0	0.2	8.4	12.0
	16.5	46.2	47.4	49.4	57.0	60.4	1.2	2.0	7.6	3.4	3.2	9.6	11.0	10.8	13.0	14.2
	17	57.8	N.A.	63.2	N.A.	67.8	N.A.	N.A.	N.A.	N.A.	5.4	N.A.	4.6	N.A.	N.A.	10.0
06111s	0	61.0	60.6	56.8	64.2	63.8	-0.4	-4.0	7.6	-0.4	-4.4	3.6	7.2	3.2	3.2	2.8
	0.5	46.4	56.6	55.4	57.4	62.8	10.2	-1.2	2.0	5.4	9.0	0.8	7.4	11.0	6.2	16.4
	1	55.0	57.6	58.4	82.8	61.2	2.6	0.8	4.4	-1.8	3.4	5.2	2.8	7.8	3.6	6.2
	1.5	47.4	55.4	57.4	57.4	61.6	8.0	2.0	0.0	4.2	10.0	2.0	4.2	10.0	6.2	14.2
	2	50.6	48.4	48.6	50.2	51.2	-2.2	0.2	1.8	1.0	-2.0	1.6	2.6	-0.4	2.6	0.6
	2.5	37.2	39.4	41.8	44.6	46.8	2.2	2.4	2.8	2.2	4.6	5.2	5.0	7.4	7.4	9.6
	3	51.2	51.0	48.0	54.2	57.2	-0.2	-3.0	6.2	3.0	-3.2	3.2	9.2	3.0	6.2	6.0
	3.5	47.8	46.2	47.0	49.2	51.8	-1.4	0.8	2.2	2.6	-0.6	3.0	4.8	1.6	5.6	4.2
	4	42.8	43.2	43.8	49.2	45.0	0.4	0.6	5.4	-4.2	1.0	6.0	1.2	6.4	1.8	2.2
	4.5	44.5	46.5	45.8	46.8	51.5	2.0	-0.8	1.0	4.8	1.3	0.3	5.8	2.3	5.0	7.0
	5	55.0	82.2	59.0	55.0	61.3	7.2	-3.2	-4.0	6.3	4.0	-7.2	2.3	0.0	-1.0	6.3
	5.5	52.2	64.6	58.0	64.2	65.6	12.4	-6.6	6.2	1.4	5.8	-0.4	7.6	12.0	1.0	13.4
	6	48.0	61.4	59.0	59.0	63.0	13.4	-2.4	0.0	4.0	11.0	-2.4	4.0	11.0	1.6	15.0
	6.5	63.8	66.2	63.0	61.8	68.6	2.4	-3.2	-1.2	8.8	-0.8	-4.4	5.6	-2.0	2.4	4.8
	7	60.8	63.6	60.8	64.8	68.6	3.0	-3.2	4.2	3.8	-0.2	1.0	8.0	4.0	4.8	7.8
	7.5	52.4	56.8	57.6	58.2	65.8	4.4	0.8	0.8	7.8	5.2	1.4	8.2	5.8	9.0	13.4
	8.	49.0	50.0	50.2	58.8	58.6	1.0	0.2	8.8	-0.2	1.2	8.8	8.4	9.6	6.6	9.6
	8.5	54.6	57.2	53.6	55.4	60.0	2.6	-3.8	1.8	4.6	-1.0	-1.8	6.4	0.6	2.8	5.4
	9	48.4	52.4	53.2	54.6	57.6	4.0	0.8	1.4	3.0	4.8	2.2	4.4	6.2	5.2	9.2
	9.5	45.0	42.4	40.2	49.8	45.0	-2.6	-2.2	9.6	-4.8	-4.8	7.4	4.8	4.8	2.6	0.0
	10	42.4	46.6	49.8	54.4	59.6	4.2	3.2	4.8	5.2	7.4	7.8	9.8	12.0	13.0	17.2
	10.5	47.4	50.2	48.0	48.6	50.4	2.8	-2.2	0.6	1.8	0.6	-1.6	2.4	1.2	0.2	3.0
	11	47.2	47.4	52.2	50.2	59.6	0.2	4.8	-2.0	9.6	5.0	2.8	7.6	3.0	12.4	12.6
	11.5	55.2	55.0	57.6	59.4	65.4	-0.2	2.6	1.8	6.0	2.4	4.4	7.8	4.2	10.4	10.2
	12	47.0	49.0	51.6	49.6	54.8	2.0	2.6	-2.0	5.2	4.6	0.6	3.2	2.6	5.8	7.8
	12.5	43.6	46.6	43.6	50.2	54.6	3.0	-3.0	6.8	4.4	0.0	3.6	11.0	6.6	8.0	11.0
	13	42.0	44.0	42.2	48.0	55.2	2.0	-1.8	5.8	7.2	0.2	4.0	13.0	6.0	11.2	13.2
	13.5	39.2	45.8	45.4	44.4	48.0	6.6	-0.4	-1.0	3.8	6.2	-1.4	2.6	5.2	2.2	8.8
	14	44.8	44.0	46.6	46.6	48.8	-0.8	2.6	0.0	2.2	1.8	2.6	2.2	1.8	4.8	4.0
	14.5	52.6	47.0	49.4	53.6	54.0	-5.6	2.4	4.2	0.4	-3.2	6.6	4.6	1.0	7.0	1.4
	15	43.0	46.4	49.6	50.8	54.4	3.4	3.2	1.2	3.6	6.6	4.4	4.8	7.8	8.0	11.4
	15.5	47.0	54.0	51.4	51.2	55.0	7.0	-2.6	-0.2	3.8	4.4	-2.8	3.6	4.2	1.0	8.0
	16	44.4	50.2	48.2	54.2	58.0	5.8	-2.0	6.0	3.8	3.8	4.0	9.8	9.8	7.8	13.6
	16.5	51.8	57.0	49.0	55.4	62.6	5.2	-8.0	6.4	7.2	-2.8	-1.6	13.6	3.6	5.6	10.8
	17	60.2	67.0	63.4	64.4	68.2	6.6	-3.6	1.0	1.8	3.2	-2.6	2.8	4.2	-0.8	6.0
13073n	0.5	57.0	58.0	60.6	61.4	66.0	1.0	2.6	0.8	4.6	3.6	3.4	5.4	4.4	8.0	9.0
	1	58.8	59.8	64.8	63.3	65.5	1.0	5.0	-1.4	2.2	6.0	3.6	0.6	4.6	5.8	6.8
	1.5	53.8	54.8	58.8	59.2	61.2	1.0	4.0	0.4	2.0	5.0	4.4	2.4	5.4	6.4	7.4
	2	56.8	61.8	55.3	57.8	80.3	5.0	-6.5	2.5	2.6	-1.5	-4.0	5.1	1.0	-1.4	3.6
	2.5	50.3	53.5	57.3	59.8	59.5	3.3	3.6	2.5	-0.3	7.0	6.3	2.3	9.5	6.0	9.3
	3	57.0	58.6	56.0	59.6	62.2	-0.4	-0.6	3.8	2.6	-1.0	3.0	8.2	2.6	5.6	5.2
	3.5	58.4	58.2	60.8	60.2	59.8	-0.2	2.6	-0.6	-0.4	2.4	2.0	-1.0	1.8	1.6	1.4

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	98	93-92	94-93	95-94	96-95	94-92	95-93	98-94	95-92	96-93	96-92
13073n	4	58.4	58.8	63.0	59.2	61.4	2.4	4.2	-3.8	2.2	6.6	0.4	-1.6	2.8	2.6	5.0
	4.5	56.2	56.6	62.4	55.6	58.2	0.4	5.8	-8.8	2.6	6.2	-1.0	-4.2	-0.8	1.6	2.0
	5	57.8	59.2	59.8	59.8	62.0	1.4	0.4	0.0	2.4	1.8	0.4	2.4	1.8	2.8	4.2
	5.5	54.8	56.4	55.6	55.0	55.6	1.6	-0.8	-0.6	0.6	0.8	-1.4	0.0	0.2	-0.8	0.8
	6	57.8	58.8	58.2	60.8	81.8	1.0	-0.6	2.6	1.0	0.4	2.0	3.6	3.0	3.0	4.0
	6.5	63.4	64.8	65.4	65.0	68.6	1.4	0.6	-0.4	3.6	2.0	0.2	3.2	1.6	3.8	5.2
	7	54.2	56.6	56.4	57.2	80.8	2.4	-0.2	0.8	3.4	2.2	0.6	4.2	3.0	4.0	6.4
	7.5	59.0	58.4	85.6	82.2	85.8	-0.6	7.2	-3.4	3.6	6.6	3.8	0.2	3.2	7.4	6.8
	8	58.2	57.2	59.2	58.4	60.2	1.0	2.0	-0.8	1.6	3.0	1.2	1.0	2.2	3.0	4.0
	8.5	57.0	58.0	81.2	57.8	60.4	1.0	3.2	-3.4	2.6	4.2	-0.2	-0.8	0.8	2.4	3.4
	9	55.8	56.8	57.8	60.0	60.4	1.2	1.0	2.2	0.4	2.2	3.2	2.6	4.4	3.6	4.8
	9.5	56.2	55.6	58.2	62.0	65.6	-0.6	2.8	3.8	3.8	2.0	6.4	7.4	5.8	10.0	9.4
	10	57.4	57.2	58.0	64.8	66.8	-0.2	0.8	6.8	2.0	0.6	7.6	8.8	7.4	9.6	9.4
	10.5	64.0	63.4	61.4	66.4	67.8	-0.6	-2.0	5.0	1.4	-2.6	3.0	8.4	2.4	4.4	3.8
	11	61.0	63.0	61.8	61.8	62.8	2.0	-1.2	-0.2	1.0	0.8	-1.4	0.8	0.6	-0.4	1.6
	11.5	58.2	58.0	56.4	59.2	60.6	-0.2	-1.6	2.8	1.4	-1.8	1.2	4.2	1.0	2.6	2.4
	12	58.0	56.8	57.0	57.2	61.8	-1.2	0.2	0.2	4.6	-1.0	0.4	4.8	-0.8	5.0	3.8
	12.5	54.4	51.2	52.4	55.8	55.8	-3.2	1.2	3.2	0.2	-2.0	4.4	3.4	1.2	4.6	1.4
	13	58.4	54.2	58.0	57.4	58.0	-2.2	1.8	1.4	0.6	-0.4	3.2	2.0	1.0	3.8	1.6
	13.5	55.8	61.3	57.3	61.0	61.5	5.5	-4.0	3.8	0.5	1.5	-0.3	4.3	5.3	0.3	5.8
	14	47.0	48.8	47.4	48.4	50.4	1.8	-1.2	1.0	2.0	0.4	-0.2	3.0	1.4	1.8	3.4
	14.5	57.0	59.6	58.8	56.6	58.6	2.6	-0.8	-2.2	2.0	1.8	-3.0	-0.2	-0.4	-1.0	1.6
	15	53.2	59.4	57.2	55.0	56.0	8.2	-2.2	-2.2	1.0	4.0	-4.4	-1.2	1.8	-3.4	2.8
	15.5	56.0	56.8	56.2	58.6	56.4	0.8	-0.6	0.4	-0.2	0.2	-0.2	0.2	0.8	-0.4	0.4
13073s	0.5	62.6	58.6	63.4	57.8	60.6	-4.0	4.8	-5.6	2.8	0.8	-0.8	-2.8	-4.8	2.0	-2.0
	1	50.3	51.3	60.0	53.8	56.5	1.0	8.8	-8.3	2.8	9.6	2.5	-3.5	3.5	5.3	6.3
	1.5	47.0	47.8	51.0	50.4	56.8	0.8	3.2	-0.6	6.4	4.0	2.6	5.8	3.4	9.0	9.8
	2	60.0	60.8	66.8	54.3	81.0	0.8	6.0	-12.4	6.7	6.8	-6.4	-5.8	-5.7	0.3	1.0
	2.5	58.8	60.3	65.0	60.0	57.3	1.5	4.8	-5.0	-2.7	6.3	-0.3	-7.7	1.3	-2.9	-1.4
	3	55.6	57.0	59.2	57.8	62.0	1.4	2.2	-1.4	4.2	3.8	0.8	2.8	2.2	5.0	6.4
	3.5	53.6	54.8	57.8	55.8	59.2	1.2	3.0	-2.0	3.4	4.2	1.0	1.4	2.2	4.4	5.6
	4	57.0	55.6	57.6	57.0	60.2	-1.4	2.0	-0.6	3.2	0.6	1.4	2.6	0.0	4.6	3.2
	4.5	50.2	50.2	53.8	53.0	54.8	0.0	3.6	-0.8	1.8	3.6	2.8	1.0	2.8	4.6	4.6
	5	52.2	53.6	61.8	55.4	60.0	1.4	8.2	-6.4	4.6	9.6	1.8	-1.8	3.2	6.4	7.8
	5.5	57.4	60.0	65.2	58.4	60.2	2.6	5.2	-6.8	1.8	7.8	-1.8	-5.0	1.0	0.2	2.8
	6	50.8	51.8	54.0	52.6	52.2	1.0	2.2	-1.4	-0.4	3.2	0.8	-1.8	1.8	0.4	1.4
	6.5	53.4	53.0	55.8	53.0	58.0	-0.4	2.6	-2.6	3.0	2.2	0.0	0.4	-0.4	3.0	2.6
	7	55.0	54.4	56.0	58.2	57.8	-0.6	1.6	0.2	1.6	1.0	1.8	1.8	1.2	3.4	2.8
	7.5	62.8	56.2	58.0	58.0	59.6	-6.6	1.8	0.0	1.6	-4.8	1.8	1.6	-4.8	3.4	-3.2
	8	65.4	61.0	60.4	60.4	66.4	-4.4	-0.6	0.0	6.0	-5.0	-0.6	6.0	-5.0	5.4	1.0
	8.5	61.4	57.4	60.8	80.4	62.0	-4.0	3.4	-0.4	1.6	-0.6	3.0	1.2	-1.0	4.6	0.6
	9	58.0	57.6	59.0	62.2	64.0	-0.4	1.4	3.2	1.8	1.0	4.6	5.0	4.2	6.4	6.0
	9.5	58.6	57.2	60.0	64.4	64.4	-1.4	2.8	4.4	0.0	1.4	7.2	4.4	5.8	7.2	5.8
	10	58.0	54.8	56.6	58.0	60.8	-3.2	1.8	1.4	2.8	-1.4	3.2	4.2	0.0	6.0	2.8
	10.5	63.0	61.0	59.8	62.8	84.8	-2.0	-1.2	3.0	1.8	-3.2	1.8	4.8	-0.2	3.6	1.6

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	98	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
13073s	11	60.6	59.6	56.6	56.4	57.4	-1.0	-3.0	-0.2	1.0	-4.0	-3.2	0.8	-4.2	-2.2	-3.2
	11.5	57.4	53.4	52.8	55.0	59.6	-4.0	-0.6	2.2	4.6	-4.6	1.6	8.8	-2.4	6.2	2.2
	12	60.6	60.6	52.6	52.2	53.8	0.0	-8.0	-0.4	1.6	-8.0	-8.4	1.2	-8.4	-6.8	-6.8
	12.5	55.4	53.6	52.8	52.6	55.8	-1.8	-0.8	-0.2	3.0	-2.6	-1.0	2.8	-2.8	2.0	0.2
	13	54.8	54.2	55.0	58.8	58.4	-0.8	0.8	3.8	-0.4	0.2	4.8	3.4	4.0	4.2	3.6
	13.5	58.0	54.5	55.8	56.0	59.0	-3.5	1.3	2.3	1.0	-2.3	3.5	3.3	0.0	4.5	1.0
	14	50.4	49.4	50.8	53.8	52.8	-1.0	1.4	3.0	-1.0	0.4	4.4	2.0	3.4	3.4	2.4
	14.5	54.2	53.8	59.6	55.6	56.0	-0.6	6.0	-4.0	0.4	5.4	2.0	-3.8	1.4	2.4	1.8
	15	48.2	50.0	55.6	54.2	53.0	1.8	5.8	-1.4	-1.2	7.4	4.2	-2.8	6.0	3.0	4.8
	15.5	51.0	49.6	56.0	54.8	53.0	-1.2	6.2	-1.2	-1.8	5.0	5.0	-3.0	3.8	3.2	2.0
12033n	0	65.6	68.0	70.6	70.8	71.8	2.4	2.6	0.0	1.2	5.0	2.6	1.2	5.0	3.8	6.2
	0.5	64.0	65.0	66.2	68.4	68.8	1.0	1.2	2.2	0.4	2.2	3.4	2.6	4.4	3.8	4.8
	1	61.0	60.8	67.2	66.6	67.8	-0.2	6.4	-0.6	1.2	6.2	5.8	0.8	5.6	7.0	6.8
	1.5	59.2	56.6	63.2	56.8	63.0	-2.6	6.6	-4.4	4.2	4.0	2.2	-0.2	-0.4	6.4	3.8
	2	54.4	55.0	57.4	58.2	63.2	0.6	2.4	0.8	8.0	3.0	3.2	8.8	3.8	11.2	11.8
	2.5	57.8	57.8	60.2	65.2	68.0	0.0	2.4	5.0	0.8	2.4	7.4	5.8	7.4	8.2	8.2
	3	55.8	58.2	60.0	62.4	63.8	2.4	1.8	2.4	1.4	4.2	4.2	3.8	8.6	5.6	8.0
	3.5	57.6	57.8	60.2	65.2	68.0	0.2	2.4	5.0	2.8	2.6	7.4	7.8	7.6	10.2	10.4
	4	55.6	58.0	59.6	61.4	64.0	2.4	1.6	1.8	2.6	4.0	3.4	4.4	5.8	6.0	8.4
	4.5	64.2	65.8	66.6	68.8	69.4	1.6	0.8	2.0	0.6	2.4	2.8	2.8	4.4	3.6	5.2
	5	61.6	63.8	65.5	64.6	69.0	2.2	1.8	-0.9	4.4	3.9	0.8	3.5	3.0	5.3	7.4
	5.5	57.0	58.4	60.8	62.8	61.0	1.4	2.4	2.0	-1.8	3.8	4.4	0.2	5.8	2.6	4.0
	6	50.8	52.2	52.6	55.8	58.0	1.4	0.4	3.2	2.2	1.8	3.6	5.4	5.0	5.8	7.2
	6.5	51.2	53.4	56.8	61.4	58.4	2.2	3.4	4.6	-3.0	5.6	8.0	1.6	10.2	5.0	7.2
	7	49.2	51.8	55.2	61.0	61.6	2.8	3.4	5.8	0.8	6.0	9.2	6.4	11.8	9.8	12.4
	7.5	63.0	63.8	66.4	68.6	68.0	0.8	2.6	2.2	-0.8	3.4	4.8	1.8	5.6	4.2	5.0
	8	64.4	63.6	65.2	65.0	65.8	-0.8	1.6	-0.2	0.8	0.8	1.4	0.6	0.6	2.2	1.4
	8.5	65.8	67.2	69.0	68.4	71.8	1.4	1.8	-0.6	3.4	3.2	1.2	2.8	2.6	4.6	6.0
	9	69.0	69.4	68.8	68.8	70.2	0.4	-0.6	0.0	1.4	-0.2	-0.6	1.4	-0.2	0.8	1.2
	9.5	73.2	73.6	76.8	76.2	78.8	0.4	3.2	-0.6	2.8	3.6	2.6	2.0	3.0	5.2	5.6
	10	70.6	71.6	75.6	74.0	78.0	1.0	4.0	-1.8	4.0	5.0	2.4	2.4	3.4	6.4	7.4
	10.5	54.6	55.4	59.6	57.6	64.8	0.8	4.4	-2.2	7.2	5.2	2.2	5.0	3.0	9.4	10.2
	11	50.0	49.6	52.2	53.2	59.4	-0.4	2.6	1.0	6.2	2.2	3.6	7.2	3.2	9.8	9.4
	11.5	56.3	56.3	57.8	60.3	63.5	0.0	1.5	2.5	3.3	1.5	4.0	5.8	4.0	7.3	7.3
	12	65.0	67.5	85.3	68.3	66.3	2.5	-2.3	3.1	-2.0	0.3	0.8	1.1	3.3	-1.2	1.3
12033s	0	72.0	72.2	74.8	74.4	76.4	0.2	2.8	-0.4	2.0	2.8	2.2	1.6	2.4	4.2	4.4
	0.5	68.0	67.2	68.2	70.0	71.6	-0.8	1.0	1.8	1.6	0.2	2.8	3.4	2.0	4.4	3.6
	1	58.4	61.0	65.6	64.6	64.8	2.6	4.6	-1.0	0.2	7.2	3.6	-0.8	6.2	3.8	6.4
	1.5	51.8	58.2	58.2	61.8	57.8	6.4	0.0	3.6	-4.0	6.4	3.6	-0.4	10.0	-0.4	6.0
	2	54.6	55.8	60.2	59.2	56.6	1.2	4.4	-1.0	-0.6	5.6	3.4	-1.6	4.6	2.8	4.0
	2.5	59.4	58.6	64.2	64.0	62.8	-0.8	5.6	-0.2	-1.2	4.8	5.4	-1.4	4.6	4.2	3.4
	3	51.8	54.0	57.2	57.0	56.4	2.2	3.2	-0.2	-0.6	5.4	3.0	-0.8	5.2	2.4	4.6
	3.5	58.2	61.8	58.4	62.6	62.8	3.6	-3.4	4.2	0.2	0.2	0.8	4.4	4.4	1.0	4.6
	4	54.8	57.8	59.8	59.8	62.0	3.0	2.0	0.0	2.2	5.0	2.0	2.2	5.0	4.2	7.2
	4.5	66.0	66.0	66.4	68.6	67.2	0.0	0.4	2.2	-1.4	0.4	2.6	0.8	2.6	1.2	1.2

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
12033s	5	63.0	64.5	63.8	64.2	65.0	1.5	-0.9	0.6	0.8	0.6	-0.3	1.4	1.2	0.5	2.0
	5.5	55.0	58.2	59.3	61.3	62.0	3.2	1.1	2.0	0.8	4.3	3.1	2.8	6.3	3.8	7.0
	6	53.4	57.2	59.4	61.4	61.2	3.8	2.2	2.0	-0.2	6.0	4.2	1.8	8.0	4.0	7.8
	6.5	55.4	53.4	63.2	84.2	57.6	-2.0	9.8	1.0	-6.6	7.8	10.8	-5.6	8.8	4.2	2.2
	7	55.0	55.6	59.4	59.6	57.4	0.6	3.8	0.2	-2.2	4.4	4.0	-2.0	4.8	1.8	2.4
	7.5	59.0	59.0	66.6	65.0	64.0	0.0	7.6	-1.6	-1.0	7.6	6.0	-2.6	6.0	5.0	5.0
	8	62.2	63.2	67.4	69.6	70.4	1.0	4.2	2.2	0.8	5.2	6.4	3.0	7.4	7.2	8.2
	8.5	62.6	63.0	68.8	67.8	67.4	0.4	5.8	-1.0	-0.4	6.2	4.8	-1.4	5.2	4.4	4.8
	9	64.8	68.4	70.8	72.4	70.4	3.6	2.4	1.6	-2.0	6.0	4.0	-0.4	7.6	2.0	5.6
	9.5	69.2	73.2	73.0	75.0	74.6	4.0	-0.2	2.0	-0.4	3.8	1.8	1.6	5.8	1.4	5.4
	10	60.8	64.0	65.4	70.4	68.4	3.2	1.4	5.0	-2.0	4.6	6.4	3.0	9.8	4.4	7.6
	10.5	55.6	61.0	61.6	67.2	65.8	5.4	0.6	5.6	-1.4	6.0	8.2	4.2	11.8	4.8	10.2
	11	58.6	61.6	64.2	61.6	84.4	3.0	2.6	-2.8	2.8	5.8	0.0	0.2	3.0	2.8	5.8
	11.5	53.0	56.5	60.8	59.8	60.5	3.5	4.3	-1.1	0.8	7.8	3.3	-0.3	6.8	4.0	7.5
	12	55.3	56.8	62.0	56.7	60.0	1.5	5.3	-5.3	3.3	6.8	-0.1	-2.0	1.4	3.3	4.8
12034n	0	74.8	73.0	76.8	75.5	80.6	-1.6	3.8	-1.3	5.1	2.2	2.5	3.8	0.9	7.6	6.0
	0.5	66.8	68.4	69.6	71.6	76.2	1.6	1.2	2.0	4.6	2.8	3.2	6.6	4.8	7.8	9.4
	1	70.4	71.0	72.0	73.6	80.0	0.6	1.0	1.6	6.4	1.6	2.6	8.0	3.2	9.0	9.6
	1.5	65.6	66.6	67.2	70.2	72.2	1.0	0.6	3.0	2.0	1.6	3.8	5.0	4.8	5.6	6.6
	2	57.2	57.4	57.4	60.8	62.2	0.2	0.0	3.4	1.4	0.2	3.4	4.8	3.6	4.8	5.0
	2.5	69.4	70.4	76.4	74.6	73.2	1.0	6.0	-1.8	-1.4	7.0	4.2	-3.2	5.2	2.8	3.8
	3	71.6	73.2	73.8	74.4	74.8	1.6	0.6	0.6	0.2	2.2	1.2	0.8	2.8	1.4	3.0
	3.5	70.4	74.8	77.4	72.8	72.4	4.4	2.6	-4.8	-0.4	7.0	-2.0	-5.0	2.4	-2.4	2.0
	4	71.2	73.0	74.0	78.2	73.4	1.8	1.0	4.2	-4.8	2.8	5.2	-0.8	7.0	0.4	2.2
	4.5	70.8	73.0	76.8	78.0	73.6	2.4	3.8	1.2	-4.4	6.2	5.0	-3.2	7.4	0.6	3.0
	5	74.8	77.4	79.8	77.2	78.6	2.6	2.4	-2.6	-0.6	5.0	-0.2	-3.2	2.4	-0.8	1.8
	5.5	67.8	70.0	71.8	72.4	72.6	2.2	1.8	0.6	0.2	4.0	2.4	0.8	4.6	2.6	4.8
	6	75.4	74.6	76.0	76.6	79.8	-0.8	1.4	0.6	3.2	0.8	2.0	3.6	1.2	5.2	4.4
	6.5	64.8	67.5	73.5	71.0	70.5	2.8	6.0	-2.5	-0.5	8.8	3.5	-3.0	6.3	3.0	5.8
	7	69.4	70.8	71.4	73.2	74.8	1.4	0.6	1.8	1.6	2.0	2.4	3.4	3.8	4.0	5.4
	7.5	65.0	67.8	71.4	71.8	70.2	2.8	3.6	0.4	-1.6	6.4	4.0	-1.2	6.8	2.4	5.2
	8	69.4	74.6	75.6	75.8	71.4	5.2	1.0	0.2	-4.4	6.2	1.2	-4.2	6.4	-3.2	2.0
	8.5	63.0	67.0	69.4	71.2	68.4	4.0	2.4	1.8	-2.8	6.4	4.2	-1.0	6.2	1.4	5.4
	9	62.4	66.4	67.0	66.6	67.4	4.0	0.6	-0.4	0.8	4.6	0.2	0.4	4.2	1.0	5.0
12034s	0	72.4	74.2	73.0	73.0	73.6	1.8	-1.2	0.0	0.6	0.6	-1.2	0.6	0.6	-0.6	1.2
	0.5	68.2	68.4	72.0	72.2	74.2	0.2	3.6	0.2	2.0	3.8	3.8	2.2	4.0	5.8	6.0
	1	62.0	66.4	68.8	68.4	69.2	4.4	2.4	-0.4	0.8	6.8	2.0	0.4	6.4	2.8	7.2
	1.5	57.8	60.8	68.0	66.2	65.0	3.0	7.2	-1.8	-1.2	10.2	5.4	-3.0	8.4	4.2	7.2
	2	67.6	69.2	71.4	73.6	73.4	1.6	2.2	2.2	-0.2	3.8	4.4	2.0	8.0	4.2	5.8
	2.5	66.6	69.2	70.2	69.0	70.4	2.6	1.0	-1.2	1.4	3.6	-0.2	0.2	2.4	1.2	3.8
	3	70.2	72.4	74.0	74.0	75.2	2.2	1.6	0.0	1.2	3.8	1.6	1.2	3.8	2.8	5.0
	3.5	71.4	72.6	77.4		76.8	1.4	4.6			6.0		-0.6		4.0	5.4
	4	71.4	71.8	75.8	71.0	75.4	0.4	4.0	-4.8	4.4	4.4	-0.8	-0.4	-0.4	3.6	4.0
	4.5	68.6	68.8	74.0	71.0	74.0	0.2	5.2	-3.0	3.0	5.4	2.2	0.0	2.4	5.2	5.4
	5	68.0	69.8	73.0	71.0	73.6	1.8	3.2	-2.0	2.6	5.0	1.2	0.6	3.0	3.8	5.6

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	98	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
12034s	5.5	63.8	64.4	67.0	67.6	67.4	0.6	2.6	0.8	-0.2	3.2	3.2	0.4	3.8	3.0	3.6
	6	60.0	60.8	64.2	64.8	65.2	0.6	3.6	0.8	0.4	4.2	4.2	1.0	4.8	4.6	5.2
	6.5	85.3	66.5	74.8	67.3	71.7	1.3	8.3	-7.4	4.3	9.5	0.8	-3.1	2.1	5.2	6.4
	7	64.4	63.0	67.8	66.0	69.8	-1.4	4.8	-1.8	3.6	3.4	3.0	1.8	1.6	8.8	5.2
	7.5	59.4	60.4	67.4	61.2	65.8	1.0	7.0	-6.2	4.8	8.0	0.8	-1.6	1.8	5.4	6.4
	8	55.4	57.8	63.2	58.6	62.0	2.4	5.4	-4.8	3.4	7.8	0.8	-1.2	3.2	4.2	6.6
	8.5	60.0	59.4	65.8	81.6	87.2	-0.8	6.2	-4.0	5.8	5.6	2.2	1.6	1.8	7.8	7.2
	9	62.4	84.4	67.2	64.4	72.4	2.0	2.8	-2.8	8.0	4.8	0.0	5.2	2.0	8.0	10.0
50111e	0	64.0	65.8	64.6	71.8	N.A.	1.8	-1.2	7.2	N.A.	0.8	8.0	N.A.	7.8	N.A.	N.A.
	0.5	65.8	67.2	67.2	69.2	N.A.	1.4	0.0	2.0	N.A.	1.4	2.0	N.A.	3.4	N.A.	N.A.
	1	77.6	76.4	74.8	74.8	N.A.	-1.2	-1.8	-0.2	N.A.	-2.8	-1.8	N.A.	-3.0	N.A.	N.A.
	1.5	70.0	73.0	72.4	73.8	N.A.	3.0	-0.8	1.4	N.A.	2.4	0.8	N.A.	3.8	N.A.	N.A.
	2	72.8	74.0	72.4	73.4	N.A.	1.2	-1.6	1.0	N.A.	-0.4	-0.8	N.A.	0.6	N.A.	N.A.
	2.5	63.4	86.6	85.8	68.6	N.A.	3.2	-0.8	2.8	N.A.	2.4	2.0	N.A.	5.2	N.A.	N.A.
	3	75.2	74.4	78.6	77.2	N.A.	-0.8	4.2	-1.4	N.A.	3.4	2.8	N.A.	2.0	N.A.	N.A.
	3.5	76.0	73.2	78.6	78.6	N.A.	-2.8	5.4	0.0	N.A.	2.6	5.4	N.A.	2.8	N.A.	N.A.
	4	74.8	77.0	77.0	79.0	N.A.	2.2	0.0	2.0	N.A.	2.2	2.0	N.A.	4.2	N.A.	N.A.
	4.5	70.6	73.0	77.8	75.8	N.A.	2.4	4.6	-1.8	N.A.	7.0	2.8	N.A.	5.2	N.A.	N.A.
	5	74.0	78.8	79.3	74.3	N.A.	4.8	0.5	-5.0	N.A.	5.3	-4.5	N.A.	0.3	N.A.	N.A.
	5.5	69.0	72.0	71.3	73.8	N.A.	3.0	-0.8	2.5	N.A.	2.3	1.8	N.A.	4.8	N.A.	N.A.
33035n	0	51.2	53.6	55.2	57.2	57.6	2.4	1.6	2.0	0.4	4.0	3.6	2.4	6.0	4.0	6.4
	0.5	54.8	60.8	64.4	59.6	81.0	6.0	3.8	-4.8	1.4	9.6	-1.2	-3.4	4.8	0.2	6.2
	1	57.0	60.8	82.8	59.8	81.8	3.8	2.0	-3.0	1.8	5.8	-1.0	-1.2	2.8	0.8	4.6
	1.5	69.0	71.8	73.8	75.5	71.5	2.8	2.0	1.8	-4.0	4.8	3.8	-2.3	8.5	-0.3	2.5
	2	60.7	62.2	58.8	59.8	59.8	1.5	-3.4	1.0	0.0	-1.9	-2.4	1.0	-0.9	-2.4	-0.9
	2.5	55.5	60.0	57.5	58.5	58.8	4.5	-2.5	1.0	0.3	2.0	-1.5	1.3	3.0	-1.3	3.3
	3	54.2	56.4	63.0	58.6	57.0	2.2	8.8	-4.4	-1.6	8.8	2.2	-6.0	4.4	0.8	2.8
	3.5	59.8	59.8	60.8	62.4	63.2	0.0	1.0	1.6	0.8	1.0	2.8	2.4	2.6	3.4	3.4
	4	61.5	62.8	63.3	63.0	60.7	1.3	0.5	-0.3	-2.3	1.8	0.3	-2.8	1.5	-2.1	-0.8
	4.5	56.8	61.4	60.4	60.4	60.0	4.6	-1.0	0.0	-0.4	3.6	-1.0	-0.4	3.6	-1.4	3.2
	5	56.6	81.0	65.0	81.2	83.8	4.4	4.0	-3.8	2.4	8.4	0.2	-1.4	4.6	2.6	7.0
	5.5	62.3	64.3	64.8	65.0	66.3	2.0	0.5	0.3	1.3	2.5	0.8	1.5	2.8	2.0	4.0
	6	67.0	69.5	73.0	73.5	71.5	2.5	3.5	0.5	-2.0	6.0	4.0	-1.5	6.5	2.0	4.5
41029n	2	N.A.	76.0	80.5	78.0	73.0	N.A.	4.5	-2.5	-5.0	N.A.	2.0	-7.5	N.A.	-3.0	N.A.
	2.5	N.A.	63.6	65.8	68.0	64.8	N.A.	2.2	2.2	-3.2	N.A.	4.4	-1.0	N.A.	1.2	N.A.
	3	N.A.	62.0	65.0	67.3	66.5	N.A.	3.0	2.3	-0.8	N.A.	5.3	1.5	N.A.	4.5	N.A.
	3.5	N.A.	60.6	64.4	69.0	67.6	N.A.	3.8	4.6	-1.4	N.A.	8.4	3.2	N.A.	7.0	N.A.
	4	N.A.	64.5	65.0	66.0	64.8	N.A.	0.5	1.0	-1.3	N.A.	1.5	-0.3	N.A.	0.3	N.A.
	4.5	N.A.	61.8	61.4	68.8	68.2	N.A.	-0.4	7.4	-2.6	N.A.	7.0	4.8	N.A.	4.4	N.A.
	5	N.A.	61.4	59.0	63.0	66.4	N.A.	-2.4	4.0	3.4	N.A.	1.6	7.4	N.A.	5.0	N.A.
	5.5	N.A.	61.3	63.8	64.0	60.7	N.A.	2.5	0.3	-3.3	N.A.	2.8	-3.1	N.A.	-0.6	N.A.
	6	N.A.	65.8	66.2	86.2	67.4	N.A.	0.4	0.0	1.2	N.A.	0.4	1.2	N.A.	1.6	N.A.
	6.5	N.A.	64.8	68.3	64.3	72.0	N.A.	3.5	-3.9	7.7	N.A.	-0.4	3.8	N.A.	7.3	N.A.
	7	N.A.	55.8	55.7	60.0	67.0	N.A.	-0.1	4.3	7.0	N.A.	4.3	11.3	N.A.	11.3	N.A.
	7.5	N.A.	71.3	72.0	75.5	78.3	N.A.	0.8	3.5	0.8	N.A.	4.3	4.3	N.A.	5.1	N.A.

