

APPENDIX 1

PROJECT 187-1

TEXAS TRANSPORTATION INSTITUTE

SERVICEABILITY INDEX VALUES

MOISTURE BARRIER SITES

OCTOBER 1985

District 15 - IH-10
- IH-37
- US-281
- Loop 410
- General Mc Mullen

IH-10-1 SAN ANTONIO OCT'85 WEST-CTRL EASTBOUND, OUTSIDE LANE, BOTH PATHS, 1A

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.58 IN. AT 1.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.74	54.07	63.40	2.92
1.0	20.96	16.17	18.57	3.31
2.0	5.29	5.19	5.24	4.05
4.0	1.77	1.84	1.80	4.13
8.0	0.74	0.83	0.78	3.62
16.0	0.55	0.57	0.56	2.93
32.0	0.37	0.34	0.36	2.40
64.0	0.17	0.16	0.16	2.36
128.0	0.02	0.02	0.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 46.05

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

12 46.05 4.17 63.40 18.57 5.241 1.802 0.7839 0.5561 0.3556 0.1641 0.0239

IH-10-1 SAN ANTONIO OCT'85 TEST EASTBOUND, OUTSIDE LANE, BOTH PATHS, 1B

1056 FT. SECTION BEGINS 756 FT. FROM MARK 0 IN FILE .1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.32 IN. AT 433.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.59	52.72	64.16	2.91
1.0	20.85	15.61	18.23	3.34
2.0	4.98	4.59	4.78	4.21
4.0	1.74	1.51	1.62	4.30
8.0	0.59	0.64	0.61	3.91
16.0	0.41	0.39	0.40	3.40
32.0	0.30	0.27	0.28	2.80
64.0	0.16	0.14	0.15	2.55
128.0	0.02	0.02	0.02	3.72

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

12 33.44 4.36 64.16 18.23 4.784 1.622 0.6150 0.4026 0.2846 0.1467 0.0169

IH-10-1 SAN ANTONIO OCT'85 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,1C

1056 FT. SECTION BEGINS 1812 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 419.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.89	42.16	59.03	2.97
1.0	20.77	13.13	16.95	3.43
2.0	4.87	4.24	4.56	4.30
4.0	1.69	1.44	1.57	4.35
8.0	0.56	0.57	0.57	3.99
16.0	0.35	0.35	0.35	3.59
32.0	0.22	0.22	0.22	3.20
64.0	0.09	0.09	0.09	3.23
128.0	0.02	0.02	0.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

12 29.21 4.20 59.03 16.95 4.556 1.568 0.5664 0.3490 0.2213 0.0916 0.0239

IH-10-1 SAN ANTONIO OCT'85 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,1D

1056 FT. SECTION BEGINS 2868 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 615.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.42	45.94	60.68	2.95
1.0	21.47	13.95	17.71	3.37
2.0	5.12	4.37	4.74	4.23
4.0	1.83	1.64	1.74	4.19
8.0	0.62	0.66	0.64	3.86
16.0	0.32	0.32	0.32	3.68
32.0	0.20	0.19	0.19	3.40
64.0	0.10	0.08	0.09	3.25
128.0	0.02	0.02	0.02	3.67

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

12 31.27 4.31 60.68 17.71 4.744 1.736 0.6407 0.3213 0.1919 0.0900 0.0181

IH-10-1 SAN ANTONIO OCT'85 TEST EASTBOUND, OUTSIDE LANE, BOTH PATHS, 1E

1056 FT. SECTION BEGINS 3924 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 259.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.86	42.72	59.29	2.97
1.0	21.66	13.37	17.52	3.39
2.0	5.02	4.06	4.54	4.30
4.0	1.82	1.58	1.70	4.22
8.0	0.63	0.70	0.66	3.82
16.0	0.40	0.43	0.41	3.37
32.0	0.26	0.27	0.26	2.92
64.0	0.12	0.12	0.12	2.81
128.0	0.02	0.02	0.02	3.45

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.76

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.20

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

12 35.76 4.19 59.29 17.52 4.541 1.700 0.6643 0.4140 0.2649 0.1239 0.0235

IH-10-1 SAN ANTONIO OCT'85 TEST EASTBOUND, OUTSIDE LANE, BOTH PATHS, 1F

1056 FT. SECTION BEGINS 4980 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 898.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.57	43.62	58.09	2.98
1.0	20.80	13.12	16.96	3.43
2.0	4.99	3.91	4.45	4.34
4.0	1.73	1.37	1.55	4.36
8.0	0.54	0.55	0.54	4.03
16.0	0.30	0.28	0.29	3.80
32.0	0.18	0.17	0.17	3.53
64.0	0.09	0.08	0.09	3.29
128.0	0.02	0.02	0.02	3.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

12 25.46 4.22 58.09 16.96 4.446 1.554 0.5448 0.2883 0.1741 0.0873 0.0231

IH-10-1 SAN ANTONIO OCT'85 TEST EASTBOUND, OUTSIDE LANE, BOTH PATHS, 1G

820 FT. SECTION BEGINS 6036 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 645.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.19	41.88	59.53	2.96
1.0	21.59	13.10	17.35	3.40
2.0	5.00	3.82	4.41	4.35
4.0	1.73	1.35	1.54	4.37
8.0	0.59	0.59	0.59	3.95
16.0	0.35	0.39	0.37	3.52
32.0	0.22	0.25	0.23	3.11
64.0	0.08	0.09	0.09	3.30
128.0	0.01	0.01	0.01	3.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.37

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.44

12 29.73 4.44 59.53 17.35 4.411 1.543 0.5887 0.3677 0.2337 0.0866 0.0138

IH-10-1 SAN ANTONIO OCT'85 MID-CTRL EASTBOUND, OUTSIDE LANE, BOTH PATHS, 1H

421 FT. SECTION BEGINS 6856 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 297.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	78.29	42.88	60.59	2.95
1.0	21.64	13.75	17.69	3.37
2.0	5.42	4.49	4.95	4.15
4.0	2.01	1.68	1.85	4.09
8.0	0.69	0.65	0.67	3.81
16.0	0.33	0.27	0.30	3.75
32.0	0.17	0.15	0.16	3.64
64.0	0.06	0.05	0.06	3.74
128.0	0.01	0.01	0.01	4.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.51

12 32.57 4.51 60.59 17.69 4.953 1.845 0.6726 0.3027 0.1585 0.0563 0.0091

IH-10-1 SAN ANTONIO OCT'85 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,1I

819 FT. SECTION BEGINS 7277 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 542.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.03	44.33	60.18	2.95
1.0	21.03	13.66	17.34	3.40
2.0	5.08	4.24	4.66	4.26
4.0	1.79	1.43	1.61	4.31
8.0	0.54	0.50	0.52	4.08
16.0	0.29	0.28	0.29	3.81
32.0	0.17	0.15	0.16	3.65
64.0	0.08	0.07	0.07	3.47
128.0	0.02	0.02	0.02	3.76

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.53

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.45

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

12 26.53 4.38 60.18 17.34 4.658 1.611 0.5183 0.2856 0.1571 0.0745 0.0160

IH-10-1 SAN ANTONIO OCT'85 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,1J

819 FT. SECTION BEGINS 8096 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.64 IN. AT 744.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.06	90.52	83.79	2.68
1.0	21.73	24.08	22.90	3.03
2.0	5.35	6.56	5.96	3.80
4.0	1.91	1.99	1.95	3.99
8.0	0.64	0.71	0.68	3.80
16.0	0.41	0.41	0.41	3.38
32.0	0.30	0.27	0.29	2.78
64.0	0.17	0.15	0.16	2.39
128.0	0.05	0.04	0.05	2.63

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 41.08

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.06

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.62

12 41.08 3.62 83.79 22.90 5.956 1.953 0.6754 0.4114 0.2876 0.1613 0.0467

IH-10-1 SAN ANTONIO OCT '85 ^{Egk} WEST-CTRL EASTBOUND, OUTSIDE LANE, BOTH PATHS, 1K
 1056 FT. SECTION BEGINS 8915 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.35 IN. AT 435.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.25	54.79	63.52	2.91
1.0	20.51	16.05	18.28	3.33
2.0	4.92	4.80	4.86	4.19
4.0	1.70	1.64	1.67	4.25
8.0	0.54	0.60	0.57	3.99
16.0	0.33	0.32	0.32	3.67
32.0	0.23	0.22	0.23	3.16
64.0	0.12	0.11	0.12	2.89
128.0	0.03	0.03	0.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.00

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.09

12 30.00 4.09 63.52 18.28 4.861 1.670 0.5699 0.3243 0.2275 0.1175 0.0280

IH-10-1 SAN ANTONIO OCT '85 ^{Egk} WEST-CTRL EASTBOUND, OUTSIDE LANE, BOTH PATHS, 1L
 1016 FT. SECTION BEGINS 9971 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.74 IN. AT 1015.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	91.15	46.66	68.91	2.85
1.0	27.56	14.34	20.95	3.15
2.0	5.67	4.37	5.02	4.13
4.0	1.96	1.59	1.78	4.15
8.0	0.62	0.60	0.61	3.92
16.0	0.36	0.33	0.34	3.61
32.0	0.25	0.21	0.23	3.11
64.0	0.14	0.11	0.12	2.80
128.0	0.02	0.02	0.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

12 33.42 4.30 68.91 20.95 5.023 1.777 0.6069 0.3435 0.2340 0.1247 0.0185

IH-10-2 SAN ANTONIO OCT '85 ^{East} WEST-CTRL WESTBOUND, OUTSIDE LANE, BOTH PATHS, 2A

1177 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.68 IN. AT 4.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	88.33	59.71	74.02	2.79
1.0	26.04	18.39	22.21	3.07
2.0	6.26	6.06	6.16	3.73
4.0	2.12	2.12	2.12	3.84
8.0	0.77	0.87	0.82	3.56
16.0	0.53	0.52	0.53	3.02
32.0	0.38	0.37	0.38	2.29
64.0	0.17	0.17	0.17	2.32
128.0	0.01	0.01	0.01	3.92

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 51.18

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.79

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

12 51.18 4.39 74.02 22.21 6.162 2.120 0.8187 0.5255 0.3777 0.1680 0.0122

IH-10-2 SAN ANTONIO OCT '85 ^{East} WEST-CTRL WESTBOUND, OUTSIDE LANE, BOTH PATHS, 2B

1056 FT. SECTION BEGINS 1177 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.51 IN. AT 1038.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.98	62.36	67.67	2.87
1.0	20.44	16.88	18.66	3.31
2.0	4.90	4.50	4.70	4.24
4.0	1.73	1.45	1.59	4.33
8.0	0.62	0.61	0.62	3.91
16.0	0.42	0.40	0.41	3.39
32.0	0.28	0.27	0.27	2.86
64.0	0.12	0.12	0.12	2.87
128.0	0.02	0.02	0.02	3.63

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.91

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.28

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

12 32.91 4.31 67.67 18.66 4.697 1.588 0.6154 0.4064 0.2732 0.1194 0.0191

IH-10-2 SAN ANTONIO OCT'85 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,2C

788 FT. SECTION BEGINS 2233 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.49 IN. AT 657.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.33	71.54	72.94	2.81
1.0	21.50	19.69	20.59	3.18
2.0	5.05	5.20	5.13	4.09
4.0	1.78	1.62	1.70	4.22
8.0	0.61	0.65	0.63	3.88
16.0	0.40	0.41	0.41	3.39
32.0	0.28	0.29	0.29	2.78
64.0	0.16	0.16	0.16	2.37
128.0	0.04	0.04	0.04	2.94

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.33

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.22

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.87

12 35.33 3.87 72.94 20.59 5.127 1.701 0.6330 0.4061 0.2880 0.1629 0.0373

IH-10-2 SAN ANTONIO OCT'85 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,2D

788 FT. SECTION BEGINS 3021 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 147.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.93	44.13	60.03	2.96
1.0	22.03	14.13	18.08	3.35
2.0	5.39	4.84	5.11	4.09
4.0	1.82	1.80	1.81	4.12
8.0	0.59	0.68	0.63	3.87
16.0	0.36	0.37	0.37	3.53
32.0	0.24	0.24	0.24	3.10
64.0	0.12	0.11	0.12	2.91
128.0	0.02	0.02	0.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.33

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.22

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

12 35.33 4.31 60.03 18.08 5.113 1.809 0.6348 0.3651 0.2359 0.1156 0.0176

IH-10-2 SAN ANTONIO OCT'85 MID-CTRL WESTBOUND,OUTSIDE LANE,BOTH PATHS,2E

352 FT. SECTION BEGINS 3809 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.27 IN. AT 101.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.46	59.83	67.65	2.87
1.0	20.91	16.66	18.78	3.30
2.0	5.09	4.56	4.83	4.20
4.0	1.69	1.43	1.56	4.35
8.0	0.54	0.55	0.55	4.03
16.0	0.37	0.36	0.37	3.53
32.0	0.26	0.27	0.26	2.93
64.0	0.12	0.12	0.12	2.82
128.0	0.01	0.01	0.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.43

12 30.06 4.43 67.65 18.78 4.827 1.562 0.5457 0.3661 0.2632 0.1227 0.0142

IH-10-2 SAN ANTONIO OCT'85 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,2F

1056 FT. SECTION BEGINS 4161 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.39 IN. AT 769.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.51	60.03	66.77	2.88
1.0	20.45	16.24	18.35	3.33
2.0	4.76	4.47	4.62	4.27
4.0	1.65	1.44	1.54	4.37
8.0	0.51	0.55	0.53	4.06
16.0	0.32	0.30	0.31	3.73
32.0	0.21	0.20	0.21	3.30
64.0	0.10	0.10	0.10	3.14
128.0	0.02	0.02	0.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.43

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

12 26.43 4.30 66.77 18.35 4.617 1.544 0.5298 0.3092 0.2059 0.0981 0.0200

IH-10-2 SAN ANTONIO OCT'85 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,2G

1056 FT. SECTION BEGINS 5217 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.19 IN. AT 1004.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	71.15	43.09	57.12	2.99
1.0	20.17	13.14	16.65	3.45
2.0	4.80	3.82	4.31	4.38
4.0	1.61	1.41	1.51	4.40
8.0	0.47	0.55	0.51	4.10
16.0	0.28	0.24	0.26	3.91
32.0	0.20	0.17	0.18	3.47
64.0	0.10	0.08	0.09	3.25
128.0	0.02	0.01	0.02	3.76

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 22.74

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

12 22.74 4.40 57.12 16.65 4.312 1.510 0.5063 0.2571 0.1824 0.0898 0.0160

IH-10-2 SAN ANTONIO OCT'85 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,2H

1056 FT. SECTION BEGINS 6273 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.18 IN. AT 770.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.77	42.69	58.23	2.98
1.0	21.55	12.96	17.25	3.41
2.0	5.10	3.74	4.42	4.35
4.0	1.81	1.37	1.59	4.32
8.0	0.64	0.66	0.65	3.85
16.0	0.42	0.45	0.44	3.30
32.0	0.30	0.32	0.31	2.66
64.0	0.14	0.15	0.15	2.56
128.0	0.03	0.03	0.03	3.04

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.96

12 34.70 3.96 58.23 17.25 4.419 1.594 0.6486 0.4355 0.3073 0.1450 0.0344

IH-10-2 SAN ANTONIO OCT'85 TEST WESTBOUND, OUTSIDE LANE, BOTH PATHS, 2I

1056 FT. SECTION BEGINS 7329 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 731.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.62	44.84	59.23	2.97
1.0	20.95	12.75	16.85	3.43
2.0	4.91	3.64	4.28	4.40
4.0	1.79	1.38	1.59	4.33
8.0	0.69	0.66	0.68	3.80
16.0	0.45	0.42	0.43	3.30
32.0	0.27	0.26	0.27	2.90
64.0	0.11	0.11	0.11	3.00
128.0	0.02	0.02	0.02	3.67

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.34

12 34.45 4.34 59.23 16.85 4.276 1.588 0.6771 0.4334 0.2677 0.1089 0.0181

IH-10-2 SAN ANTONIO OCT'85 TEST WESTBOUND, OUTSIDE LANE, BOTH PATHS, 2J

1056 FT. SECTION BEGINS 8385 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.26 IN. AT 873.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.58	49.96	63.27	2.92
1.0	21.51	15.38	18.44	3.32
2.0	5.18	4.03	4.61	4.28
4.0	1.82	1.53	1.68	4.25
8.0	0.63	0.65	0.64	3.87
16.0	0.39	0.37	0.38	3.48
32.0	0.25	0.23	0.24	3.07
64.0	0.11	0.10	0.10	3.08
128.0	0.02	0.02	0.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

12 33.35 4.23 63.27 18.44 4.606 1.675 0.6383 0.3810 0.2411 0.1026 0.0221

IH-10-2 SAN ANTONIO OCT'85 TEST WESTBOUND, OUTSIDE LANE, BOTH PATHS, 2K

820 FT. SECTION BEGINS 9441 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 387.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.12	41.94	58.03	2.98
1.0	21.23	12.90	17.06	3.42
2.0	5.05	3.74	4.39	4.35
4.0	1.76	1.37	1.56	4.35
8.0	0.54	0.52	0.53	4.05
16.0	0.32	0.30	0.31	3.73
32.0	0.21	0.20	0.21	3.29
64.0	0.10	0.09	0.09	3.19
128.0	0.02	0.02	0.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.45