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	98-95	94-92	95-93	98-94	95-92	96-93	96-92
	8	N.A.	70.3	76.3	63.0	76.0	N.A.	6.0	6.8	-7.0	N.A.	12.8	-0.3	N.A.	5.8	N.A.
	8.5	N.A.	86.0	70.0	71.0	78.7	N.A.	-16.0	1.0	7.7	N.A.	-15.0	8.7	N.A.	-7.3	N.A.
	9	N.A.	75.7	55.0	57.5	88.7	N.A.	-20.7	2.5	9.2	N.A.	-18.2	11.7	N.A.	-9.0	N.A.
41029s	2	N.A.	74.7	76.0	68.5	71.0	N.A.	1.3	-7.5	2.5	N.A.	-6.2	-5.0	N.A.	-3.7	N.A.
	2.5	N.A.	64.0	65.8	67.6	69.6	N.A.	1.8	1.8	2.0	N.A.	3.6	3.8	N.A.	5.6	N.A.
	3	N.A.	60.8	61.3	63.0	59.3	N.A.	0.5	1.8	-3.8	N.A.	2.3	-2.0	N.A.	-1.5	N.A.
	3.5	N.A.	60.6	60.2	62.6	65.2	N.A.	-0.4	2.4	2.6	N.A.	2.0	5.0	N.A.	4.6	N.A.
	4	N.A.	59.3	60.8	60.8	65.0	N.A.	1.5	0.0	4.2	N.A.	1.6	4.3	N.A.	5.8	N.A.
	4.5	N.A.	64.2	63.6	70.0	72.5	N.A.	-0.6	6.4	2.5	N.A.	5.8	8.9	N.A.	8.3	N.A.
	5	N.A.	66.8	64.2	65.8	72.0	N.A.	-2.6	1.6	8.2	N.A.	-1.0	7.8	N.A.	5.2	N.A.
	5.5	N.A.	64.5	64.0	58.5	65.0	N.A.	-0.5	-5.5	6.5	N.A.	-6.0	1.0	N.A.	0.5	N.A.
	6	N.A.	63.0	62.6	64.6	71.6	N.A.	-0.4	2.0	7.0	N.A.	1.8	9.0	N.A.	8.6	N.A.
	6.5	N.A.	62.3	63.3	67.3	65.0	N.A.	1.0	4.1	-2.3	N.A.	5.1	1.8	N.A.	2.8	N.A.
	7	N.A.	49.8	63.3	57.0	60.5	N.A.	13.5	-6.3	3.5	N.A.	7.3	-2.8	N.A.	10.8	N.A.
	7.5	N.A.	48.5	57.8	51.0	53.0	N.A.	9.3	-6.8	2.0	N.A.	2.5	-4.8	N.A.	4.5	N.A.
	8	N.A.	50.6	53.0	53.0	52.4	N.A.	2.4	0.0	-0.6	N.A.	2.4	-0.6	N.A.	1.8	N.A.
	8.5	N.A.	70.3	61.7	74.5	63.0	N.A.	-8.7	12.8	-11.5	N.A.	4.2	1.3	N.A.	-7.3	N.A.
	9	N.A.	59.0	43.3	81.0	61.3	N.A.	-15.7	17.7	0.3	N.A.	2.0	18.0	N.A.	2.3	N.A.
03034n	0	43.8	44.6	43.6	50.2	49.4	0.8	-1.0	8.8	-0.8	-0.2	5.6	5.8	6.4	4.8	5.6
	0.5	48.0	44.0	43.4	43.4	48.8	-4.0	-0.6	0.0	5.4	-4.6	-0.6	5.4	-4.6	4.8	0.8
	1	38.8	41.8	47.8	55.8	53.0	3.0	6.0	8.0	-2.8	9.0	14.0	5.2	17.0	11.2	14.2
	1.5	41.6	48.0	48.6	54.2	53.6	6.4	0.6	5.6	-0.6	7.0	6.2	5.0	12.6	5.6	12.0
	2	50.4	52.2	51.6	60.4	59.6	1.8	-0.6	8.8	-0.8	1.2	8.2	8.0	10.0	7.4	9.2
	2.5	60.4	63.2	67.2	68.6	70.4	2.8	4.0	1.4	1.8	6.8	5.4	3.2	8.2	7.2	10.0
	3	50.4	58.2	56.0	60.2	61.2	7.8	-2.2	4.2	1.0	5.6	2.0	5.2	9.8	3.0	10.8
	3.5	54.0	66.2	67.6	66.6	71.8	12.2	1.4	-1.0	5.2	13.6	0.4	4.2	12.6	5.6	17.8
	4	68.3	72.0	76.8	78.3	75.3	3.8	4.8	-0.4	-1.0	8.5	4.3	-1.4	8.1	3.3	7.1
	4.5	63.3	71.5	71.8	73.7	76.5	8.3	0.3	1.9	2.8	8.5	2.2	4.8	10.4	5.0	13.3
	5	70.0	75.6	71.8	74.4	76.4	5.6	-3.8	2.6	2.0	1.8	-1.2	4.6	4.4	0.8	6.4
	5.5	69.6	71.6	71.4	72.2	74.2	2.0	-0.2	0.8	2.0	1.8	0.6	2.8	2.6	2.6	4.6
	6	66.4	66.8	72.0	71.0	70.8	0.4	5.2	-1.0	-0.2	5.6	4.2	-1.2	4.6	4.0	4.4
	6.5	68.0	69.8	70.0	67.0	15.6	1.8	0.2	-3.0	-51.4	2.0	-2.8	-54.4	-1.0	-54.2	-52.4
03034s	0	34.8	36.6	36.8	39.0	39.8	1.8	0.2	2.2	0.8	2.0	2.4	3.0	4.2	3.2	5.0
	0.5	38.2	44.4	46.6	43.2	50.0	6.2	2.2	-3.4	8.8	8.4	-1.2	3.4	5.0	5.6	11.8
	1	41.8	43.8	44.8	42.4	43.8	2.0	1.0	-2.4	1.4	3.0	-1.4	-1.0	0.6	0.0	2.0
	1.5	46.0	47.6	51.4	53.6	52.0	1.6	3.8	2.2	-1.6	5.4	6.0	0.8	7.6	4.4	6.0
	2	59.8	62.0	58.0	62.0	66.6	2.2	-4.0	4.0	4.6	-1.8	0.0	8.6	2.2	4.6	6.8
	2.5	63.6	65.6	68.2	68.6	69.2	2.0	2.6	0.4	0.6	4.6	3.0	1.0	5.0	3.6	5.8
	3	63.0	68.2	71.8	69.4	68.6	5.2	3.6	-2.4	-0.8	8.8	1.2	-3.2	6.4	0.4	5.6
	3.5	69.6	74.2	72.0	72.8	73.6	4.6	-2.2	0.8	0.8	2.4	-1.4	1.8	3.2	-0.6	4.0
	4	68.8	68.8	69.0	73.7	73.3	0.0	0.3	4.7	-0.3	0.3	4.9	4.3	4.9	4.6	4.6
	4.5	68.5	70.3	71.0	67.0	69.5	3.8	0.8	-4.0	2.5	4.5	-3.3	-1.5	0.5	-0.8	3.0
	5	63.2	59.6	62.4	60.2	60.6	-3.6	2.8	-2.2	0.4	-0.8	0.6	-1.8	-3.0	1.0	-2.6
	5.5	59.4	59.2	63.4	60.4	62.4	-0.2	4.2	-3.0	2.0	4.0	1.2	-1.0	1.0	3.2	3.0
	6	62.2	62.2	63.4	59.4	63.0	0.0	1.2	-4.0	3.6	1.2	-2.8	-0.4	-2.8	0.8	0.8

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
	6.5	64.8	66.6	62.0	64.4	66.2	2.0	-4.6	2.4	1.8	-2.6	-2.2	4.2	-0.2	-0.4	1.6
17034n	0	48.4	47.6	55.8	59.0	57.8	1.2	8.2	3.2	-1.2	9.4	11.4	2.0	12.8	10.2	11.4
	0.5	58.2	58.8	88.4	63.0	63.8	0.6	7.8	-3.4	0.8	8.2	4.2	-2.8	4.8	4.8	5.4
	1	54.6	55.8	54.8	54.0	55.6	1.0	-0.8	-0.6	1.8	0.2	-1.8	1.0	-0.6	0.2	1.2
	1.5	55.4	51.4	52.2	54.6	57.0	-4.0	0.8	2.6	2.2	-3.2	3.4	4.6	-0.6	5.8	1.6
	2	58.0	53.8	54.2	58.8	55.8	-4.4	0.6	4.4	-2.6	-3.6	5.0	1.8	0.6	2.2	-2.2
	2.5	53.6	52.6	51.2	54.0	54.6	-1.0	-1.4	2.6	0.6	-2.4	1.4	3.4	0.4	2.0	1.0
	3	56.2	54.8	54.6	55.4	56.8	-1.4	0.0	0.6	3.4	-1.4	0.6	4.0	-0.8	4.0	2.6
	3.5	51.4	48.8	49.6	51.8	51.2	-2.6	0.6	2.2	-0.8	-1.8	3.0	1.6	0.4	2.4	-0.2
	4	46.8	45.4	47.8	49.2	51.0	-1.4	2.4	1.4	1.8	1.0	3.8	3.2	2.4	5.6	4.2
	4.5	61.8	58.6	59.6	59.6	60.4	-3.0	1.0	0.2	0.6	-2.0	1.2	0.6	-1.8	1.8	-1.2
	5	54.2	52.6	53.6	56.6	53.4	-1.8	1.0	3.0	-3.2	-0.6	4.0	-0.2	2.4	0.6	-0.8
	5.5	51.6	51.0	51.6	55.8	53.4	-0.6	0.6	4.2	-2.4	0.0	4.6	1.6	4.2	2.4	1.8
	6	52.2	52.8	58.6	55.2	53.0	0.6	5.8	-3.4	-2.2	6.4	2.4	-5.6	3.0	0.2	0.8
	6.5	53.4	56.2	58.6	61.0	57.2	2.6	2.6	2.2	-3.6	5.4	4.8	-1.6	7.6	1.0	3.8
	7	57.8	60.6	61.2	63.4	63.8	2.8	0.6	2.2	0.4	3.4	2.6	2.6	5.6	3.2	6.0
	7.5	70.8	68.4	71.4	68.8	68.8	-2.4	3.0	-2.8	0.0	0.6	0.4	-2.6	-2.0	0.4	-2.0
	8	52.6	52.2	58.6	56.4	61.0	-0.4	6.4	-2.2	4.8	6.0	4.2	2.4	3.8	8.8	8.4
	8.5	67.5	64.4	64.8	83.3	N.A.	-3.1	0.4	-1.6	N.A.	-2.7	-1.2	N.A.	-4.3	N.A.	N.A.
17034s	0	46.2	50.0	55.2	57.2	53.8	3.8	5.2	2.0	-3.4	9.0	7.2	-1.4	11.0	3.8	7.6
	0.5	63.0	61.8	66.4	74.2	67.0	-1.2	4.6	7.8	-7.2	3.4	12.4	0.6	11.2	5.2	4.0
	1	51.6	51.8	52.8	54.4	56.4	0.0	1.0	1.6	2.0	1.0	2.6	3.6	2.6	4.6	4.6
	1.5	54.2	53.2	54.8	56.0	57.0	-1.0	1.6	1.2	1.0	0.6	2.6	2.2	1.8	3.8	2.8
	2	59.6	62.4	62.6	63.0	65.8	2.8	0.2	0.4	2.8	3.0	0.6	3.2	3.4	3.4	6.2
	2.5	56.4	55.6	57.2	58.0	56.8	-0.8	1.6	0.6	-1.2	0.8	2.4	-0.4	1.8	1.2	0.4
	3	53.0	58.0	60.0	59.8	60.0	5.0	2.0	-0.2	0.2	7.0	1.8	0.0	6.8	2.0	7.0
	3.5	55.4	55.4	57.2	57.8	60.6	0.0	1.8	0.8	2.8	1.8	2.4	3.4	2.4	5.2	5.2
	4	52.2	54.2	57.6	53.6	54.4	2.0	3.4	-4.0	0.8	5.4	-0.6	-3.2	1.4	0.2	2.2
	4.5	56.6	57.2	58.8	58.6	80.2	0.6	1.6	-0.2	1.8	2.2	1.4	1.4	2.0	3.0	3.6
	5	56.0	55.0	55.8	57.4	59.8	-1.0	0.8	1.8	2.4	-0.2	2.4	4.0	1.4	4.8	3.8
	5.5	52.8	50.8	54.8	53.8	56.2	-2.0	4.0	-1.0	2.4	2.0	3.0	1.4	1.0	5.4	3.4
	6	62.6	63.0	86.6	64.8	66.6	0.4	3.6	-1.8	3.8	4.0	1.8	2.0	2.2	5.6	6.0
	6.5	55.0	56.0	56.8	56.4	57.8	1.0	0.8	1.6	-0.6	1.6	2.4	1.0	3.4	1.6	2.8
	7	55.4	55.8	64.6	63.6	64.8	0.4	8.8	-1.0	1.2	9.2	7.8	0.2	8.2	9.0	9.4
	7.5	66.6	66.0	70.6	75.0	89.8	-0.6	4.6	4.4	-5.2	4.0	9.0	-0.8	8.4	3.6	3.2
	8	55.2	53.4	55.4	58.0	57.2	-1.8	2.0	2.6	-0.8	0.2	4.6	1.8	2.8	3.8	2.0
	8.5	81.2	75.4	74.6	71.7	N.A.	-5.8	-0.8	-2.9	N.A.	-6.6	-3.7	N.A.	-9.5	N.A.	N.A.
03033n	0	52.4	57.4	64.7	57.0	57.0	5.0	7.3	-7.7	0.0	12.3	-0.4	-7.7	4.6	-0.4	4.6
	0.5	59.0	58.2	59.2	60.6	66.2	-0.8	1.0	1.4	5.6	0.2	2.4	7.0	1.6	8.0	7.2
	1	56.4	53.8	56.0	58.2	58.4	-2.6	2.4	2.2	0.2	-0.4	4.6	2.4	1.8	4.8	2.0
	1.5	66.6	65.6	69.4	70.0	66.8	-1.0	3.8	0.6	-3.2	2.6	4.4	-2.8	3.4	1.2	0.2
	2	57.2	59.2	59.6	60.0	61.0	2.0	0.4	0.4	1.0	2.4	0.8	1.4	2.8	1.8	3.8
	2.5	58.3	80.5	57.8	59.3	64.7	2.3	-2.8	1.5	5.4	-0.5	-1.3	6.9	1.0	4.2	6.4
	3	47.2	48.2	56.8	65.6	55.0	1.0	8.6	8.8	-10.6	9.6	17.4	-1.8	18.4	6.8	7.8
	3.5	54.8	53.6	55.2	62.2	60.2	-1.2	1.6	7.0	-2.0	0.4	8.6	5.0	7.4	6.6	5.4

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	98-95	94-92	95-93	96-94	95-92	98-93	96-92
03033n	4	62.8	88.8	71.8	73.8	71.2	6.0	3.0	2.0	-2.6	9.0	5.0	-0.6	11.0	2.4	8.4
	4.5	65.2	72.4	69.4	71.4	71.2	7.2	-3.0	2.0	-0.2	4.2	-1.0	1.8	6.2	-1.2	6.0
	5	71.6	71.4	71.2	72.6	72.6	-0.2	-0.2	1.4	0.0	-0.4	1.2	1.4	1.0	1.2	1.0
	5.5	67.8	69.0	71.4	87.8	70.8	1.4	2.4	-3.6	3.0	3.8	-1.2	-0.6	0.2	1.8	3.2
	8	69.2	69.8	72.0	71.2	71.0	0.6	2.2	-0.8	-0.2	2.8	1.4	-1.0	2.0	1.2	1.8
	6.5	65.2	67.8	70.0	66.6	68.4	2.6	2.2	-3.4	1.8	4.8	-1.2	-1.6	1.4	0.6	3.2
	7	65.0	66.4	67.8	69.8	69.0	1.4	1.4	2.0	-0.8	2.8	3.4	1.2	4.8	2.6	4.0
	7.5	66.8	66.8	70.2	72.4	70.8	0.0	3.4	2.2	-1.6	3.4	5.8	0.6	5.6	4.0	4.0
	8	68.6	89.4	72.8	65.8	72.4	0.8	3.4	-7.0	6.8	4.2	-3.6	-0.4	-2.8	3.0	3.8
	8.5	55.2	57.4	59.8	70.8	65.0	2.2	2.4	11.0	-5.8	4.6	13.4	5.2	15.6	7.6	9.8
	9	66.8	66.6	67.4	66.0	70.0	-0.2	0.8	-1.4	4.0	0.6	-0.8	2.6	-0.8	3.4	3.2
	9.5	54.6	55.2	57.6	60.0	61.8	0.6	2.4	2.4	1.8	3.0	4.8	4.2	5.4	6.6	7.2
	10	54.0	51.0	56.0	63.2	56.6	-3.0	5.0	7.2	-6.6	2.0	12.2	0.6	9.2	5.6	2.6
	10.5	57.6	62.0	59.8	63.8	69.0	4.4	-2.2	4.0	5.2	2.2	1.8	9.2	6.2	7.0	11.4
	11	47.4	52.0	53.6	52.4	81.0	4.6	1.6	-1.2	8.8	8.2	0.4	7.4	5.0	9.0	13.6
	11.5	43.4	51.0	48.6	52.4	56.6	7.6	-2.4	3.8	4.2	5.2	1.4	8.0	9.0	5.6	13.2
	12	45.6	42.6	40.6	51.4	50.4	-3.0	-2.0	10.6	-1.0	-5.0	8.8	9.8	5.8	7.8	4.8
03033s	0.5	N.A.	48.6	47.4	50.0	50.0	N.A.	-1.2	2.6	0.0	N.A.	1.4	2.6	N.A.	1.4	N.A.
	1	N.A.	55.8	59.8	59.0	60.2	N.A.	4.0	-0.6	1.2	N.A.	3.2	0.4	N.A.	4.4	N.A.
	1.5	N.A.	61.6	65.0	63.8	65.4	N.A.	3.4	-1.2	1.6	N.A.	2.2	0.4	N.A.	3.8	N.A.
	2	N.A.	51.4	56.6	56.2	59.8	N.A.	5.2	-0.4	3.6	N.A.	4.6	3.2	N.A.	8.4	N.A.
	2.5	N.A.	59.5	58.0	58.8	54.8	N.A.	-1.5	-1.3	-2.0	N.A.	-2.8	-3.3	N.A.	-4.8	N.A.
	3	N.A.	54.0	53.4	59.2	55.0	N.A.	-0.6	5.8	-4.2	N.A.	5.2	1.6	N.A.	1.0	N.A.
	3.5	N.A.	64.4	60.6	62.6	66.0	N.A.	-3.8	2.0	3.4	N.A.	-1.8	5.4	N.A.	1.6	N.A.
	4	N.A.	53.2	53.4	56.4	55.8	N.A.	0.2	3.0	-0.6	N.A.	3.2	2.4	N.A.	2.6	N.A.
	4.5	N.A.	61.8	60.4	60.6	62.0	N.A.	-1.4	0.2	1.4	N.A.	-1.2	1.6	N.A.	0.2	N.A.
	5	N.A.	61.6	62.2	62.4	63.4	N.A.	0.4	0.2	1.0	N.A.	0.8	1.2	N.A.	1.6	N.A.
	5.5	N.A.	68.6	63.0	64.0	63.8	N.A.	-5.6	1.0	-0.2	N.A.	-4.6	0.6	N.A.	-4.8	N.A.
	6	N.A.	64.0	62.6	66.2	64.8	N.A.	-1.4	3.6	-1.4	N.A.	2.2	2.2	N.A.	0.8	N.A.
	6.5	N.A.	60.0	57.6	62.0	59.6	N.A.	-2.4	4.4	-2.4	N.A.	2.0	2.0	N.A.	-0.4	N.A.
	7	N.A.	63.2	62.6	65.4	66.0	N.A.	-0.8	2.8	0.6	N.A.	2.2	3.4	N.A.	2.8	N.A.
	7.5	N.A.	66.6	63.4	64.6	85.8	N.A.	-3.2	1.2	1.2	N.A.	-2.0	2.4	N.A.	-0.8	N.A.
	8	N.A.	63.6	70.4	70.2	70.0	N.A.	6.8	-0.2	-0.2	N.A.	6.6	-0.4	N.A.	6.4	N.A.
	8.5	N.A.	52.6	55.4	55.6	54.6	N.A.	2.8	0.2	-1.0	N.A.	3.0	-0.8	N.A.	2.0	N.A.
	9	N.A.	54.6	57.8	55.4	60.4	N.A.	3.2	-2.4	5.0	N.A.	0.8	2.6	N.A.	5.8	N.A.
	9.5	N.A.	55.0	60.4	60.0	59.2	N.A.	5.4	-0.4	-0.8	N.A.	5.0	-1.2	N.A.	4.2	N.A.
	10	N.A.	55.0	60.6	64.0	56.6	N.A.	5.6	3.4	-7.2	N.A.	9.0	-3.8	N.A.	1.8	N.A.
	10.5	N.A.	47.0	49.0	50.6	53.0	N.A.	2.0	1.6	2.4	N.A.	3.6	4.0	N.A.	6.0	N.A.
	11	N.A.	46.2	46.2	45.8	48.4	N.A.	0.0	-0.4	0.6	N.A.	-0.4	0.2	N.A.	0.2	N.A.
	11.5	N.A.	47.2	56.4	53.8	58.6	N.A.	9.2	-2.8	2.8	N.A.	8.6	0.2	N.A.	9.4	N.A.
	12	N.A.	36.2	37.4	41.0	41.8	N.A.	1.2	3.6	0.6	N.A.	4.6	4.2	N.A.	5.4	N.A.
39013n	0	64.0	62.6	61.2	60.2	61.6	-1.4	-1.4	-1.0	1.4	-2.8	-2.4	0.4	-3.8	-1.0	-2.4
	0.5	66.0	69.0	60.6	60.6	66.8	3.0	-8.4	0.0	6.2	-5.4	-8.4	6.2	-5.4	-2.2	0.8
	1	59.2	64.8	58.2	59.4	66.4	5.6	-6.6	1.2	7.0	-1.0	-5.4	8.2	0.2	1.6	7.2
	1.5	57.2	59.0	51.8	55.4	80.6	1.8	-7.2	3.6	5.2	-5.4	-3.6	8.8	-1.8	1.6	3.4

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rete
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
39013n	2	82.2	73.4	80.0	62.8	65.6	11.2	-13.4	2.6	3.0	-2.2	-10.8	5.8	0.4	-7.8	3.4
	2.5	83.8	71.2	58.6	65.2	71.2	7.4	-14.8	8.8	6.0	-7.2	-6.0	14.8	1.4	0.0	7.4
	3	81.4	69.4	58.0	62.8	67.6	8.0	-11.4	4.8	5.0	-3.4	-6.8	9.6	1.2	-1.8	6.2
	3.5	60.8	62.2	62.4	59.0	81.8	1.6	0.2	-3.4	2.8	1.8	-3.2	-0.6	-1.6	-0.4	1.2
	4	62.4	67.0	65.0	59.8	64.8	4.6	-2.0	-5.4	5.2	2.6	-7.4	-0.2	-2.8	-2.2	2.4
	4.5	61.2	84.4	67.8	56.8	58.2	3.2	3.4	-11.0	1.4	6.6	-7.6	-9.6	-4.4	-8.2	-3.0
	5	62.8	64.6	82.4	58.6	58.4	1.8	-2.2	-5.8	-0.2	-0.4	-8.0	-6.0	-6.2	-8.2	-6.4
	5.5	59.0	59.8	63.4	58.6	58.2	0.8	3.6	-8.8	1.8	4.4	-3.2	-5.2	-2.4	-1.6	-0.8
	6	60.2	61.8	66.0	59.4	62.8	1.6	4.2	-6.8	3.4	5.8	-2.4	-3.2	-0.8	1.0	2.6
39014n1	0	67.8	72.4	79.4	71.0	73.8	4.8	7.0	-8.4	2.8	11.8	-1.4	-5.6	3.4	1.4	6.2
	0.5	71.8	74.0	75.6	76.6	77.2	2.2	1.6	1.0	0.8	3.8	2.8	1.6	4.8	3.2	5.4
	1	89.2	70.6	76.4	77.8	77.2	1.4	5.8	1.4	-0.8	7.2	7.2	0.8	8.6	8.6	8.0
	1.5	70.2	72.6	69.8	73.8	73.0	2.4	-2.8	4.0	-0.8	-0.4	1.2	3.2	3.6	0.4	2.8
	2	69.8	72.8	74.8	77.2	76.0	3.0	2.0	2.4	-1.2	5.0	4.4	1.2	7.4	3.2	6.2
	2.5	87.5	67.8	73.5	72.5	89.5	0.3	5.8	-1.0	-3.0	6.0	4.8	-4.0	5.0	1.8	2.0
	3	66.6	70.4	68.2	68.5	88.3	3.8	-2.2	-1.7	-0.3	1.6	-3.9	-2.0	-0.1	-4.2	-0.3
	3.5	67.0	71.4	68.8	68.0	69.2	4.4	-2.6	-0.6	1.2	1.8	-3.4	0.4	1.0	-2.2	2.2
50112e	0	77.2	78.0	77.6	79.2	N.A.	0.8	-0.4	1.8	N.A.	0.4	1.2	N.A.	2.0	N.A.	N.A.
	0.5	78.4	76.8	79.0	79.2	N.A.	-1.6	2.2	0.2	N.A.	0.8	2.4	N.A.	0.8	N.A.	N.A.
	1	78.4	79.8	82.0	80.8	N.A.	1.4	2.2	-1.2	N.A.	3.6	1.0	N.A.	2.4	N.A.	N.A.
	1.5	77.6	83.0	84.8	82.8	N.A.	5.4	1.8	-2.0	N.A.	7.2	-0.2	N.A.	5.2	N.A.	N.A.
	2	76.8	78.6	82.2	83.2	N.A.	2.0	3.8	1.0	N.A.	5.6	4.8	N.A.	6.6	N.A.	N.A.
	2.5	79.0	84.2	88.0	86.6	N.A.	5.2	1.6	0.6	N.A.	7.0	2.4	N.A.	7.6	N.A.	N.A.
	3	74.6	78.0	78.4	79.2	N.A.	3.4	0.4	0.8	N.A.	3.8	1.2	N.A.	4.6	N.A.	N.A.
	3.5	73.5	79.0	80.3	76.5	N.A.	5.5	1.3	-3.8	N.A.	6.8	-2.5	N.A.	3.0	N.A.	N.A.
	4	78.2	79.6	79.6	78.0	N.A.	1.4	0.0	-1.6	N.A.	1.4	-1.6	N.A.	-0.2	N.A.	N.A.
	4.5	71.4	74.2	71.8	73.2	N.A.	2.8	-2.4	1.4	N.A.	0.4	-1.0	N.A.	1.8	N.A.	N.A.
	5	73.8	75.4	76.0	72.2	N.A.	1.6	0.6	-3.8	N.A.	2.2	-3.2	N.A.	-1.6	N.A.	N.A.
	5.5	80.4	80.0	81.0	83.0	N.A.	-0.4	1.0	2.0	N.A.	0.6	3.0	N.A.	2.6	N.A.	N.A.
50112w	0	72.8	77.8	76.8	75.4	N.A.	5.0	-1.0	-1.2	N.A.	4.0	-2.2	N.A.	2.8	N.A.	N.A.
	0.5	72.4	77.2	78.2	78.0	N.A.	4.8	1.0	-2.2	N.A.	5.8	-1.2	N.A.	3.6	N.A.	N.A.
	1	78.8	80.8	77.8	78.0	N.A.	1.8	-2.8	0.2	N.A.	-1.0	-2.6	N.A.	-0.8	N.A.	N.A.
	1.5	73.8	73.8	78.2	73.4	N.A.	0.0	4.4	-4.8	N.A.	4.4	-0.4	N.A.	-0.4	N.A.	N.A.
	2	69.4	74.6	73.8	73.4	N.A.	5.2	-1.0	-0.2	N.A.	4.2	-1.2	N.A.	4.0	N.A.	N.A.
	2.5	70.6	74.8	77.4	72.0	N.A.	4.2	2.6	-5.4	N.A.	6.8	-2.8	N.A.	1.4	N.A.	N.A.
	3	75.8	77.0	78.8	77.8	N.A.	1.2	1.8	-1.0	N.A.	3.0	0.8	N.A.	2.0	N.A.	N.A.
	3.5	79.5	83.8	82.0	80.8	N.A.	4.3	-1.8	-1.3	N.A.	2.5	-3.0	N.A.	1.3	N.A.	N.A.
	4	75.0	82.0	82.2	78.6	N.A.	7.0	0.2	-3.8	N.A.	7.2	-3.4	N.A.	3.6	N.A.	N.A.
	4.5	75.4	77.2	80.0	74.4	N.A.	1.8	2.8	-5.6	N.A.	4.6	-2.8	N.A.	-1.0	N.A.	N.A.
	5	75.4	76.8	78.6	77.0	N.A.	1.4	-0.2	0.4	N.A.	1.2	0.2	N.A.	1.6	N.A.	N.A.
	5.5	83.4	86.4	83.6	85.8	N.A.	3.0	-2.8	2.2	N.A.	0.2	-0.6	N.A.	2.4	N.A.	N.A.
39014n2	4.5	70.8	73.4	76.2	71.2	72.4	2.8	2.8	-5.0	1.2	5.6	-2.2	-3.8	0.6	-1.0	1.8
	5	69.8	73.0	73.2	69.6	69.0	3.2	0.2	-3.6	-0.8	3.4	-3.4	-4.2	-0.2	-4.0	-0.8
	5.5	70.0	68.2	71.2	66.4	71.0	-1.8	3.0	-4.8	4.8	1.2	-1.8	-0.2	-3.6	2.8	1.0
	6	65.0	64.2	68.4	60.6	64.6	-0.8	4.2	-7.8	4.0	3.4	-3.6	-3.8	-4.4	0.4	-0.4

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
39014n2	6.5	62.8	63.2	66.8	82.2	66.4	0.4	3.8	-4.6	4.2	4.0	-1.0	-0.4	-0.8	3.2	3.6
	7	67.0	70.6	69.6	66.0	67.4	3.6	-1.0	-3.6	1.4	2.6	-4.6	-2.2	-1.0	-3.2	0.4
	7.5	59.4	62.2	60.4	58.6	60.2	2.8	-1.8	-1.8	1.6	1.0	-3.6	-0.2	-0.8	-2.0	0.8
	8	67.4	68.6	69.4	68.0	69.2	1.2	0.8	-1.4	1.2	2.0	-0.6	-0.2	0.6	0.6	1.8
	8.5	57.8	57.6	59.8	57.2	59.6	-0.2	2.2	-2.8	2.4	2.0	-0.4	-0.2	-0.6	2.0	1.8
	9	53.6	57.0	56.6	59.2	58.8	3.4	-0.4	2.6	-0.4	3.0	2.2	2.2	5.6	1.8	5.2
	9.5	60.5	66.8	65.5	62.7	59.7	6.3	-1.3	-2.8	-3.0	5.0	-4.1	-5.8	2.2	-7.1	-0.8
	10	60.8	62.0	83.4	66.8	86.8	1.2	1.4	3.4	0.0	2.6	4.8	3.4	6.0	4.8	6.0
	10.5	66.4	68.4	73.8	68.6	71.6	2.0	5.4	-5.2	3.0	7.4	0.2	-2.2	2.2	3.2	5.2
	11	61.4	60.0	62.8	62.6	62.8	-1.4	2.8	-0.2	0.2	1.4	2.6	0.0	1.2	2.8	1.4
	11.5	64.6	67.4	66.2	63.8	65.2	2.8	-1.2	-2.4	1.4	1.6	-3.6	-1.0	-0.6	-2.2	0.6
	12	59.0	63.2	62.4	59.4	62.0	4.2	-0.8	-3.0	2.8	3.4	-3.8	-0.4	0.4	-1.2	3.0
	12.5	63.8	63.6	66.0	62.2	65.0	-0.2	2.4	-3.8	2.8	2.2	-1.4	-1.0	-1.8	1.4	1.2
23152e	0	64.8	66.5	65.0	67.0	67.0	1.8	-1.5	2.0	0.0	0.3	0.5	2.0	2.3	0.5	2.3
	0.5	65.0	71.8	65.4	71.8	71.6	6.8	-6.4	6.4	-0.2	0.4	0.0	6.2	6.8	-0.2	6.6
	1	64.0	68.4	64.0	74.4	71.6	4.4	-4.4	10.4	-2.8	0.0	6.0	7.6	10.4	3.2	7.6
	1.5	64.5	72.3	67.3	75.8	76.3	7.8	-5.0	8.5	0.5	2.8	3.5	9.0	11.3	4.0	11.8
	2	66.4	65.8	70.0	66.3	66.5	-0.6	4.2	-3.8	0.3	3.6	0.5	-3.5	-0.2	0.7	0.1
	2.5	55.6	55.2	54.6	58.0	61.0	-0.4	-0.6	3.4	3.0	-1.0	2.8	6.4	2.4	5.8	5.4
	3	54.6	59.6	55.6	61.6	62.8	5.0	-4.0	6.0	1.2	1.0	2.0	7.2	7.0	3.2	8.2
	3.5	51.4	55.2	56.0	61.4	63.4	3.8	0.6	5.4	2.0	4.6	6.2	7.4	10.0	8.2	12.0
	4	56.2	60.0	59.0	70.6	72.8	3.8	-1.0	11.6	2.2	2.8	10.6	13.8	14.4	12.8	16.6
	4.5	52.0	59.0	53.0	63.6	70.4	7.0	-6.0	10.6	6.8	1.0	4.6	17.4	11.6	11.4	18.4
	5	53.2	54.6	52.4	57.4	64.2	1.4	-2.2	5.0	6.8	-0.8	2.8	11.8	4.2	9.6	11.0
	5.5	56.8	58.0	59.0	80.8	65.6	1.2	1.0	1.8	4.8	2.2	2.8	6.6	4.0	7.6	8.8
	6	50.3	49.7	53.3	55.7	60.7	-0.7	3.7	2.3	5.0	3.0	6.0	7.3	5.3	11.0	10.3
23152w	0	64.0	65.8	67.3	70.3	70.5	1.8	1.5	3.1	0.2	3.3	4.6	3.3	6.3	4.8	6.5
	0.5	63.0	65.8	66.8	68.6	73.8	2.8	1.0	1.8	5.2	3.8	2.8	7.0	5.6	8.0	10.8
	1	61.6	61.0	64.0	65.6	72.6	-0.6	3.0	1.6	7.0	2.4	4.6	8.6	4.0	11.6	11.0
	1.5	59.3	N.A.	64.3	73.3	73.3	N.A.	N.A.	9.0	0.0	5.0	N.A.	9.0	14.0	N.A.	14.0
	2	63.0	N.A.	71.4	71.8	75.3	N.A.	N.A.	0.3	3.5	8.4	N.A.	3.8	8.8	N.A.	12.3
	2.5	66.2	68.0	67.6	70.6	71.8	1.8	-0.4	3.0	1.2	1.4	2.6	4.2	4.4	3.8	5.6
	3	60.4	61.6	55.8	59.4	63.8	1.2	-5.8	3.6	4.4	-4.6	-2.2	8.0	-1.0	2.2	3.4
	3.5	60.8	61.4	63.4	69.6	73.6	0.8	2.0	6.2	4.0	2.7	8.2	10.2	8.8	12.2	12.9
	4	44.8	53.2	56.2	57.2	60.4	8.4	3.0	1.0	3.2	11.4	4.0	4.2	12.4	7.2	15.6
	4.5	49.8	55.8	54.0	57.4	58.2	6.0	-1.8	3.4	0.8	4.2	1.6	4.2	7.6	2.4	8.4
	5	56.6	59.2	58.6	59.8	63.4	2.6	-0.6	1.2	3.6	2.0	0.6	4.8	3.2	4.2	6.8
	5.5	65.6	60.3	60.3	59.8	62.8	-5.3	0.0	-0.5	3.1	-5.3	-0.5	2.6	-5.8	2.6	-2.8
	6	51.7	59.0	59.5	54.5	54.7	7.3	0.5	-5.0	0.2	7.8	-4.5	-4.8	2.8	-4.3	3.0
47066e	0	66.5	68.5	69.3	72.3	74.3	2.0	0.8	3.0	2.0	2.8	3.8	5.0	5.8	5.8	7.8
	0.5	57.6	59.4	62.4	66.0	70.0	1.8	3.0	3.8	4.0	4.8	6.6	7.6	8.4	10.6	12.4
	1	52.2	54.6	56.2	56.8	62.2	2.4	1.6	0.6	5.4	4.0	2.2	6.0	4.6	7.6	10.0
	1.5	58.0	60.8	62.2	65.6	74.6	2.8	1.4	3.4	9.0	4.2	4.8	12.4	7.6	13.8	16.6
	2	56.4	58.6	64.2	65.6	72.0	2.2	5.6	1.4	8.4	7.6	7.0	7.8	9.2	13.4	15.6
	2.5	55.8	58.4	62.0	60.2	66.2	2.6	3.6	-1.8	6.0	6.2	1.8	4.2	4.4	7.8	10.4

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	98-93	96-92
47066e	3	56.5	59.0	80.5	60.3	63.0	2.5	1.5	-0.3	2.6	4.0	1.3	2.5	3.8	4.0	6.5
	3.5	62.6	63.6	63.8	66.2	69.4	1.0	0.2	2.4	3.2	1.2	2.6	5.6	3.6	5.8	6.8
	4	69.0	69.2	71.4	73.4	76.6	0.2	2.2	2.0	3.2	2.4	4.2	5.2	4.4	7.4	7.6
	4.5	60.0	62.4	62.4	64.6	65.6	2.4	0.0	2.2	1.0	2.4	2.2	3.2	4.6	3.2	5.6
	5	56.0	59.0	59.2	60.4	62.8	3.0	0.2	1.2	2.4	3.2	1.4	3.6	4.4	3.8	6.8
	5.5	52.6	55.6	55.8	59.0	62.0	3.0	0.2	3.2	3.0	3.2	3.4	6.2	8.4	6.4	9.4
	6	55.6	57.8	59.0	83.8	69.6	2.2	1.2	4.6	6.0	3.4	5.8	10.6	8.0	11.8	14.0
	6.5	59.2	61.2	62.4	64.4	68.8	2.0	1.2	2.0	4.4	3.2	3.2	6.4	5.2	7.6	9.6
	7	62.6	63.8	65.2	66.6	68.4	1.2	1.4	1.4	1.8	2.6	2.8	3.2	4.0	4.6	5.8
	7.5	59.2	62.0	61.2	63.2	64.4	2.8	-0.8	2.0	1.2	2.0	1.2	3.2	4.0	2.4	5.2
	8	68.6	68.8	71.0	72.0	75.0	0.2	2.2	1.0	3.0	2.4	3.2	4.0	3.4	6.2	6.4
47066w	0	62.5	69.3	66.8	72.0	75.8	6.8	-2.5	5.3	3.8	4.3	2.8	9.0	9.5	6.5	13.3
	0.5	60.8	64.0	60.8	64.4	66.8	3.2	-3.2	3.6	2.4	0.0	0.4	6.0	3.8	2.8	6.0
	1	59.0	56.6	59.2	59.8	64.2	-2.4	2.6	0.6	4.4	0.2	3.2	5.0	0.8	7.6	5.2
	1.5	54.8	56.0	58.4	59.0	63.8	1.2	2.4	0.6	4.8	3.6	3.0	5.4	4.2	7.8	9.0
	2	66.2	66.8	70.0	71.0	73.6	0.6	3.2	1.0	2.6	3.8	4.2	3.6	4.8	6.8	7.4
	2.5	62.4	64.2	65.6	65.8	73.0	1.8	1.4	0.2	7.2	3.2	1.6	7.4	3.4	8.8	10.6
	3	63.5	67.8	68.0	67.8	68.5	4.3	0.3	-0.3	0.8	4.5	0.0	0.5	4.3	0.8	5.0
	3.5	66.0	66.6	72.4	71.2	71.2	0.6	5.8	-1.2	0.0	6.4	4.6	-1.2	5.2	4.6	5.2
	4	63.2	65.4	69.0	71.4	70.8	2.2	3.6	2.4	-0.6	5.8	6.0	1.8	8.2	5.4	7.6
	4.5	61.8	63.6	84.6	66.2	67.8	1.8	1.0	1.6	1.6	2.8	2.6	3.2	4.4	4.2	6.0
	5	57.2	60.2	83.8	62.0	66.6	3.0	3.6	-1.8	4.6	6.6	1.8	2.8	4.8	6.4	9.4
	5.5	55.8	58.0	59.6	59.6	61.4	2.2	1.6	0.0	1.8	3.8	1.6	1.8	3.8	3.4	5.6
	6	60.8	64.8	66.4	87.0	68.2	4.0	1.6	0.6	1.2	5.6	2.2	1.8	6.2	3.4	7.4
	6.5	61.2	64.8	68.2	66.2	67.4	3.6	3.4	-2.0	1.2	7.0	1.4	-0.8	5.0	2.6	6.2
	7	60.8	63.4	65.0	65.2	67.8	2.6	1.6	0.2	2.6	4.2	1.8	2.8	4.4	4.4	7.0
	7.5	59.6	63.0	68.4	67.2	68.4	3.4	5.4	-1.2	1.2	8.8	4.2	0.0	7.6	5.4	8.8
	8	63.5	65.2	66.8	67.2	69.2	1.7	1.6	0.4	2.0	3.3	2.0	2.4	3.7	4.0	5.7
81076n	0	83.0	88.0	88.6	85.8	89.4	5.0	0.6	-2.8	3.6	5.6	-2.2	0.8	2.8	1.4	6.4
	0.5	77.6	80.6	78.8	78.2	77.4	3.0	-1.8	-0.6	-0.8	1.2	-2.4	-1.4	0.6	-3.2	-0.2
	1	79.2	82.0	85.0	82.8	83.8	2.8	3.0	-2.2	1.0	5.8	0.8	-1.2	3.6	1.8	4.6
	1.5	79.4	81.8	82.8	82.0	83.6	2.4	1.0	-0.8	1.6	3.4	0.2	0.8	2.6	1.8	4.2
	2	77.4	78.2	81.2	79.6	80.4	0.8	3.0	-1.6	0.8	3.8	1.4	-0.8	2.2	2.2	3.0
	2.5	78.2	80.0	81.4	76.4	80.6	1.8	1.4	-5.0	4.2	3.2	-3.6	-0.8	-1.8	0.6	2.4
	3	74.8	80.0	79.4	77.4	79.0	5.2	-0.6	-2.0	1.6	4.8	-2.6	-0.4	2.6	-1.0	4.2
	3.5	73.0	80.4	77.4	80.6	o1.6	7.4	-3.0	3.2	1.0	4.4	0.2	4.2	7.6	1.2	8.6
	4	72.2	77.0	77.0	77.2	74.2	4.8	0.0	0.2	-3.0	4.8	0.2	-2.8	5.0	-2.8	2.0
	4.5	85.2	85.2	83.2	85.8	81.6	0.0	-2.0	2.6	-4.2	-2.0	0.6	-1.6	0.6	-3.6	-3.6
	5	92.2	89.0	85.6	90.2	91.2	-3.2	-3.4	4.6	1.0	-6.6	1.2	5.6	-2.0	2.2	-1.0
	5.5	76.8	83.2	79.6	82.0	80.4	8.4	-3.6	2.4	-1.6	2.8	-1.2	0.8	5.2	-2.8	3.6
	6	73.4	79.4	80.0	79.6	80.0	6.0	0.6	-0.4	0.4	6.6	0.2	0.0	6.2	0.6	6.6
81076s	0	83.2	78.8	83.8	78.6	82.6	-4.4	5.0	-5.2	4.0	0.6	-0.2	-1.2	-4.6	3.8	-0.6
	0.5	59.8	64.8	71.4	67.6	71.0	5.0	6.6	-3.8	3.4	11.6	2.8	-0.4	7.8	6.2	11.2
	1	68.0	70.4	71.8	69.2	72.8	2.4	1.4	-2.6	3.6	3.8	-1.2	1.0	1.2	2.4	4.8
	1.5	64.0	72.4	73.6	68.2	75.0	8.4	1.2	-5.4	8.8	9.8	-4.2	1.4	4.2	2.6	11.0

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
81076s	2	69.2	81.2	80.2	75.4	79.4	12.0	-1.0	-4.8	4.0	11.0	-5.8	-0.8	6.2	-1.8	10.2
	2.5	72.4	76.6	78.2	76.4	78.8	4.2	1.6	-1.8	2.2	5.8	-0.2	0.4	4.0	2.0	6.2
	3	73.0	73.0	73.2	68.6	71.6	0.0	0.2	-4.6	3.0	0.2	-4.4	-1.6	-4.4	-1.4	-1.4
	3.5	68.6	75.4	73.4	72.0	73.0	6.8	-2.0	-1.4	1.0	4.8	-3.4	-0.4	3.4	-2.4	4.4
	4	66.2	71.2	76.4	70.8	74.0	5.0	5.2	-5.8	3.2	10.2	-0.4	-2.4	4.6	2.8	7.8
	4.5	72.2	72.0	75.8	77.2	79.6	-0.2	3.8	1.4	2.4	3.8	5.2	3.8	5.0	7.6	7.4
	5	74.4	75.0	81.2	77.0	88.0	0.6	6.2	-4.2	11.0	6.8	2.0	6.8	2.6	13.0	13.6
	5.5	78.8	76.2	75.4	75.4	80.6	-0.6	-0.8	0.0	5.2	-1.4	-0.8	5.2	-1.4	4.4	3.8
	6	73.6	77.0	80.8	78.8	81.2	3.4	3.8	-2.0	2.4	7.2	1.8	0.4	5.2	4.2	7.6
19043n	5	50.6	N.A.	50.2	53.2	55.0	N.A.	N.A.	3.0	1.8	-0.4	N.A.	4.8	2.6	N.A.	4.4
	5.5	50.8	N.A.	54.6	58.4	57.0	N.A.	N.A.	3.8	-1.4	3.8	N.A.	2.4	7.6	N.A.	6.2
	6	56.2	N.A.	48.0	54.0	60.2	N.A.	N.A.	6.0	6.2	-8.2	N.A.	12.2	-2.2	N.A.	4.0
	6.5	47.4	N.A.	48.0	56.8	52.0	N.A.	N.A.	8.8	-4.8	0.8	N.A.	4.0	9.4	N.A.	4.6
	7	47.0	N.A.	48.2	54.2	58.8	N.A.	N.A.	8.0	4.6	-0.8	N.A.	12.6	7.2	N.A.	11.8
	7.5	50.2	N.A.	45.4	52.0	56.6	N.A.	N.A.	6.6	4.6	-4.8	N.A.	11.2	1.8	N.A.	6.4
19043s	5	49.6	54.6	53.4	55.4	55.4	5.0	-1.2	2.0	0.0	3.8	0.8	2.0	5.8	0.8	5.8
	5.5	51.8	50.4	50.8	57.8	53.6	-1.4	0.4	6.8	-4.0	-1.0	7.2	2.8	5.8	3.2	1.8
	6	45.4	47.6	46.2	50.0	50.0	2.2	-1.4	3.8	0.0	0.8	2.4	3.8	4.6	2.4	4.6
	6.5	49.0	49.6	50.0	58.8	51.7	0.6	0.4	8.8	-7.1	1.0	9.2	1.7	9.8	2.1	2.7
	7	53.0	55.0	55.3	55.0	54.5	2.0	0.3	-0.3	-0.5	2.3	0.0	-0.8	2.0	-0.5	1.5
	7.5	48.8	51.2	51.6	52.6	54.6	2.4	0.4	1.0	2.0	2.8	1.4	3.0	3.8	3.4	5.8
21022e	6.5	66.4	67.0	69.2	69.6	73.2	0.6	2.2	0.4	3.6	2.8	2.6	4.0	3.2	6.2	8.8
	7	57.2	55.8	59.8	57.8	61.8	-1.4	4.0	-2.0	4.0	2.6	2.0	2.0	0.6	6.0	4.6
	7.5	62.8	55.0	59.8	82.0	58.4	-7.8	4.6	2.4	-5.6	-3.2	7.0	-3.2	-0.8	1.4	-6.4
	8	75.4	67.2	77.2	75.4	73.2	-8.2	10.0	-1.8	-2.2	1.8	8.2	-4.0	0.0	6.0	-2.2
21022w	6.5	62.0	63.2	66.4	64.2	63.6	1.2	3.2	-2.2	-0.6	4.4	1.0	-2.8	2.2	0.4	1.6
	7	58.0	55.6	60.0	58.8	61.2	-2.4	4.4	-1.2	2.4	2.0	3.2	1.2	0.8	5.6	3.2
	7.5	52.2	52.0	53.8	55.6	53.2	-0.2	1.8	1.8	-2.4	1.8	3.8	-0.6	3.4	1.2	1.0
	8	78.4	71.0	70.8	67.2	75.0	-7.4	-0.2	-3.6	7.8	-7.6	-3.8	4.2	-11.2	4.0	-3.4
25132n2	7	49.2	44.0	50.8	49.4	59.4	-5.2	6.8	-1.4	10.0	1.6	5.4	8.6	0.2	15.4	10.2
	7.5	47.6	47.4	48.4	50.6	55.6	-0.2	1.0	2.2	5.0	0.8	3.2	7.2	3.0	8.2	8.0
	8	56.3	55.0	56.5	45.0	53.0	-1.3	1.5	-11.5	8.0	0.3	-10.0	-3.5	-11.3	-2.0	-3.3
	8.5	64.0	68.0	67.3	61.5	61.0	4.0	-0.7	-5.8	-0.5	3.3	-6.5	-6.3	-2.5	-7.0	-3.0
	9	49.8	55.3	53.5	50.8	55.5	5.5	-1.8	-2.8	4.8	3.8	-4.5	2.0	1.0	0.3	5.8
	9.5	51.7	55.0	51.7	54.7	56.3	3.3	-3.3	3.0	1.7	0.0	-0.3	4.7	3.0	1.3	4.7
	10	58.8	53.5	55.8	49.0	54.5	-5.3	2.3	-6.8	5.5	-3.0	-4.5	-1.3	-9.8	1.0	-4.3
	10.5	53.0	52.3	56.5	52.8	59.3	-0.8	4.3	-3.8	6.6	3.5	0.5	2.8	-0.3	7.1	6.3
	11	51.8	50.6	52.0	53.2	57.6	-1.2	1.4	1.2	4.4	0.2	2.6	5.6	1.4	7.0	5.8
	11.5	59.6	56.4	59.4	59.4	62.4	-3.2	3.0	0.0	3.0	-0.2	3.0	3.0	-0.2	6.0	2.8
	12	59.6	59.2	60.6	62.6	69.6	-0.4	1.4	2.0	7.0	1.0	3.4	9.0	3.0	10.4	10.0
	12.5	53.6	51.2	51.0	55.6	57.0	-2.4	-0.2	4.6	1.4	-2.8	4.4	6.0	2.0	5.8	3.4
33172n	0	57.0	55.8	55.4	57.0	57.4	-1.2	-0.4	1.6	0.4	-1.8	1.2	2.0	0.0	1.6	0.4
	0.5	56.0	56.6	58.6	59.6	58.6	0.6	0.0	3.0	-1.0	0.6	3.0	2.0	3.6	2.0	2.6
	1	57.2	57.4	57.6	59.6	59.8	0.2	0.2	2.0	0.2	0.4	2.2	2.2	2.4	2.4	2.6
	1.5	53.8	54.6	56.2	57.4	61.8	0.8	1.8	1.2	4.4	2.4	2.8	5.8	3.6	7.2	8.0

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
33172s	0	59.8	58.0	58.4	58.4	61.0	-1.6	0.4	0.0	2.6	-1.4	0.4	2.6	-1.4	3.0	1.2
	0.5	52.2	53.4	54.6	57.0	56.8	1.2	1.2	2.4	-0.2	2.4	3.6	2.2	4.8	3.4	4.6
	1	55.6	56.0	55.4	62.2	58.6	0.4	-0.6	6.8	-3.6	-0.2	6.2	3.2	6.6	2.6	3.0
	1.5	61.0	62.0	60.6	61.6	63.0	1.0	-1.4	1.0	1.4	-0.4	-0.4	2.4	0.6	1.0	2.0
39022w	4.5	44.8	48.0	50.8	50.6	54.2	3.2	2.6	0.0	3.8	5.6	2.6	3.8	5.6	6.2	9.4
	5	46.4	51.4	50.8	50.2	53.8	5.0	-0.6	-0.6	3.4	4.4	-1.2	2.8	3.6	2.2	7.2
	5.5	49.4	49.6	55.2	49.6	54.8	0.2	5.6	-5.6	5.2	5.8	0.0	-0.4	0.2	5.2	5.4
	6	50.8	50.6	52.0	51.0	53.2	-0.2	1.4	-1.0	2.2	1.2	0.4	1.2	0.2	2.6	2.4
	6.5	48.2	52.2	52.0	51.6	53.4	4.0	-0.2	-0.4	1.8	3.6	-0.6	1.4	3.4	1.2	5.2
	7	53.2	54.6	54.6	59.4	59.6	1.4	0.0	4.8	0.2	1.4	4.6	5.0	6.2	5.0	6.4
	7.5	57.0	62.0	65.8	84.4	72.4	5.0	3.8	-1.4	8.0	8.8	2.4	6.6	7.4	10.4	15.4
	8	53.2	56.4	59.0	61.0	63.0	3.2	2.6	2.0	2.0	5.6	4.6	4.0	7.8	6.6	9.8
	8.5	58.6	55.6	59.2	60.4	65.0	-1.0	3.8	1.2	4.6	2.6	4.6	5.8	3.8	9.4	8.4
	9	49.0	53.2	57.0	61.8	63.2	4.2	3.6	4.8	1.4	6.0	6.6	6.2	12.8	10.0	14.2
	9.5	45.6	52.6	56.4	61.6	67.4	7.0	5.8	3.2	5.6	12.8	9.0	9.0	16.0	14.8	21.8
	10	52.0	56.0	59.4	62.6	64.2	4.0	3.4	3.2	1.6	7.4	6.6	4.8	10.6	8.2	12.2
	10.5	51.0	59.2	66.6	68.4	74.4	8.2	7.4	-0.2	6.0	15.6	7.2	7.8	15.4	15.2	23.4
	11	43.8	50.8	48.0	48.5	52.5	7.0	-2.8	0.5	4.0	4.3	-2.3	4.5	4.8	1.8	8.8
49025n	8.5	62.6	55.8	51.2	52.2	51.0	-6.6	-4.6	1.0	-1.2	-11.4	-3.6	-0.2	-10.4	-4.6	-11.6
	9	48.0	49.4	46.2	50.2	47.4	1.4	-3.2	4.0	-2.6	-1.8	0.8	1.2	2.2	-2.0	-0.6
	9.5	46.6	46.6	44.8	48.5	45.8	0.0	-1.6	3.7	-2.7	-1.8	1.9	1.0	1.9	-0.8	-0.8
	10	58.2	55.6	53.6	56.4	55.6	-0.6	-2.0	2.8	-0.8	-2.6	0.8	2.0	0.2	0.0	-0.6
	10.5	64.6	65.6	61.6	61.8	64.4	1.0	-3.8	0.0	2.6	-2.8	-3.8	2.6	-2.8	-1.2	-0.2
	11	54.8	58.8	57.0	56.8	60.2	4.0	-1.8	-0.2	3.4	2.2	-2.0	3.2	2.0	1.4	5.4
	11.5	42.0	41.8	43.6	46.6	50.2	-0.2	1.8	3.0	3.6	1.6	4.8	6.6	4.6	8.4	8.2
	12	42.0	44.5	N.A.	45.0	49.3	2.5	N.A.	N.A.	4.3	N.A.	0.5	N.A.	3.0	4.8	7.3
	12.5	50.3	43.8	45.3	51.3	53.8	-6.5	1.5	6.0	2.5	-5.0	7.5	8.5	1.0	10.0	3.5
	13	39.8	37.8	39.4	41.4	41.8	-1.8	1.6	2.0	0.4	-0.2	3.6	2.4	1.8	4.0	2.2
	13.5	41.0	40.0	40.0	42.6	44.2	-1.0	0.0	2.6	1.6	-1.0	2.6	4.2	1.6	4.2	3.2
	14	42.0	40.4	43.0	45.2	43.2	-1.6	2.6	2.2	-2.0	1.0	4.8	0.2	3.2	2.8	1.2
	14.5	47.2	47.2	47.8	47.8	49.4	0.0	0.4	0.2	1.6	0.4	0.6	1.8	0.6	2.2	2.2
	15	49.4	47.0	51.8	48.4	50.8	-2.4	4.8	-3.4	2.4	2.4	1.4	-1.0	-1.0	3.8	1.4
	15.5	40.8	41.8	42.8	45.8	47.4	1.0	1.0	3.0	1.6	2.0	4.0	4.6	5.0	5.6	6.6
	18	35.6	37.2	34.8	37.2	37.6	1.4	-2.4	2.4	0.4	-1.0	0.0	2.6	1.4	0.4	1.8
	16.5	39.0	41.4	41.2	43.6	41.8	2.4	-0.2	2.4	-1.8	2.2	2.2	0.6	4.8	0.4	2.8
	17	42.8	43.2	43.0	47.0	44.6	0.4	-0.2	4.0	-2.4	0.2	3.8	1.6	4.2	1.4	1.8
	17.5	37.8	38.2	37.0	40.4	40.0	0.4	-1.2	3.4	-0.4	-0.8	2.2	3.0	2.6	1.8	2.2
	18	42.0	44.2	44.0	41.6	40.2	2.2	-0.2	-2.4	-1.4	2.0	-2.6	-3.8	-0.4	-4.0	-1.8
	18.5	34.8	37.8	38.2	39.8	37.6	2.8	0.6	1.6	-2.2	3.4	2.2	-0.8	5.0	0.0	2.8
	19	42.4	40.6	43.4	46.6	44.0	-1.8	2.6	3.2	-2.6	1.0	6.0	0.8	4.2	3.4	1.6
	19.5	50.0	52.0	53.2	53.6	52.0	2.0	1.2	0.6	-1.6	3.2	1.8	-1.2	3.8	0.0	2.0
	20	51.8	58.4	52.2	55.2	49.6	6.6	-6.2	3.0	-5.6	0.4	-3.2	-2.6	3.4	-8.8	-2.2
	20.5	50.2	52.0	59.0	59.0	49.8	1.8	7.0	0.0	-9.2	8.8	7.0	-9.2	8.8	-2.2	-0.4
	21	45.5	45.5	49.0	49.0	40.3	0.0	3.5	0.0	-8.7	3.5	3.5	-8.7	3.5	-5.2	-5.2
	21.5	48.4	47.6	50.6	49.0	48.8	-0.8	3.0	-1.6	-0.2	2.2	1.4	-1.8	0.6	1.2	0.4

RQI Increase Rate for Rigid Pavements (Continued)