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

12 26.77 4.30 58.03 17.06 4.394 1.563 0.5337 0.3080 0.2074 0.0942 0.0200

IH-10-2 SAN ANTONIO OCT'85 ^{West} EAST-CTRL WESTBOUND, OUTSIDE LANE, BOTH PATHS, 2L

756 FT. SECTION BEGINS 10261 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.33 IN. AT 553.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.39	228.67	153.03	2.02
1.0	21.51	50.13	35.82	2.31
2.0	5.22	16.88	11.05	2.34
4.0	1.86	3.54	2.70	3.34
8.0	0.49	1.15	0.82	3.57
16.0	0.26	0.35	0.30	3.75
32.0	0.16	0.18	0.17	3.56
64.0	0.07	0.07	0.07	3.56
128.0	0.02	0.02	0.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 50.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.80

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

12 50.98 4.13 153.03 35.82 11.051 2.696 0.8162 0.3034 0.1697 0.0681 0.0185

IH-10-3 SAN ANTONIO OCT'85 WEST-CTRL EASTBOUND,CENTER LANE,BOTH PATHS,1A

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.73 IN. AT 510.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.07	97.31	87.19	2.65
1.0	22.13	26.39	24.26	2.94
2.0	5.66	7.15	6.40	3.64
4.0	1.97	2.17	2.07	3.88
8.0	0.69	0.80	0.74	3.69
16.0	0.46	0.46	0.46	3.22
32.0	0.29	0.27	0.28	2.81
64.0	0.14	0.14	0.14	2.61
128.0	0.03	0.03	0.03	3.30

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 46.28

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.92

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.04

12 46.28 4.04 87.19 24.26 6.403 2.070 0.7447 0.4584 0.2822 0.1407 0.0273

IH-10-3 SAN ANTONIO OCT'85 TEST EASTBOUND,CENTER LANE,BOTH PATHS,1B

1056 FT. SECTION BEGINS 756 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.25 IN. AT 434.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.72	48.26	62.49	2.93
1.0	21.33	14.22	17.78	3.37
2.0	5.11	4.28	4.70	4.24
4.0	1.84	1.44	1.64	4.28
8.0	0.65	0.60	0.62	3.90
16.0	0.36	0.34	0.35	3.57
32.0	0.22	0.22	0.22	3.22
64.0	0.11	0.10	0.11	3.03
128.0	0.01	0.01	0.01	3.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

12 30.99 4.45 62.49 17.78 4.697 1.640 0.6222 0.3529 0.2185 0.1060 0.0129

IH-10-3 SAN ANTONIO OCT'85 TEST EASTBOUND,CENTER LANE,BOTH PATHS,1C

1056 FT. SECTION BEGINS 1812 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 116.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.20	43.04	59.12	2.97
1.0	20.63	12.83	16.73	3.44
2.0	4.89	3.83	4.36	4.37
4.0	1.71	1.40	1.55	4.36
8.0	0.52	0.60	0.56	4.00
16.0	0.31	0.34	0.33	3.67
32.0	0.19	0.20	0.20	3.36
64.0	0.08	0.08	0.08	3.32
128.0	0.02	0.02	0.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.43

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.28

12 27.55 4.28 59.12 16.73 4.361 1.551 0.5633 0.3260 0.1983 0.0846 0.0208

IH-10-3 SAN ANTONIO OCT'85 TEST EASTBOUND,CENTER LANE,BOTH PATHS,1D

1056 FT. SECTION BEGINS 2868 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 839.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.82	43.67	58.75	2.97
1.0	20.81	13.24	17.03	3.42
2.0	4.94	4.09	4.51	4.31
4.0	1.81	1.58	1.69	4.23
8.0	0.56	0.60	0.58	3.96
16.0	0.32	0.31	0.32	3.69
32.0	0.18	0.17	0.17	3.53
64.0	0.07	0.07	0.07	3.52
128.0	0.02	0.01	0.01	3.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.19

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

12 30.19 4.40 58.75 17.03 4.513 1.694 0.5831 0.3184 0.1742 0.0712 0.0147

IH-10-3 SAN ANTONIO OCT'85 TEST EASTBOUND,CENTER LANE,BOTH PATHS,1E

1056 FT. SECTION BEGINS 3924 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.45 IN. AT 316.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.45	144.11	110.78	2.40
1.0	21.74	37.53	29.64	2.63
2.0	5.04	9.07	7.06	3.43
4.0	1.74	2.55	2.15	3.81
8.0	0.54	0.81	0.67	3.81
16.0	0.35	0.39	0.37	3.51
32.0	0.26	0.26	0.26	2.94
64.0	0.12	0.11	0.12	2.92
128.0	0.02	0.02	0.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 42.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.01

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

12 42.98 4.15 110.78 29.64 7.057 2.146 0.6739 0.3717 0.2603 0.1152 0.0220

IH-10-3 SAN ANTONIO OCT'85 TEST EASTBOUND,CENTER LANE,BOTH PATHS,3F

1056 FT. SECTION BEGINS 4980 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.60 IN. AT 342.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.90	71.75	74.32	2.79
1.0	21.89	19.68	20.79	3.17
2.0	5.34	5.24	5.29	4.03
4.0	1.84	1.65	1.74	4.18
8.0	0.48	0.52	0.50	4.10
16.0	0.22	0.21	0.22	4.06
32.0	0.14	0.12	0.13	3.84
64.0	0.08	0.07	0.07	3.53
128.0	0.02	0.01	0.02	3.76

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

12 25.42 4.36 74.32 20.79 5.288 1.742 0.5039 0.2164 0.1321 0.0702 0.0159

IH-10-3 SAN ANTONIO OCT'85 TEST EASTBOUND,CENTER LANE,BOTH PATHS,1G

820 FT. SECTION BEGINS 6036 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 764.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.60	47.44	62.02	2.93
1.0	22.10	14.30	18.20	3.34
2.0	5.36	4.04	4.70	4.24
4.0	1.94	1.46	1.70	4.23
8.0	0.58	0.61	0.60	3.94
16.0	0.34	0.37	0.35	3.57
32.0	0.22	0.23	0.23	3.16
64.0	0.09	0.09	0.09	3.22
128.0	0.01	0.02	0.02	3.78

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.34

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

12 32.34 4.38 62.02 18.20 4.700 1.697 0.5980 0.3549 0.2261 0.0924 0.0155

IH-10-3 SAN ANTONIO OCT'85 MID-CTRL EASTBOUND,CENTER LANE,BOTH PATHS,1H

421 FT. SECTION BEGINS 6856 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.24 IN. AT 311.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	85.37	50.48	67.93	2.86
1.0	23.12	14.84	18.98	3.29
2.0	5.36	4.23	4.79	4.21
4.0	1.80	1.40	1.60	4.32
8.0	0.54	0.51	0.52	4.07
16.0	0.23	0.22	0.23	4.02
32.0	0.12	0.13	0.12	3.90
64.0	0.03	0.04	0.04	4.06
128.0	0.01	0.01	0.01	4.18

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 22.92

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.55

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.60

12 22.92 4.60 67.93 18.98 4.794 1.597 0.5243 0.2275 0.1246 0.0365 0.0063

IH-10-3 SAN ANTONIO OCT'85 TEST EASTBOUND,CENTER LANE,BOTH PATHS,1I

819 FT. SECTION BEGINS 7277 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.20 IN. AT 680.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.56	55.40	65.98	2.89
1.0	21.85	15.22	18.53	3.32
2.0	5.27	4.54	4.91	4.17
4.0	1.78	1.49	1.63	4.29
8.0	0.53	0.54	0.54	4.05
16.0	0.26	0.26	0.26	3.90
32.0	0.13	0.14	0.13	3.82
64.0	0.06	0.07	0.06	3.62
128.0	0.01	0.01	0.01	4.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.50

12 25.54 4.50 65.98 18.53 4.906 1.632 0.5360 0.2601 0.1348 0.0644 0.0104

IH-10-3 SAN ANTONIO OCT'85 TEST EASTBOUND,CENTER LANE,BOTH PATHS,1J

819 FT. SECTION BEGINS 8096 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.94 IN. AT 479.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.15	133.60	105.38	2.46
1.0	21.33	35.22	28.28	2.70
2.0	5.06	8.89	6.98	3.45
4.0	1.84	2.54	2.19	3.77
8.0	0.69	0.90	0.80	3.60
16.0	0.43	0.48	0.45	3.24
32.0	0.26	0.27	0.27	2.90
64.0	0.15	0.15	0.15	2.50
128.0	0.04	0.04	0.04	2.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.64

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

12 48.64 3.66 105.38 28.28 6.976 2.191 0.7989 0.4539 0.2676 0.1506 0.0432

IH-10-3 SAN ANTONIO OCT '85 ^{East} WEST-CTRL EASTBOUND, CENTER LANE, BOTH PATHS, 1K
1056 FT. SECTION BEGINS 8915 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.28 IN. AT 435.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.69	55.36	64.53	2.90
1.0	20.99	15.69	18.34	3.33
2.0	4.82	4.55	4.68	4.25
4.0	1.70	1.44	1.57	4.34
8.0	0.50	0.58	0.54	4.04
16.0	0.30	0.33	0.31	3.71
32.0	0.20	0.21	0.21	3.30
64.0	0.11	0.11	0.11	3.01
128.0	0.03	0.03	0.03	3.23

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

12 27.23 4.08 64.53 18.34 4.682 1.569 0.5392 0.3136 0.2056 0.1079 0.0291

IH-10-3 SAN ANTONIO OCT '85 ^{East} WEST-CTRL EASTBOUND, CENTER LANE, BOTH PATHS, 1L
1010 FT. SECTION BEGINS 9971 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 106.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.53	43.31	59.42	2.96
1.0	21.55	13.10	17.33	3.40
2.0	5.25	4.07	4.66	4.26
4.0	1.91	1.54	1.73	4.20
8.0	0.59	0.65	0.62	3.91
16.0	0.30	0.35	0.33	3.67
32.0	0.18	0.18	0.18	3.50
64.0	0.09	0.08	0.09	3.31
128.0	0.02	0.02	0.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.36

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.32

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.32

12 31.36 4.32 59.42 17.33 4.659 1.728 0.6171 0.3260 0.1779 0.0856 0.0177

IH-10-4 SAN ANTONIO OCT/85 ^{East} WEST-CTRL WESTBOUND, CENTER LANE, BOTH PATHS, 2A
 1168 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.79 IN. AT 1.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.99	81.95	80.97	2.71
1.0	22.69	23.26	22.97	3.02
2.0	5.79	5.94	5.87	3.83
4.0	1.99	2.01	2.00	3.95
8.0	0.75	0.85	0.80	3.60
16.0	0.52	0.52	0.52	3.03
32.0	0.37	0.36	0.36	2.36
64.0	0.15	0.14	0.15	2.55
128.0	0.01	0.01	0.01	3.87

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.26

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

12 48.26 4.38 80.97 22.97 5.867 1.998 0.7986 0.5206 0.3646 0.1463 0.0133

IH-10-4 SAN ANTONIO OCT/85 ^{East} WEST-CTRL WESTBOUND, CENTER LANE, BOTH PATHS, 2B
 1056 FT. SECTION BEGINS 1168 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.20 IN. AT 192.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.86	43.10	58.98	2.97
1.0	20.97	12.74	16.86	3.43
2.0	4.97	3.68	4.33	4.38
4.0	1.68	1.30	1.49	4.42
8.0	0.56	0.56	0.56	4.01
16.0	0.37	0.35	0.36	3.55
32.0	0.25	0.23	0.24	3.07
64.0	0.10	0.09	0.10	3.18
128.0	0.02	0.02	0.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 28.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

12 28.24 4.36 58.98 16.86 4.325 1.492 0.5602 0.3608 0.2405 0.0954 0.0176

IH-10-4 SAN ANTONIO OCT'85 TEST WESTBOUND,CENTER LANE,BOTH PATHS,2C

788 FT. SECTION BEGINS 2233 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.43 IN. AT 657.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.14	73.95	74.05	2.79
1.0	20.45	21.65	21.05	3.15
2.0	4.83	5.95	5.39	4.00
4.0	1.72	1.93	1.83	4.11
8.0	0.62	0.70	0.66	3.83
16.0	0.41	0.41	0.41	3.39
32.0	0.28	0.26	0.27	2.90
64.0	0.16	0.14	0.15	2.50
128.0	0.04	0.04	0.04	2.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 38.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.14

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.78

12 38.14 3.78 74.05 21.05 5.386 1.825 0.6619 0.4081 0.2673 0.1508 0.0403

IH-10-4 SAN ANTONIO OCT'85 TEST WESTBOUND,CENTER LANE,BOTH PATHS,2D

788 FT. SECTION BEGINS 3021 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 681.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.36	43.43	59.39	2.96
1.0	20.83	12.90	16.86	3.43
2.0	5.03	3.97	4.50	4.32
4.0	1.72	1.40	1.56	4.35
8.0	0.52	0.55	0.54	4.05
16.0	0.29	0.27	0.28	3.83
32.0	0.18	0.16	0.17	3.58
64.0	0.08	0.07	0.08	3.46
128.0	0.02	0.01	0.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.43

12 25.06 4.43 59.39 16.86 4.498 1.559 0.5355 0.2793 0.1673 0.0752 0.0140

IH-10-4 SAN ANTONIO OCT'85 MID-CTRL WESTBOUND,CENTER LANE,BOTH PATHS,2E

352 FT. SECTION BEGINS 3809 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.40 IN. AT 101.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.02	75.99	74.00	2.79
1.0	20.22	20.53	20.38	3.19
2.0	4.66	5.39	5.02	4.13
4.0	1.64	1.59	1.61	4.30
8.0	0.51	0.57	0.54	4.05
16.0	0.33	0.36	0.34	3.61
32.0	0.25	0.26	0.25	2.99
64.0	0.13	0.13	0.13	2.75
128.0	0.01	0.01	0.01	4.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.91

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.52

12 29.91 4.52 74.00 20.38 5.023 1.615 0.5372 0.3435 0.2530 0.1286 0.0099

IH-10-4 SAN ANTONIO OCT'85 TEST WESTBOUND,CENTER LANE,BOTH PATHS,4F

1056 FT. SECTION BEGINS 4161 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.19 IN. AT 599.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.10	45.86	58.98	2.97
1.0	20.19	13.88	17.04	3.42
2.0	4.62	4.30	4.46	4.33
4.0	1.64	1.56	1.60	4.32
8.0	0.50	0.61	0.55	4.02
16.0	0.27	0.28	0.28	3.85
32.0	0.18	0.17	0.18	3.50
64.0	0.09	0.09	0.09	3.24
128.0	0.02	0.02	0.02	3.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.67

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

12 25.67 4.37 58.98 17.04 4.458 1.597 0.5540 0.2758 0.1777 0.0906 0.0167

IH-10-4 SAN ANTONIO OCT'85 TEST WESTBOUND,CENTER LANE,BOTH PATHS,2G

1056 FT. SECTION BEGINS 5217 FT. FROM MARK O IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 531.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.14	46.38	59.26	2.97
1.0	20.48	14.33	17.41	3.39
2.0	4.71	4.12	4.41	4.35
4.0	1.64	1.50	1.57	4.34
8.0	0.52	0.58	0.55	4.02
16.0	0.24	0.24	0.24	3.96
32.0	0.12	0.11	0.12	3.97
64.0	0.06	0.06	0.06	3.70
128.0	0.01	0.01	0.01	4.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 23.30

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.52

12 23.30 4.52 59.26 17.41 4.415 1.572 0.5525 0.2434 0.1155 0.0591 0.0100

IH-10-4 SAN ANTONIO OCT'85 TEST WESTBOUND,CENTER LANE,BOTH PATHS,2H

1056 FT. SECTION BEGINS 6273 FT. FROM MARK O IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 190.80 IN. AT 867.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	15292.01	18218.04	16755.03	0.00
1.0	5082.57	5980.98	5531.78	0.00
2.0	1779.61	1948.35	1863.98	0.00
4.0	654.71	711.10	682.90	0.00
8.0	237.06	256.21	246.63	0.00
16.0	101.52	105.16	103.34	0.00
32.0	43.71	47.41	45.56	0.00
64.0	16.09	17.77	16.93	0.00
128.0	4.63	5.04	4.83	0.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20604.12

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 0.50 **

** THE RMSVA VALUES ARE OUTSIDE INFERENCE SPACE USED IN PSI MODEL

12***** 0.50*****5531.78*****682.905*****45.558216.9334 4.8339

IH-10-4 SAN ANTONIO OCT'85 TEST WESTBOUND,CENTER LANE,BOTH PATHS,2I

1056 FT. SECTION BEGINS 7329 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP:112.88 IN. AT 491.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	15125.67	19614.17	17369.92	0.00
1.0	5231.09	6088.44	5659.77	0.00
2.0	1741.01	1881.62	1811.32	0.00
4.0	618.31	667.76	643.04	0.00
8.0	241.41	241.24	241.33	0.00
16.0	99.67	101.73	100.70	0.00
32.0	42.58	49.51	46.05	0.00
64.0	16.40	19.04	17.72	0.00
128.0	3.83	4.35	4.09	0.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 19592.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 0.50 **

** THE RMSVA VALUES ARE OUTSIDE INFERENCE SPACE USED IN PSI MODEL

12***** 0.50*****5659.77*****643.038*****46.046917.7195 4.0921

IH-10-4 SAN ANTONIO OCT'85 TEST WESTBOUND,CENTER LANE,BOTH PATHS,2J

1056 FT. SECTION BEGINS 8385 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP:157.18 IN. AT 838.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	17149.40	22236.59	19692.99	0.00
1.0	5782.28	7028.90	6405.59	0.00
2.0	1948.77	2162.88	2055.83	0.00
4.0	699.73	777.32	738.52	0.00
8.0	276.28	286.60	281.44	0.00
16.0	124.69	128.60	126.65	0.00
32.0	53.19	55.83	54.51	0.00
64.0	16.97	18.35	17.66	0.00
128.0	2.80	2.97	2.88	0.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 23131.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 0.50 **