CS	M.P.	RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
		92	93	94	95	96	93-92	94-93	95-94	96-95	94-92	95-93	96-94	95-92	96-93	96-92
49025n	22	36.6	39.2	42.6	40.2	36.4	2.6	3.4	-2.4	-3.8	6.0	1.0	-6.2	3.6	-2.8	-0.2
	22.5	37.4	40.6	45.4	45.6	40.2	3.2	4.8	0.2	-5.4	8.0	5.0	-5.2	8.2	-0.4	2.8
	23	43.6	44.2	49.6	49.8	45.2	0.4	5.4	0.2	-4.6	5.8	5.6	-4.4	6.0	1.0	1.4
	23.5	54.8	48.0	52.2	55.6	49.4	-6.8	4.2	3.4	-6.2	-2.6	7.6	-2.8	0.6	1.4	-5.4
	24	54.0	48.4	60.8	51.8	46.8	-5.6	12.4	-9.0	-5.0	6.8	3.4	-14.0	-2.2	-1.6	-7.2
	24.5	49.8	46.8	54.2	50.6	45.8	-3.0	7.4	-3.6	-4.8	4.4	3.6	-8.4	0.8	-1.0	-4.0
49025s	8.5	47.6	48.2	46.6	45.4	48.0	0.6	-1.6	-1.2	2.6	-1.0	-2.8	1.4	-2.2	-0.2	0.4
	9	48.8	45.8	47.4	49.6	50.0	-3.0	1.6	2.2	0.4	-1.4	3.8	2.6	0.8	4.2	1.2
	9.5	46.6	43.4	43.6	48.0	48.2	-3.2	0.2	4.4	0.2	-3.0	4.6	4.6	1.4	4.6	1.6
	10	48.8	55.4	49.4	48.8	50.4	6.6	-6.0	-0.6	1.6	0.6	-6.6	1.0	0.0	-5.0	1.6
	10.5	50.4	52.8	49.4	48.2	47.4	2.4	-3.4	-1.2	-0.8	-1.0	-4.6	-2.0	-2.2	-5.4	-3.0
	11	60.6	59.8	61.0	61.2	62.8	-0.8	1.2	0.2	1.6	0.4	1.4	1.8	0.6	3.0	2.2
	11.5	52.8	51.2	52.2	53.0	53.4	-1.6	1.0	0.8	0.4	-0.6	1.8	1.2	0.2	2.2	0.6
	12	51.0	52.8	53.8	59.0	59.2	1.8	1.0	5.3	0.2	2.8	6.3	5.5	8.0	6.5	8.2
	12.5	51.0	49.5	50.3	51.3	50.0	-1.5	0.8	1.0	-1.3	-0.8	1.8	-0.3	0.3	0.5	-1.0
	13	50.2	48.4	50.8	49.8	51.5	-1.8	2.4	-1.0	1.7	0.6	1.4	0.7	-0.4	3.1	1.3
	13.5	42.0	41.8	42.2	44.2	47.0	-0.4	0.8	2.0	2.8	0.2	2.6	4.8	2.2	5.4	5.0
	14	43.2	42.8	44.4	44.6	46.4	-0.4	1.6	0.2	1.8	1.2	1.8	2.0	1.4	3.6	3.2
	14.5	52.2	50.0	51.6	51.6	53.2	-2.2	1.6	0.0	1.6	-0.6	1.6	1.6	-0.6	3.2	1.0
	15	50.6	50.2	52.0	55.0	56.8	-0.4	1.8	3.0	1.8	1.4	4.8	4.8	4.4	6.6	6.2
	15.5	44.2	45.2	48.4	47.8	50.0	1.0	3.2	-0.6	2.2	4.2	2.6	1.6	3.6	4.6	5.6
	16	36.2	36.0	36.8	39.0	41.0	-0.2	0.8	2.2	2.0	0.6	3.0	4.2	2.6	5.0	4.6
	16.5	36.4	34.4	39.6	43.4	40.4	-2.0	5.2	3.8	-3.0	3.2	9.0	0.8	7.0	6.0	4.0
	17	44.2	45.0	45.4	52.8	48.6	0.8	0.4	7.4	-4.2	1.2	7.8	3.2	8.6	3.6	4.4
	17.5	41.2	42.6	44.2	50.8	45.4	1.4	1.6	6.6	-5.4	3.0	8.2	1.2	9.6	2.8	4.2
	18	37.0	38.0	39.0	42.8	42.2	1.0	1.0	3.6	-0.4	2.0	4.6	3.2	5.6	4.2	5.2
	18.5	37.0	41.4	43.6	41.8	44.0	4.4	2.2	-1.8	2.2	6.6	0.4	0.4	4.8	2.6	7.0
	19	39.4	43.0	45.8	49.4	53.2	3.6	2.8	3.6	3.8	6.4	6.4	7.4	10.0	10.2	13.6
	19.5	48.6	52.6	54.2	51.0	57.0	4.0	1.6	-3.2	6.0	5.6	-1.6	2.8	2.4	4.4	8.4
	20	48.0	52.2	52.8	57.4	58.0	4.2	0.6	4.6	0.6	4.8	5.2	5.2	9.4	5.8	10.0
	20.5	44.0	46.4	51.2	52.6	54.0	2.4	4.8	1.4	1.4	7.2	6.2	2.8	8.6	7.6	10.0
	21	49.3	58.3	53.3	52.3	52.0	9.0	-5.0	-0.9	-0.3	4.0	-5.9	-1.3	3.1	-6.3	2.8
	21.5	36.2	41.6	39.4	44.8	45.0	5.4	-2.2	5.4	0.2	3.2	3.2	5.6	6.6	3.4	8.8
	22	33.0	37.2	39.0	44.8	41.4	4.2	1.8	5.8	-3.4	6.0	7.6	2.4	11.8	4.2	8.4
	22.5	35.2	37.4	40.2	49.6	43.6	2.2	2.8	9.4	-6.0	5.0	12.2	3.4	14.4	6.2	8.4
	23	38.6	39.2	40.4	49.0	42.4	0.6	1.2	8.6	-6.6	1.8	9.8	2.0	10.4	3.2	3.8
	23.5	46.0	45.8	45.4	50.2	47.6	-0.2	-0.4	4.8	-2.6	-0.6	4.4	2.2	4.2	1.8	1.6
	24	50.4	51.2	53.6	56.8	55.6	0.8	2.4	3.2	-1.2	3.2	5.6	2.0	6.4	4.4	5.2
	24.5	47.6	50.2	53.2	54.6	54.0	2.6	3.0	1.4	-0.6	5.6	4.4	0.8	7.0	3.8	6.4
63031n	4.5	61.4	63.0	65.0	64.8	62.8	1.6	2.0	-0.3	-2.0	3.6	1.6	-2.2	3.4	-0.2	1.4
	5	78.6	78.2	79.2	78.2	76.3	-0.4	1.0	-1.0	-2.0	0.6	0.0	-3.0	-0.4	-2.0	-2.3
	5.5	66.4	73.4	70.8	68.0	73.4	7.0	-2.6	-2.8	5.4	4.4	-5.4	2.6	1.6	0.0	7.0
	6	67.0	64.0	69.6	70.8	73.8	-3.0	5.6	1.2	3.0	2.6	6.8	4.2	3.8	9.8	6.8
	7.5	73.6	72.6	77.0	78.2	63.6	-1.0	4.4	1.2	5.4	3.4	5.6	6.6	4.6	11.0	10.0
	8	70.4	70.4	73.2	75.0	76.4	0.0	2.8	1.8	1.4	2.8	4.6	3.2	4.6	6.0	6.0

RQI Increase Rate for Rigid Pavements (Continued)

		RQI					1 year Increase Rate				2 Year Increase Rate			3 Year Increase Rate		4Year Increase Rate
CS	M.P.	92	93	94	95	98	93-92	94-93	95-94	96-95	94-92	95-93	98-94	95-92	96-93	96-92
63031n	9	61.2	62.2	62.4	63.4	61.0	1.0	0.2	1.0	-2.4	1.2	1.2	-1.4	2.2	-1.2	-0.2
	10	70.0	75.4	77.2	76.0	77.6	5.4	1.8	0.8	-0.4	7.2	2.8	0.4	8.0	2.2	7.8
	10.5	72.0	73.6	60.0	77.8	76.5	1.6	6.4	-2.2	-1.3	8.0	4.2	-3.5	5.8	2.9	4.5
63111n	0	59.6	59.2	60.2	61.4	60.6	-0.4	1.0	1.2	-0.8	0.6	2.2	0.4	1.8	1.4	1.0
	0.5	71.0	73.4	73.0	77.2	72.4	2.4	-0.4	4.2	-4.8	2.0	3.8	-0.6	6.2	-1.0	1.4
	1	62.3	70.0	72.6	72.0	70.3	7.8	2.8	-0.8	-1.8	10.6	2.0	-2.6	9.8	0.3	8.0
64016n	0	N.A.	58.0	56.0	58.0	61.4	N.A.	-2.0	2.0	3.4	N.A.	0.0	5.4	N.A.	3.4	N.A.
	0.5	N.A.	47.6	47.0	50.0	51.8	N.A.	-0.6	3.0	1.8	N.A.	2.4	4.8	N.A.	4.2	N.A.
	1	N.A.	59.4	57.8	59.4	64.4	N.A.	-1.6	1.6	5.0	N.A.	0.0	6.6	N.A.	5.0	N.A.
	1.5	N.A.	63.8	67.0	66.7	64.3	N.A.	3.2	-0.3	-2.4	N.A.	2.9	-2.8	N.A.	0.5	N.A.
	2	N.A.	73.6	72.2	73.4	74.8	N.A.	-1.4	1.2	1.4	N.A.	-0.2	2.6	N.A.	1.2	N.A.
70023e	4.5	N.A.	58.2	61.0	59.8	62.0	N.A.	2.8	-1.4	2.4	N.A.	1.4	1.0	N.A.	3.8	N.A.
	5	N.A.	61.4	61.4	64.8	64.4	N.A.	0.0	3.4	-0.4	N.A.	3.4	3.0	N.A.	3.0	N.A.
80024e'	0	56.6	62.6	62.2	67.6	70.2	8.0	-0.4	5.4	2.6	5.8	5.0	8.0	11.0	7.6	13.8
	0.5	63.8	68.2	71.0	72.4	78.2	4.4	2.8	1.4	3.8	7.2	4.2	5.2	8.6	8.0	12.4
	1	66.6	72.2	73.6	75.8	79.2	5.6	1.4	2.2	3.4	7.0	3.6	5.8	9.2	7.0	12.6
	1.5	65.6	70.8	72.4	74.2	79.2	5.2	1.6	1.8	5.0	6.8	3.4	6.8	8.6	8.4	13.6
	2	67.6	71.6	74.4	75.8	79.0	4.0	2.8	1.4	3.2	6.8	4.2	4.8	8.2	7.4	11.4
	2.5	61.6	70.6	72.4	72.8	77.4	9.0	1.8	0.4	4.6	10.8	2.2	5.0	11.2	6.8	15.8
	3	77.3	78.3	76.5	80.3	83.8	1.0	-1.8	3.8	3.5	-0.8	2.0	7.3	3.0	5.5	6.5
	3.5	72.0	78.6	78.6	82.2	85.8	6.6	0.0	3.6	3.8	8.8	3.6	7.2	10.2	7.2	13.8
	4	62.4	69.0	71.2	74.8	79.2	6.6	2.2	3.4	4.8	8.8	5.8	8.0	12.2	10.2	16.8
	4.5	66.8	72.6	75.4	77.4	79.6	5.8	2.8	2.0	2.2	8.6	4.8	4.2	10.6	7.0	12.8
82061w	9	75.0	N.A.	79.6	81.0	79.2	N.A.	N.A.	1.4	-1.8	4.8	N.A.	-0.4	6.0	N.A.	4.2
	9.5	74.2	N.A.	76.2	73.3	78.2	N.A.	N.A.	-3.0	5.0	2.0	N.A.	2.0	-1.0	N.A.	4.0
	10	66.4	N.A.	76.6	70.4	71.0	N.A.	N.A.	-6.2	0.6	10.2	N.A.	-5.6	4.0	N.A.	4.6
	10.5	63.5	N.A.	65.8	89.0	69.0	N.A.	N.A.	3.2	0.0	2.3	N.A.	3.2	5.5	N.A.	5.5

APPENDIX G
Correlating Roughness, DI and DL

- Correlation between Axle Load
  - Coefficient of Correlation for Axle Load Compared with a Reference Axle Load G-1
  - Coefficient of Correlation for Axle Load of 5-Axle Semi-Trailer Compared with Second Axle Load G-2
  - Coefficient of Correlation for Truck Load Compared with Aggregate Truck Load G-3
- DI-RQI Profile (10 Projects) G-4
- DI-RQI-IRI Trend with Time (10 Projects) G-14
- DP-DL Spatial Repeatability (10 Projects) G-24

Coefficient of Correlation between Various Axle Loads and the Reference Axle Load

Pavement Section	2-axle truck		3-axle truck			5-axle semi-trailer				
	Axle#1	Axle#2	Axle#1	Axle#2	Axle#3	Axle#1	Axle#2	Axle#3	Axle#4	Axle#5
11017-95 (MP. 2.6-2.7)	0.55	0.73	0.36	0.76	0.81	0.45	1.00	0.86	0.16	0.17
(MP. 3.6-3.7)	0.63	0.66	0.56	0.86	0.84	0.57	1.00	0.87	0.00	-0.15
(MP. 5.4-5.5)	0.39	0.81	0.16	0.72	0.59	0.37	1.00	0.76	0.28	0.29
09101-95 (MP. 1.6-1.7)	0.44	0.63	0.18	0.62	0.39	0.29	1.00	0.70	0.46	0.21
(MP. 2.3-2.4)	0.44	0.58	0.28	0.73	0.52	0.21	1.00	0.69	0.35	0.01
(MP. 3.1-3.2)	0.48	0.69	0.31	0.68	0.38	0.31	1.00	0.66	0.53	0.24
(MP. 5.0-5.1)	0.58	0.78	0.29	0.77	0.58	0.35	1.00	0.76	0.44	0.35
38101-95 (MP. 0.1-0.2)	0.57	0.77	0.35	0.78	0.65	0.49	1.00	0.84	0.25	0.15
(MP. 1.0-1.1)	0.44	0.60	0.19	0.73	0.52	0.30	1.00	0.68	0.26	-0.10
(MP. 4.4-4.5)	0.53	0.75	0.39	0.75	0.60	0.43	1.00	0.74	0.36	0.19
(MP. 5.3-5.4)	0.52	0.78	0.40	0.82	0.74	0.48	1.00	0.82	0.15	0.13
Average	0.51	0.71	0.32	0.75	0.60	0.39	1.00	0.76	0.30	0.13

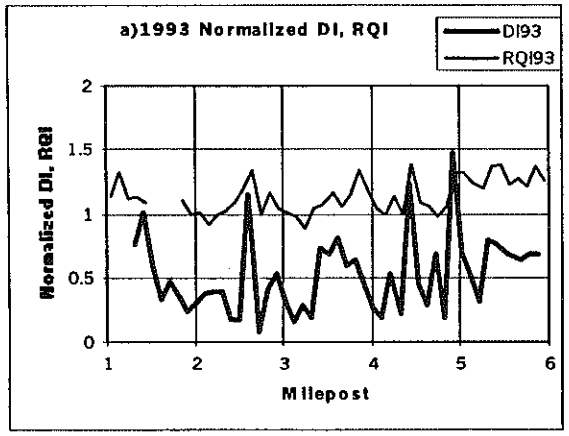
Coefficient of Correlation between Aggregate Axle Load of Different Trucks and the 2nd Axle Load of 5-Axle Semi-Trailer

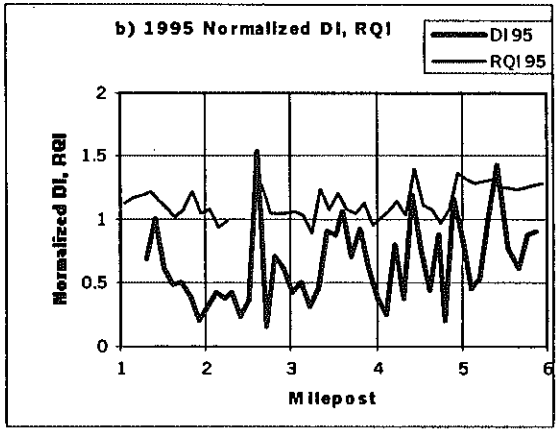
Pavement Section	2-Axle Truck	3-Axle Truck	5-Axle Trailer	Aggregate Load	Axle#2 of Semi-Trailer
11017-95 (MP. 2.6-2.7)	0.72	0.78	0.76	0.84	1.00
(MP. 3.6-3.7)	0.68	0.86	0.66	0.81	1.00
(MP. 5.4-5.5)	0.79	0.63	0.79	0.84	1.00
09101-95 (MP. 1.6-1.7)	0.60	0.51	0.74	0.74	1.00
(MP. 2.3-2.4)	0.56	0.64	0.66	0.71	1.00
(MP. 3.1-3.2)	0.65	0.57	0.75	0.76	1.00
(MP. 5.0-5.1)	0.76	0.69	0.83	0.87	1.00
38101-95 (MP. 0.1-0.2)	0.77	0.71	0.75	0.83	1.00
(MP. 1.0-1.1)	0.58	0.61	0.62	0.68	1.00
(MP. 4.4-4.5)	0.74	0.69	0.76	0.82	1.00
(MP. 5.3-5.4)	0.78	0.79	0.75	0.85	1.00
Average	0.69	0.68	0.73	0.80	1.00

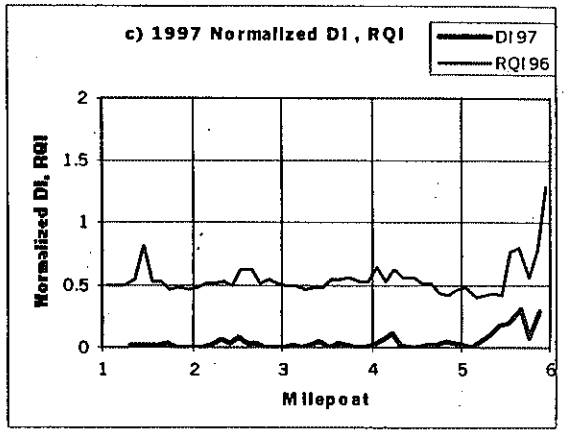
Coefficient of Correlation between Aggregate Axle Loads of Each Truck and Aggregate Axle Load from All Trucks

Pavement Section	2-Axle Truck	3-Axle Truck	5-Axle Trailer	**All Trucks**
11017-95 (MP. 2.6-2.7)	0.89	0.86	0.94	1.00
(MP. 3.6-3.7)	0.89	0.84	0.93	1.00
(MP. 5.4-5.5)	0.90	0.78	0.95	1.00
09101-95 (MP. 1.6-1.7)	0.88	0.72	0.96	1.00
(MP. 2.3-2.4)	0.90	0.73	0.96	1.00
(MP. 3.1-3.2)	0.92	0.73	0.97	1.00
(MP. 5.0-5.1)	0.91	0.74	0.97	1.00
38101-95 (MP. 0.1-0.2)	0.90	0.77	0.95	1.00
(MP. 1.0-1.1)	0.88	0.75	0.95	1.00
(MP. 4.4-4.5)	0.89	0.77	0.95	1.00
(MP. 5.3-5.4)	0.90	0.81	0.95	1.00
Average	0.90	0.77	0.95	1.00

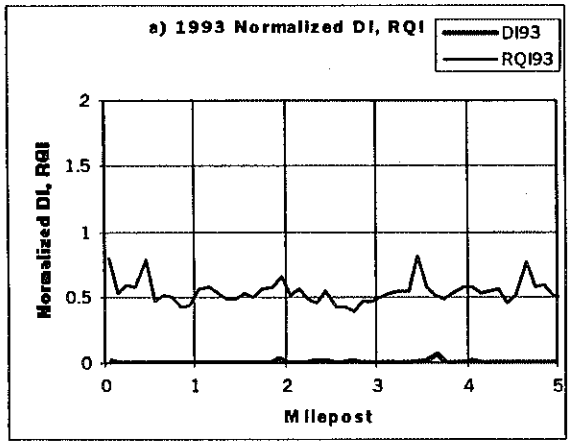
Distress and Roughness Profile along the Project Length for EB I-94 (CS 11017)

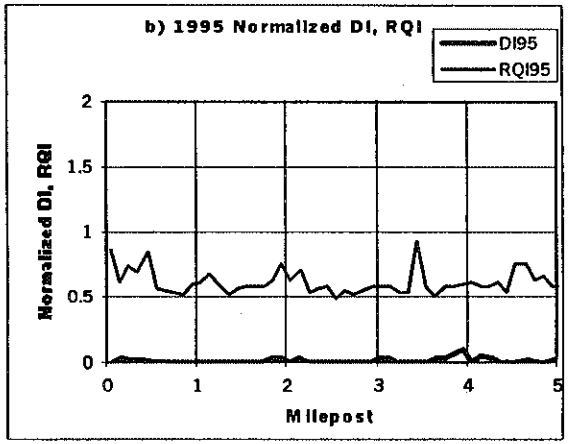


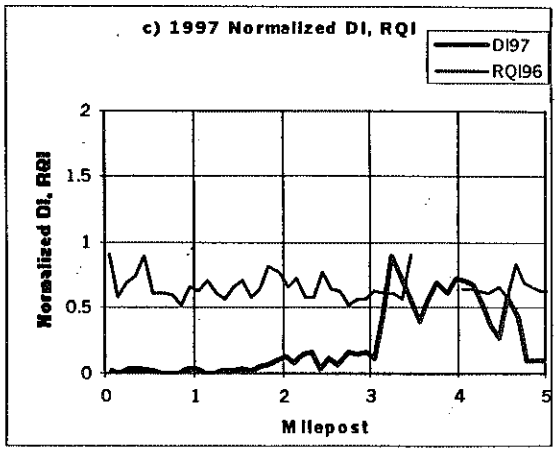




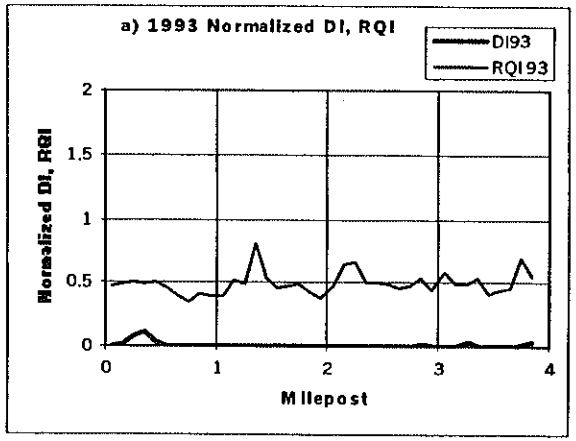
Distress and Roughness Profile along the Project Length for NB I-69 (CS 23063)

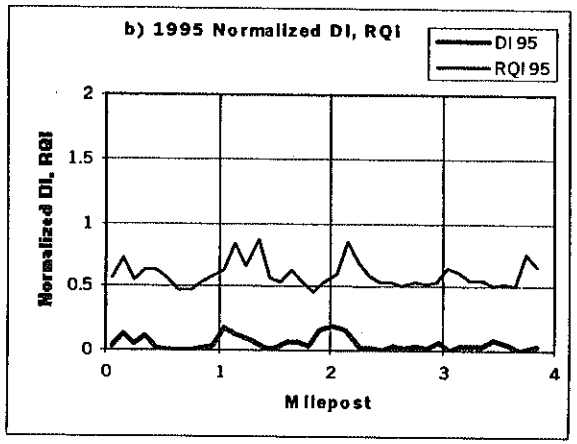


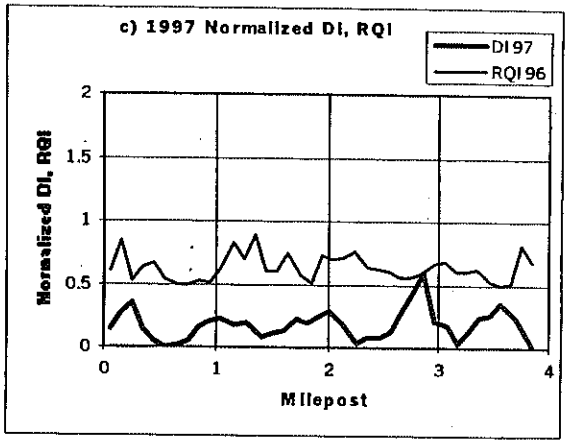




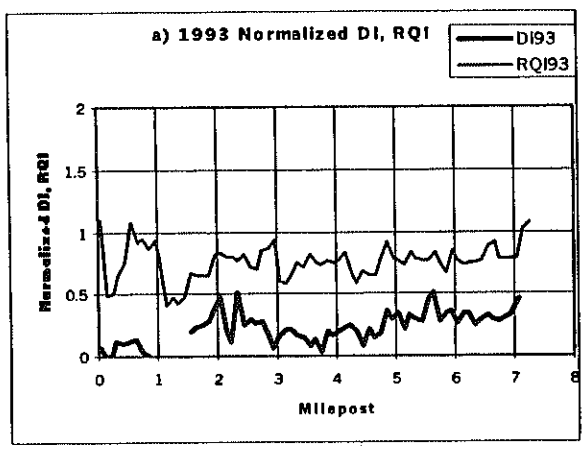
Distress and Roughness Profile along the Project Length for EB I-69 (CS 76024)

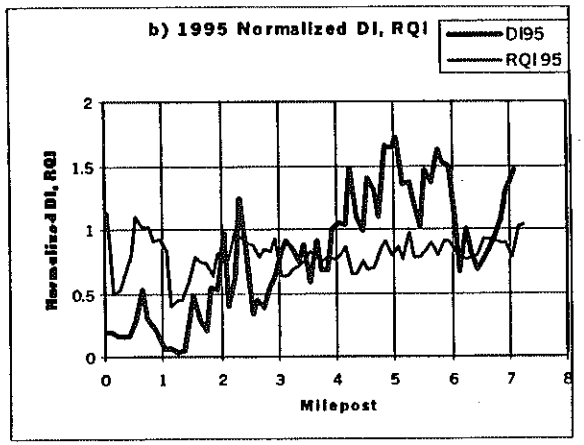


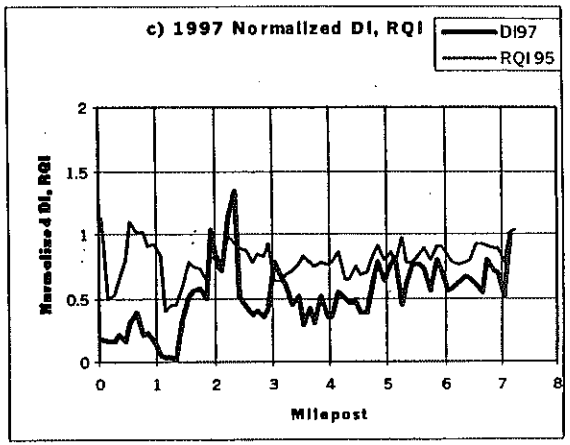




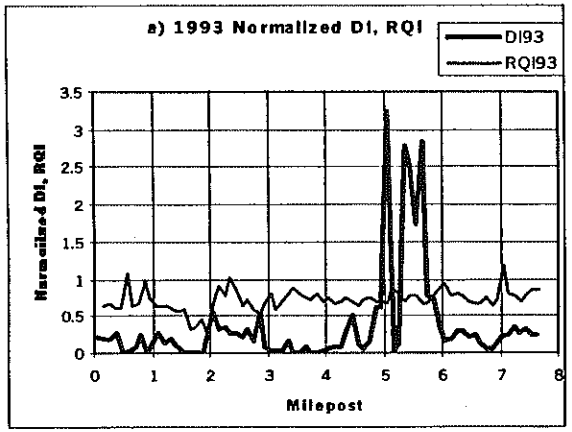
Distress and Roughness Profile along the Project Length for EB US-10 (CS 18024)

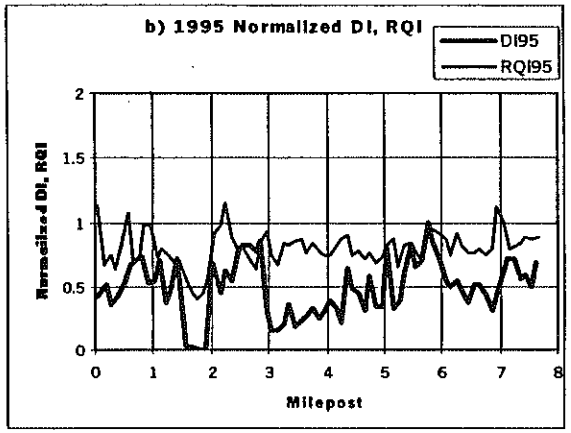


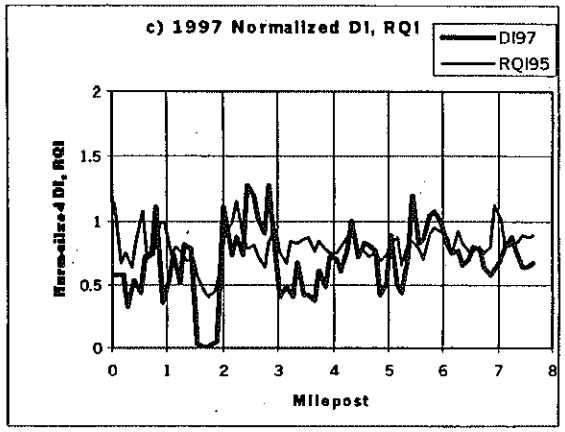




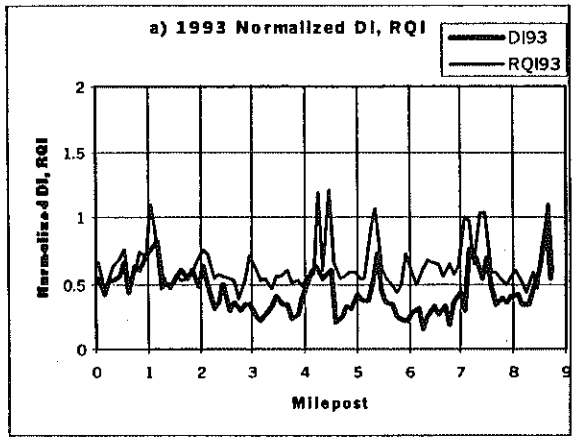
Distress and Roughness Profile along the Project Length for WB US-10 (CS 18024)

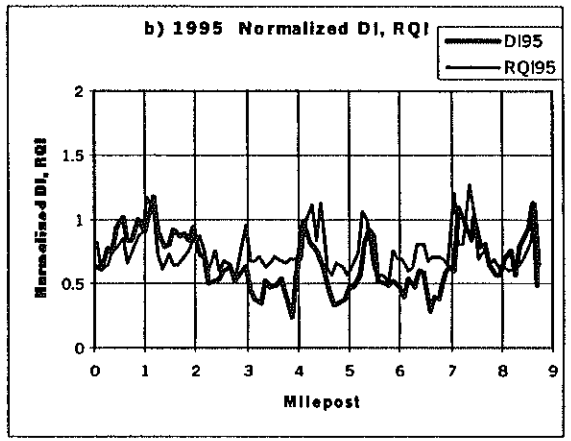


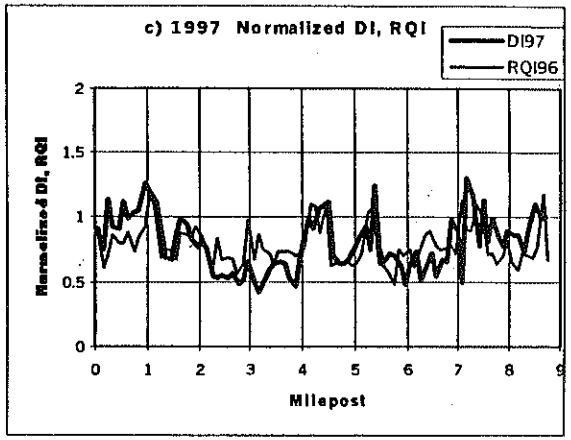




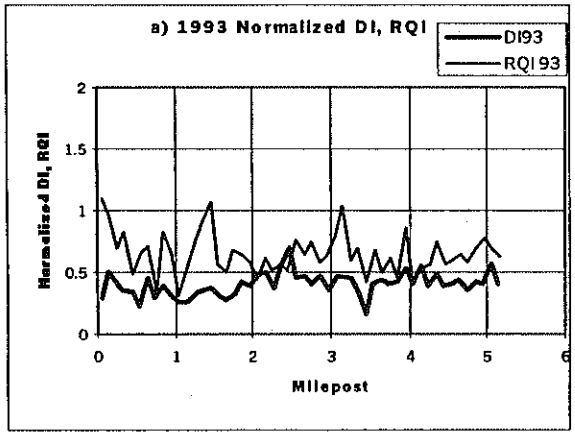
Distress and Roughness Profile along the Project Length for EB I-94 (CS 38101)