12***** 0.50*****6405.59*****738.524*****54.511617.6617 2.8849

IH-10-4 SAN ANTONIO OCT'85 TEST WESTBOUND,CENTER LANE,BOTH PATHS,2K

820 FT. SECTION BEGINS 9441 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP:132.10 IN. AT 802.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	19009.95	23166.57	21088.26	0.00
1.0	6120.20	7383.10	6751.64	0.00
2.0	2073.25	2297.34	2185.29	0.00
4.0	743.42	801.44	772.43	0.00
8.0	275.08	289.66	282.37	0.00
16.0	103.69	112.74	108.22	0.00
32.0	44.27	49.52	46.90	0.00
64.0	15.29	17.13	16.21	0.00
128.0	3.48	3.65	3.56	0.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 22815.05

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 0.50 **

** THE RMSVA VALUES ARE OUTSIDE INFERENCE SPACE USED IN PSI MODEL

12***** 0.50*****6751.64*****772.431*****46.897516.2104 3.5644

IH-10-4 SAN ANTONIO OCT'85 EAST-CTRL WESTBOUND,CENTER LANE,BOTH PATHS,2L

756 FT. SECTION BEGINS 10261 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP:124.42 IN. AT 662.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	18199.85	21514.87	19857.36	0.00
1.0	5764.20	6763.97	6264.09	0.00
2.0	1945.46	2030.09	1987.78	0.00
4.0	651.50	717.01	684.26	0.00
8.0	240.80	250.07	245.43	0.00
16.0	96.59	99.98	98.29	0.00
32.0	37.39	36.73	37.06	0.00
64.0	12.40	12.74	12.57	0.00
128.0	2.76	2.96	2.86	0.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20345.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 0.50 **

** THE RMSVA VALUES ARE OUTSIDE INFERENCE SPACE USED IN PSI MODEL

12***** 0.50*****6264.09*****684.256*****98.285337.058712.5690 2.8622

IH-10-5 SAN ANTONIO OCT'85 WEST-CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, 1A

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.68 IN. AT 4.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	100.32	105.71	103.02	2.48
1.0	27.71	28.19	27.95	2.72
2.0	6.99	7.44	7.21	3.38
4.0	2.41	2.32	2.37	3.62
8.0	0.87	0.83	0.85	3.51
16.0	0.51	0.49	0.50	3.10
32.0	0.27	0.28	0.28	2.85
64.0	0.14	0.14	0.14	2.62
128.0	0.03	0.04	0.04	2.98

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.80

12 54.99 3.80 103.02 27.95 7.214 2.367 0.8532 0.4986 0.2755 0.1403 0.0360

IH-10-5 SAN ANTONIO OCT'85 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 1B

1056 FT. SECTION BEGINS 756 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.39 IN. AT 118.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.73	155.54	116.63	2.35
1.0	21.84	39.04	30.44	2.58
2.0	5.06	10.19	7.62	3.25
4.0	1.76	2.72	2.24	3.73
8.0	0.57	0.84	0.70	3.76
16.0	0.37	0.38	0.37	3.51
32.0	0.23	0.22	0.22	3.19
64.0	0.10	0.10	0.10	3.11
128.0	0.01	0.01	0.01	3.87

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.96

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.34

12 45.04 4.34 116.63 30.44 7.623 2.241 0.7040 0.3718 0.2218 0.1002 0.0133

IH-10-5 SAN ANTONIO OCT'85 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 1C

1056 FT. SECTION BEGINS 1812 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 516.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.32	52.84	65.08	2.90
1.0	21.33	16.12	18.73	3.30
2.0	5.67	5.85	5.76	3.86
4.0	2.26	2.58	2.42	3.57
8.0	0.64	0.78	0.71	3.75
16.0	0.41	0.44	0.42	3.34
32.0	0.22	0.22	0.22	3.20
64.0	0.08	0.08	0.08	3.35
128.0	0.02	0.01	0.02	3.78

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 51.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.78

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

12 51.75 4.27 65.08 18.73 5.764 2.422 0.7079 0.4208 0.2215 0.0827 0.0155

IH-10-5 SAN ANTONIO OCT'85 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 1D

1056 FT. SECTION BEGINS 2868 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 263.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.82	55.25	67.53	2.87
1.0	21.93	16.20	19.06	3.28
2.0	5.60	5.38	5.49	3.96
4.0	2.11	2.47	2.29	3.69
8.0	0.58	0.76	0.67	3.81
16.0	0.32	0.36	0.34	3.63
32.0	0.17	0.18	0.18	3.50
64.0	0.07	0.07	0.07	3.57
128.0	0.01	0.01	0.01	3.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 44.12

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

12 44.12 4.33 67.53 19.06 5.492 2.291 0.6713 0.3366 0.1777 0.0680 0.0137

IH-10-5 SAN ANTONIO OCT'85 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 1E

1056 FT. SECTION BEGINS 3924 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.17 IN. AT 562.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.04	50.70	63.37	2.92
1.0	21.14	15.18	18.16	3.34
2.0	5.32	5.00	5.16	4.08
4.0	2.01	2.18	2.10	3.86
8.0	0.62	0.72	0.67	3.81
16.0	0.43	0.44	0.43	3.31
32.0	0.29	0.29	0.29	2.75
64.0	0.12	0.12	0.12	2.88
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.31

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.95

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

12 45.31 4.18 63.37 18.16 5.160 2.095 0.6710 0.4317 0.2927 0.1183 0.0215

IH-10-5 SAN ANTONIO OCT'85 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 5F

1056 FT. SECTION BEGINS 4980 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.82 IN. AT 670.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.05	96.83	86.94	2.65
1.0	21.37	25.83	23.60	2.98
2.0	5.22	7.10	6.16	3.73
4.0	1.96	2.70	2.33	3.65
8.0	0.59	0.94	0.77	3.65
16.0	0.27	0.29	0.28	3.83
32.0	0.14	0.14	0.14	3.78
64.0	0.06	0.06	0.06	3.67
128.0	0.01	0.01	0.01	3.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 41.78

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.04

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.35

12 41.78 4.35 86.94 23.60 6.160 2.334 0.7677 0.2793 0.1410 0.0610 0.0126

IH-10-5 SAN ANTONIO OCT'85 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 1G

820 FT. SECTION BEGINS 6036 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.51 IN. AT 91.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.41	179.99	129.70	2.22
1.0	22.00	45.39	33.69	2.41
2.0	5.40	12.02	8.71	2.93
4.0	2.32	4.22	3.27	2.90
8.0	0.89	1.51	1.20	2.98
16.0	0.42	0.47	0.45	3.26
32.0	0.24	0.25	0.24	3.05
64.0	0.09	0.09	0.09	3.24
128.0	0.02	0.02	0.02	3.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.12

12 71.51 4.12 129.70 33.69 8.713 3.271 1.1989 0.4458 0.2436 0.0904 0.0164

IH-10-5 SAN ANTONIO OCT'85 MID-CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, 1H

421 FT. SECTION BEGINS 6856 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.21 IN. AT 405.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	89.96	65.73	77.84	2.75
1.0	23.85	19.32	21.59	3.11
2.0	6.05	6.03	6.04	3.77
4.0	2.36	3.21	2.78	3.27
8.0	0.70	1.09	0.89	3.44
16.0	0.32	0.35	0.34	3.63
32.0	0.17	0.16	0.17	3.59
64.0	0.05	0.05	0.05	3.90
128.0	0.01	0.01	0.01	4.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

12 54.72 4.37 77.84 21.59 6.043 2.784 0.8945 0.3358 0.1656 0.0466 0.0089

IH-10-5 SAN ANTONIO OCT'85 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 1I

819 FT. SECTION BEGINS 7277 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.26 IN. AT 33.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	78.37	66.93	72.65	2.81
1.0	21.35	19.33	20.34	3.19
2.0	5.14	5.97	5.56	3.94
4.0	2.16	3.11	2.64	3.39
8.0	0.79	1.27	1.03	3.24
16.0	0.39	0.47	0.43	3.31
32.0	0.19	0.21	0.20	3.33
64.0	0.08	0.08	0.08	3.38
128.0	0.01	0.01	0.01	4.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

12 56.87 4.37 72.65 20.34 5.555 2.635 1.0271 0.4300 0.2024 0.0804 0.0100

IH-10-5 SAN ANTONIO OCT'85 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 1J

819 FT. SECTION BEGINS 8096 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.37 IN. AT 744.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	78.46	70.44	74.45	2.79
1.0	21.59	20.38	20.99	3.15
2.0	5.74	6.54	6.14	3.73
4.0	2.60	3.32	2.96	3.13
8.0	0.87	1.11	0.99	3.30
16.0	0.51	0.49	0.50	3.10
32.0	0.26	0.24	0.25	3.02
64.0	0.15	0.13	0.14	2.62
128.0	0.04	0.04	0.04	2.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 67.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

12 67.90 3.66 74.45 20.99 6.139 2.963 0.9884 0.4993 0.2478 0.1397 0.0387

IH-10-5 SAN ANTONIO OCT'85 ^{East} WEST-CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, 1K

1056 FT. SECTION BEGINS 8915 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.30 IN. AT 435.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.44	65.37	70.90	2.83
1.0	21.65	19.51	20.58	3.18
2.0	5.81	6.44	6.12	3.74
4.0	2.60	3.25	2.92	3.16
8.0	0.80	1.05	0.92	3.39
16.0	0.47	0.51	0.49	3.13
32.0	0.25	0.25	0.25	3.01
64.0	0.11	0.11	0.11	3.00
128.0	0.03	0.03	0.03	3.21

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.39

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.87

12 66.39 3.87 70.90 20.58 6.12 2.925 0.9249 0.4874 0.2503 0.1083 0.0298

IH-10-5 SAN ANTONIO OCT'85 ^{East} WEST-CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, 1L

1010 FT. SECTION BEGINS 9971 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.25 IN. AT 496.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.33	62.58	68.95	2.85
1.0	21.35	18.96	20.16	3.21
2.0	5.69	6.41	6.05	3.76
4.0	2.60	3.25	2.92	3.16
8.0	0.95	1.28	1.12	3.10
16.0	0.52	0.58	0.55	2.94
32.0	0.24	0.25	0.24	3.06
64.0	0.09	0.09	0.09	3.22
128.0	0.02	0.02	0.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 70.08

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.03

12 70.08 4.03 68.95 20.16 6.049 2.925 1.1153 0.5523 0.2422 0.0918 0.0228

IH-10-6 SAN ANTONIO OCT'85 ^{East} WEST-CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, 2A

1164 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.67 IN. AT 6.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	83.80	74.51	79.16	2.74
1.0	24.42	24.22	24.32	2.94
2.0	5.74	6.87	6.30	3.68
4.0	2.00	2.13	2.07	3.89
8.0	0.76	0.82	0.79	3.61
16.0	0.48	0.50	0.49	3.12
32.0	0.34	0.36	0.35	2.41
64.0	0.13	0.13	0.13	2.73
128.0	0.02	0.02	0.02	3.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.09

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

12 48.09 4.17 79.16 24.32 6.304 2.066 0.7924 0.4919 0.3536 0.1306 0.0218

IH-10-6 SAN ANTONIO OCT'85 ^{East} WEST-CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, 2B

1056 FT. SECTION BEGINS 1164 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.26 IN. AT 706.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.85	54.82	65.33	2.89
1.0	21.61	16.32	18.96	3.29
2.0	5.41	5.07	5.24	4.05
4.0	1.87	1.66	1.77	4.16
8.0	0.58	0.68	0.63	3.89
16.0	0.34	0.39	0.36	3.53
32.0	0.22	0.23	0.22	3.18
64.0	0.08	0.09	0.09	3.31
128.0	0.02	0.02	0.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

12 34.35 4.26 65.33 18.96 5.240 1.767 0.6271 0.3638 0.2232 0.0858 0.0203

IH-10-6 SAN ANTONIO OCT'85 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,2C

788 FT. SECTION BEGINS 2233 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.38 IN. AT 657.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.34	67.63	70.99	2.83
1.0	21.16	18.43	19.80	3.23
2.0	4.99	5.13	5.06	4.11
4.0	1.72	1.60	1.66	4.26
8.0	0.57	0.67	0.62	3.90
16.0	0.41	0.45	0.43	3.31
32.0	0.28	0.30	0.29	2.74
64.0	0.12	0.12	0.12	2.80
128.0	0.04	0.04	0.04	2.93

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.82

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.20

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.87

12 35.82 3.87 70.99 19.80 5.061 1.659 0.6189 0.4306 0.2934 0.1246 0.0377

IH-10-6 SAN ANTONIO OCT'85 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,2D

788 FT. SECTION BEGINS 3021 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 708.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	70.99	42.46	56.73	3.00
1.0	20.42	12.82	16.62	3.45
2.0	5.11	3.75	4.43	4.34
4.0	1.65	1.28	1.47	4.44
8.0	0.45	0.49	0.47	4.16
16.0	0.22	0.27	0.25	3.95
32.0	0.13	0.16	0.15	3.73
64.0	0.06	0.07	0.06	3.65
128.0	0.01	0.01	0.01	3.88

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 21.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.47

12 21.35 4.47 56.73 16.62 4.430 1.470 0.4702 0.2482 0.1469 0.0625 0.0131

IH-10-6 SAN ANTONIO OCT'85 MID-CTRL WESTBOUND,INSIDE LANE,BOTH PATHS,2E

352 FT. SECTION BEGINS 3809 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.44 IN. AT 101.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.89	84.91	80.40	2.72
1.0	21.69	23.33	22.51	3.05
2.0	5.48	6.50	5.99	3.78
4.0	1.74	1.97	1.85	4.08
8.0	0.59	0.79	0.69	3.78
16.0	0.38	0.45	0.41	3.37
32.0	0.27	0.29	0.28	2.82
64.0	0.13	0.13	0.13	2.74
128.0	0.01	0.01	0.01	4.07

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 39.07

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.11

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.50

12 39.07 4.50 80.40 22.51 5.989 1.853 0.6895 0.4140 0.2812 0.1297 0.0088

IH-10-6 SAN ANTONIO OCT'85 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,6F

1056 FT. SECTION BEGINS 4161 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.21 IN. AT 599.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.91	46.43	59.67	2.96
1.0	20.82	13.57	17.19	3.41
2.0	5.16	3.94	4.55	4.30
4.0	1.78	1.43	1.60	4.31
8.0	0.56	0.57	0.57	3.99
16.0	0.27	0.28	0.27	3.86
32.0	0.16	0.16	0.16	3.60
64.0	0.09	0.08	0.08	3.37
128.0	0.02	0.01	0.01	3.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.62

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.41

12 25.62 4.41 59.67 17.19 4.550 1.604 0.5660 0.2724 0.1648 0.0815 0.0147

IH-10-6 SAN ANTONIO OCT'85 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,2G

1056 FT. SECTION BEGINS 5217 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 674.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.89	40.68	56.79	3.00
1.0	20.64	12.31	16.48	3.46
2.0	4.87	3.55	4.21	4.42
4.0	1.67	1.31	1.49	4.42
8.0	0.45	0.49	0.47	4.16
16.0	0.20	0.22	0.21	4.09
32.0	0.10	0.11	0.10	4.06
64.0	0.05	0.05	0.05	3.83
128.0	0.01	0.01	0.01	3.98

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 19.62

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.64

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.52

12 19.62 4.52 56.79 16.48 4.208 1.492 0.4710 0.2091 0.1045 0.0507 0.0108

IH-10-6 SAN ANTONIO OCT'85 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,2H

1056 FT. SECTION BEGINS 6273 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 658.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.33	41.28	57.80	2.98
1.0	21.33	12.40	16.86	3.43
2.0	5.13	3.78	4.46	4.33
4.0	1.82	1.47	1.64	4.28
8.0	0.64	0.63	0.64	3.87
16.0	0.38	0.38	0.38	3.48
32.0	0.26	0.26	0.26	2.95
64.0	0.11	0.11	0.11	3.00
128.0	0.03	0.02	0.03	3.35

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.64

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

12 32.64 4.14 57.80 16.86 4.458 1.644 0.6367 0.3803 0.2594 0.1089 0.0262

IH-10-6 SAN ANTONIO OCT'85 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,2I

1056 FT. SECTION BEGINS 7329 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 861.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.04	42.61	58.32	2.98
1.0	20.91	12.87	16.89	3.43
2.0	5.02	3.85	4.44	4.34
4.0	1.71	1.35	1.53	4.38
8.0	0.47	0.48	0.48	4.15
16.0	0.23	0.21	0.22	4.06
32.0	0.13	0.11	0.12	3.93
64.0	0.05	0.05	0.05	3.82
128.0	0.01	0.01	0.01	3.93

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.48

12 20.93 4.48 58.32 16.89 4.436 1.529 0.4762 0.2182 0.1216 0.0513 0.0120

IH-10-6 SAN ANTONIO OCT'85 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,2J

1056 FT. SECTION BEGINS 8385 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 232.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.19	49.11	63.15	2.92
1.0	22.36	15.12	18.74	3.30
2.0	5.63	5.00	5.31	4.02
4.0	2.16	1.91	2.03	3.92
8.0	0.83	0.85	0.84	3.53
16.0	0.40	0.41	0.41	3.38
32.0	0.23	0.24	0.23	3.13
64.0	0.08	0.09	0.08	3.33
128.0	0.01	0.01	0.01	3.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 42.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.02

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

12 42.65 4.39 63.15 18.74 5.314 2.033 0.8429 0.4086 0.2311 0.0846 0.0129

IH-10-6 SAN ANTONIO OCT'85 TEST WESTBOUND, INSIDE LANE, BOTH PATHS, 2K

820 FT. SECTION BEGINS 9441 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.20 IN. AT 759.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	71.59	48.28	59.94	2.96
1.0	20.80	14.63	17.71	3.37
2.0	5.09	4.13	4.61	4.28
4.0	1.81	1.49	1.65	4.27
8.0	0.60	0.61	0.60	3.93
16.0	0.32	0.32	0.32	3.69
32.0	0.17	0.17	0.17	3.56
64.0	0.08	0.08	0.08	3.46
128.0	0.02	0.02	0.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.32

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

12 29.32 4.31 59.94 17.71 4.609 1.652 0.6022 0.3190 0.1704 0.0754 0.0187

IH-10-6 SAN ANTONIO OCT'85 EAST-CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, 2L

756 FT. SECTION BEGINS 10261 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.38 IN. AT 744.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	83.22	70.74	76.98	2.76
1.0	23.93	21.33	22.63	3.05
2.0	6.20	6.11	6.16	3.73
4.0	2.31	2.34	2.32	3.66
8.0	0.87	1.05	0.96	3.34
16.0	0.44	0.51	0.47	3.18
32.0	0.20	0.24	0.22	3.18
64.0	0.09	0.10	0.09	3.23
128.0	0.02	0.02	0.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.59

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.76

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

12 52.59 4.22 76.98 22.63 6.157 2.323 0.9618 0.4731 0.2235 0.0917 0.0184

IH-37-1 SAN ANTONIO OCT'85 NORTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.10 IN. AT 25.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	82.53	128.99	105.76	2.45
1.0	25.23	34.96	30.10	2.60
2.0	7.14	8.83	7.99	3.14
4.0	2.47	2.57	2.52	3.49
8.0	0.78	0.89	0.84	3.54
16.0	0.43	0.40	0.41	3.37
32.0	0.25	0.23	0.24	3.09
64.0	0.08	0.07	0.08	3.41
128.0	0.02	0.02	0.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.37

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.74

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

16 53.37 4.21 105.76 30.10 7.985 2.520 0.8360 0.4122 0.2375 0.0786 0.0171

IH-37-1 SAN ANTONIO OCT'85 NORTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.16 IN. AT 393.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	85.71	75.96	80.83	2.72
1.0	26.06	22.84	24.45	2.93
2.0	7.07	6.27	6.67	3.55
4.0	2.33	1.92	2.13	3.83
8.0	0.66	0.64	0.65	3.84
16.0	0.33	0.29	0.31	3.71
32.0	0.20	0.17	0.19	3.43
64.0	0.08	0.06	0.07	3.55
128.0	0.01	0.01	0.01	3.91

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 39.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.11

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

16 39.22 4.38 80.83 24.45 6.671 2.126 0.6527 0.3130 0.1874 0.0692 0.0124

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 2810 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.73 IN. AT 80.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.99	104.94	90.46	2.61
1.0	23.69	30.18	26.94	2.78
2.0	7.18	8.27	7.72	3.22
4.0	2.84	2.97	2.90	3.18
8.0	0.96	1.09	1.02	3.24
16.0	0.36	0.36	0.36	3.54
32.0	0.17	0.17	0.17	3.53
64.0	0.08	0.09	0.08	3.33
128.0	0.02	0.02	0.02	3.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

16 58.79 4.17 90.46 26.94 7.723 2.903 1.0226 0.3619 0.1745 0.0845 0.0164

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 3866 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.87 IN. AT 723.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.62	117.63	95.62	2.56
1.0	22.93	32.24	27.59	2.74
2.0	7.64	8.55	8.10	3.11
4.0	3.17	3.18	3.18	2.97
8.0	1.06	1.15	1.10	3.12
16.0	0.52	0.44	0.48	3.16
32.0	0.29	0.26	0.27	2.86
64.0	0.14	0.14	0.14	2.66
128.0	0.03	0.03	0.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

16 71.25 3.90 95.62 27.59 8.096 3.176 1.1046 0.4773 0.2748 0.1365 0.0264

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 4922 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 579.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	71.86	50.55	61.20	2.94
1.0	21.02	15.33	18.18	3.34
2.0	6.31	5.03	5.67	3.90
4.0	2.76	2.32	2.54	3.47
8.0	1.06	1.00	1.03	3.23
16.0	0.58	0.53	0.55	2.93
32.0	0.32	0.30	0.31	2.64
64.0	0.15	0.14	0.15	2.53
128.0	0.04	0.04	0.04	2.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 61.83

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.53

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.72

16 61.83 3.72 61.20 18.18 5.671 2.540 1.0292 0.5532 0.3114 0.1477 0.0387

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 5978 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 468.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.17	55.60	64.39	2.90
1.0	21.26	16.30	18.78	3.30
2.0	5.98	5.28	5.63	3.91
4.0	2.83	2.54	2.68	3.35
8.0	1.34	1.28	1.31	2.83
16.0	0.82	0.72	0.77	2.36
32.0	0.50	0.43	0.46	1.91
64.0	0.20	0.17	0.18	2.16
128.0	0.02	0.02	0.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 77.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

16 77.29 4.08 64.39 18.78 5.630 2.685 1.3128 0.7700 0.4636 0.1846 0.0226

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7034 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.19 IN. AT 163.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.48	58.11	67.29	2.87
1.0	22.04	16.89	19.47	3.25
2.0	6.17	5.29	5.73	3.87
4.0	2.86	2.47	2.67	3.37
8.0	1.15	1.10	1.13	3.09
16.0	0.60	0.56	0.58	2.86
32.0	0.31	0.28	0.29	2.74
64.0	0.09	0.08	0.08	3.36
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.11

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

16 66.11 4.10 67.29 19.47 5.731 2.667 1.1277 0.5804 0.2939 0.0820 0.0214

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8090 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.20 IN. AT 239.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.64	63.58	69.11	2.85
1.0	21.42	18.16	19.79	3.23
2.0	5.83	5.81	5.82	3.84
4.0	2.64	2.63	2.63	3.40
8.0	0.99	1.03	1.01	3.27
16.0	0.46	0.44	0.45	3.24
32.0	0.27	0.26	0.26	2.92
64.0	0.13	0.12	0.13	2.79
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.62

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

16 58.14 4.11 69.11 19.79 5.822 2.631 1.0059 0.4538 0.2637 0.1254 0.0214

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9146 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 331.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.16	52.99	63.08	2.92
1.0	20.87	15.59	18.23	3.34
2.0	5.98	4.97	5.47	3.96
4.0	2.70	2.43	2.56	3.45
8.0	1.15	1.12	1.14	3.07
16.0	0.60	0.56	0.58	2.86
32.0	0.31	0.29	0.30	2.69
64.0	0.10	0.09	0.10	3.16
128.0	0.02	0.02	0.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

16 63.80 4.16 63.08 18.23 5.475 2.565 1.1365 0.5785 0.3024 0.0965 0.0197

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10202 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 196.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.15	57.06	65.11	2.90
1.0	20.86	16.30	18.58	3.31
2.0	5.72	5.04	5.38	4.00
4.0	2.51	2.43	2.47	3.53
8.0	0.93	1.08	1.01	3.27
16.0	0.45	0.44	0.45	3.27
32.0	0.31	0.29	0.30	2.69
64.0	0.18	0.17	0.17	2.26
128.0	0.05	0.04	0.04	2.70

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.72

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.60

16 54.10 3.60 65.11 18.58 5.382 2.467 1.0062 0.4452 0.3023 0.1738 0.0444

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS 11258 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.29 IN. AT 980.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.14	132.82	103.98	2.47
1.0	21.66	34.20	27.93	2.72
2.0	5.92	9.22	7.57	3.27
4.0	2.70	3.07	2.88	3.19
8.0	1.11	1.18	1.14	3.07
16.0	0.56	0.53	0.54	2.96
32.0	0.39	0.35	0.37	2.31
64.0	0.23	0.20	0.22	1.89
128.0	0.05	0.05	0.05	2.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.76

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.38

16 68.76 3.38 103.98 27.93 7.572 2.884 1.1419 0.5445 0.3741 0.2153 0.0511

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS 12314 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.21 IN. AT 94.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.56	126.41	99.98	2.51
1.0	20.91	33.30	27.11	2.77
2.0	5.95	9.16	7.56	3.27
4.0	2.75	3.12	2.93	3.16
8.0	1.07	1.14	1.10	3.13
16.0	0.42	0.42	0.42	3.35
32.0	0.29	0.27	0.28	2.82
64.0	0.14	0.13	0.13	2.69
128.0	0.02	0.02	0.02	3.78

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

16 62.65 4.19 99.98 27.11 7.557 2.934 1.1011 0.4180 0.2803 0.1338 0.0156

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13370 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.22 IN. AT 569.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	71.31	58.96	65.13	2.90
1.0	21.35	17.99	19.67	3.24
2.0	6.62	6.38	6.50	3.61
4.0	3.11	3.09	3.10	3.03
8.0	1.03	1.16	1.10	3.13
16.0	0.44	0.42	0.43	3.32
32.0	0.25	0.23	0.24	3.06
64.0	0.13	0.12	0.13	2.77
128.0	0.04	0.04	0.04	2.92

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.40

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

16 66.87 3.66 65.13 19.67 6.497 3.102 1.0989 0.4287 0.2414 0.1271 0.0379

IH-37-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14426 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 1019.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.69	57.96	66.32	2.88
1.0	21.87	17.72	19.80	3.23
2.0	6.54	5.66	6.10	3.75
4.0	2.90	2.49	2.70	3.34
8.0	1.03	0.96	1.00	3.28
16.0	0.44	0.41	0.43	3.32
32.0	0.27	0.26	0.26	2.93
64.0	0.13	0.13	0.13	2.78
128.0	0.01	0.01	0.01	3.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.00

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.62

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

16 58.00 4.26 66.32 19.80 6.100 2.696 0.9988 0.4270 0.2620 0.1267 0.0143

IH-37-1 SAN ANTONIO OCT'85 SOUTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,O

1056 FT. SECTION BEGINS16957 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.51 IN. AT 356.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	199.44	696.26	447.85	0.62
1.0	59.56	178.90	119.23	0.41
2.0	16.26	44.81	30.53	0.37
4.0	4.53	11.07	7.80	0.95
8.0	1.26	2.87	2.07	1.98
16.0	0.51	0.77	0.64	2.70
32.0	0.27	0.27	0.27	2.90
64.0	0.14	0.12	0.13	2.75
128.0	0.04	0.03	0.03	3.08

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 180.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.96

16 180.27 2.96 447.85 119.23 30.533 7.802 2.0654 0.6376 0.2671 0.1290 0.0332

IH-37-1 SAN ANTONIO OCT'85 SOUTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,P

1056 FT. SECTION BEGINS18013 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.13 IN. AT 139.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	168.25	679.42	423.83	0.68
1.0	47.64	182.95	115.29	0.44
2.0	13.26	43.92	28.59	0.44
4.0	3.99	11.28	7.64	0.99
8.0	1.40	3.06	2.23	1.82
16.0	0.83	1.00	0.92	2.04
32.0	0.48	0.46	0.47	1.89
64.0	0.16	0.15	0.16	2.44
128.0	0.03	0.03	0.03	3.19

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 192.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.07

16 192.58 3.07 423.83 115.29 28.587 7.636 2.2335 0.9171 0.4668 0.1560 0.0302

IH-37-2 SAN ANTONIO OCT'85 SOUTH-CTRL NORTHBOUND,OUTSIDE,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.97 IN. AT 762.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	197.74	693.30	445.52	0.62
1.0	61.17	197.20	129.19	0.34
2.0	15.69	50.86	33.28	0.29
4.0	4.43	12.83	8.63	0.77
8.0	1.34	3.42	2.38	1.70
16.0	0.58	0.93	0.75	2.40
32.0	0.28	0.30	0.29	2.77
64.0	0.10	0.10	0.10	3.08
128.0	0.02	0.02	0.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 204.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.05

16 204.73 3.05 445.52 129.19 33.275 8.629 2.3802 0.7535 0.2895 0.1029 0.0238

IH-37-2 SAN ANTONIO OCT'85 SOUTH-CTRL NORTHBOUND,OUTSIDE,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.80 IN. AT 96.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	372.68	813.30	592.99	0.35
1.0	105.30	218.73	162.02	0.18
2.0	26.90	52.49	39.70	0.16
4.0	7.51	13.30	10.41	0.51
8.0	2.00	3.40	2.70	1.46
16.0	0.72	0.94	0.83	2.22
32.0	0.28	0.31	0.30	2.72
64.0	0.09	0.10	0.10	3.17
128.0	0.02	0.02	0.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 247.50

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.84

16 247.50 2.84 592.99 162.02 39.695 10.407 2.7016 0.8305 0.2973 0.0960 0.0203

IH-37-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 3043 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.82 IN. AT 17.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	70.67	98.42	84.55	2.68
1.0	20.72	25.96	23.34	3.00
2.0	6.12	7.08	6.60	3.58
4.0	2.85	2.46	2.65	3.38
8.0	1.04	0.90	0.97	3.32
16.0	0.38	0.35	0.36	3.54
32.0	0.22	0.22	0.22	3.21
64.0	0.10	0.10	0.10	3.13
128.0	0.02	0.02	0.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.74

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.04

16 53.42 4.04 84.55 23.34 6.603 2.652 0.9708 0.3630 0.2190 0.0987 0.0239

IH-37-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 4099 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 1003.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	68.00	47.95	57.97	2.98
1.0	19.04	14.36	16.70	3.44
2.0	5.00	4.46	4.73	4.23
4.0	2.17	2.09	2.13	3.83
8.0	0.80	0.84	0.82	3.56
16.0	0.24	0.25	0.25	3.95
32.0	0.12	0.12	0.12	3.94
64.0	0.07	0.07	0.07	3.56
128.0	0.02	0.02	0.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.49

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

16 35.49 4.20 57.97 16.70 4.732 2.128 0.8205 0.2466 0.1198 0.0682 0.0207

IH-37-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 5155 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.38 IN. AT 115.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	69.74	60.68	65.21	2.89
1.0	19.72	17.42	18.57	3.31
2.0	5.29	5.27	5.28	4.03
4.0	2.40	2.33	2.36	3.62
8.0	0.90	1.03	0.96	3.33
16.0	0.36	0.34	0.35	3.59
32.0	0.22	0.20	0.21	3.28
64.0	0.12	0.11	0.11	2.95
128.0	0.02	0.02	0.02	3.64

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 46.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.92

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

16 46.27 4.21 65.21 18.57 5.280 2.361 0.9639 0.3478 0.2096 0.1124 0.0188

IH-37-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 6211 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.83 IN. AT 589.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	71.22	92.59	81.91	2.70
1.0	20.19	25.04	22.61	3.05
2.0	5.71	6.81	6.26	3.69
4.0	2.71	2.72	2.71	3.33
8.0	1.16	1.22	1.19	3.00
16.0	0.63	0.61	0.62	2.74
32.0	0.41	0.39	0.40	2.19
64.0	0.21	0.19	0.20	2.02
128.0	0.05	0.05	0.05	2.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.49

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.43

16 69.49 3.43 81.91 22.61 6.259 2.714 1.1906 0.6220 0.3994 0.1995 0.0504

IH-37-2 SAN ANTONIO OCT/85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7267 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 359.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	69.70	46.28	57.99	2.98
1.0	19.46	13.96	16.71	3.44
2.0	5.09	4.27	4.68	4.25
4.0	2.31	1.96	2.13	3.82
8.0	0.94	0.93	0.93	3.38
16.0	0.48	0.47	0.47	3.17
32.0	0.27	0.26	0.26	2.92
64.0	0.10	0.10	0.10	3.10
128.0	0.03	0.03	0.03	3.13

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.94

16 48.58 3.94 57.99 16.71 4.682 2.133 0.9350 0.4747 0.2644 0.1007 0.0318

IH-37-2 SAN ANTONIO OCT/85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8323 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 771.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.91	48.20	61.06	2.94
1.0	21.05	14.77	17.91	3.36
2.0	6.00	4.99	5.50	3.96
4.0	2.78	2.42	2.60	3.42
8.0	1.01	1.03	1.02	3.24
16.0	0.41	0.41	0.41	3.38
32.0	0.21	0.20	0.21	3.30
64.0	0.08	0.08	0.08	3.43
128.0	0.03	0.03	0.03	3.30

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.98

16 54.99 3.98 61.06 17.91 5.495 2.602 1.0217 0.4097 0.2065 0.0769 0.0273

IH-37-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9379 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.38 IN. AT 820.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.05	64.80	68.93	2.85
1.0	20.86	18.06	19.46	3.25
2.0	6.56	5.46	6.01	3.78
4.0	3.25	2.35	2.80	3.26
8.0	1.08	0.88	0.98	3.31
16.0	0.41	0.38	0.39	3.44
32.0	0.28	0.25	0.26	2.93
64.0	0.14	0.13	0.14	2.63
128.0	0.04	0.03	0.03	3.03

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.31

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.61

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.78

16 58.31 3.78 68.93 19.46 6.011 2.799 0.9797 0.3932 0.2623 0.1389 0.0347

IH-37-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10435 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.75 IN. AT 589.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	80.70	239.09	159.89	1.97
1.0	24.89	44.90	34.90	2.35
2.0	7.56	16.61	12.09	2.12
4.0	3.13	4.40	3.77	2.57
8.0	1.23	1.51	1.37	2.76
16.0	0.66	0.70	0.68	2.58
32.0	0.37	0.38	0.38	2.29
64.0	0.16	0.15	0.15	2.49
128.0	0.04	0.03	0.03	3.08