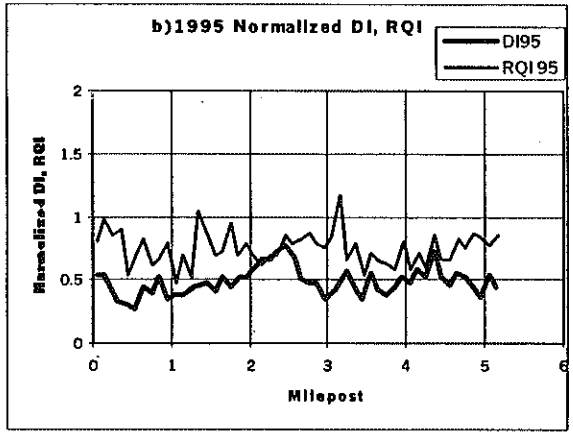


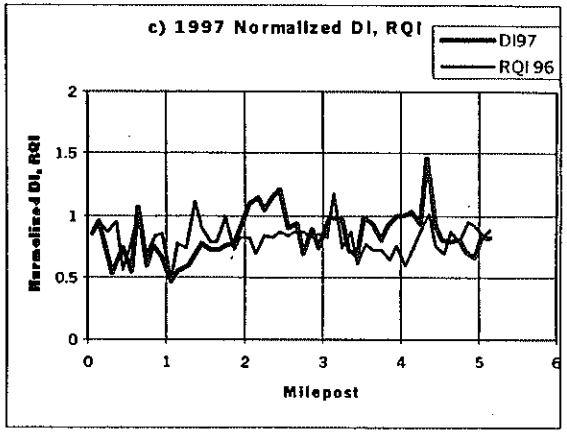




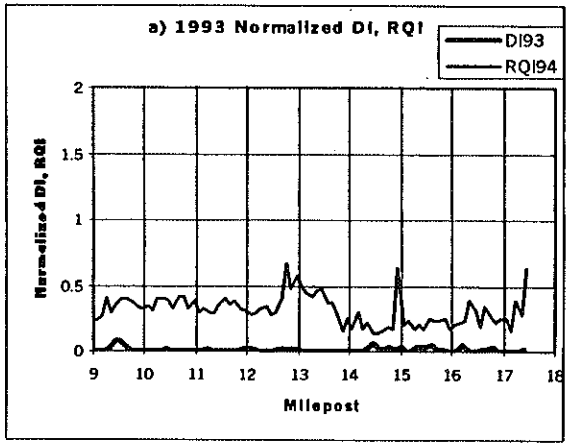
Distress and Roughness Profile along the Project Length for NB US-127 (CS 38131)

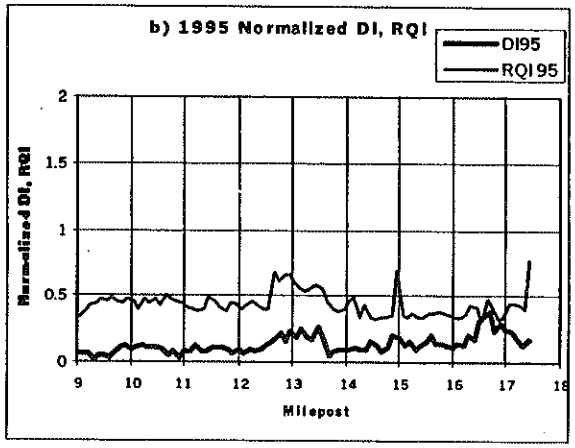


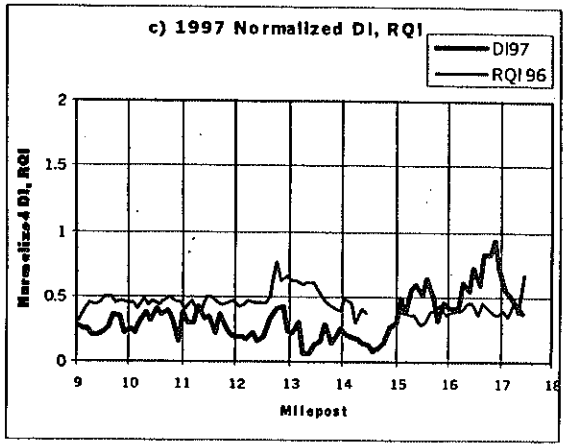




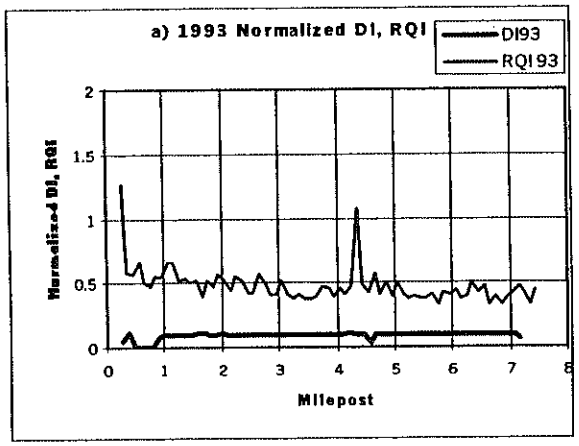
Distress and Roughness Profile along the Project Length for EB I-196 (CS 33084)

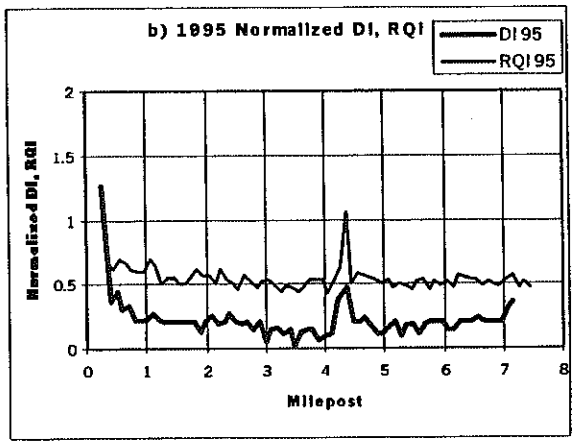


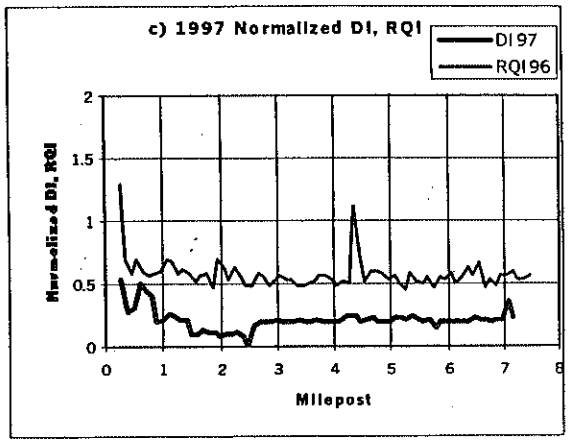




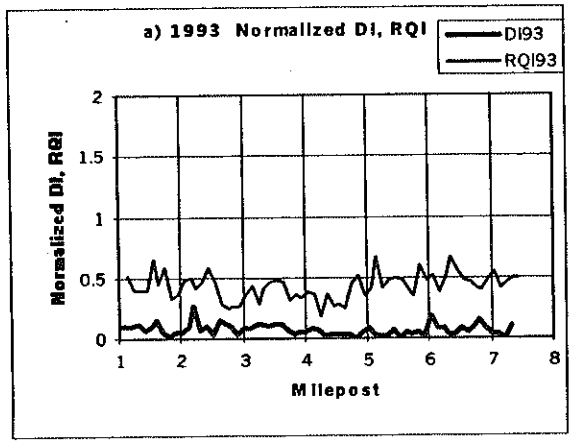
Distress and Roughness Profile along the Project Length for NB US-23 (CS 47014)

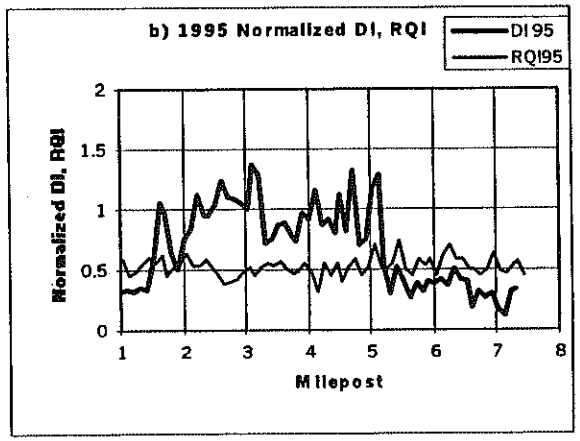


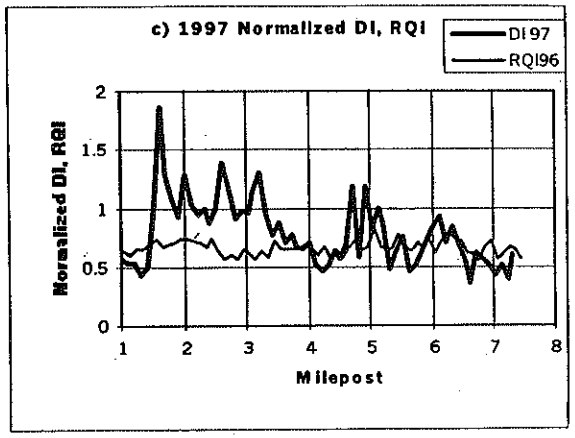


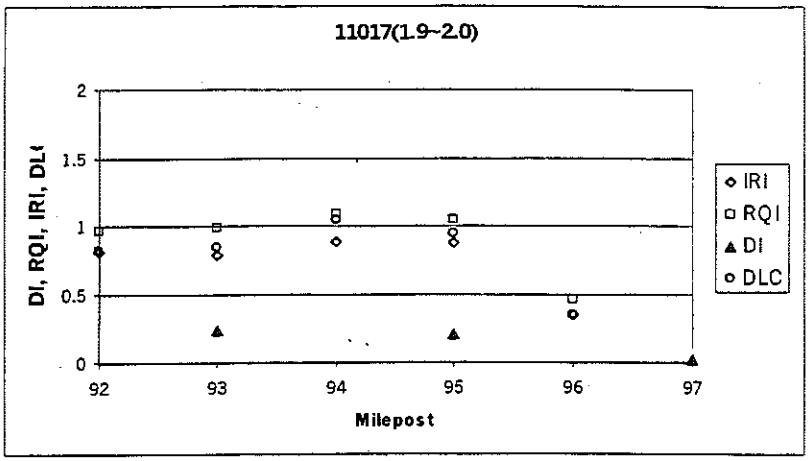


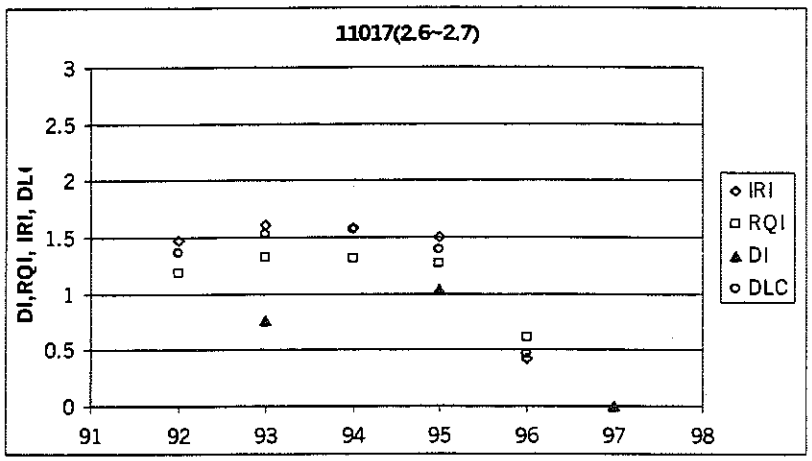
Distress and Roughness Profile along the Project Length for EB US-10 (CS 09101)

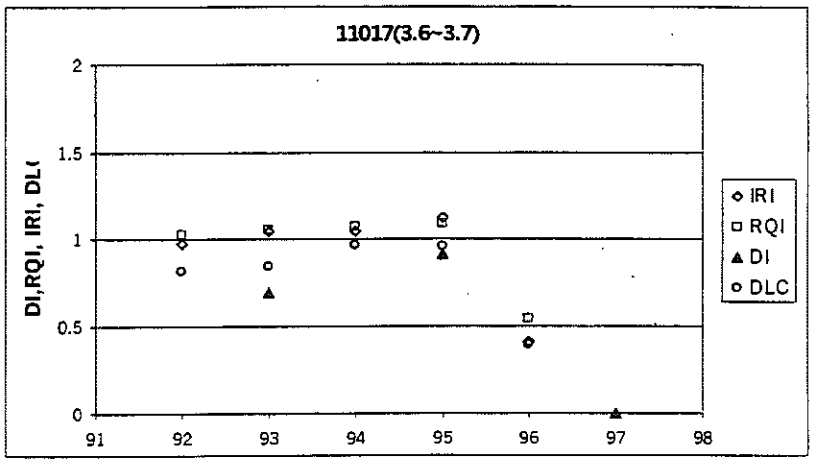




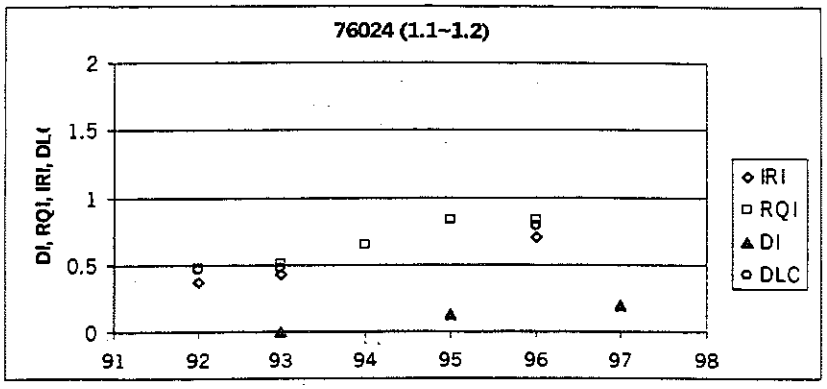


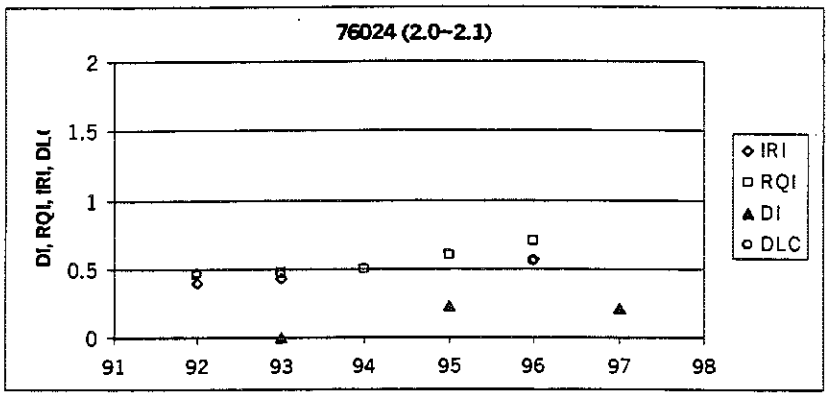


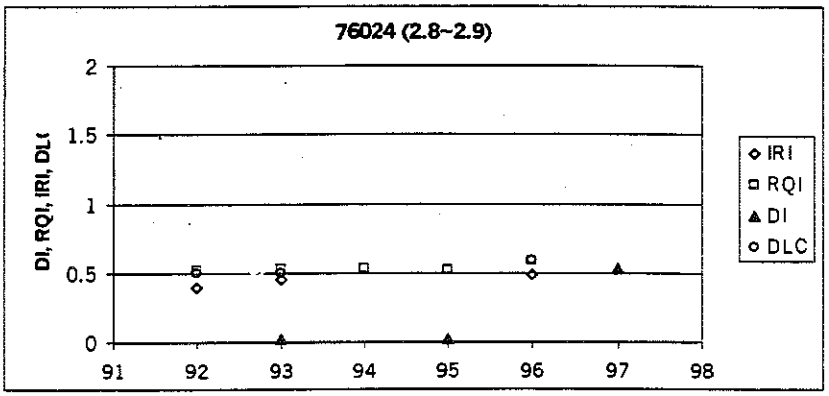


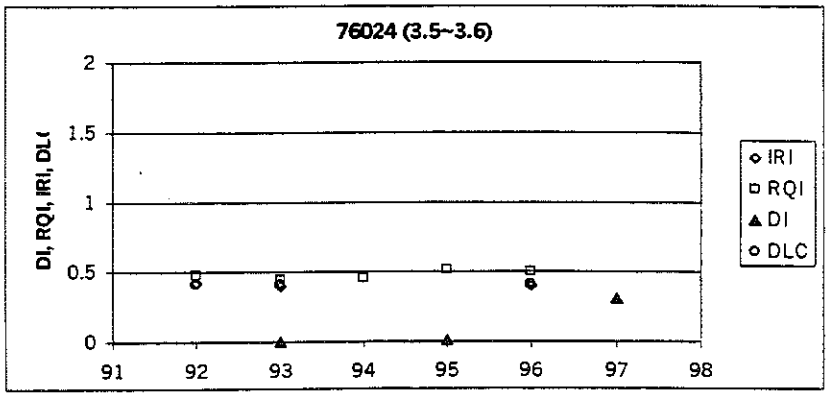


Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along EB I-94 Project (CS 11017)

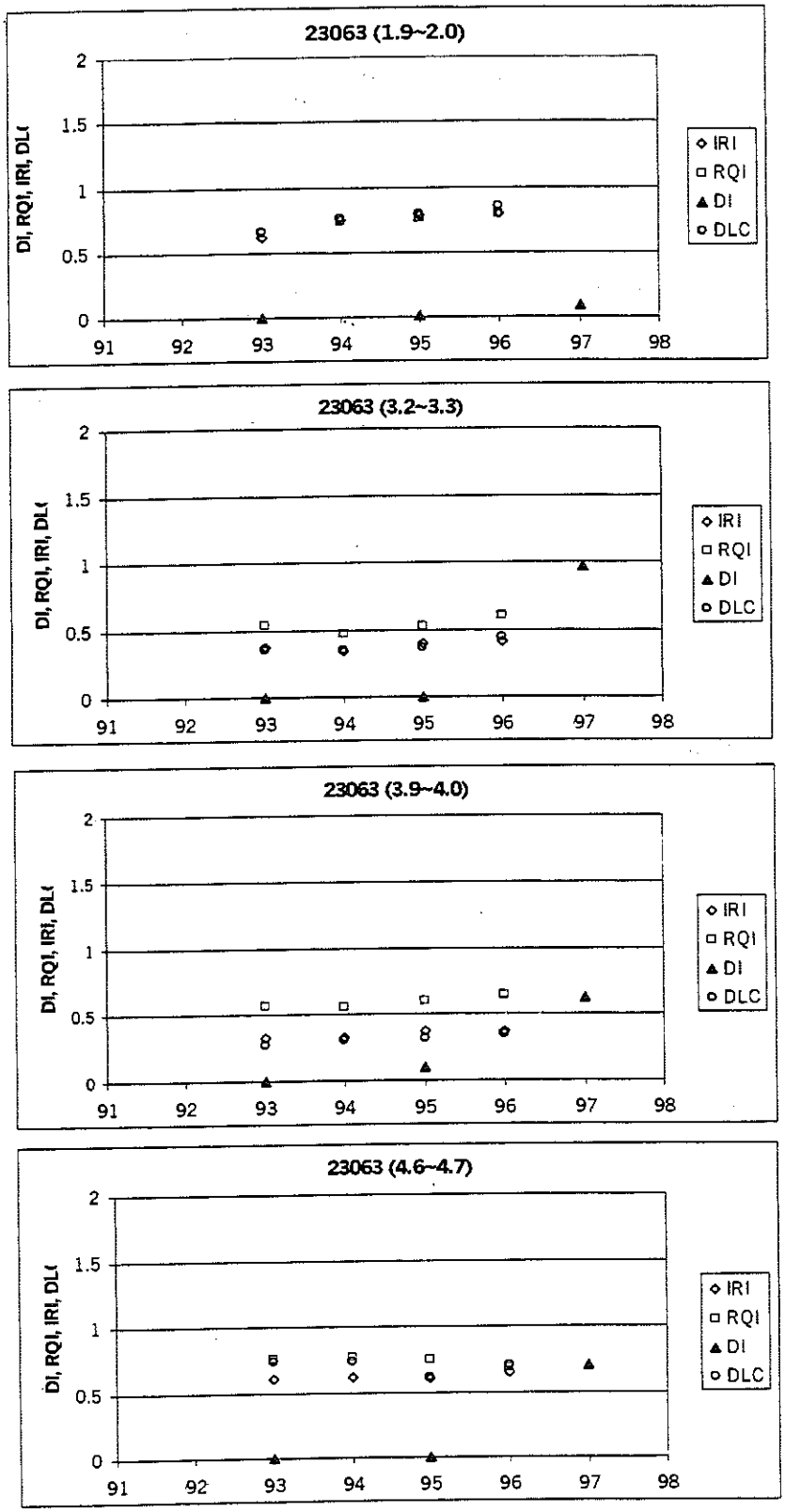




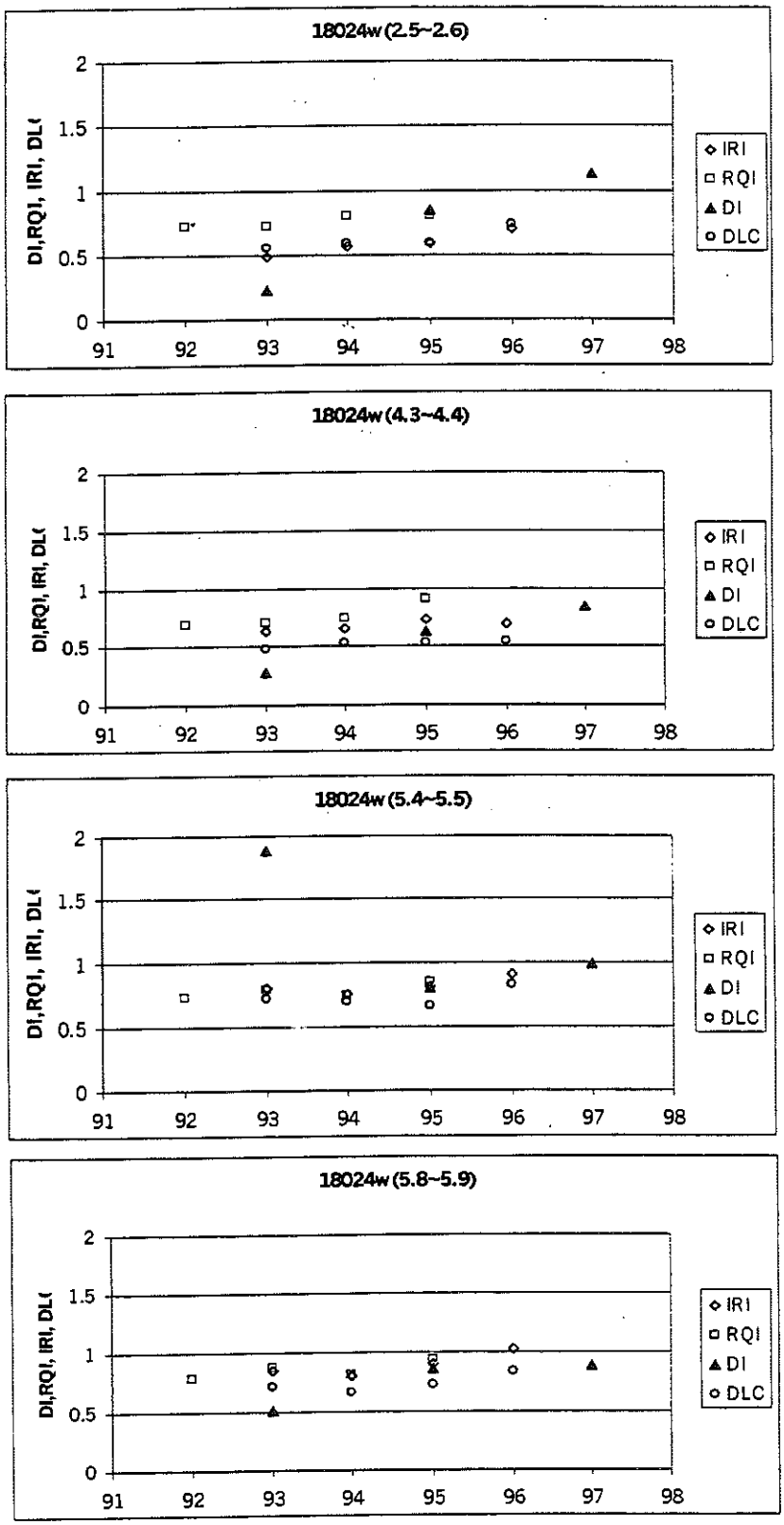




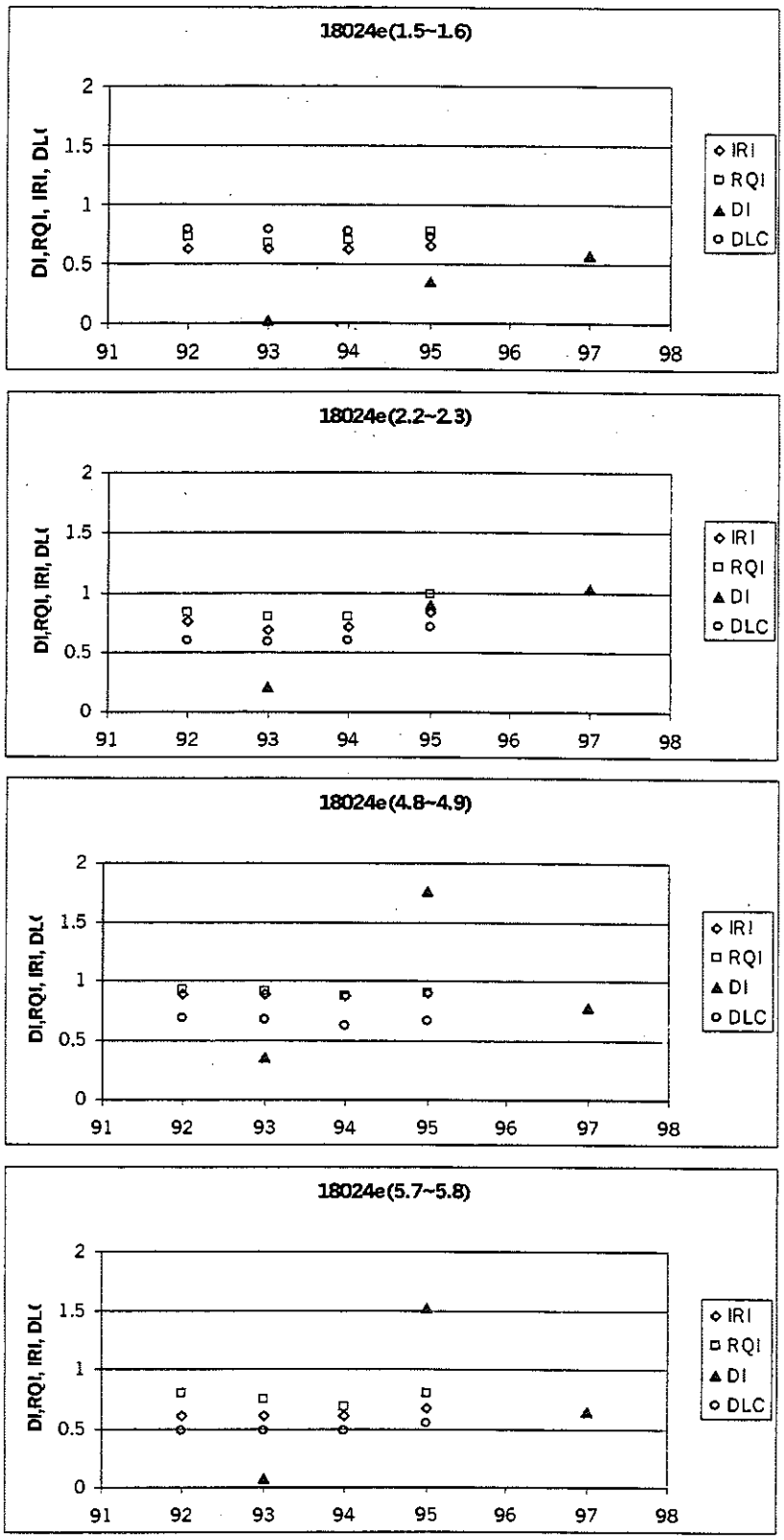
Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along EB I-69 Project (CS 76024)



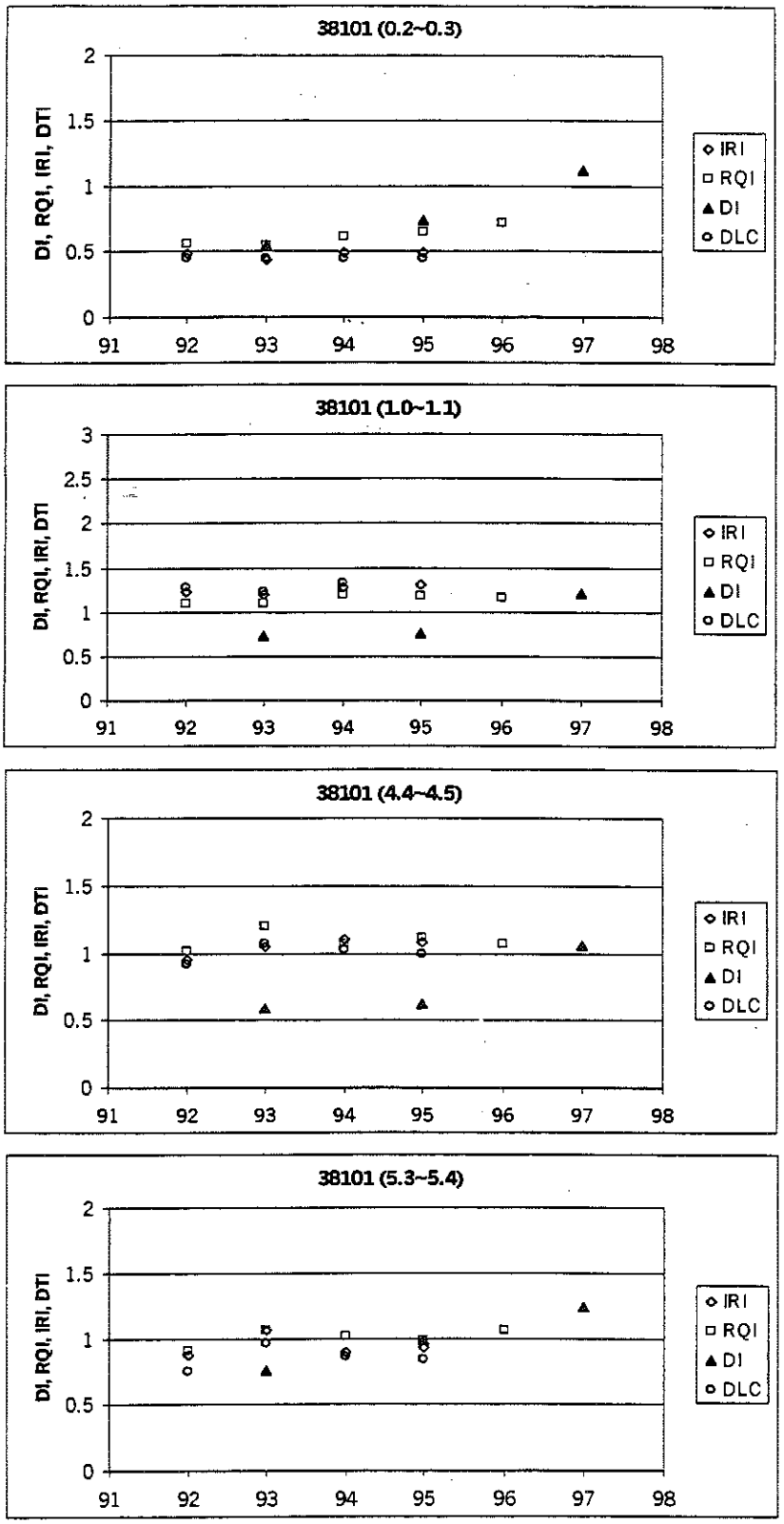
Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along NB I-69 Project (CS 23063)