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 95.61

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.77

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.64

16 95.61 3.64 159.89 34.90 12.085 3.769 1.3674 0.6805 0.3778 0.1518 0.0332

IH-37-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS11491 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 669.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.38	56.93	66.66	2.88
1.0	22.65	18.12	20.38	3.19
2.0	6.72	6.58	6.65	3.56
4.0	3.25	2.78	3.01	3.09
8.0	1.40	1.27	1.33	2.80
16.0	0.81	0.73	0.77	2.37
32.0	0.42	0.39	0.40	2.17
64.0	0.17	0.16	0.17	2.32
128.0	0.03	0.03	0.03	3.09

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 84.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.01

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.78

16 84.29 3.78 66.66 20.38 6.653 3.015 1.3348 0.7678 0.4037 0.1676 0.0331

IH-37-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS12547 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.20 IN. AT 3.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.19	131.41	102.80	2.48
1.0	21.69	34.72	28.21	2.71
2.0	6.59	9.42	8.01	3.13
4.0	3.09	3.22	3.16	2.99
8.0	1.27	1.22	1.25	2.92
16.0	0.57	0.54	0.56	2.93
32.0	0.30	0.30	0.30	2.70
64.0	0.12	0.12	0.12	2.87
128.0	0.02	0.03	0.03	3.38

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 75.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

16 75.23 3.93 102.80 28.21 8.006 3.155 1.2474 0.5554 0.3017 0.1194 0.0253

IH-37-2 SAN ANTONIO OCT '85 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, M
 1056 FT. SECTION BEGINS 13603 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.43 IN. AT 918.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.96	85.99	80.48	2.72
1.0	21.73	23.71	22.72	3.04
2.0	6.97	7.31	7.14	3.40
4.0	3.32	3.09	3.21	2.95
8.0	1.34	1.11	1.23	2.94
16.0	0.61	0.54	0.58	2.87
32.0	0.40	0.38	0.39	2.24
64.0	0.19	0.18	0.18	2.18
128.0	0.04	0.04	0.04	2.88

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 77.49

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.61

16 77.49 3.61 80.48 22.72 7.143 3.205 1.2294 0.5760 0.3882 0.1824 0.0391

IH-37-2 SAN ANTONIO OCT '85 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, N
 1056 FT. SECTION BEGINS 14659 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.75 IN. AT 109.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	101.55	104.58	103.07	2.48
1.0	26.14	28.57	27.36	2.76
2.0	6.51	7.56	7.04	3.44
4.0	2.24	2.36	2.30	3.68
8.0	0.68	0.81	0.75	3.68
16.0	0.34	0.28	0.31	3.73
32.0	0.17	0.14	0.15	3.68
64.0	0.07	0.06	0.07	3.55
128.0	0.03	0.02	0.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 42.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.02

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

16 42.69 4.08 103.07 27.36 7.036 2.299 0.7472 0.3084 0.1542 0.0693 0.0241

IH-37-2 SAN ANTONIO OCT'85 NORTH-CTRL NORTHBOUND,OUTSIDE,BOTH PATHS,O

1056 FT. SECTION BEGINS16907 FT. FROM MARK O IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.55 IN. AT 949.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	85.65	76.23	80.94	2.72
1.0	26.13	20.84	23.48	2.99
2.0	6.93	5.43	6.18	3.72
4.0	1.97	1.66	1.82	4.11
8.0	0.52	0.62	0.57	3.98
16.0	0.27	0.27	0.27	3.88
32.0	0.16	0.14	0.15	3.71
64.0	0.08	0.07	0.08	3.46
128.0	0.02	0.02	0.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

16 29.93 4.31 80.94 23.48 6.179 1.816 0.5721 0.2675 0.1493 0.0753 0.0172

IH-37-2 SAN ANTONIO OCT'85 NORTH-CTRL NORTHBOUND,OUTSIDE,BOTH PATHS,P

1056 FT. SECTION BEGINS17963 FT. FROM MARK O IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.25 IN. AT 95.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	86.38	129.41	107.89	2.43
1.0	26.08	37.07	31.58	2.52
2.0	6.85	9.83	8.34	3.04
4.0	2.06	2.56	2.31	3.67
8.0	0.63	0.84	0.74	3.70
16.0	0.35	0.34	0.35	3.60
32.0	0.20	0.17	0.19	3.45
64.0	0.08	0.08	0.08	3.40
128.0	0.02	0.01	0.01	3.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.95

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

16 45.14 4.29 107.89 31.58 8.342 2.312 0.7354 0.3464 0.1852 0.0794 0.0148

IH-37-3 SAN ANTONIO OCT'85 NORTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.46 IN. AT 22.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	90.89	83.66	87.28	2.65
1.0	27.96	23.29	25.62	2.86
2.0	7.19	6.92	7.05	3.43
4.0	2.60	2.51	2.55	3.46
8.0	1.07	0.97	1.02	3.25
16.0	0.45	0.44	0.45	3.26
32.0	0.22	0.22	0.22	3.18
64.0	0.08	0.07	0.07	3.47
128.0	0.01	0.01	0.01	3.92

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.08

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.32

16 56.08 4.32 87.28 25.62 7.054 2.554 1.0178 0.4469 0.2234 0.0747 0.0121

IH-37-3 SAN ANTONIO OCT'85 NORTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.33 IN. AT 103.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.15	58.71	68.93	2.85
1.0	23.94	17.96	20.95	3.15
2.0	6.56	5.40	5.98	3.79
4.0	2.11	1.87	1.99	3.95
8.0	0.66	0.67	0.67	3.82
16.0	0.33	0.32	0.32	3.67
32.0	0.17	0.16	0.17	3.57
64.0	0.06	0.05	0.05	3.78
128.0	0.01	0.01	0.01	3.97

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.95

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.17

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.43

16 36.95 4.43 68.93 20.95 5.978 1.990 0.6657 0.3245 0.1680 0.0539 0.0112

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 2810 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.75 IN. AT 79.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	80.53	111.31	95.92	2.55
1.0	24.01	30.48	27.25	2.76
2.0	6.82	8.19	7.50	3.29
4.0	2.76	2.76	2.76	3.29
8.0	0.93	0.91	0.92	3.40
16.0	0.38	0.37	0.37	3.51
32.0	0.19	0.20	0.20	3.36
64.0	0.10	0.10	0.10	3.12
128.0	0.02	0.02	0.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.17

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

16 56.17 4.14 95.92 27.25 7.501 2.758 0.9204 0.3713 0.1979 0.0996 0.0187

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 3866 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.01 IN. AT 723.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.36	114.70	95.03	2.56
1.0	23.39	31.08	27.24	2.76
2.0	7.57	9.02	8.29	3.05
4.0	3.54	3.34	3.44	2.79
8.0	1.16	1.12	1.14	3.07
16.0	0.46	0.47	0.47	3.19
32.0	0.29	0.30	0.30	2.73
64.0	0.15	0.16	0.15	2.47
128.0	0.03	0.03	0.03	3.23

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 76.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.80

16 76.46 3.80 95.03 27.24 8.294 3.440 1.1392 0.4689 0.2959 0.1537 0.0293

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 4922 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.47 IN. AT 240.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	78.23	51.57	64.90	2.90
1.0	23.64	16.36	20.00	3.22
2.0	6.78	5.55	6.17	3.72
4.0	2.89	2.54	2.71	3.33
8.0	1.02	1.06	1.04	3.22
16.0	0.54	0.48	0.51	3.06
32.0	0.33	0.31	0.32	2.60
64.0	0.15	0.14	0.15	2.55
128.0	0.04	0.04	0.04	2.94

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.73

16 63.21 3.73 64.90 20.00 6.168 2.714 1.0399 0.5115 0.3185 0.1463 0.0374

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 5978 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.20 IN. AT 683.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.50	55.04	63.77	2.91
1.0	20.37	16.84	18.61	3.31
2.0	5.73	5.33	5.53	3.94
4.0	2.81	2.54	2.67	3.36
8.0	1.20	1.16	1.18	3.02
16.0	0.63	0.55	0.59	2.83
32.0	0.37	0.31	0.34	2.49
64.0	0.13	0.11	0.12	2.87
128.0	0.02	0.02	0.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

16 66.70 4.13 63.77 18.61 5.532 2.672 1.1761 0.5887 0.3398 0.1186 0.0203

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7034 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 782.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.47	53.82	63.64	2.91
1.0	20.57	16.92	18.75	3.30
2.0	5.68	5.72	5.70	3.88
4.0	2.68	2.73	2.71	3.34
8.0	1.14	1.07	1.11	3.12
16.0	0.54	0.46	0.50	3.09
32.0	0.26	0.23	0.25	3.03
64.0	0.09	0.08	0.08	3.33
128.0	0.02	0.02	0.02	3.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

16 62.44 4.06 63.64 18.75 5.702 2.705 1.1059 0.5012 0.2461 0.0843 0.0229

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8090 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.44 IN. AT 69.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.34	73.76	73.55	2.80
1.0	20.67	21.05	20.86	3.16
2.0	5.85	6.54	6.20	3.71
4.0	2.79	2.69	2.74	3.31
8.0	1.06	1.03	1.04	3.21
16.0	0.47	0.42	0.45	3.26
32.0	0.24	0.23	0.24	3.09
64.0	0.10	0.09	0.09	3.22
128.0	0.02	0.02	0.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.15

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.57

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

16 60.15 4.18 73.55 20.86 6.195 2.741 1.0433 0.4473 0.2368 0.0924 0.0177

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9146 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.35 IN. AT 694.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.25	63.07	68.16	2.86
1.0	20.60	18.89	19.74	3.23
2.0	6.02	6.35	6.18	3.72
4.0	2.91	2.92	2.92	3.17
8.0	1.20	1.25	1.23	2.95
16.0	0.57	0.50	0.53	3.00
32.0	0.29	0.26	0.27	2.87
64.0	0.09	0.08	0.09	3.30
128.0	0.02	0.02	0.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.74

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

16 68.74 4.13 68.16 19.74 6.184 2.916 1.2252 0.5321 0.2729 0.0863 0.0185

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10202 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 808.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.55	55.30	64.43	2.90
1.0	20.48	17.12	18.80	3.30
2.0	5.93	5.83	5.88	3.82
4.0	2.83	2.75	2.79	3.27
8.0	1.13	1.11	1.12	3.10
16.0	0.47	0.46	0.46	3.20
32.0	0.32	0.32	0.32	2.59
64.0	0.18	0.17	0.18	2.25
128.0	0.05	0.05	0.05	2.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.52

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.49

16 62.14 3.49 64.43 18.80 5.883 2.789 1.1221 0.4645 0.3206 0.1752 0.0474

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS11258 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.91 IN. AT 981.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.44	100.62	87.53	2.64
1.0	21.73	27.07	24.40	2.93
2.0	6.52	7.85	7.18	3.39
4.0	2.81	2.82	2.81	3.25
8.0	1.10	1.14	1.12	3.10
16.0	0.60	0.57	0.58	2.85
32.0	0.35	0.33	0.34	2.50
64.0	0.18	0.17	0.18	2.24
128.0	0.05	0.04	0.05	2.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.36

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.51

16 69.36 3.51 87.53 24.40 7.183 2.812 1.1175 0.5823 0.3362 0.1765 0.0458

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS12314 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.96 IN. AT 95.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.68	108.56	92.12	2.59
1.0	21.61	28.52	25.07	2.89
2.0	6.34	8.02	7.18	3.39
4.0	2.90	2.81	2.85	3.22
8.0	1.05	1.05	1.05	3.20
16.0	0.44	0.41	0.43	3.32
32.0	0.26	0.25	0.25	2.98
64.0	0.12	0.12	0.12	2.87
128.0	0.01	0.02	0.01	3.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 61.49

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.53

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

16 61.49 4.22 92.12 25.07 7.180 2.855 1.0493 0.4278 0.2549 0.1186 0.0147

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13370 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 97.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.12	59.51	66.82	2.88
1.0	21.05	17.57	19.31	3.26
2.0	6.26	5.81	6.04	3.77
4.0	3.19	2.97	3.08	3.04
8.0	1.24	1.30	1.27	2.89
16.0	0.38	0.35	0.36	3.53
32.0	0.21	0.20	0.21	3.29
64.0	0.11	0.10	0.11	3.03
128.0	0.03	0.03	0.03	3.26

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.83

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.88

16 62.83 3.88 66.82 19.31 6.039 3.083 1.2695 0.3648 0.2082 0.1060 0.0284

IH-37-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14426 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 975.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.41	55.54	63.98	2.91
1.0	21.20	16.96	19.08	3.28
2.0	6.57	5.53	6.05	3.76
4.0	3.05	2.61	2.83	3.24
8.0	1.17	1.06	1.12	3.10
16.0	0.45	0.37	0.41	3.38
32.0	0.24	0.21	0.22	3.18
64.0	0.12	0.10	0.11	2.99
128.0	0.01	0.01	0.01	3.82

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.57

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

16 59.93 4.24 63.98 19.08 6.048 2.829 1.1179 0.4101 0.2245 0.1095 0.0146

IH-37-3 SAN ANTONIO OCT'85 SOUTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,O

1056 FT. SECTION BEGINS16957 FT. FROM MARK O IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.57 IN. AT 298.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	257.27	779.31	518.29	0.47
1.0	74.90	198.66	136.78	0.29
2.0	19.16	50.29	34.73	0.25
4.0	4.95	12.28	8.61	0.78
8.0	1.37	2.99	2.18	1.87
16.0	0.48	0.83	0.66	2.65
32.0	0.25	0.29	0.27	2.88
64.0	0.12	0.12	0.12	2.86
128.0	0.03	0.03	0.03	3.36

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 198.84

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.32

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.00

16 198.84 3.00 518.29 136.78 34.728 8.615 2.1789 0.6553 0.2701 0.1200 0.0257

IH-37-3 SAN ANTONIO OCT'85 SOUTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,P

1056 FT. SECTION BEGINS18013 FT. FROM MARK O IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.82 IN. AT 64.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	255.01	729.39	492.20	0.52
1.0	71.62	185.10	128.36	0.34
2.0	19.40	48.86	34.13	0.27
4.0	5.39	11.85	8.62	0.78
8.0	1.63	3.27	2.45	1.64
16.0	0.79	1.01	0.90	2.06
32.0	0.43	0.45	0.44	1.99
64.0	0.16	0.16	0.16	2.42
128.0	0.03	0.03	0.03	3.29

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 213.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.96

16 213.04 2.96 492.20 128.36 34.130 8.618 2.4490 0.9037 0.4445 0.1588 0.0275

IH-37-4 SAN ANTONIO OCT'85 SOUTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.77 IN. AT 747.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	225.98	517.10	371.54	0.83
1.0	73.38	138.23	105.80	0.54
2.0	18.44	34.69	26.56	0.54
4.0	4.94	8.85	6.89	1.18
8.0	1.45	2.32	1.88	2.16
16.0	0.62	0.74	0.68	2.58
32.0	0.30	0.30	0.30	2.71
64.0	0.12	0.11	0.12	2.89
128.0	0.03	0.03	0.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 163.17

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.27

16 163.17 3.27 371.54 105.80 26.564 6.894 1.8807 0.6817 0.2997 0.1173 0.0263

IH-37-4 SAN ANTONIO OCT'85 SOUTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.24 IN. AT 76.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	303.84	920.58	612.21	0.32
1.0	112.29	230.52	171.40	0.15
2.0	31.35	58.88	45.12	0.10
4.0	7.74	14.92	11.33	0.41
8.0	2.09	3.73	2.91	1.32
16.0	0.69	1.02	0.86	2.16
32.0	0.26	0.31	0.28	2.80
64.0	0.07	0.07	0.07	3.49
128.0	0.01	0.02	0.01	3.86

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 268.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.80

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.83 ***

*** THE PSI HAS BEEN CALCULATED USING RMSVA VALUES OUTSIDE THE INFERENCE SPACE USED IN THE PSI MODEL

16 268.86 2.83 612.21 171.40 45.12 11.33 2.91 0.86 2.16 2.80 3.49 3.86

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 3043 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.15 IN. AT 164.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.86	144.46	110.66	2.40
1.0	23.00	39.40	31.20	2.54
2.0	6.41	10.25	8.33	3.04
4.0	2.69	3.29	2.99	3.11
8.0	0.91	1.13	1.02	3.24
16.0	0.34	0.37	0.36	3.55
32.0	0.20	0.21	0.20	3.32
64.0	0.10	0.10	0.10	3.12
128.0	0.02	0.02	0.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.52

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.01

16 60.52 4.01 110.66 31.20 8.328 2.992 1.0234 0.3587 0.2031 0.0995 0.0226

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 4099 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 378.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.11	52.38	62.24	2.93
1.0	19.97	15.65	17.81	3.37
2.0	5.47	5.12	5.29	4.03
4.0	2.49	2.19	2.34	3.64
8.0	0.82	0.76	0.79	3.61
16.0	0.28	0.22	0.25	3.94
32.0	0.12	0.11	0.12	3.97
64.0	0.07	0.07	0.07	3.52
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 40.18

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.08

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

16 40.18 4.15 62.24 17.81 5.294 2.340 0.7910 0.2489 0.1153 0.0709 0.0214

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 5155 FT. FROM MARK 0 IN FILE '4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.45 IN. AT 115.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED,SI
0.5	71.12	66.53	68.82	2.85
1.0	20.37	19.11	19.74	3.23
2.0	5.62	5.67	5.64	3.91
4.0	2.51	2.41	2.46	3.54
8.0	0.92	0.98	0.95	3.36
16.0	0.38	0.35	0.37	3.53
32.0	0.20	0.19	0.20	3.36
64.0	0.11	0.11	0.11	3.00
128.0	0.02	0.02	0.02	3.67

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.39

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

16 49.39 4.21 68.82 19.74 5.643 2.459 0.9491 0.3654 0.1980 0.1084 0.0181

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 6211 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 541.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.98	52.39	64.19	2.91
1.0	22.22	15.93	19.07	3.28
2.0	6.27	5.35	5.81	3.85
4.0	2.91	2.65	2.78	3.27
8.0	1.22	1.26	1.24	2.92
16.0	0.65	0.62	0.63	2.71
32.0	0.40	0.38	0.39	2.22
64.0	0.19	0.18	0.19	2.13
128.0	0.05	0.05	0.05	2.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.66

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.39

16 71.66 3.39 64.19 19.07 5.811 2.782 1.2437 0.6341 0.3932 0.1874 0.0517

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7267 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 896.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	70.59	49.52	60.05	2.96
1.0	19.88	15.18	17.53	3.39
2.0	5.56	5.13	5.34	4.01
4.0	2.57	2.27	2.42	3.57
8.0	0.96	0.91	0.93	3.38
16.0	0.45	0.41	0.43	3.31
32.0	0.25	0.23	0.24	3.07
64.0	0.10	0.10	0.10	3.15
128.0	0.03	0.03	0.03	3.10

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.77

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.88

16 52.20 3.88 60.05 17.53 5.343 2.419 0.9343 0.4299 0.2401 0.0974 0.0326

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8323 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.16 IN. AT 78.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.58	47.97	60.27	2.95
1.0	21.41	15.43	18.42	3.32
2.0	6.79	5.40	6.09	3.75
4.0	2.81	2.40	2.61	3.42
8.0	0.90	0.90	0.90	3.43
16.0	0.41	0.40	0.41	3.39
32.0	0.23	0.23	0.23	3.12
64.0	0.11	0.11	0.11	3.01
128.0	0.04	0.03	0.03	3.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.85

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.80

16 54.85 3.80 60.27 18.42 6.095 2.607 0.8999 0.4054 0.2322 0.1083 0.0350

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9379 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.25 IN. AT 793.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.61	140.77	106.69	2.44
1.0	21.45	36.17	28.81	2.67
2.0	7.02	9.72	8.37	3.03
4.0	2.99	3.24	3.12	3.02
8.0	0.91	1.10	1.01	3.26
16.0	0.42	0.40	0.41	3.38
32.0	0.26	0.24	0.25	3.02
64.0	0.14	0.13	0.14	2.66
128.0	0.04	0.03	0.03	3.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.71

16 66.14 3.71 106.69 28.81 8.367 3.116 1.0092 0.4102 0.2478 0.1362 0.0350

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10435 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.60 IN. AT 625.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.72	176.69	126.20	2.26
1.0	21.71	44.90	33.31	2.43
2.0	6.53	11.67	9.10	2.82
4.0	2.92	3.63	3.27	2.90
8.0	1.13	1.35	1.24	2.93
16.0	0.70	0.69	0.69	2.55
32.0	0.40	0.39	0.40	2.21
64.0	0.13	0.13	0.13	2.73
128.0	0.03	0.02	0.03	3.38

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 85.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

16 85.72 3.91 126.20 33.31 9.100 3.274 1.2397 0.6945 0.3955 0.1305 0.0253

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS11491 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.21 IN. AT 886.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.10	52.61	63.86	2.91
1.0	22.13	16.13	19.13	3.28
2.0	6.53	5.23	5.88	3.82
4.0	2.98	2.39	2.68	3.35
8.0	1.13	1.10	1.11	3.11
16.0	0.70	0.64	0.67	2.61
32.0	0.38	0.35	0.37	2.35
64.0	0.15	0.14	0.15	2.54
128.0	0.03	0.03	0.03	3.30

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.61

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.96

16 71.61 3.96 63.86 19.13 5.883 2.684 1.1143 0.6706 0.3667 0.1476 0.0273

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS12547 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 369.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.34	51.15	63.25	2.92
1.0	21.86	16.17	19.01	3.28
2.0	6.85	5.53	6.19	3.72
4.0	3.23	2.66	2.94	3.15
8.0	1.09	1.16	1.13	3.09
16.0	0.55	0.48	0.52	3.03
32.0	0.31	0.29	0.30	2.69
64.0	0.14	0.14	0.14	2.58
128.0	0.03	0.03	0.03	3.17

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.62

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.85

16 68.62 3.85 63.25 19.01 6.191 2.944 1.1276 0.5192 0.3026 0.1435 0.0308

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13603 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.80 IN. AT 846.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.21	93.99	83.60	2.69
1.0	21.43	25.71	23.57	2.99
2.0	6.19	7.23	6.71	3.54
4.0	2.84	2.83	2.83	3.23
8.0	0.97	1.12	1.05	3.21
16.0	0.54	0.51	0.52	3.02
32.0	0.38	0.36	0.37	2.34
64.0	0.18	0.17	0.17	2.29
128.0	0.04	0.04	0.04	2.88

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.67

16 66.45 3.67 83.60 23.57 6.710 2.834 1.0459 0.5229 0.3676 0.1711 0.0391

IH-37-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14659 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.56 IN. AT 125.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	82.29	166.96	124.62	2.27
1.0	25.15	44.24	34.69	2.36
2.0	6.65	10.79	8.72	2.93
4.0	2.51	3.24	2.88	3.20
8.0	0.77	1.02	0.90	3.44
16.0	0.28	0.30	0.29	3.79
32.0	0.14	0.15	0.15	3.73
64.0	0.07	0.07	0.07	3.54
128.0	0.03	0.02	0.03	3.39

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.72

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.97

16 54.16 3.97 124.62 34.69 8.721 2.875 0.8955 0.2912 0.1465 0.0695 0.0251

IH-37-4 SAN ANTONIO OCT'85 NORTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,O

1056 FT. SECTION BEGINS16907 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.74 IN. AT 961.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.73	80.10	78.42	2.74
1.0	21.73	21.65	21.69	3.11
2.0	5.26	5.87	5.57	3.93
4.0	1.72	1.61	1.67	4.25
8.0	0.45	0.63	0.54	4.04
16.0	0.23	0.26	0.24	3.96
32.0	0.14	0.15	0.14	3.75
64.0	0.07	0.07	0.07	3.58
128.0	0.01	0.01	0.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.41

16 25.42 4.41 78.42 21.69 5.566 1.667 0.5427 0.2447 0.1447 0.0671 0.0141

IH-37-4 SAN ANTONIO OCT'85 NORTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,P

1056 FT. SECTION BEGINS17963 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.40 IN. AT 100.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	129.09	198.52	163.80	1.93
1.0	38.09	50.04	44.07	1.94
2.0	10.58	15.36	12.97	1.94
4.0	2.67	4.07	3.37	2.84
8.0	0.64	1.06	0.85	3.52
16.0	0.25	0.33	0.29	3.81
32.0	0.13	0.13	0.13	3.84
64.0	0.06	0.06	0.06	3.69
128.0	0.01	0.01	0.01	3.96

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.47

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

16 64.47 4.19 163.80 44.07 12.969 3.368 0.8490 0.2852 0.1327 0.0598 0.0112

IH-37-5 SAN ANTONIO OCT'85 NORTH-CTRL SOUTHBOUND,INSIDE,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.73 IN. AT 2.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.77	87.15	83.46	2.69
1.0	22.66	27.90	25.28	2.88
2.0	5.82	6.43	6.13	3.74
4.0	1.98	1.95	1.96	3.98
8.0	0.65	0.67	0.66	3.84
16.0	0.32	0.30	0.31	3.72
32.0	0.19	0.19	0.19	3.39
64.0	0.09	0.09	0.09	3.24
128.0	0.01	0.01	0.01	3.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.35

16 35.54 4.35 83.46 25.28 6.129 1.961 0.6565 0.3110 0.1931 0.0907 0.0148

IH-37-5 SAN ANTONIO OCT'85 NORTH-CTRL SOUTHBOUND,INSIDE,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.41 IN. AT 134.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.01	74.88	76.94	2.76
1.0	22.36	21.45	21.91	3.09
2.0	6.11	6.64	6.38	3.65
4.0	2.42	2.89	2.66	3.38
8.0	1.08	1.28	1.18	3.01
16.0	0.43	0.49	0.46	3.22
32.0	0.18	0.20	0.19	3.43
64.0	0.06	0.06	0.06	3.71
128.0	0.01	0.01	0.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

16 59.06 4.27 76.94 21.91 6.378 2.657 1.1799 0.4603 0.1876 0.0586 0.0141

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 2810 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.86 IN. AT 930.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	81.76	98.99	90.38	2.61
1.0	23.22	25.55	24.39	2.94
2.0	6.67	6.91	6.79	3.52
4.0	3.07	2.49	2.78	3.28
8.0	1.11	1.00	1.05	3.20
16.0	0.42	0.45	0.44	3.29
32.0	0.24	0.28	0.26	2.94
64.0	0.11	0.12	0.12	2.90
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.30

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

16 60.30 4.08 90.38 24.39 6.790 2.778 1.0543 0.4360 0.2610 0.1165 0.0215

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 3866 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.19 IN. AT 384.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	86.13	139.98	113.05	2.38
1.0	26.15	36.65	31.40	2.53
2.0	7.80	9.83	8.81	2.90
4.0	3.37	3.20	3.29	2.89
8.0	1.24	1.27	1.25	2.91
16.0	0.51	0.59	0.55	2.94
32.0	0.31	0.33	0.32	2.59
64.0	0.17	0.16	0.16	2.37
128.0	0.03	0.03	0.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 77.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.85

16 77.90 3.85 113.05 31.40 8.813 3.287 1.2549 0.5521 0.3204 0.1636 0.0278

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, E

1056 FT. SECTION BEGINS 4922 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 250.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.66	50.14	62.90	2.92
1.0	21.77	14.99	18.38	3.33
2.0	6.72	4.71	5.72	3.88
4.0	3.25	2.04	2.65	3.38
8.0	1.17	0.94	1.06	3.19
16.0	0.50	0.54	0.52	3.04
32.0	0.33	0.36	0.34	2.47
64.0	0.15	0.16	0.15	2.48
128.0	0.03	0.03	0.03	3.03

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.52

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.80

16 62.16 3.80 62.90 18.38 5.719 2.647 1.0575 0.5184 0.3425 0.1528 0.0348

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, F

1056 FT. SECTION BEGINS 5978 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 348.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.26	50.90	63.58	2.91
1.0	21.63	14.65	18.14	3.34
2.0	6.57	4.26	5.42	3.99
4.0	3.00	1.85	2.42	3.57
8.0	1.03	0.89	0.96	3.34
16.0	0.47	0.46	0.46	3.21
32.0	0.23	0.22	0.23	3.15
64.0	0.11	0.11	0.11	2.98
128.0	0.02	0.02	0.02	3.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.17

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.72

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

16 54.17 4.14 63.58 18.14 5.416 2.424 0.9602 0.4627 0.2290 0.1101 0.0213

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7034 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.19 IN. AT 886.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.34	55.66	65.50	2.89
1.0	21.69	16.22	18.95	3.29
2.0	6.98	5.03	6.00	3.78
4.0	3.29	2.17	2.73	3.31
8.0	1.16	1.08	1.12	3.10
16.0	0.55	0.53	0.54	2.97
32.0	0.23	0.23	0.23	3.15
64.0	0.08	0.08	0.08	3.41
128.0	0.02	0.02	0.02	3.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 65.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.09

16 65.23 4.09 65.50 18.95 6.001 2.732 1.1159 0.5400 0.2281 0.0788 0.0217

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8090 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.31 IN. AT 70.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.48	77.35	76.92	2.76
1.0	21.31	20.89	21.10	3.14
2.0	6.23	5.76	5.99	3.78
4.0	3.08	2.40	2.74	3.31
8.0	1.18	1.13	1.15	3.05
16.0	0.52	0.57	0.54	2.97
32.0	0.23	0.23	0.23	3.13
64.0	0.09	0.08	0.09	3.31
128.0	0.02	0.02	0.02	3.68

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 65.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

16 65.54 4.17 76.92 21.10 5.994 2.743 1.1515 0.5414 0.2310 0.0853 0.0178

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9146 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 981.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.44	52.69	65.07	2.90
1.0	21.48	15.76	18.62	3.31
2.0	6.24	4.75	5.49	3.96
4.0	2.99	1.97	2.48	3.52
8.0	1.04	0.84	0.94	3.37
16.0	0.42	0.39	0.40	3.40
32.0	0.20	0.17	0.19	3.45
64.0	0.06	0.05	0.05	3.77
128.0	0.02	0.01	0.02	3.79

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 51.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.77

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.28

16 51.98 4.28 65.07 18.62 5.494 2.479 0.9432 0.4034 0.1855 0.0548 0.0152

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10202 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 232.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.81	49.14	62.48	2.93
1.0	21.52	14.78	18.15	3.34
2.0	6.10	4.59	5.35	4.01
4.0	2.71	2.00	2.36	3.63
8.0	1.03	1.05	1.04	3.21
16.0	0.56	0.62	0.59	2.83
32.0	0.38	0.40	0.39	2.22
64.0	0.20	0.21	0.20	1.99
128.0	0.05	0.05	0.05	2.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.91

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.57

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.43

16 59.91 3.43 62.48 18.15 5.345 2.355 1.0437 0.5898 0.3922 0.2038 0.0524

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS 11258 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.32 IN. AT 982.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	78.38	62.03	70.21	2.84
1.0	21.64	17.06	19.35	3.26
2.0	6.10	4.80	5.45	3.97
4.0	2.73	2.10	2.42	3.58
8.0	1.02	1.06	1.04	3.21
16.0	0.57	0.62	0.60	2.80
32.0	0.32	0.32	0.32	2.59
64.0	0.16	0.15	0.16	2.44
128.0	0.04	0.04	0.04	2.72

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 61.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.53

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.62

16 61.75 3.62 70.21 19.35 5.453 2.416 1.0413 0.5991 0.3211 0.1562 0.0438

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS 12314 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.71 IN. AT 96.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.22	82.61	78.42	2.74
1.0	20.68	21.83	21.26	3.13
2.0	5.68	6.09	5.88	3.82
4.0	2.56	2.24	2.40	3.59
8.0	0.99	1.08	1.03	3.23
16.0	0.49	0.62	0.56	2.92
32.0	0.26	0.29	0.28	2.84
64.0	0.12	0.12	0.12	2.90
128.0	0.02	0.02	0.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.11

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.12

16 59.11 4.12 78.42 21.26 5.883 2.404 1.0334 0.5572 0.2778 0.1164 0.0220

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13370 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.20 IN. AT 570.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.05	54.67	64.86	2.90
1.0	20.75	15.81	18.28	3.33
2.0	5.83	4.66	5.24	4.05
4.0	2.99	2.13	2.56	3.45
8.0	1.28	1.10	1.19	3.00
16.0	0.44	0.57	0.51	3.08
32.0	0.25	0.29	0.27	2.87
64.0	0.12	0.13	0.13	2.79
128.0	0.02	0.02	0.02	3.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.58

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

16 59.56 4.08 64.86 18.28 5.245 2.561 1.1917 0.5053 0.2725 0.1255 0.0231

IH-37-5 SAN ANTONIO OCT'85 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14426 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 422.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.63	53.48	63.55	2.91
1.0	20.53	15.12	17.82	3.37
2.0	5.80	4.35	5.07	4.11
4.0	2.68	1.84	2.26	3.71
8.0	0.98	0.83	0.91	3.42
16.0	0.37	0.45	0.41	3.37
32.0	0.21	0.24	0.23	3.17
64.0	0.10	0.10	0.10	3.10
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.89

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

16 47.71 4.16 63.55 17.82 5.072 2.258 0.9062 0.4120 0.2253 0.1009 0.0214

IH-37-5 SAN ANTONIO OCT'85 SOUTH-CTRL SOUTHBOUND,INSIDE,BOTH PATHS,O

1056 FT. SECTION BEGINS16957 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.56 IN. AT 269.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	199.88	674.34	437.11	0.64
1.0	61.96	171.09	116.53	0.43
2.0	15.08	41.86	28.47	0.45
4.0	4.04	10.83	7.44	1.03
8.0	1.05	2.78	1.92	2.12
16.0	0.40	0.79	0.59	2.82
32.0	0.21	0.27	0.24	3.09
64.0	0.10	0.10	0.10	3.15
128.0	0.02	0.02	0.02	3.68

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 169.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.62

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.38

16 169.96 3.38 437.11 116.53 28.468 7.438 1.9173 0.5947 0.2370 0.0970 0.0179

IH-37-5 SAN ANTONIO OCT'85 SOUTH-CTRL SOUTHBOUND,INSIDE,BOTH PATHS,P

1056 FT. SECTION BEGINS18013 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 9.31 IN. AT 1016.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	193.89	1555.50	874.69	0.12
1.0	56.12	266.30	161.21	0.18
2.0	16.08	91.95	54.02	0.05
4.0	5.12	22.94	14.03	0.22
8.0	1.73	5.99	3.86	0.85
16.0	0.86	1.69	1.27	1.43
32.0	0.49	0.59	0.54	1.62
64.0	0.19	0.18	0.18	2.16
128.0	0.03	0.03	0.03	3.27