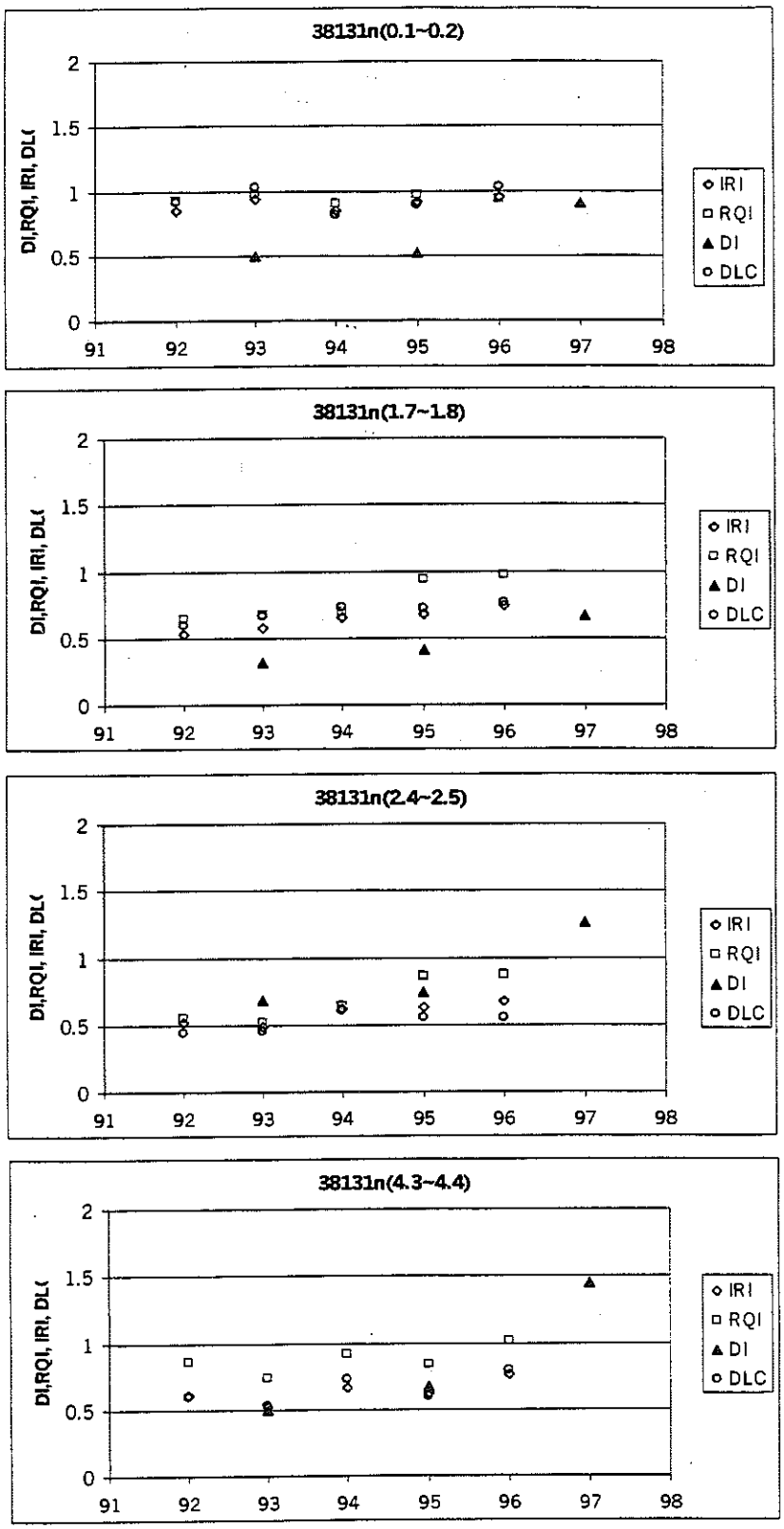
Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along WB US-10 Project (CS 18024)



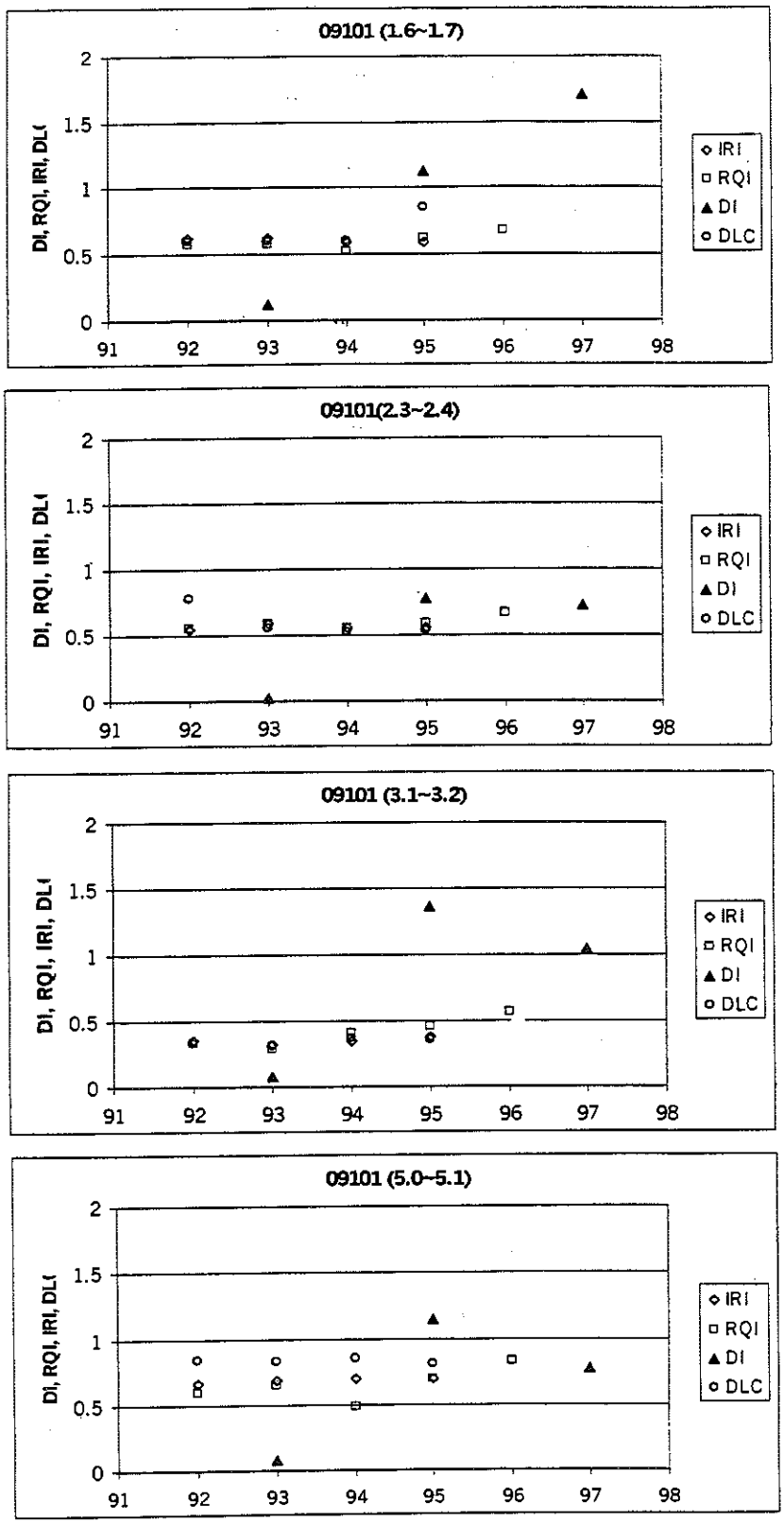
Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along EB US-10 Project (CS 18024)



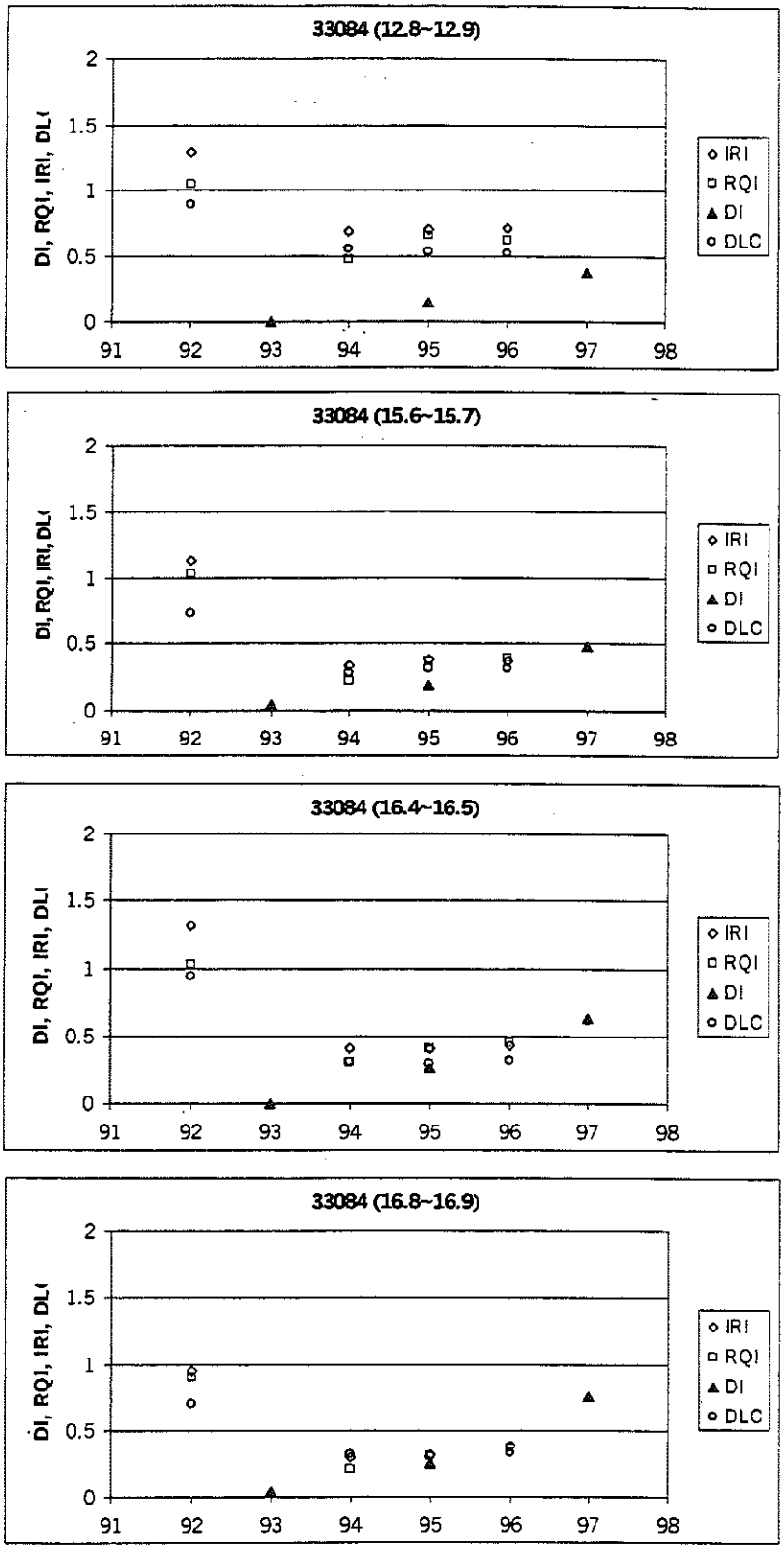
Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along EB I-94 Project (CS 38101)



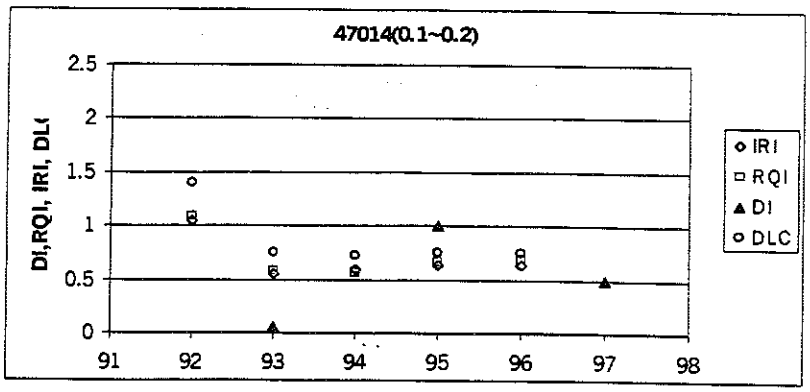
Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along NB US-127 Project (CS 38131)

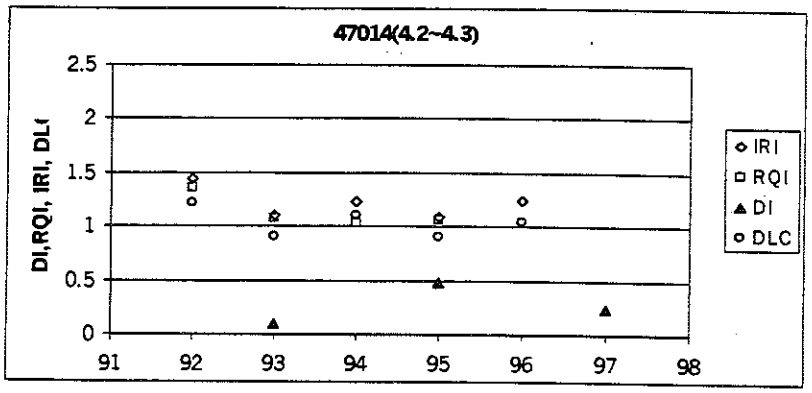


Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along EB US-10 Project (CS 09101)

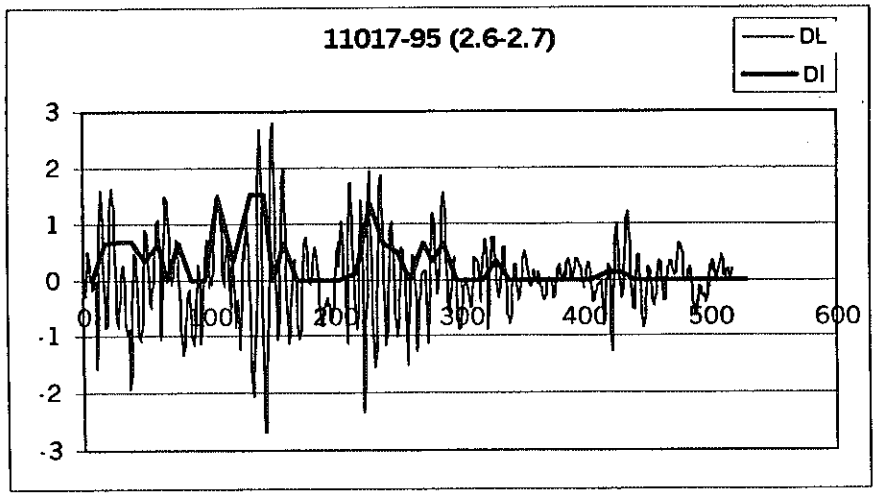


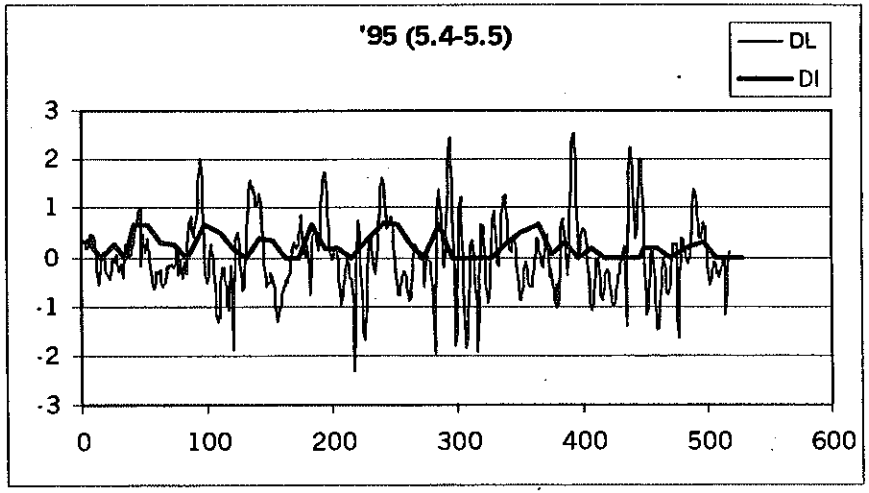
Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along EB I-96 Project (CS 33084)

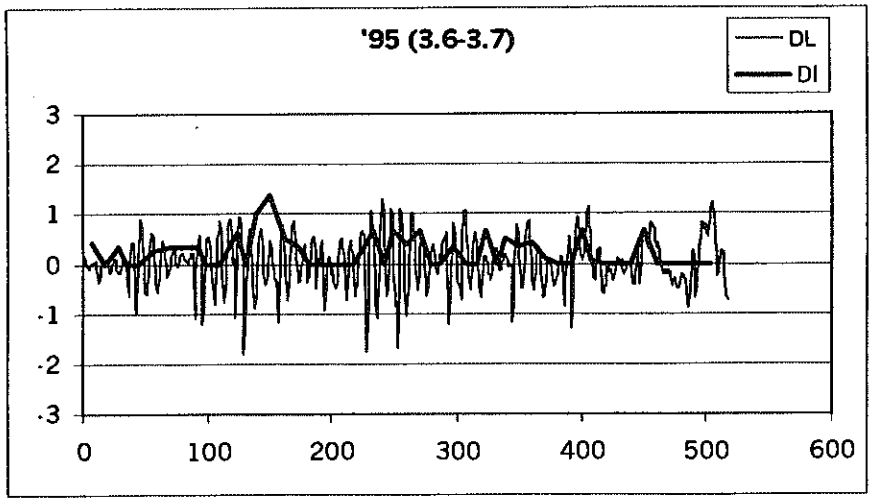




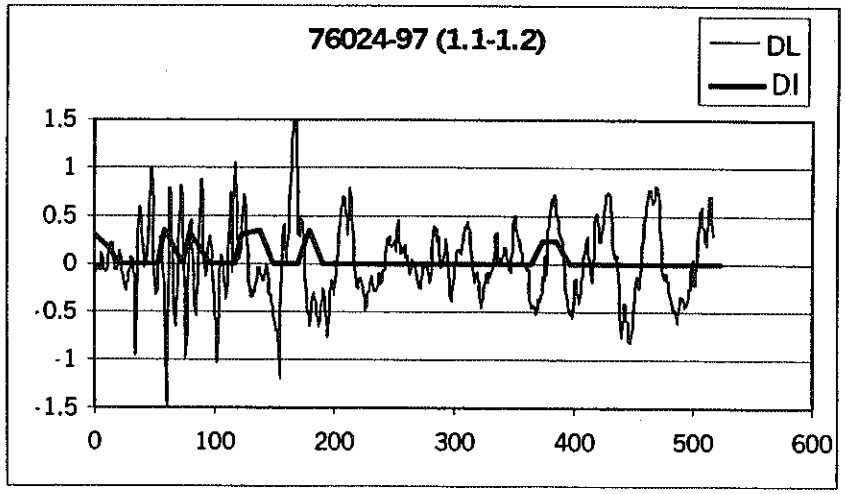
Year-to-Year Trend of Roughness, Distress and Dynamic Loading Indices for Four 0.1 Mile Sections along NB US-23 Project (CS 47014)

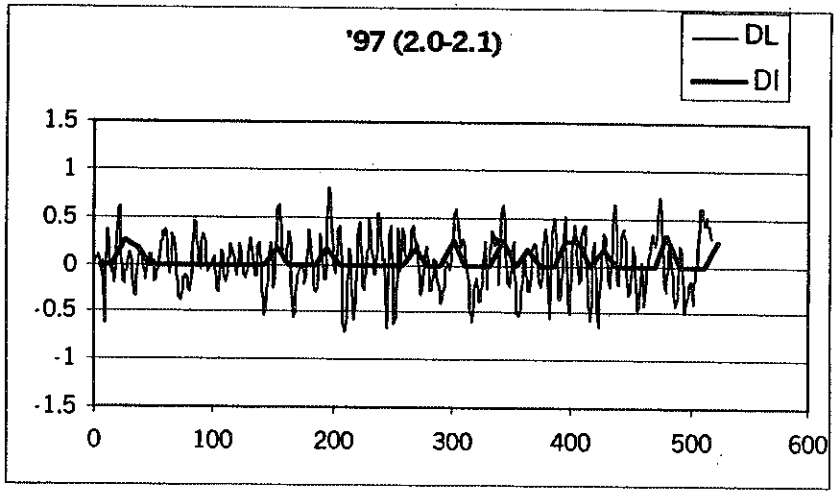


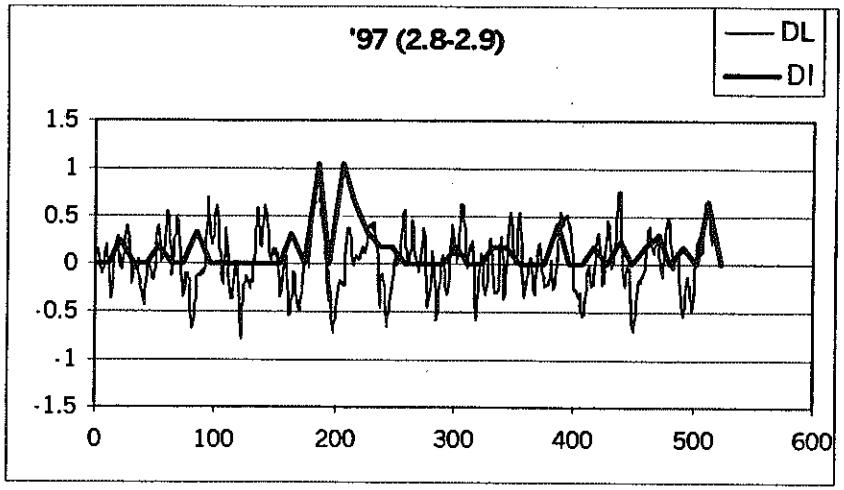


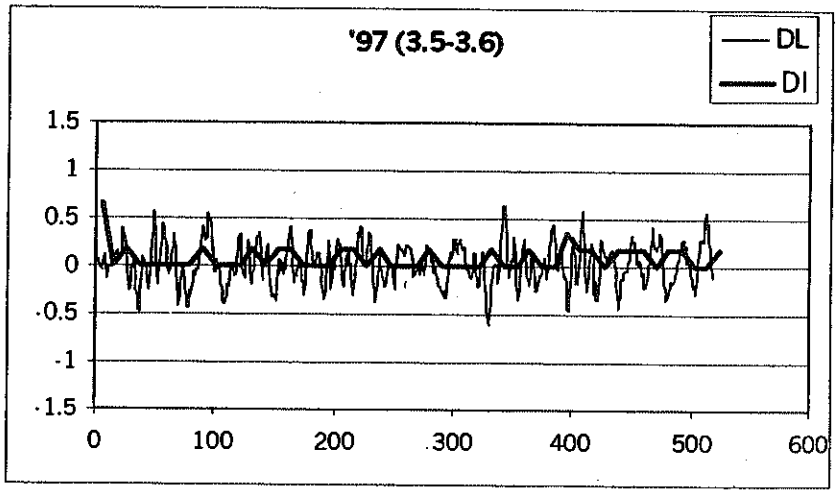


Normalized Dynamic Load and Distress Points versus Longitudinal Distance of EB I-94 Project (CS 11017)

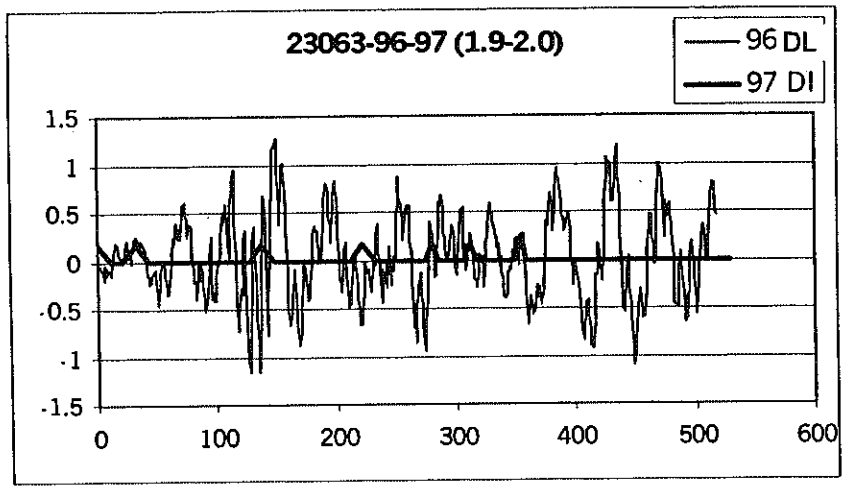


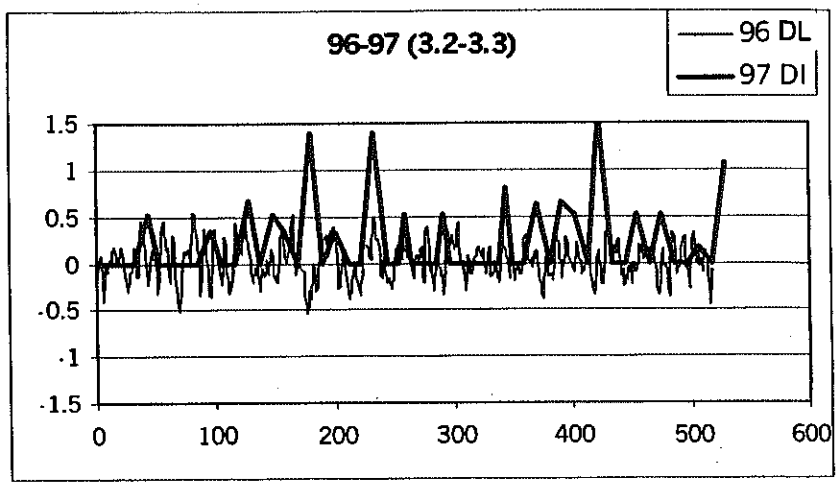


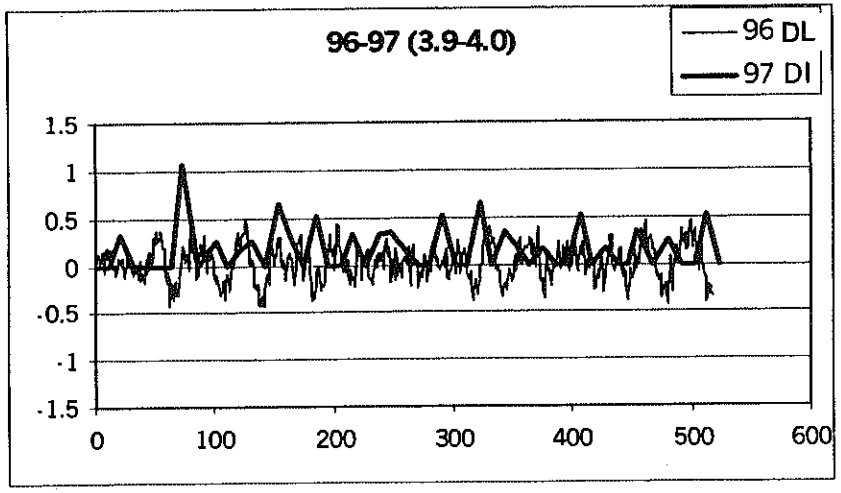


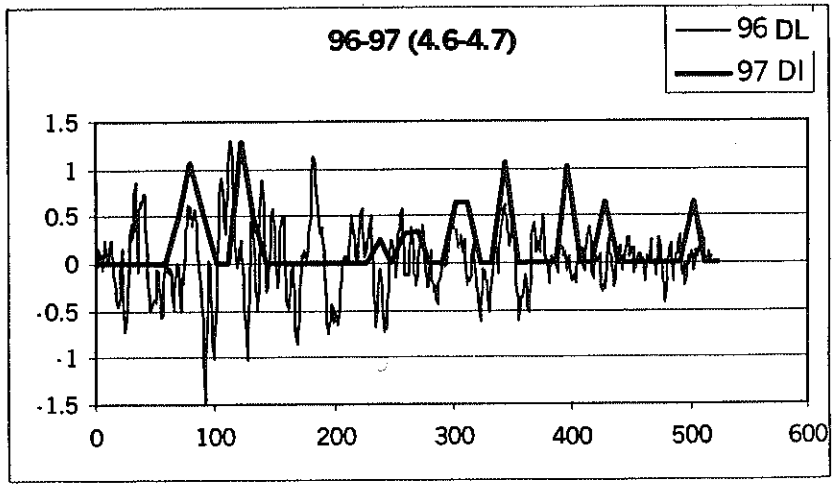


Normalized Dynamic Load and Distress Points versus Longitudinal Distance of EB I-69 Project (CS 76024)