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 350.85

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.45

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.07 ***

*** THE PSI HAS BEEN CALCULATED USING RMSVA VALUES OUTSIDE THE INFERENCE SPACE USED IN THE PSI MODEL

16 350.85 2.07 874.69 161.21 54.017 14.028 3.8604 1.2724 0.5381 0.1840 0.0281

IH-37-6 SAN ANTONIO OCT'85 SOUTH-CTRL NORTHBOUND,INSIDE,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 9.23 IN. AT 270.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	297.08	1459.77	878.43	0.12
1.0	94.59	354.06	224.32	0.05
2.0	23.79	90.69	57.24	0.04
4.0	6.11	22.83	14.47	0.20
8.0	1.70	5.82	3.76	0.89
16.0	0.63	1.52	1.07	1.74
32.0	0.28	0.43	0.35	2.41
64.0	0.11	0.13	0.12	2.92
128.0	0.03	0.04	0.03	3.13

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 349.13

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 1.90 ***

*** THE PSI HAS BEEN CALCULATED USING RMSVA VALUES OUTSIDE THE INFERENCE SPACE USED IN THE PSI MODEL

16 349.13 1.90 878.43 224.32 57.240 14.468 3.7605 1.0750 0.3539 0.1151 0.0320

IH-37-6 SAN ANTONIO OCT'85 SOUTH-CTRL NORTHBOUND,INSIDE,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 9.14 IN. AT 327.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	315.02	1187.35	751.18	0.19
1.0	103.38	310.93	207.15	0.07
2.0	25.99	76.56	51.28	0.06
4.0	6.60	19.42	13.01	0.27
8.0	1.84	4.87	3.36	1.07
16.0	0.69	1.35	1.02	1.84
32.0	0.30	0.43	0.36	2.36
64.0	0.06	0.11	0.09	3.31
128.0	0.01	0.02	0.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 314.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.58

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.45 ***

*** THE PSI HAS BEEN CALCULATED USING RMSVA VALUES OUTSIDE THE
INFERENCE SPACE USED IN THE PSI MODEL

16 314.44 2.45 751.18 207.15 51.276 13.010 3.3558 1.0190 0.3648 0.0853 0.0184

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C

1056 FT. SECTION BEGINS 3043 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.80 IN. AT 17.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.96	105.74	91.35	2.60
1.0	22.46	28.64	25.55	2.86
2.0	6.81	7.76	7.29	3.36
4.0	3.19	2.93	3.06	3.06
8.0	1.23	1.31	1.27	2.88
16.0	0.50	0.65	0.57	2.88
32.0	0.28	0.35	0.32	2.62
64.0	0.12	0.14	0.13	2.72
128.0	0.03	0.03	0.03	3.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.15

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

16 74.15 3.86 91.35 25.55 7.286 3.059 1.2716 0.5727 0.3158 0.1315 0.0290

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, D

1056 FT. SECTION BEGINS 4099 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 186.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.14	50.07	62.61	2.93
1.0	21.00	14.91	17.95	3.36
2.0	5.44	4.35	4.90	4.17
4.0	2.30	1.80	2.05	3.90
8.0	0.72	0.73	0.72	3.72
16.0	0.27	0.31	0.29	3.79
32.0	0.13	0.15	0.14	3.78
64.0	0.08	0.08	0.08	3.43
128.0	0.02	0.02	0.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

16 36.42 4.18 62.61 17.95 4.899 2.050 0.7242 0.2925 0.1406 0.0773 0.0220

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, E

1056 FT. SECTION BEGINS 5155 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.17 IN. AT 115.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.13	50.21	63.17	2.92
1.0	21.67	14.83	18.25	3.34
2.0	5.62	4.41	5.02	4.13
4.0	2.34	1.88	2.11	3.84
8.0	0.92	0.91	0.91	3.41
16.0	0.42	0.44	0.43	3.31
32.0	0.22	0.23	0.22	3.20
64.0	0.11	0.11	0.11	2.99
128.0	0.02	0.02	0.02	3.62

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.94

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

16 45.60 4.24 63.17 18.25 5.017 2.111 0.9119 0.4307 0.2215 0.1094 0.0192

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, F

1056 FT. SECTION BEGINS 6211 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.59 IN. AT 589.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.78	76.66	75.72	2.77
1.0	21.58	21.18	21.38	3.13
2.0	5.72	5.70	5.71	3.88
4.0	2.60	2.22	2.41	3.58
8.0	1.14	1.13	1.13	3.08
16.0	0.63	0.69	0.66	2.64
32.0	0.37	0.37	0.37	2.34
64.0	0.18	0.17	0.18	2.24
128.0	0.05	0.05	0.05	2.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 65.03

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.45

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.49

16 65.03 3.49 75.72 21.38 5.712 2.408 1.1317 0.6598 0.3676 0.1759 0.0497

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, G

1056 FT. SECTION BEGINS 7267 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 456.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.52	49.58	62.05	2.93
1.0	20.92	15.06	17.99	3.35
2.0	5.64	4.66	5.15	4.08
4.0	2.54	1.96	2.25	3.72
8.0	0.91	0.90	0.91	3.42
16.0	0.43	0.44	0.43	3.30
32.0	0.23	0.23	0.23	3.15
64.0	0.10	0.11	0.10	3.05
128.0	0.04	0.04	0.04	2.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.67

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.77

16 48.67 3.77 62.05 17.99 5.154 2.248 0.9075 0.4329 0.2280 0.1048 0.0384

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, H

1056 FT. SECTION BEGINS 8323 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 395.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.18	52.22	62.20	2.93
1.0	20.13	15.55	17.84	3.36
2.0	5.50	4.56	5.03	4.12
4.0	2.39	1.95	2.17	3.79
8.0	0.83	0.92	0.87	3.48
16.0	0.44	0.53	0.49	3.14
32.0	0.24	0.25	0.24	3.06
64.0	0.12	0.12	0.12	2.83
128.0	0.04	0.04	0.04	2.77

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.83

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.69

16 49.98 3.69 62.20 17.84 5.033 2.169 0.8731 0.4858 0.2423 0.1223 0.0423

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, I

1056 FT. SECTION BEGINS 9379 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.27 IN. AT 991.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.64	60.14	67.89	2.86
1.0	20.96	17.28	19.12	3.28
2.0	5.61	5.08	5.35	4.01
4.0	2.44	2.09	2.27	3.71
8.0	0.83	0.93	0.88	3.47
16.0	0.40	0.46	0.43	3.32
32.0	0.25	0.26	0.26	2.97
64.0	0.13	0.14	0.14	2.67
128.0	0.03	0.03	0.03	3.03

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

16 48.79 3.86 67.89 19.12 5.347 2.268 0.8791 0.4274 0.2558 0.1353 0.0346

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, J

1056 FT. SECTION BEGINS 10435 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.56 IN. AT 105.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.87	74.54	74.20	2.79
1.0	21.06	21.12	21.09	3.15
2.0	5.94	5.96	5.95	3.80
4.0	2.79	2.44	2.61	3.41
8.0	1.17	1.20	1.19	3.00
16.0	0.70	0.71	0.70	2.52
32.0	0.41	0.41	0.41	2.14
64.0	0.12	0.12	0.12	2.82
128.0	0.03	0.03	0.03	3.38

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.28

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.02

16 71.98 4.02 74.20 21.09 5.951 2.613 1.1851 0.7039 0.4097 0.1232 0.0253

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, K

1056 FT. SECTION BEGINS 11491 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 946.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.51	55.14	64.32	2.91
1.0	21.03	16.46	18.75	3.30
2.0	5.99	4.97	5.48	3.96
4.0	2.78	2.15	2.46	3.54
8.0	1.06	1.02	1.04	3.22
16.0	0.60	0.57	0.59	2.84
32.0	0.34	0.31	0.32	2.58
64.0	0.13	0.12	0.13	2.78
128.0	0.02	0.02	0.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 61.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.52

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

16 61.99 4.10 64.32 18.75 5.480 2.462 1.0378 0.5858 0.3224 0.1264 0.0227

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, L

1056 FT. SECTION BEGINS 12547 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.28 IN. AT 976.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.60	51.51	64.05	2.91
1.0	21.49	15.32	18.40	3.33
2.0	5.60	4.74	5.17	4.07
4.0	2.41	2.13	2.27	3.70
8.0	1.03	1.08	1.05	3.20
16.0	0.58	0.63	0.61	2.78
32.0	0.34	0.35	0.34	2.48
64.0	0.16	0.16	0.16	2.45
128.0	0.03	0.03	0.03	3.15

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

16 58.99 3.93 64.05 18.40 5.172 2.270 1.0511 0.6058 0.3410 0.1553 0.0314

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND,INSIDE LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13603 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.25 IN. AT 868.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.87	51.72	63.79	2.91
1.0	22.14	16.36	19.25	3.27
2.0	6.33	5.47	5.90	3.82
4.0	2.90	2.52	2.71	3.33
8.0	1.09	1.10	1.09	3.14
16.0	0.52	0.55	0.54	2.98
32.0	0.35	0.34	0.34	2.48
64.0	0.15	0.14	0.15	2.51
128.0	0.03	0.03	0.03	3.07

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.82

16 64.57 3.82 63.79 19.25 5.901 2.711 1.0921 0.5365 0.3405 0.1497 0.0335

IH-37-6 SAN ANTONIO OCT'85 TEST NORTHBOUND,INSIDE LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14659 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.54 IN. AT 301.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.52	96.15	87.83	2.64
1.0	23.12	27.21	25.16	2.89
2.0	6.25	7.42	6.84	3.50
4.0	2.34	2.33	2.34	3.65
8.0	0.77	0.90	0.84	3.53
16.0	0.41	0.50	0.45	3.24
32.0	0.23	0.28	0.26	2.96
64.0	0.10	0.12	0.11	2.98
128.0	0.03	0.03	0.03	3.15

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 51.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.78

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

16 51.75 3.91 87.83 25.16 6.836 2.335 0.8394 0.4538 0.2575 0.1099 0.0313

IH-37-6 SAN ANTONIO OCT'85 NORTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, O

1056 FT. SECTION BEGINS 16907 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.36 IN. AT 972.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	111.90	115.72	113.81	2.37
1.0	27.43	44.74	36.09	2.29
2.0	7.59	11.01	9.30	2.77
4.0	2.20	3.02	2.61	3.41
8.0	0.58	0.83	0.71	3.75
16.0	0.27	0.31	0.29	3.79
32.0	0.15	0.15	0.15	3.72
64.0	0.05	0.05	0.05	3.88
128.0	0.01	0.01	0.01	3.92

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

16 48.46 4.30 113.81 36.09 9.302 2.611 0.7067 0.2914 0.1483 0.0473 0.0122

IH-37-6 SAN ANTONIO OCT'85 NORTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, P

1056 FT. SECTION BEGINS 17963 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.41 IN. AT 115.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.15	66.80	71.48	2.82
1.0	21.28	18.60	19.94	3.22
2.0	5.49	5.23	5.36	4.01
4.0	1.70	1.55	1.62	4.30
8.0	0.43	0.50	0.47	4.17
16.0	0.21	0.24	0.23	4.02
32.0	0.12	0.14	0.13	3.86
64.0	0.05	0.05	0.05	3.80
128.0	0.01	0.01	0.01	4.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 23.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.53

16 23.46 4.53 71.48 19.94 5.361 1.621 0.4658 0.2277 0.1298 0.0524 0.0090

LP410-1 SAN ANTONIO OCT'85 CTRL SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,A

1300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.45 IN. AT 603.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	82.75	152.38	117.56	2.34
1.0	25.06	40.54	32.80	2.46
2.0	7.12	10.95	9.03	2.84
4.0	2.72	3.57	3.15	3.00
8.0	1.25	1.51	1.38	2.74
16.0	0.82	0.83	0.83	2.23
32.0	0.49	0.48	0.49	1.81
64.0	0.22	0.21	0.22	1.88
128.0	0.05	0.05	0.05	2.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 90.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.32

2 90.55 3.32 117.56 32.80 9.034 3.146 1.3821 0.8279 0.4878 0.2159 0.0514

LP410-1 SAN ANTONIO OCT'85 CTRL SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,B

1300 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.18 IN. AT 718.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	72.66	53.13	62.89	2.92
1.0	21.21	16.01	18.61	3.31
2.0	6.06	5.52	5.79	3.86
4.0	2.62	2.44	2.53	3.48
8.0	1.16	1.19	1.17	3.02
16.0	0.69	0.68	0.69	2.57
32.0	0.44	0.42	0.43	2.05
64.0	0.22	0.20	0.21	1.93
128.0	0.05	0.05	0.05	2.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.17

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.35

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.37

2 69.17 3.37 62.89 18.61 5.786 2.533 1.1732 0.6850 0.4303 0.2100 0.0538

LP410-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,A

1300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.07 IN. AT 1215.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	90.22	137.72	113.97	2.37
1.0	26.04	40.14	33.09	2.44
2.0	7.09	10.60	8.85	2.89
4.0	2.68	3.70	3.19	2.96
8.0	1.07	1.41	1.24	2.93
16.0	0.56	0.60	0.58	2.85
32.0	0.29	0.31	0.30	2.70
64.0	0.14	0.14	0.14	2.63
128.0	0.05	0.05	0.05	2.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 77.53

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.41

2 77.53 3.41 113.97 33.09 8.845 3.194 1.2390 0.5812 0.3002 0.1391 0.0473

LP410-2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,B

1300 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.45 IN. AT 956.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.13	156.88	116.51	2.35
1.0	22.33	41.55	31.94	2.50
2.0	6.34	10.46	8.40	3.02
4.0	2.72	3.59	3.15	2.99
8.0	1.48	1.66	1.57	2.50
16.0	1.01	1.02	1.02	1.84
32.0	0.62	0.58	0.60	1.42
64.0	0.23	0.22	0.23	1.80
128.0	0.05	0.04	0.05	2.68

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 101.63

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.47

2 101.63 3.47 116.51 31.94 8.402 3.154 1.5712 1.0196 0.6002 0.2261 0.0450

LP410-3 SAN ANTONIO OCT'85 CTRL SOUTHBOUND,INSIDE LANE, BOTH PATHS,A
 1300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.51 IN. AT 98.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	90.78	182.19	136.48	2.16
1.0	26.61	47.95	37.28	2.24
2.0	8.11	12.19	10.15	2.55
4.0	3.31	3.88	3.60	2.68
8.0	1.49	1.58	1.53	2.55
16.0	0.96	0.96	0.96	1.95
32.0	0.56	0.55	0.56	1.57
64.0	0.24	0.23	0.23	1.76
128.0	0.06	0.06	0.06	2.30

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 107.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.10

2 107.89 3.10 136.48 37.28 10.150 3.598 1.5346 0.9612 0.5555 0.2317 0.0581

LP410-3 SAN ANTONIO OCT'85 CTRL SOUTHBOUND,INSIDE LANE, BOTH PATHS,B
 1300 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.21 IN. AT 57.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.50	50.18	63.84	2.91
1.0	21.73	15.64	18.68	3.31
2.0	5.85	5.20	5.52	3.95
4.0	2.55	2.49	2.52	3.49
8.0	1.17	1.23	1.20	2.99
16.0	0.70	0.72	0.71	2.51
32.0	0.43	0.43	0.43	2.03
64.0	0.19	0.18	0.19	2.14
128.0	0.06	0.06	0.06	2.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 70.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.32

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.32

2 70.40 3.32 63.84 18.68 5.524 2.522 1.1987 0.7107 0.4335 0.1864 0.0565

LP410-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,INSIDE LANE, BOTH PATHS,A

1300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.50 IN. AT 675.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	89.95	148.04	118.99	2.32
1.0	26.35	40.85	33.60	2.42
2.0	7.01	10.55	8.78	2.91
4.0	2.72	3.58	3.15	2.99
8.0	1.14	1.41	1.28	2.88
16.0	0.67	0.66	0.66	2.62
32.0	0.31	0.28	0.30	2.72
64.0	0.13	0.12	0.13	2.78
128.0	0.04	0.04	0.04	2.78

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.54

2 81.29 3.54 118.99 33.60 8.779 3.147 1.2758 0.6648 0.2969 0.1266 0.0419

LP410-4 SAN ANTONIO OCT'85 TEST NORTHBOUND,INSIDE LANE, BOTH PATHS,B

1300 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.72 IN. AT 1142.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	85.47	109.62	97.54	2.54
1.0	25.33	30.57	27.95	2.72
2.0	6.78	8.49	7.63	3.25
4.0	2.77	3.09	2.93	3.16
8.0	1.44	1.54	1.49	2.60
16.0	0.97	0.97	0.97	1.93
32.0	0.54	0.51	0.53	1.67
64.0	0.20	0.19	0.20	2.04
128.0	0.04	0.04	0.04	2.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 94.09

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.81

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.60

2 94.09 3.60 97.54 27.95 7.634 2.932 1.4903 0.9715 0.5261 0.1974 0.0412

MCMULLEN1 SAN ANTONIO OCT'85 CTRL SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM851

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.67 IN. AT 424.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	234.63	225.12	229.88	1.48
1.0	49.68	59.09	54.38	1.56
2.0	14.53	15.79	15.16	1.57
4.0	5.10	4.75	4.92	1.93
8.0	2.16	2.00	2.08	1.96
16.0	1.10	0.90	1.00	1.88
32.0	0.65	0.52	0.59	1.46
64.0	0.27	0.23	0.25	1.61
128.0	0.06	0.05	0.05	2.45

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 138.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.03