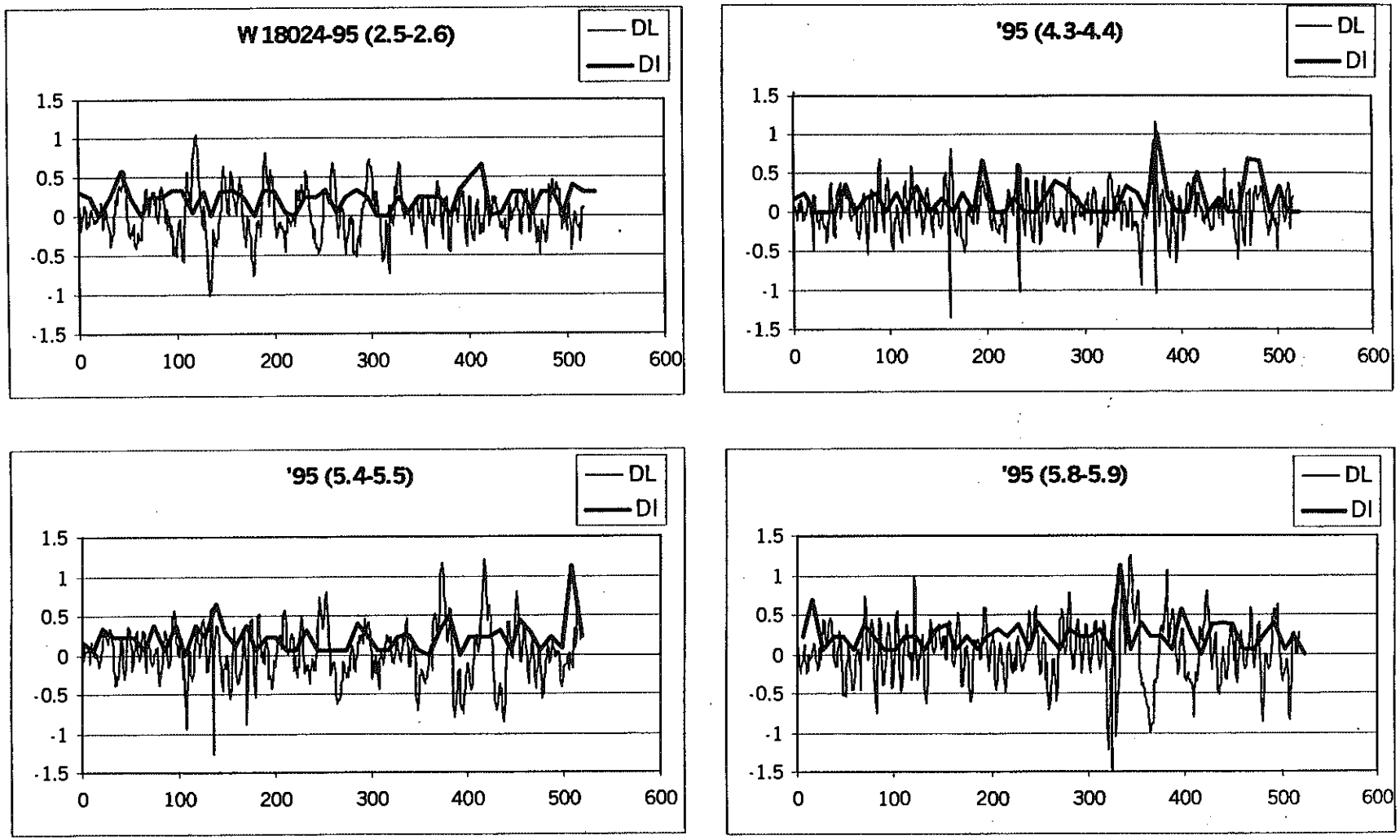




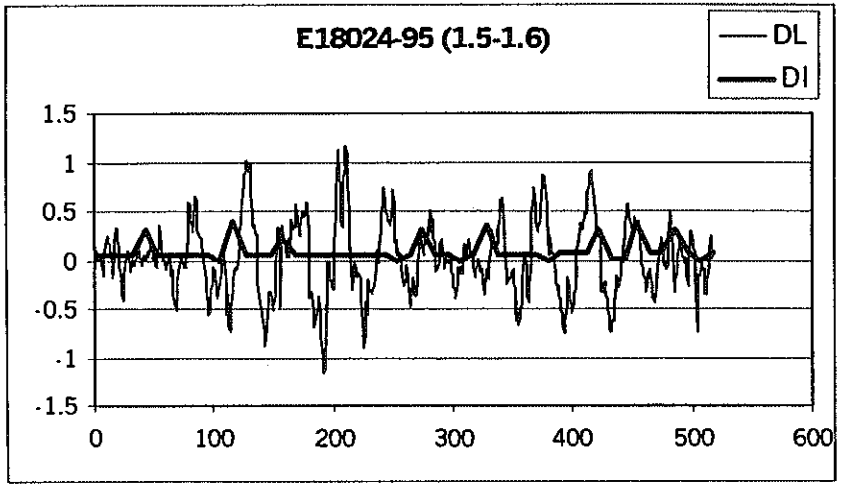


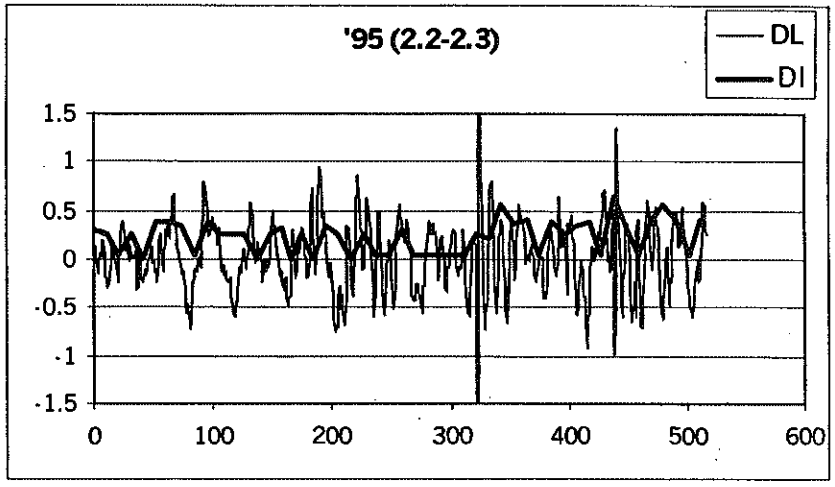


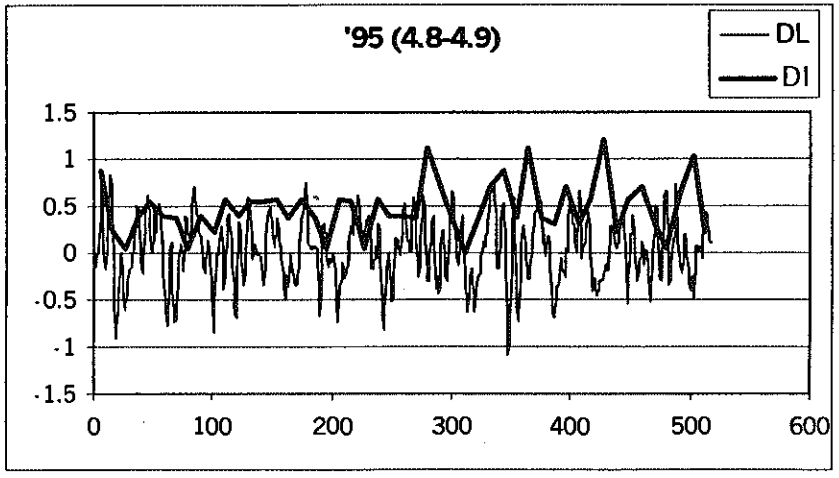
Normalized Dynamic Load and Distress Points versus Longitudinal Distance of NB I-69 Project (CS 23063)

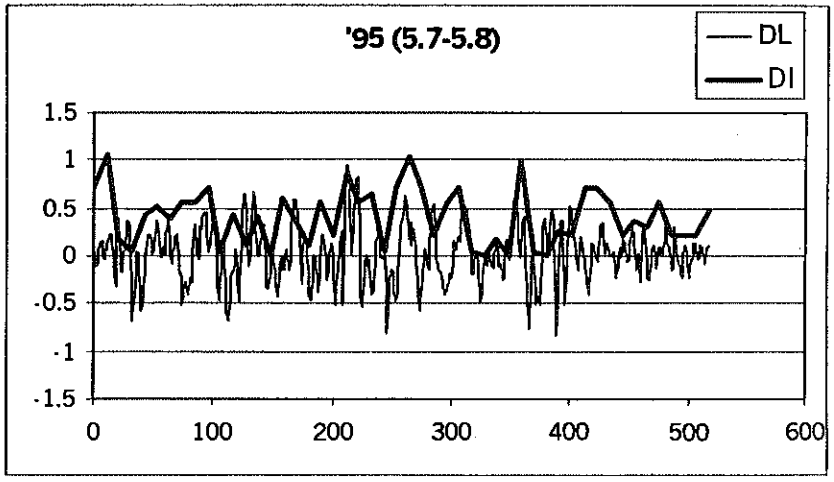


Normalized Dynamic Load and Distress Points versus Longitudinal Distance of WB US-10 Project (CS 18024)

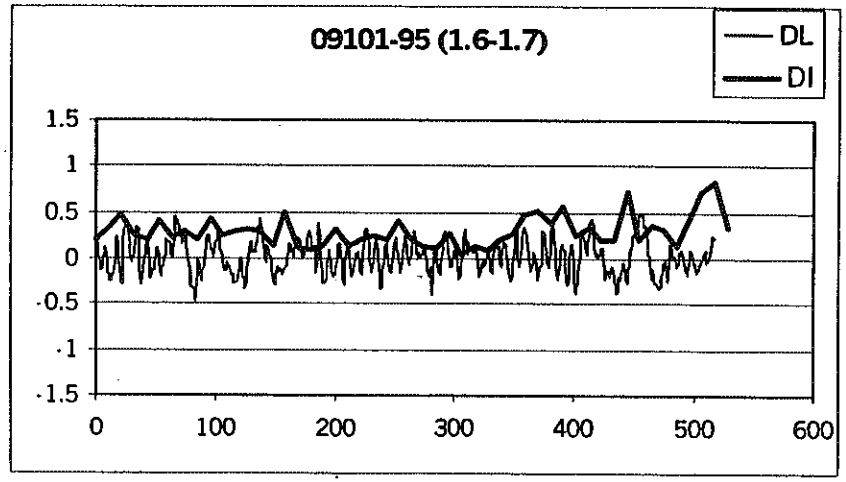


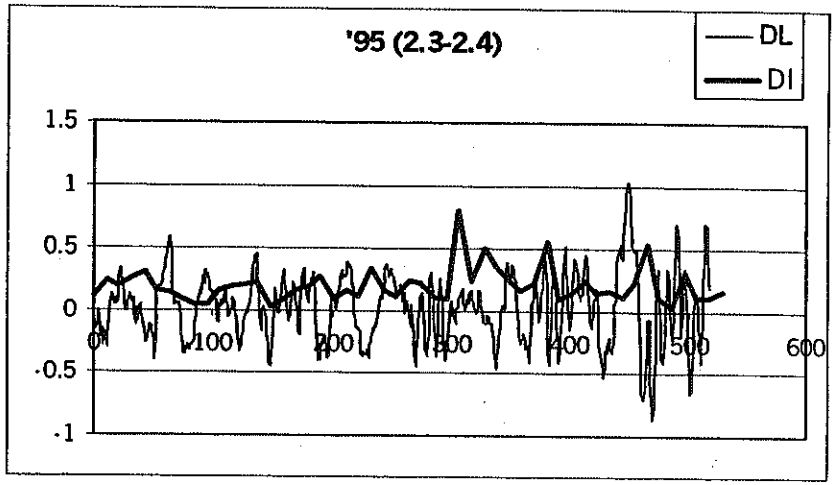


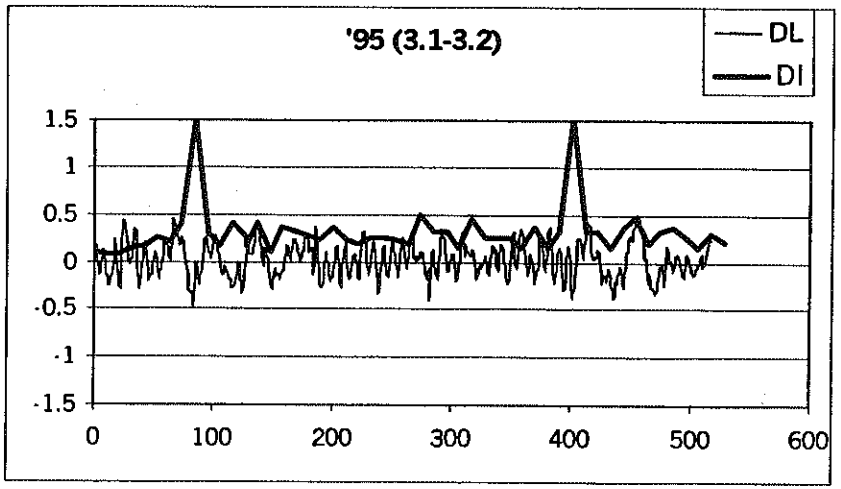


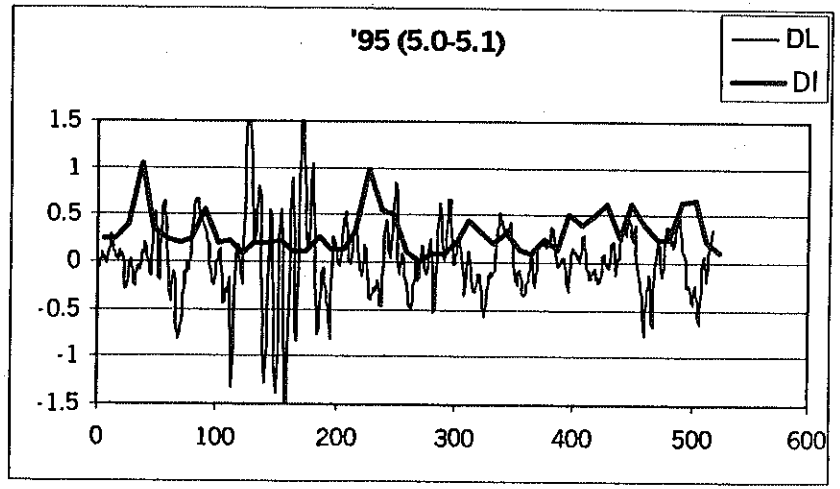


Normalized Dynamic Load and Distress Points versus Longitudinal Distance of EB US-10 Project (CS 18024)

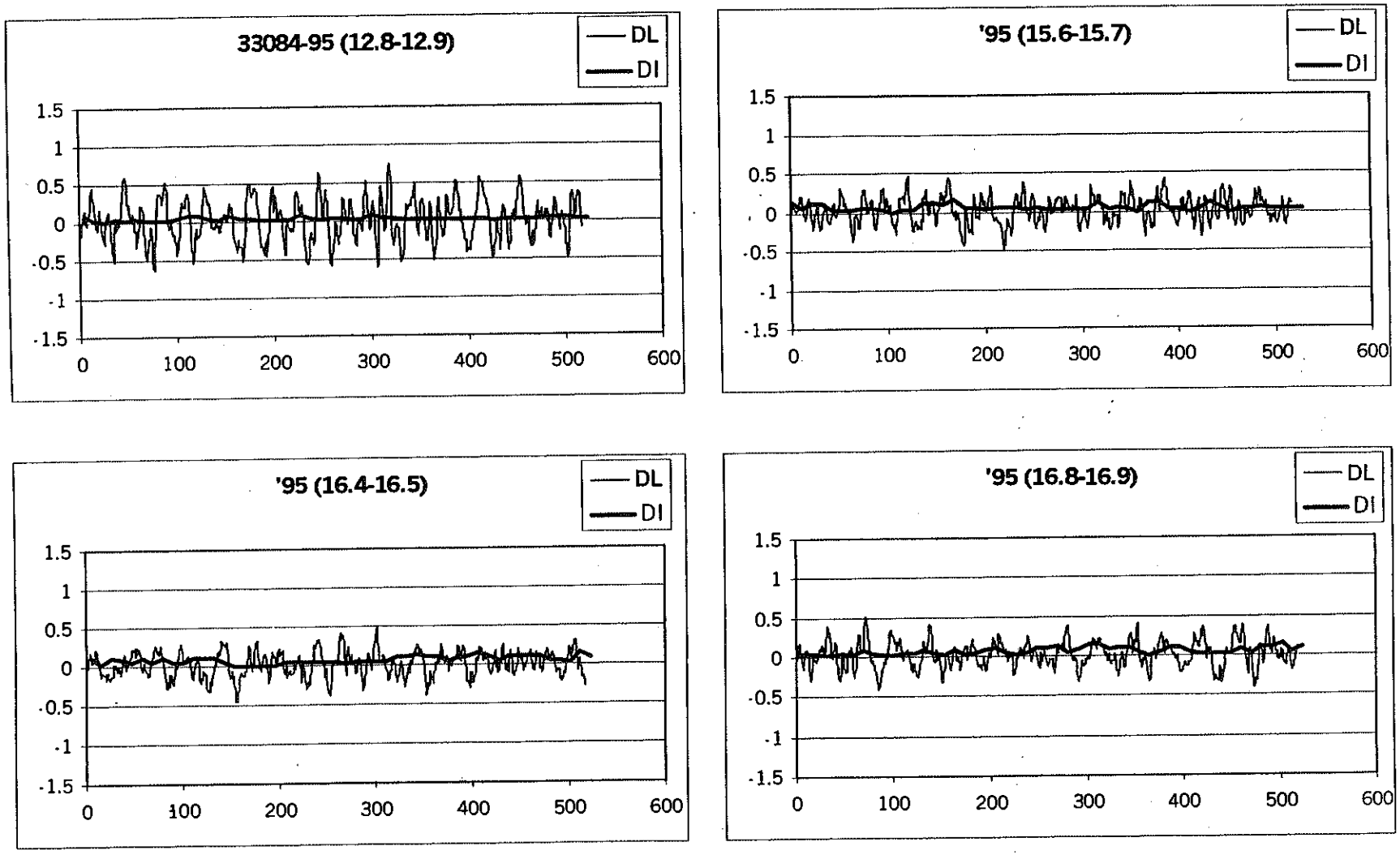




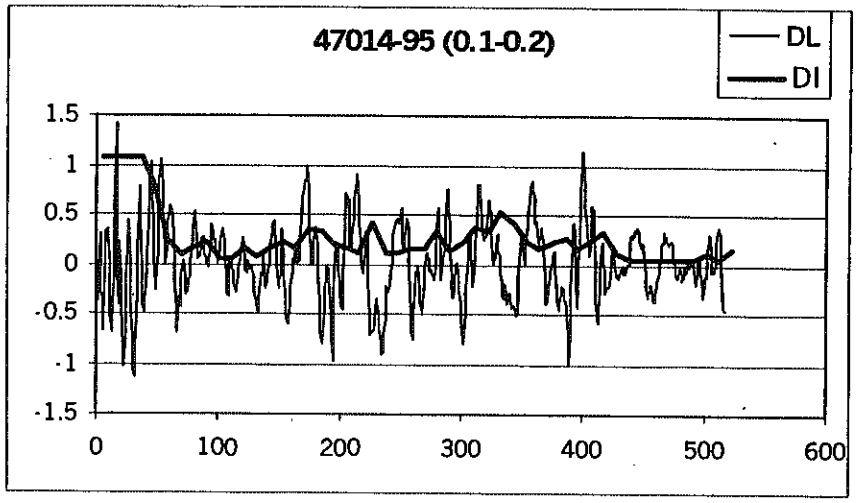


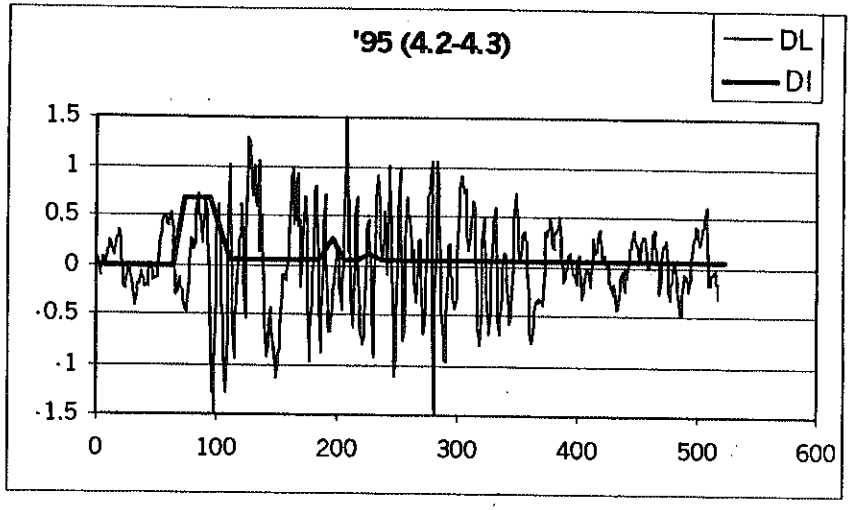


Normalized Dynamic Load and Distress Points versus Longitudinal Distance of EB US-10 Project (CS 09101)

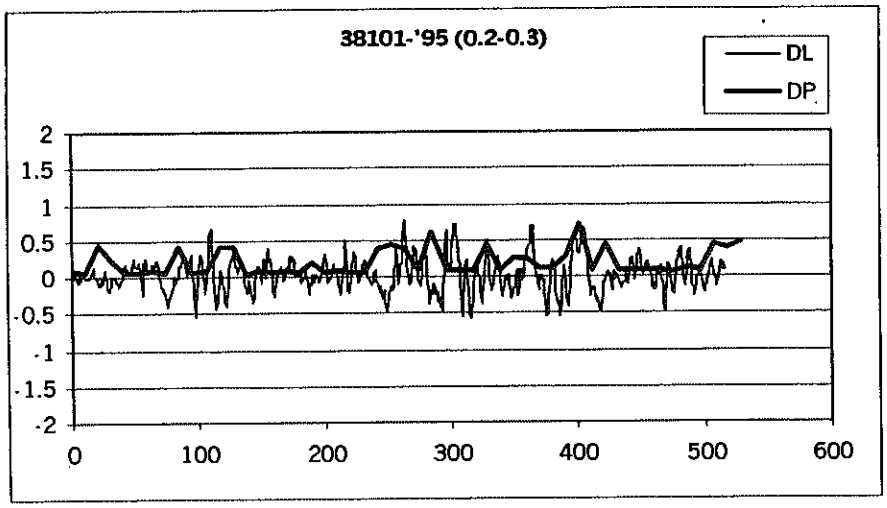


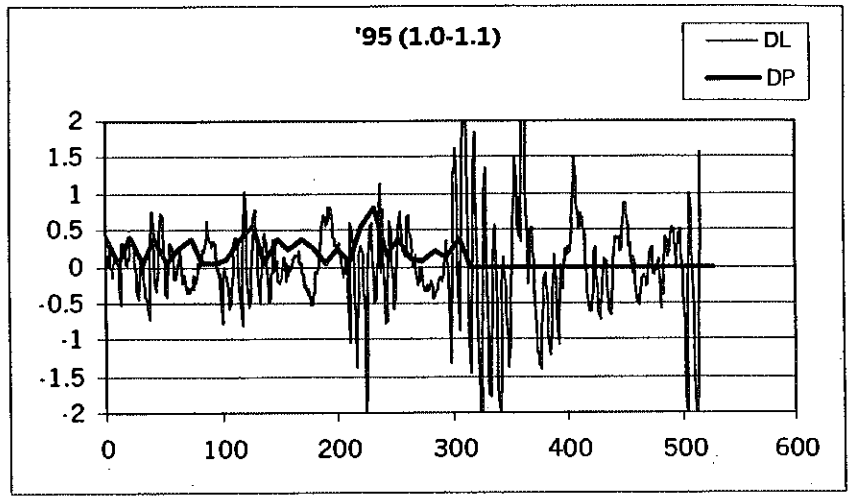
Normalized Dynamic Load and Distress Points versus Longitudinal Distance of EB I-96 Project (CS 33084)

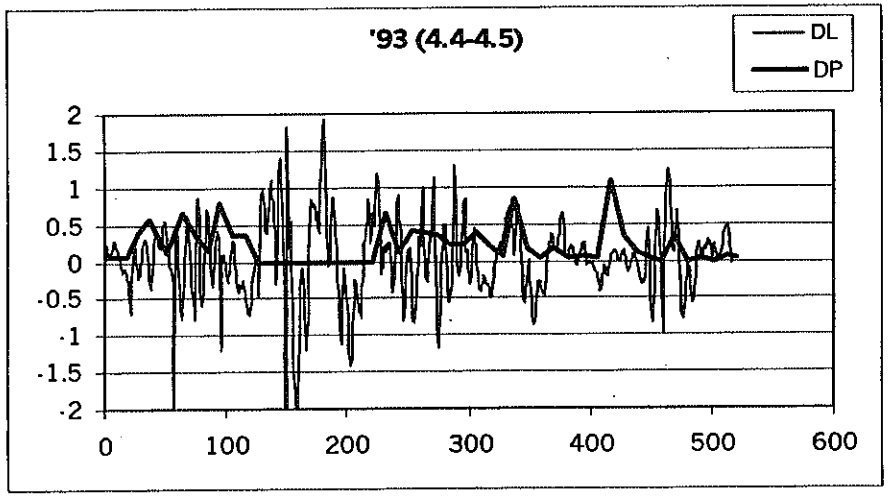


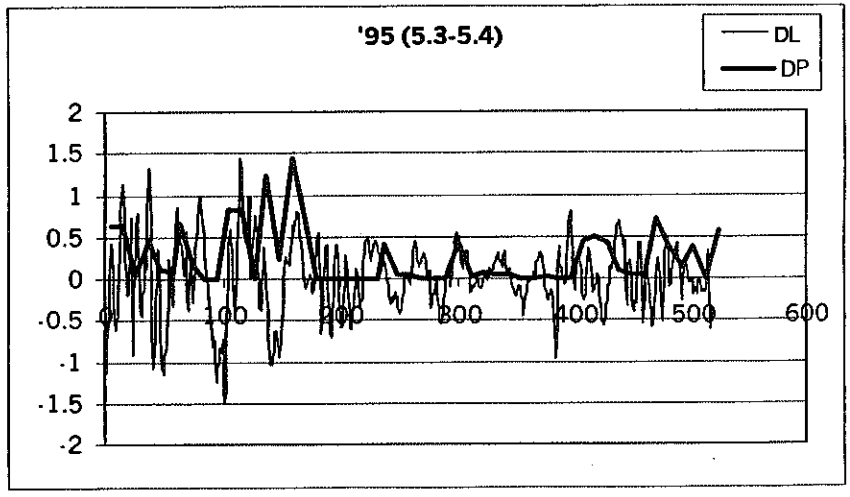


Normalized Dynamic Load and Distress Points versus Longitudinal Distance of NB US-23 Project (CS 47014)

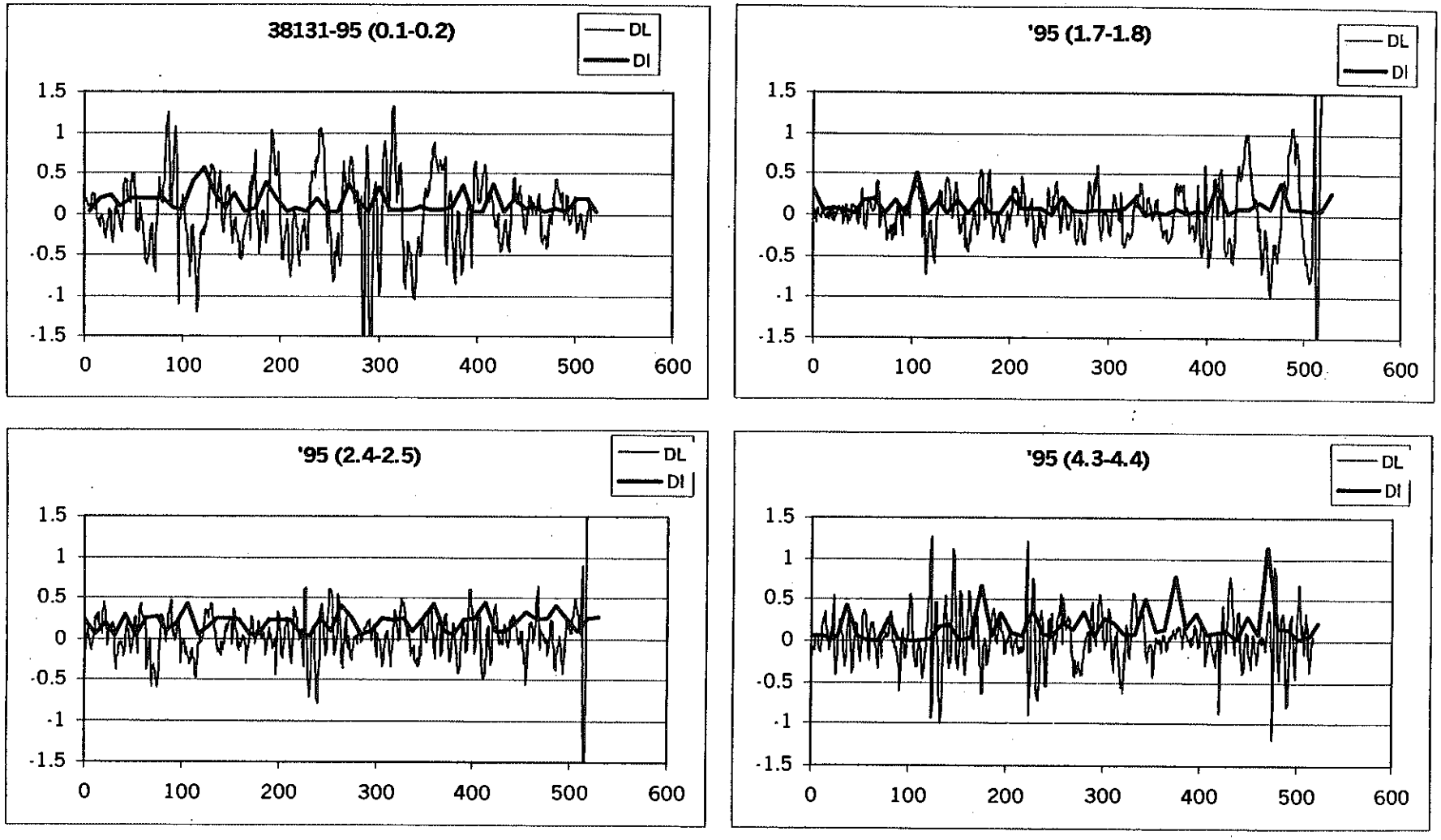








Normalized Dynamic Load and Distress Points versus Longitudinal Distance of EB I-94 Project (CS 38101)



Normalized Dynamic Load and Distress Points versus Longitudinal Distance of NB US-127 Project (CS 38131)

Coefficient of Correlation between Truck Load and Distress Point

Control Section	M.P.	Coefficient of Correlation
11017	2.6-2.7	0.547
	3.6-3.7	0.261
	5.4-5.5	0.331
76024	1.1-1.2	0.303
	2.0-2.1	0.385
	2.8-2.9	0.080
	3.5-3.6	0.100
23063	1.9-2.0	0.247
	3.9-4.0	0.031
	3.2-3.3	0.111
	4.6-4.7	0.119
W18024	2.5-2.6	0.070
	4.3-4.4	0.172
	5.4-5.5	0.180
	5.8-5.9	0.213
E18024	1.5-1.6	0.342
	2.2-2.3	0.261
	4.8-4.9	0.211
	5.7-5.8	0.213
09101	1.6-1.7	0.122
	2.3-2.4	0.020
	3.1-3.2	-0.081
	5.0-5.1	-0.081
33084	12.8-12.9	0.218
	15.6-15.7	0.194
	16.4-16.5	-0.048
	16.8-16.9	0.204
47014	0.1-0.2	0.187
	4.2-4.3	0.452
38101	0.2-0.3	0.482
	1.0-1.1	0.187
	4.4-4.5	0.204
	5.3-5.4	0.284
38131	0.1-0.2	0.180
	1.7-1.8	0.181
	2.4-2.5	0.110
	4.3-4.4	0.203

APPENDIX H
DLI Computer Program Fortran Code

DLI Computer Program Fortran Code

```
      IMPLICIT DOUBLE PRECISION (A-H,O-Z)
      CHARACTER*15   FILEIN, FILEOUT
      COMPLEX*8 PCOMPLEX(524289),PCOMPLEX1(524289)
      COMMON/INPUT1/N,  X,  DTIME,  FREQ(524289),  AMPL(524289),  AREA1,
     .             AREA2,  P1(1048577),  X1,  X2,  X3,X4,FREQ1(524289)
      DIMENSION P(1048577),INV(524289),S(524289)
$     DEBUG
C
C
C     FOR COMPOSITE AND FLEXIBLE
C
      WRITE(*,'(A,$)') ' ENTER INPUT FILENAME FOR PROFILE: '
      READ(*,'(A)') FILEIN
      WRITE(*,'(A,$)') ' ENTER OUTPUT FILENAME: '
      READ(*,'(A)') FILEOUT
      OPEN (4, FILE=FILEIN, STATUS='OLD')
      OPEN (6, FILE=FILEOUT, STATUS='UNKNOWN')
      DO I=1,600000
      READ(4,30,END=20) P(I)
      ENDDO
   20 K=I-1
      WRITE(*,'(A,I10)') ' Number of Data = ', K
      WRITE(6,'(A,I10)') 'Number of Data = ', K
      PI=4.*ATAN(1.)
      DTIME=0.25/88.0
C      DO 40 M=11,20
C         N=2**M
C         IF (N .LT. K) GO TO 40
C         GO TO 50
C  40 CONTINUE
C  50 CONTINUE
      X0=K/262144.0
      IF (X0 .LE. 1.0) THEN
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
                        C
C                 FILE NUMBER 8: 1.5Hz - 4.0 Hz
      C
C                   FILE NUMBER 9: 8 Hz - 15 Hz
      C
C
                        C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
          OPEN(8, STATUS='UNKNOWN', FORM='UNFORMATTED')
            OPEN(9, STATUS='UNKNOWN', FORM='UNFORMATTED')
            J=1
            REWIND (4)
            DO I=1,K
               READ (4,30) P(I)
            ENDDO
```

```
      DO I=K+1,262144
         P(I)=0.0
      ENDDO
      N=262144
    CALL AFFT (P,N,1,INV,S,IFERR)
    N2=N/2
    DO II=1,N2+1
       FREQ(II)=(II-1)/(N*DTIME)
       X=1.5*N*DTIME+1.0
       X1=4.0*N*DTIME+1.0
         X2=8.0*N*DTIME+1.0
       X3=15.0*N*DTIME+1.0
         JJ=INT(X)
       JJ1=INT(X1)
       JJ2=INT(X2)
       JJ3=INT(X3)
         JODD=2*II-1
       JEVEN=2*II
       PCOMPLEX(II)=DCMPLX(P(JODD),P(JEVEN))
         PCOMPLEX1(II)=DCMPLX(P(JODD),P(JEVEN))
    ENDDO
    DO II=1,JJ
       PCOMPLEX(II)=0.0
    ENDDO
      DO II=JJ1,N2+1
       PCOMPLEX(II)=0.0
    ENDDO
    DO II=1,N2+1
       JODD=2*II-1
       JEVEN=2*II
       P(JODD)=REAL(PCOMPLEX(II))
       P(JEVEN)=IMAG(PCOMPLEX(II))
    ENDDO
      CALL AFFT (P,N,-1,INV,S,IFERR)
    DO II=1,N
       WRITE(8) P(II)
    ENDDO

      DO II=1,JJ2
       PCOMPLEX1(II)=0.0
    ENDDO
        DO II=JJ3,N2+1
       PCOMPLEX1(II)=0.0
    ENDDO
      DO II=1,N2+1
       JODD=2*II-1
       JEVEN=2*II
       P(JODD)=REAL(PCOMPLEX1(II))
       P(JEVEN)=IMAG(PCOMPLEX1(II))
    ENDDO
      CALL AFFT (P,N,-1,INV,S,IFERR)
    DO II=1,N
       WRITE(9) P(II)
    ENDDO
      GOTO 501
ENDIF
IF (X0 .LE. 2.0) J=2
```

```
      IF (X0 .GT. 2.0) J=3
C
      OPEN(8, STATUS='UNKNOWN', FORM='UNFORMATTED')
      OPEN(9, STATUS='UNKNOWN', FORM='UNFORMATTED')
      REWIND (4)
      DO 500 I=1,J
         IF (I .EQ. 1) THEN
             N=262144
             N10=N
             DO III=1,N
                  READ(4,30) P(III)
             ENDDO
               CALL AFFT (P,N,1,INV,S,IFERR)
             N2=N/2
             DO II=1,N2+1
                FREQ(II)=(II-1)/(N*DTIME)
                X=1.5*N*DTIME+1.0
                X1=4.0*N*DTIME+1.0
                  X2=8.0*N*DTIME+1.0
                X3=15.0*N*DTIME+1.0
                  JJ=INT(X)
                JJ1=INT(X1)
                JJ2=INT(X2)
                JJ3=INT(X3)
                  JODD=2*II-1
                JEVEN=2*II
                PCOMPLEX(II)=DCMPLX(P(JODD),P(JEVEN))
                  PCOMPLEX1(II)=DCMPLX(P(JODD),P(JEVEN))
             ENDDO
             DO II=1,JJ
                PCOMPLEX(II)=0.0
             ENDDO
               DO II=JJ1,N2+1
                PCOMPLEX(II)=0.0
             ENDDO
             DO II=1,N2+1
                JODD=2*II-1
                JEVEN=2*II
                P(JODD)=REAL(PCOMPLEX(II))
                P(JEVEN)=IMAG(PCOMPLEX(II))
             ENDDO
               CALL AFFT (P,N,-1,INV,S,IFERR)
             DO II=1,N
                WRITE(8) P(II)
             ENDDO

               DO II=1,JJ2
                PCOMPLEX1(II)=0.0
             ENDDO
               DO II=JJ3,N2+1
                PCOMPLEX1(II)=0.0
             ENDDO
             DO II=1,N2+1
                JODD=2*II-1
                JEVEN=2*II
                P(JODD)=REAL(PCOMPLEX1(II))
                P(JEVEN)=IMAG(PCOMPLEX1(II))
```

```
            ENDDO
              CALL AFFT (P,N,-1,INV,S,IFERR)
            DO II=1,N
               WRITE(9) P(II)
            ENDDO
         ENDIF
C
        IF (I .EQ. 2) THEN
           K2=K-262144
           IF (K2 .GT. 262144) THEN
                K2=262144
                  N=262144
                  GO TO 50
             ENDIF
             DO 40 M=7,20
              N=2**M
              IF (N .LT. K2) GO TO 40
              GO TO 50
40         CONTINUE
50         CONTINUE
           N11=N10+N+1
           IF (K2 .EQ. N) THEN
                DO III=1,N
                   READ(4,30) P(III)
              ENDDO
                GO TO 61
           ENDIF
             DO III=1,K2
                READ(4,30) P(III)
           ENDDO
             DO 60 II=K2+1,N
              P(II)=0.0
60         CONTINUE
61           CALL AFFT (P,N,1,INV,S,IFERR)
           N2=N/2
           DO II=1,N2+1
              FREQ(II)=(II-1)/(N*DTIME)
              X=1.5*N*DTIME+1.0
              X1=4.0*N*DTIME+1.0
                X2=8.0*N*DTIME+1.0
              X3=15.0*N*DTIME+1.0
                JJ=INT(X)
              JJ1=INT(X1)
              JJ2=INT(X2)
              JJ3=INT(X3)
                JODD=2*II-1
              JEVEN=2*II
              PCOMPLEX(II)=DCMPLX(P(JODD),P(JEVEN))
                PCOMPLEX1(II)=DCMPLX(P(JODD),P(JEVEN))
           ENDDO
           DO II=1,JJ
              PCOMPLEX(II)=0.0
           ENDDO
             DO II=JJ1,N2+1
              PCOMPLEX(II)=0.0
           ENDDO
           DO II=1,N2+1
```

```
            JODD=2*II-1
            JEVEN=2*II
            P(JODD)=REAL(PCOMPLEX(II))
            P(JEVEN)=IMAG(PCOMPLEX(II))
         ENDDO
           CALL AFFT (P,N,-1,INV,S,IFERR)
         DO II=1,N
            WRITE(8) P(II)
         ENDDO

           DO II=1,JJ2
            PCOMPLEX1(II)=0.0
         ENDDO
           DO II=JJ3,N2+1
            PCOMPLEX1(II)=0.0
         ENDDO
         DO II=1,N2+1
            JODD=2*II-1
            JEVEN=2*II
            P(JODD)=REAL(PCOMPLEX1(II))
            P(JEVEN)=IMAG(PCOMPLEX1(II))
         ENDDO
           CALL AFFT (P,N,-1,INV,S,IFERR)
         DO II=1,N
            WRITE(9) P(II)
         ENDDO
      ENDIF
C
      IF (I .EQ. 3) THEN
         K3=K-K2-262144
         DO 200 M=7,20
            N=2**M
            IF (N .LT. K3) GO TO 200
            GO TO 210
 200     CONTINUE
 210     CONTINUE
         IF (K3 .EQ. N) THEN
              DO III=1,N
                   READ (4,30) P(III)
                 ENDDO
                 GO TO 230
         ENDIF
           DO III=1,K3
                 READ (4,30) P(III)
               ENDDO
             DO 220 II=K3+1,N
               P(II)=0.0
 220         CONTINUE
 230     CONTINUE
         N12=N11+N+1
         CALL AFFT (P,N,1,INV,S,IFERR)
         N2=N/2
         DO II=1,N2+1
            FREQ(II)=(II-1)/(N*DTIME)
            X=1.5*N*DTIME+1.0
            X1=4.0*N*DTIME+1.0
              X2=8.0*N*DTIME+1.0
```

```
            X3=15.0*N*DTIME+1.0
              JJ=INT(X)
            JJ1=INT(X1)
            JJ2=INT(X2)
            JJ3=INT(X3)
              JODD=2*II-1
            JEVEN=2*II
            PCOMPLEX(II)=DCMPLX(P(JODD),P(JEVEN))
              PCOMPLEX1(II)=DCMPLX(P(JODD),P(JEVEN))
         ENDDO
         DO II=1,JJ
            PCOMPLEX(II)=0.0
         ENDDO
           DO II=JJ1,N2+1
            PCOMPLEX(II)=0.0
         ENDDO
         DO II=1,N2+1
            JODD=2*II-1
            JEVEN=2*II
            P(JODD)=REAL(PCOMPLEX(II))
            P(JEVEN)=IMAG(PCOMPLEX(II))
         ENDDO
           CALL AFFT (P,N,-1,INV,S,IFERR)
         DO II=1,N
            WRITE(8) P(II)
         ENDDO

           DO II=1,JJ2
            PCOMPLEX1(II)=0.0
         ENDDO
           DO II=JJ3,N2+1
            PCOMPLEX1(II)=0.0
         ENDDO
         DO II=1,N2+1
            JODD=2*II-1
            JEVEN=2*II
            P(JODD)=REAL(PCOMPLEX1(II))
            P(JEVEN)=IMAG(PCOMPLEX1(II))
         ENDDO
           CALL AFFT (P,N,-1,INV,S,IFERR)
         DO II=1,N
            WRITE(9) P(II)
         ENDDO
      ENDIF
500 CONTINUE
501 CONTINUE
    REWIND (8)
    REWIND (9)
    REWIND (8)
    WRITE (6,'(A)') '      MP          STD(1)      STD(2)      DLI '
    J2=INT(K/2112)*2112
    J=1
    I=1
600 X=0.0
    X3=0.0
    SUMX=0.0
    SUMX1=0.0
```

```
  605 READ(8) P(I)
      READ(9) P1(I)
      SUMX=SUMX+P(I)
      X=X+P(I)**2
      SUMX1=SUMX1+P1(I)
      X3=X3+P1(I)**2
      J1=J*2112
      IF (I .EQ. J1) GOTO 610
      I=I+1
      GOTO 605
  610 XMEAN=SUMX/2112.0
      XMEANS=XMEAN**2
      XMEAN1=SUMX1/2112.0
      XMEANS1=XMEAN1**2
      VAR1=(X-2112*XMEANS)/(2112-1)
      VAR2=(X3-2112*XMEANS1)/(2112-1)
      DLI=SQRT((VAR1+VAR2*14.0))
      X1=J/10.0
      X2=X1-0.1
      WRITE(6,620) X2,' - ',X1, DLI
      J=J+1
      IF (I .LT. J2) GOTO 600
  620 FORMAT (F4.1,A,F4.1,F10.5)
   30 FORMAT (F12.9)
   80 FORMAT (3(F15.6))
      END

      SUBROUTINE AFFT(A,N,KEY,INV,S,IFERR)
C     FAST FOURIER TRANSFORM OF REAL ARRAY(RADIX-2)
C     REQUIRES SUBROUTINES FFT,RFFT,RFSN
C     CODED BY JOHN LYSMER - FEBRUARY 1974 (VERSION 1.29.75)
C
C     INPUT VARIABLES (WHEN KEY=1)
C     A(J)    = REAL ARRAY CONTAINING INPUT FUNCTION - TIME DOMAIN
C             MINIMUM DIMENSION = N+4
C     N       = LENGTH OF A(J) - MUST BE POWER OF 2 - MUST BE .GE. 8
C     KEY     =    1 INDICATES FORWARD TRANSFORM
C             -1 INDICATES INVERSE TRANSFORM
C     INV(J)  = SCRATCH ARRAY - MINIMUM DIMENSION = N/8+1
C     S(J)    = SCRATCH ARRAY - MINIMUM DIMENSION = N/8+1
C
C     OUTPUT VARIABLES (WHEN KEY=1)
C     A(K)    = FOURIER TRANSFORM OF A(J) ABOVE - FREQUENCY DOMAIN
C             A(2*J+1) CONTAINS THE REAL PARTS, AND
C             A(2*J+2) CONTAINS THE IMAGINARY PARTS OF
C             THE COMPLEX AMPLITUDES OF THE FOURIER EXPANSION
C             A(T) = SUM(REAL PART OF(AMPLITUDE*EXP(I*OMEGA(J)*T)))
C             WHERE J RUNS FROM ZERO TO N/2
C     IFERR   = 0 INDICATES NORMAL RETURN
C           = 1 INDICATES ERROR RETURN
C
C     WHEN KEY = -1 THE A(J)-DESCRIPTIONS UNDER INPUT AND OUTPUT
C     VARIABLES SHOULD BE INTERCHANGED
C     IN BOTH CASES N REMAINS THE NUMBER OF POINTS IN THE TIME DOMAIN
C
C     REAL*8 A,INV,S
      IMPLICIT DOUBLE PRECISION (A-H,O-Z)
```

```
      DIMENSION A(1),INV(1),S(1)
C
C     CHECK N AND COMPUTE M
C
      IF(N.LT.1) GO TO 2
      IFERR=0
      I=N
      M=0
    1 J=I
      I=I/2
      IF(J.NE.2*I) GO TO 2
      IF(I.EQ.1) GO TO 3
      M=M+1
      GO TO 1
    2 IFERR=1
      PRINT 1000,N
      RETURN
    3 IF(M.LT.2) GO TO 2
C
C     FORWARD TRANSFORM FOR N.GE.8
C
      IF(KEY.EQ.-1) GO TO 5
      CALL RFFT(A,M,INV,S,IFERR,1)
      RETURN
C
C     INVERSE TRANSFORM FOR N.GE.8
C
    5 CALL RFSN(A,M,INV,S,IFERR,-1)
      RETURN
C
 1000 FORMAT(3H0N=,I5,25H ILLEGAL ARGUMENT TO AFFT)
      END
      SUBROUTINE FFT (A,M,INV,S,IFSET,IFERR)
      IMPLICIT DOUBLE PRECISION (A-H,O-Z)
C     REAL*8 A,S,W,W2,W3
      DIMENSION A(1),INV(1),S(1),N(3),M(3),NP(3),W(2),W2(2),W3(2)
      EQUIVALENCE (N1,N(1)), (N2,N(2)), (N3,N(3))
      M1=M(1)
      M2=M(2)
      M3=M(3)
      MTT=M1-2
      MT=MAX0(2,MTT)
      NT=2**MT
10    IF (IABS(IFSET)-1) 610,610,20
610   MT=MAX0(M(1),M(2),M(3))-2
      MT=MAX0(2,MT)
      IF (MT-20) 630,630,620
620   IFERR=1
      GO TO 600
630   IFERR=0
      NT=2**MT
      NTV2=NT/2
      THETA=.7853981634
      JSTEP=NT
      JDIF=NTV2
      S(JDIF)=SIN(THETA)
      DO 660 L=2,MT
```

```
      THETA=THETA/2.
      JSTEP2=JSTEP
      JSTEP=JDIF
      JDIF=JSTEP/2
      S(JDIF)=SIN(THETA)
      JC1=NT-JDIF
      S(JC1)=COS(THETA)
      JLAST=NT-JSTEP2
      IF (JLAST-JSTEP) 660,640,640
640   DO 650 J=JSTEP,JLAST,JSTEP
      JC=NT-J
      JD=J+JDIF
650   S(JD)=S(J)*S(JC1)+S(JDIF)*S(JC)
660   CONTINUE
C
C     SET UP INV(J) TABLE
      MTLEXP=NTV2
      LM1EXP=1
      INV(1)=0
      DO 680 L=1,MT
      INV(LM1EXP+1)=MTLEXP
      DO 670 J=2,LM1EXP
      JJ=J+LM1EXP
670   INV(JJ)=INV(J)+MTLEXP
      MTLEXP=MTLEXP/2
680   LM1EXP=LM1EXP*2
      IF (IFSET) 20,600,20
20    MTT=MAX0(M(1),M(2),M(3))-2
      ROOT2=SQRT(2.)
      IF (MTT-MT) 40,40,30
30    IFERR=1
      PRINT 1000
      STOP
 1000 FORMAT(31H --- ERROR IN FOURIER TRANSFORM  )
40    IFERR=0
C     M1=M(1)
C     M2=M(2)
C     M3=M(3)
      N1=2**M1
      N2=2**M2
      N3=2**M3
      IF (IFSET) 50,50,70
50    NX=N1*N2*N3
      FN=NX
      DO 60 I=1,NX
      A(2*I-1)=A(2*I-1)/FN
60    A(2*I)=-A(2*I)/FN
70    NP(1)=N1*2
      NP(2)=NP(1)*N2
      NP(3)=NP(2)*N3
      DO 330 ID=1,3
      IL=NP(3)-NP(ID)
      IL1=IL+1
      MI=M(ID)
      IF (MI) 330,330,80
80    IDIF=NP(ID)
      KBIT=NP(ID)
```

```
      MEV=2*(MI/2)
      IF (MI-MEV) 120,120,90
90    KBIT=KBIT/2
      KL=KBIT-2
      DO 100 I=1,IL1,IDIF
      KLAST=KL+I
      DO 100 K=I,KLAST,2
      KD=K+KBIT
      T=A(KD)
      A(KD)=A(K)-T
      A(K)=A(K)+T
      T=A(KD+1)
      A(KD+1)=A(K+1)-T
100   A(K+1)=A(K+1)+T
      IF (MI-1) 330,330,110
110   LFIRST=3
      JLAST=1
      GO TO 130
120   LFIRST=2
      JLAST=0
130   DO 320 L=LFIRST,MI,2
      JJDIF=KBIT
      KBIT=KBIT/4
      KL=KBIT-2
      DO 140 I=1,IL1,IDIF
      KLAST=I+KL
      DO 140 K=I,KLAST,2
      K1=K+KBIT
      K2=K1+KBIT
      K3=K2+KBIT
      T=A(K2)
      A(K2)=A(K)-T
      A(K)=A(K)+T
      T=A(K2+1)
      A(K2+1)=A(K+1)-T
      A(K+1)=A(K+1)+T
      T=A(K3)
      A(K3)=A(K1)-T
      A(K1)=A(K1)+T
      T=A(K3+1)
      A(K3+1)=A(K1+1)-T
      A(K1+1)=A(K1+1)+T
      T=A(K1)
      A(K1)=A(K)-T
      A(K)=A(K)+T
      T=A(K1+1)
      A(K1+1)=A(K+1)-T
      A(K+1)=A(K+1)+T
      R=-A(K3+1)
      T=A(K3)
      A(K3)=A(K2)-R
      A(K2)=A(K2)+R
      A(K3+1)=A(K2+1)-T
140   A(K2+1)=A(K2+1)+T
      IF (JLAST) 310,310,150
150   JJ=JJDIF+1
      ILAST=IL+JJ
```

```
      DO 160 I=JJ,ILAST,IDIF
      KLAST=KL+I
      DO 160 K=I,KLAST,2
      K1=K+KBIT
      K2=K1+KBIT
      K3=K2+KBIT
      R=-A(K2+1)
      T=A(K2)
      A(K2)=A(K)-R
      A(K)=A(K)+R
      A(K2+1)=A(K+1)-T
      A(K+1)=A(K+1)+T
      AWR=A(K1)-A(K1+1)
      AWI=A(K1+1)+A(K1)
      R=-A(K3)-A(K3+1)
      T=A(K3)-A(K3+1)
      A(K3)=(AWR-R)/ROOT2
      A(K3+1)=(AWI-T)/ROOT2
      A(K1)=(AWR+R)/ROOT2
      A(K1+1)=(AWI+T)/ROOT2
      T=A(K1)
      A(K1)=A(K)-T
      A(K)=A(K)+T
      T=A(K1+1)
      A(K1+1)=A(K+1)-T
      A(K+1)=A(K+1)+T
      R=-A(K3+1)
      T=A(K3)
      A(K3)=A(K2)-R
      A(K2)=A(K2)+R
      A(K3+1)=A(K2+1)-T
160   A(K2+1)=A(K2+1)+T
      IF (JLAST-1) 310,310,170
170   JJ=JJ+JJDIF
      DO 300 J=2,JLAST
      I=INV(J+1)
      IC=NT-I
      W(1)=S(IC)
      W(2)=S(I)
      I2=2*I
      I2C=NT-I2
      IF (I2C) 200,190,180
180   W2(1)=S(I2C)
      W2(2)=S(I2)
      GO TO 210
190   W2(1)=0.
      W2(2)=1.
      GO TO 210
200   I2CC=I2C+NT
      I2C=-I2C
      W2(1)=-S(I2C)
      W2(2)=S(I2CC)
210   I3=I+I2
      I3C=NT-I3
      IF (I3C) 240,230,220
220   W3(1)=S(I3C)
      W3(2)=S(I3)
```

```
      GO TO 280
230   W3(1)=0.
      W3(2)=1.
      GO TO 280
240   I3CC=I3C+NT
      IF (I3CC) 270,260,250
250   I3C=-I3C
      W3(1)=-S(I3C)
      W3(2)=S(I3CC)
      GO TO 280
260   W3(1)=-1.
      W3(2)=0.
      GO TO 280
270   I3CCC=NT+I3CC
      I3CC=-I3CC
      W3(1)=-S(I3CCC)
      W3(2)=-S(I3CC)
280   ILAST=IL+JJ
      DO 290 I=JJ,ILAST,IDIF
      KLAST=KL+I
      DO 290 K=I,KLAST,2
      K1=K+KBIT
      K2=K1+KBIT
      K3=K2+KBIT
      R=A(K2)*W2(1)-A(K2+1)*W2(2)
      T=A(K2)*W2(2)+A(K2+1)*W2(1)
      A(K2)=A(K)-R
      A(K)=A(K)+R
      A(K2+1)=A(K+1)-T
      A(K+1)=A(K+1)+T
      R=A(K3)*W3(1)-A(K3+1)*W3(2)
      T=A(K3)*W3(2)+A(K3+1)*W3(1)
      AWR=A(K1)*W(1)-A(K1+1)*W(2)
      AWI=A(K1)*W(2)+A(K1+1)*W(1)
      A(K3)=AWR-R
      A(K3+1)=AWI-T
      A(K1)=AWR+R
      A(K1+1)=AWI+T
      T=A(K1)
      A(K1)=A(K)-T
      A(K)=A(K)+T
      T=A(K1+1)
      A(K1+1)=A(K+1)-T
      A(K+1)=A(K+1)+T
      R=-A(K3+1)
      T=A(K3)
      A(K3)=A(K2)-R
      A(K2)=A(K2)+R
      A(K3+1)=A(K2+1)-T
290   A(K2+1)=A(K2+1)+T
300   JJ=JJDIF+JJ
310   JLAST=4*JLAST+3
320   CONTINUE
330   CONTINUE
      NTSQ=NT*NT
      M3MT=M3-MT
      IF (M3MT) 350,340,340
```

```
340   IGO3=1
      N3VNT=N3/NT
      MINN3=NT
      GO TO 360
350   IGO3=2
      N3VNT=1
      NTVN3=NT/N3
      MINN3=N3
360   JJD3=NTSQ/N3
      M2MT=M2-MT
      IF (M2MT) 380,370,370
370   IGO2=1
      N2VNT=N2/NT
      MINN2=NT
      GO TO 390
380   IGO2=2
      N2VNT=1
      NTVN2=NT/N2
      MINN2=N2
390   JJD2=NTSQ/N2
      M1MT=M1-MT
      IF (M1MT) 410,400,400
400   IGO1=1
      N1VNT=N1/NT
      MINN1=NT
      GO TO 420
410   IGO1=2
      N1VNT=1
      NTVN1=NT/N1
      MINN1=N1
420   JJD1=NTSQ/N1
      JJ3=1
      J=1
      DO 570 JPP3=1,N3VNT
      IPP3=INV(JJ3)
      DO 560 JP3=1,MINN3
      GO TO (430,440), IGO3
430   IP3=INV(JP3)*N3VNT
      GO TO 450
440   IP3=INV(JP3)/NTVN3
450   I3=(IPP3+IP3)*N2
      JJ2=1
      DO 560 JPP2=1,N2VNT
      IPP2=INV(JJ2)+I3
      DO 550 JP2=1,MINN2
      GO TO (460,470), IGO2
460   IP2=INV(JP2)*N2VNT
      GO TO 480
470   IP2=INV(JP2)/NTVN2
480   I2=(IPP2+IP2)*N1
      JJ1=1
      DO 550 JPP1=1,N1VNT
      IPP1=INV(JJ1)+I2
      DO 540 JP1=1,MINN1
      GO TO (490,500), IGO1
490   IP1=INV(JP1)*N1VNT
      GO TO 510
```

```
500   IP1=INV(JP1)/NTVN1
510   I=2*(IPP1+IP1)+1
      IF (J-I) 520,530,530
520   T=A(I)
      A(I)=A(J)
      A(J)=T
      T=A(I+1)
      A(I+1)=A(J+1)
      A(J+1)=T
530   CONTINUE
540   J=J+2
550   JJ1=JJ1+JJD1
560   JJ2=JJ2+JJD2
570   JJ3=JJ3+JJD3
      IF (IFSET) 580,600,600
580   DO 590 I=1,NX
590   A(2*I)=-A(2*I)
600   RETURN
      END
      SUBROUTINE RFFT (A,M,INV,S,IFERR,IFSET)
      IMPLICIT DOUBLE PRECISION (A-H,O-Z)
C     REAL*8 A,S
      DIMENSION A(1), L(3), INV(1), S(1)
C     IFSET=1
      L(1)=M
      L(2)=0
      L(3)=0
      NTOT=2**M
      NTOT2=2*NTOT
      FN=NTOT
      DO 10 I=2,NTOT2,2
10    A(I)=-A(I)
      DO 20 I=1,NTOT2
20    A(I)=A(I)/FN
      CALL FFT (A,L,INV,S,IFSET,IFERR)
C
C     MOVE LAST HALF OF A(J)S DOWN ONE SLOT AND ADD A(N) AT BOTTOM TO
C     GIVE ARRAY FOR A1PRIME AND A2PRIME CALCULATION
C
      DO 30 I=1,NTOT,2
      J0=NTOT2+2-I
      A(J0)=A(J0-2)
30    A(J0+1)=A(J0-1)
      A(NTOT2+3)=A(1)
      A(NTOT2+4)=A(2)
C
C     CALCULATE A1PRIMES AND STORE IN FIRST N SLOTS
C     CALCULATE A2PRIMES AND STORE IN SECOND N SLOTS IN REVERSE ORDER
      K0=NTOT+1
      DO 40 I=1,K0,2
      K1=NTOT2-I+4
      AP1RE=.5*(A(I)+A(K1))
      AP2RE=-.5*(A(I+1)+A(K1+1))
      AP1IM=.5*(-A(I+1)+A(K1+1))
      AP2IM=-.5*(A(I)-A(K1))
      A(I)=AP1RE
      A(I+1)=AP1IM
```

```
      A(K1)=AP2RE
40    A(K1+1)=AP2IM
      NTO=NTOT/2
      NT=NTO+1
      DEL=3.1415927/FLOAT(NTOT)
      SS=SIN(DEL)
      SC=COS(DEL)
      SI=0.0
      CO=1.0
C
C     COMPUTE C(J)S FOR J=0 THRU J=N
      DO 50 I=1,NT
      K6=NTOT2-2*I+5
      AP2RE=A(K6)*CO+A(K6+1)*SI
      AP2IM=-A(K6)*SI+A(K6+1)*CO
      CIRE=.5*(A(2*I-1)+AP2RE)
      CIIM=.5*(A(2*I)+AP2IM)
      CNIRE=.5*(A(2*I-1)-AP2RE)
      CNIIM=.5*(A(2*I)-AP2IM)
      A(2*I-1)=CIRE
      A(2*I)=CIIM
      A(K6)=CNIRE
      A(K6+1)=-CNIIM
      SIS=SI
      SI=SI*SC+CO*SS
50    CO=CO*SC-SIS*SS
C
C     SHIFT C(J)S FOR J=N/2+1 TO J=N UP ONE SLOT
      DO 60 I=1,NTOT,2
      K8=NTOT+4+I
      A(K8-2)=A(K8)
60    A(K8-1)=A(K8+1)
      DO 70 I=3,NTOT2,2
      A(I)=2.*A(I)
70    A(I+1)= 2.*A(I+1)
      RETURN
      END
      SUBROUTINE RFSN (A,M,INV,S,IFERR,IFSET)
      IMPLICIT DOUBLE PRECISION (A-H,O-Z)
C     REAL*8 A,S
      DIMENSION A(1),L(3),INV(1),S(1)
      L(1)=M
      L(2)=0
      L(3)=0
      NTOT=2**M
C     IFSET=-1
      NTOT2=NTOT+NTOT
      NN=NTOT2+2
      A(NN+2)=A(NN)
      A(NN+1)=A(NN-1)
      FN=NTOT
      NTOT3=NTOT2+4
      DO 70 I=3,NTOT2,2
      A(I)=0.5* A(I)
   70 A(I+1)= .5*A(I+1)
      DO 60 I=1,NTOT,2
      K8=NTOT2+2-I
```

```
      A(K8)= A(K8-2)
   60 A(K8+1)=A(K8-1)
      NTO=NTOT/ 2
      NT=NTO+1
      DEL=3.14159265/FN
      SS= SIN(DEL)
      SC= COS(DEL)
      SI=0.
      CO =1.0
      DO 50 I=1,NT
      K6=NTOT2-2*I+5
      CIRE= A(2*I-1) + A(K6)
      CIIM=A(2*I)-A(K6+1)
      CNIRE=(-SI*(A(2*I)+A(K6+1))+CO*(A(2*I-1)-A(K6)))
      IF(SI)62,61,62
   62 CNIIM=(A(2*I-1)-A(K6)-CO*CNIRE)/SI
      GO TO 63
   61 CNIIM=0.
   63 A(2*I-1)=CIRE
      A(2*I)=CIIM
      A(K6)=CNIRE
      A(K6+1)=CNIIM
      SIS=SI
      SI=SI*SC+CO*SS
   50 CO=CO*SC-SIS*SS
      KO=NTOT+1
      DO 40 I=1,KO,2
      K1=NTOT2-I+4
      AP1RE=A(I)-A(K1+1)
      AP2RE=-(A(I+1)+A(K1))
      AP1IM=A(I)+A(K1+1)
      AP2IM=A(I+1)-A(K1)
      A(I)=AP1RE
      A(I+1)=AP2RE
      A(K1)=AP1IM
   40 A(K1+1)=AP2IM
      NTOP=NTOT2+2
      NT00=NTOT+1
      A(1)=A(NTOT2+3)
      A(2)=A(NTOT2+4)
   21 DO 52 I=NT00,NTOP,2
      A(I)=A(I+2)
   52 A(I+1)=A(I+3)
      CALL  FFT(A,L,INV,S,IFSET,IFERR)
      DO 20 I=1,NTOT2
   20 A(I)=A(I)*FN
      DO 10 I=2,NTOT2,2
   10 A(I)=-A(I)
      RETURN
      END
```

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