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.01

3 138.65 3.01 229.88 54.38 15.163 4.923 2.0790 0.9988 0.5878 0.2523 0.0527

MCMULLEN1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM851

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.97 IN. AT 534.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	122.72	172.35	147.54	2.07
1.0	33.11	45.82	39.47	2.13
2.0	10.27	12.11	11.19	2.31
4.0	3.72	3.61	3.67	2.63
8.0	2.19	1.40	1.80	2.25
16.0	1.56	0.80	1.18	1.57
32.0	0.76	0.38	0.57	1.51
64.0	0.25	0.18	0.21	1.92
128.0	0.05	0.04	0.05	2.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 121.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.33

3 121.56 3.33 147.54 39.47 11.188 3.666 1.7967 1.1757 0.5731 0.2120 0.0474

MCMULLEN1 SAN ANTONIO OCT'85 CTRL SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM851

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.20 IN. AT 145.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	165.32	141.87	153.60	2.02
1.0	45.57	51.03	48.30	1.77
2.0	13.50	14.09	13.80	1.79
4.0	4.66	4.54	4.60	2.09
8.0	2.02	1.83	1.93	2.11
16.0	1.17	0.90	1.03	1.81
32.0	0.62	0.37	0.50	1.78
64.0	0.16	0.13	0.15	2.55
128.0	0.03	0.03	0.03	3.27

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 133.66

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.11

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.63

3 133.66 3.63 153.60 48.30 13.796 4.599 1.9267 1.0341 0.4965 0.1465 0.0282

MCMULLEN2 SAN ANTONIO OCT'85 CTRL NORTHBOUND,OUTSIDE LANE,BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM852

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.46 IN. AT 15.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	154.12	222.95	188.53	1.75
1.0	55.83	67.87	61.85	1.33
2.0	20.50	21.87	21.18	0.88
4.0	9.21	6.25	7.73	0.96
8.0	2.90	1.59	2.24	1.81
16.0	1.06	0.54	0.80	2.29
32.0	0.56	0.32	0.44	1.99
64.0	0.24	0.16	0.20	1.99
128.0	0.04	0.03	0.04	2.91

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 188.05

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.93

3 188.05 2.93 188.53 61.85 21.184 7.731 2.2430 0.8013 0.4427 0.2039 0.0380

MCMULLEN2 SAN ANTONIO OCT'85 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM852

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.63 IN. AT 155.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	173.17	67.48	120.33	2.31
1.0	43.84	20.41	32.12	2.49
2.0	11.88	5.96	8.92	2.87
4.0	3.62	2.00	2.81	3.25
8.0	1.19	0.83	1.01	3.26
16.0	0.76	0.57	0.66	2.63
32.0	0.45	0.38	0.41	2.13
64.0	0.14	0.11	0.12	2.81
128.0	0.05	0.04	0.04	2.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.55

3 73.98 3.55 120.33 32.12 8.920 2.810 1.0105 0.6644 0.4120 0.1239 0.0435

MCMULLEN2 SAN ANTONIO OCT'85 CTRL NORTHBOUND,OUTSIDE LANE,BOTH PATHS,C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM852

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.57 IN. AT 582.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	161.73	106.76	134.24	2.18
1.0	51.85	32.49	42.17	2.01
2.0	16.43	9.38	12.90	1.96
4.0	4.67	3.22	3.95	2.46
8.0	1.78	1.27	1.53	2.56
16.0	1.09	0.80	0.95	1.98
32.0	0.70	0.51	0.61	1.41
64.0	0.25	0.20	0.23	1.80
128.0	0.05	0.04	0.04	2.72

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 114.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.36

3 114.51 3.36 134.24 42.17 12.903 3.946 1.5253 0.9452 0.6060 0.2261 0.0438

MCMULLEN3 SAN ANTONIO OCT'85 CTRL SOUTHBOUND,CENTER LANE, BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM853

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.57 IN. AT 192.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	129.58	238.33	183.96	1.78
1.0	36.47	67.48	51.97	1.64
2.0	9.29	16.89	13.09	1.92
4.0	2.89	4.53	3.71	2.61
8.0	1.04	1.33	1.19	3.00
16.0	0.58	0.55	0.57	2.89
32.0	0.38	0.35	0.36	2.36
64.0	0.19	0.16	0.17	2.28
128.0	0.04	0.03	0.04	2.95

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 87.85

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.55

3 87.85 3.55 183.96 51.97 13.088 3.710 1.1852 0.5667 0.3633 0.1717 0.0371

MCMULLEN3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM853

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.46 IN. AT 442.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	116.93	95.98	106.45	2.45
1.0	34.72	24.52	29.62	2.63
2.0	9.29	6.78	8.03	3.13
4.0	2.82	2.11	2.47	3.53
8.0	0.83	0.78	0.80	3.59
16.0	0.45	0.50	0.48	3.17
32.0	0.31	0.34	0.32	2.57
64.0	0.16	0.17	0.17	2.31
128.0	0.04	0.03	0.04	3.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.91

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.79

3 55.91 3.79 106.45 29.62 8.031 2.468 0.8045 0.4765 0.3238 0.1687 0.0355

MCMULLEN3 SAN ANTONIO OCT'85 CTRL SOUTHBOUND,CENTER LANE, BOTH PATHS,C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM853

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.75 IN. AT 117.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	202.21	85.72	143.97	2.10
1.0	54.39	27.07	40.73	2.08
2.0	14.70	8.46	11.58	2.22
4.0	5.29	3.41	4.35	2.22
8.0	2.04	1.52	1.78	2.27
16.0	0.99	0.77	0.88	2.11
32.0	0.49	0.43	0.46	1.92
64.0	0.18	0.16	0.17	2.28
128.0	0.05	0.04	0.04	2.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 119.53

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.37

3 119.53 3.37 143.97 40.73 11.582 4.351 1.7786 0.8798 0.4605 0.1716 0.0413

MCMULLEN4 SAN ANTONIO OCT'85 CTRL NORTHBOUND,CENTER LANE, BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM854

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.40 IN. AT 535.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	220.20	268.23	244.22	1.39
1.0	57.48	89.91	73.70	1.04
2.0	16.73	22.45	19.59	1.03
4.0	4.48	5.76	5.12	1.83
8.0	1.28	1.56	1.42	2.69
16.0	0.46	0.45	0.46	3.23
32.0	0.23	0.21	0.22	3.21
64.0	0.12	0.11	0.12	2.90
128.0	0.03	0.03	0.03	3.08

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 111.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.40

3 111.99 3.40 244.22 73.70 19.595 5.121 1.4165 0.4552 0.2200 0.1164 0.0332

MCMULLEN4 SAN ANTONIO OCT'85 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM854

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.93 IN. AT 375.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	213.33	151.55	182.44	1.79
1.0	51.73	40.56	46.14	1.85
2.0	14.27	10.29	12.28	2.08
4.0	3.85	3.00	3.42	2.80
8.0	1.16	1.03	1.09	3.14
16.0	0.57	0.56	0.57	2.90
32.0	0.37	0.39	0.38	2.28
64.0	0.13	0.16	0.15	2.52
128.0	0.03	0.03	0.03	3.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.63

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.78

3 81.63 3.78 182.44 46.14 12.279 3.425 1.0905 0.5654 0.3799 0.1486 0.0290

MCMULLEN4 SAN ANTONIO OCT'85 CTRL NORTHBOUND,CENTER LANE, BOTH PATHS,C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM854

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.58 IN. AT 545.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	169.45	336.82	253.14	1.34
1.0	46.33	90.73	68.53	1.16
2.0	12.13	25.66	18.90	1.10
4.0	3.57	6.66	5.12	1.84
8.0	1.13	1.73	1.43	2.68
16.0	0.65	0.71	0.68	2.58
32.0	0.40	0.37	0.38	2.26
64.0	0.16	0.15	0.16	2.43
128.0	0.03	0.03	0.03	3.27

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 124.85

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.52

3 124.85 3.52 253.14 68.53 18.899 5.117 1.4282 0.6827 0.3847 0.1571 0.0282

MCMULLEN5 SAN ANTONIO OCT/85 ^{CRV} ~~TEST~~ SOUTHBOUND, INSIDE, BOTH PATHS, A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM855

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.18 IN. AT 535.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	94.71	78.79	86.75	2.65
1.0	26.52	24.85	25.68	2.86
2.0	6.99	7.52	7.25	3.37
4.0	2.50	2.91	2.71	3.34
8.0	0.87	1.06	0.97	3.33
16.0	0.44	0.61	0.52	3.02
32.0	0.26	0.30	0.28	2.82
64.0	0.12	0.10	0.11	3.03
128.0	0.02	0.02	0.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

3 63.73 4.06 86.75 25.68 7.252 2.706 0.9662 0.5236 0.2805 0.1062 0.0227

MCMULLEN5 SAN ANTONIO OCT/85 TEST SOUTHBOUND, INSIDE, BOTH PATHS, B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM855

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.65 IN. AT 34.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	95.50	109.55	102.53	2.49
1.0	26.68	30.75	28.71	2.68
2.0	6.96	8.08	7.52	3.28
4.0	2.27	2.52	2.40	3.59
8.0	0.83	0.98	0.90	3.43
16.0	0.57	0.66	0.62	2.75
32.0	0.41	0.48	0.44	1.99
64.0	0.21	0.23	0.22	1.85
128.0	0.04	0.04	0.04	2.82

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.68

3 62.40 3.68 102.53 28.71 7.518 2.396 0.9033 0.6180 0.4439 0.2203 0.0409

MCMULLEN5 SAN ANTONIO OCT '85 ^{CTK} TEST SOUTHBOUND, INSIDE, BOTH PATHS, C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM855

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.13 IN. AT 247.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	166.17	153.57	159.87	1.97
1.0	36.81	39.32	38.07	2.20
2.0	10.22	11.59	10.90	2.37
4.0	3.21	3.62	3.42	2.80
8.0	1.21	1.48	1.35	2.78
16.0	0.72	0.77	0.74	2.42
32.0	0.40	0.42	0.41	2.15
64.0	0.14	0.14	0.14	2.62
128.0	0.03	0.03	0.03	3.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 91.63

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.85

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.79

3 91.63 3.79 159.87 38.07 10.904 3.415 1.3481 0.7448 0.4069 0.1397 0.0289

MCMULLEN6 SAN ANTONIO OCT '85 ^{CTK} TEST NORTHBOUND, INSIDE, BOTH PATHS, A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM856

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.80 IN. AT 372.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	128.53	99.71	114.12	2.37
1.0	33.60	33.21	33.41	2.43
2.0	9.17	9.15	9.16	2.81
4.0	2.66	2.74	2.70	3.34
8.0	0.75	1.05	0.90	3.44
16.0	0.39	0.50	0.44	3.27
32.0	0.23	0.28	0.26	2.97
64.0	0.10	0.11	0.10	3.05
128.0	0.03	0.03	0.03	3.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.03

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

3 59.03 3.90 114.12 33.41 9.164 2.699 0.8968 0.4437 0.2570 0.1048 0.0289

MCMULLENG SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE, BOTH PATHS, B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM856

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.04 IN. AT 567.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	112.26	198.15	155.21	2.00
1.0	31.15	51.27	41.21	2.06
2.0	9.26	13.73	11.50	2.24
4.0	3.38	4.04	3.71	2.60
8.0	1.06	1.32	1.19	2.99
16.0	0.59	0.64	0.62	2.75
32.0	0.43	0.44	0.43	2.04
64.0	0.18	0.18	0.18	2.17
128.0	0.03	0.03	0.03	3.20

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 90.83

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.72

3 90.83 3.72 155.21 41.21 11.496 3.713 1.1935 0.6179 0.4324 0.1837 0.0300

MCMULLENG SAN ANTONIO OCT'85 TEST NORTHBOUND, INSIDE, BOTH PATHS, C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM856

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.31 IN. AT 77.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	126.50	184.19	155.35	2.00
1.0	31.40	49.20	40.30	2.10
2.0	9.49	11.64	10.57	2.45
4.0	3.50	3.50	3.50	2.75
8.0	1.07	1.15	1.11	3.11
16.0	0.55	0.51	0.53	2.99
32.0	0.32	0.26	0.29	2.74
64.0	0.13	0.10	0.12	2.90
128.0	0.02	0.02	0.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.36

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.99

3 81.36 3.99 155.35 40.30 10.566 3.499 1.1143 0.5326 0.2940 0.1165 0.0200

US281-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,A

1125 FT. SECTION BEGINS 1250 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 172.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.60	52.98	65.29	2.89
1.0	23.59	17.36	20.47	3.19
2.0	7.22	6.12	6.67	3.55
4.0	2.83	2.82	2.83	3.24
8.0	1.02	1.15	1.08	3.15
16.0	0.51	0.54	0.53	3.01
32.0	0.30	0.33	0.32	2.60
64.0	0.12	0.13	0.12	2.80
128.0	0.03	0.03	0.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.62

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

2 66.62 3.93 65.29 20.47 6.672 2.826 1.0848 0.5289 0.3193 0.1245 0.0279

US281-1 SAN ANTONIO OCT'85 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,B

1125 FT. SECTION BEGINS 2375 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.18 IN. AT 510.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	82.45	55.58	69.01	2.85
1.0	26.88	18.61	22.74	3.04
2.0	8.67	7.06	7.86	3.18
4.0	3.81	3.24	3.52	2.73
8.0	1.57	1.47	1.52	2.56
16.0	0.87	0.72	0.79	2.30
32.0	0.50	0.45	0.47	1.87
64.0	0.21	0.20	0.21	1.95
128.0	0.04	0.04	0.04	2.95

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 96.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.75

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.62

2 96.79 3.62 69.01 22.74 7.864 3.524 1.5207 0.7943 0.4726 0.2080 0.0368

US281-2 SAN ANTONIO OCT'85 CTRL NORTHBOUND,OUTSIDE LANE,BOTH PATHS,A

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 7.84 IN. AT 597.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	307.72	1072.24	689.98	0.24
1.0	88.57	277.60	183.08	0.12
2.0	23.55	67.81	45.68	0.10
4.0	6.94	17.97	12.46	0.31
8.0	2.05	4.50	3.28	1.11
16.0	0.85	1.27	1.06	1.76
32.0	0.41	0.49	0.45	1.94
64.0	0.20	0.22	0.21	1.95
128.0	0.05	0.06	0.05	2.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 305.03

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.62

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 1.79 ***

*** THE PSI HAS BEEN CALCULATED USING RMSVA VALUES OUTSIDE THE INFERENCE SPACE USED IN THE PSI MODEL

2 305.03 1.79 689.98 183.08 45.680 12.456 3.2776 1.0638 0.4545 0.2083 0.0520

US281-2 SAN ANTONIO OCT'85 CTRL NORTHBOUND,OUTSIDE LANE,BOTH PATHS,B

1125 FT. SECTION BEGINS 1125 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 5.99 IN. AT 171.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	187.51	1024.52	606.01	0.33
1.0	63.17	264.52	163.85	0.17
2.0	14.58	66.30	40.44	0.15
4.0	4.93	16.61	10.77	0.46
8.0	1.94	4.45	3.19	1.16
16.0	1.18	1.46	1.32	1.36
32.0	0.61	0.64	0.62	1.36
64.0	0.23	0.25	0.24	1.70
128.0	0.06	0.07	0.07	2.11

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 283.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 0.73

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 1.75 ***

*** THE PSI HAS BEEN CALCULATED USING RMSVA VALUES OUTSIDE THE
INFERENCE SPACE USED IN THE PSI MODEL

2 283.10 1.75 606.01 163.85 40.440 10.766 3.1923 1.3198 0.6227 0.2390 0.0653

US281-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,A

1125 FT. SECTION BEGINS 1250 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.16 IN. AT 837.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.65	59.28	66.46	2.88
1.0	25.04	20.78	22.91	3.03
2.0	8.00	8.00	8.00	3.14
4.0	3.10	3.70	3.40	2.81
8.0	1.08	1.54	1.31	2.83
16.0	0.51	0.58	0.54	2.97
32.0	0.29	0.32	0.31	2.67
64.0	0.13	0.14	0.14	2.68
128.0	0.03	0.03	0.03	3.14

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 79.78

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.11

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.75

2 79.78 3.75 66.46 22.91 8.001 3.401 1.3096 0.5421 0.3064 0.1352 0.0316

US281-3 SAN ANTONIO OCT'85 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,B

1125 FT. SECTION BEGINS 2375 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 289.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	77.17	53.30	65.24	2.89
1.0	24.18	19.36	21.77	3.10
2.0	7.62	7.83	7.72	3.22
4.0	3.09	3.52	3.31	2.88
8.0	1.17	1.47	1.32	2.82
16.0	0.61	0.59	0.60	2.80
32.0	0.39	0.37	0.38	2.28
64.0	0.19	0.18	0.19	2.14
128.0	0.03	0.03	0.03	3.21

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 80.95

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.08

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.81

2 80.95 3.81 65.24 21.77 7.723 3.306 1.3158 0.5984 0.3796 0.1869 0.0297

US281-4 SAN ANTONIO OCT'85 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, A

1125 FT. SECTION BEGINS 1250 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 87.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	78.29	60.96	69.63	2.84
1.0	26.92	22.45	24.69	2.92
2.0	8.51	8.94	8.73	2.93
4.0	3.09	3.88	3.48	2.76
8.0	1.20	1.74	1.47	2.63
16.0	0.66	0.83	0.74	2.42
32.0	0.37	0.44	0.40	2.16
64.0	0.17	0.20	0.19	2.15
128.0	0.03	0.04	0.04	3.01

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 93.03

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.83

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

2 93.03 3.66 69.63 24.69 8.728 3.483 1.4691 0.7438 0.4046 0.1852 0.0351

US281-4 SAN ANTONIO OCT'85 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B

1125 FT. SECTION BEGINS 2375 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 767.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.61	52.65	63.63	2.91
1.0	25.95	18.62	22.28	3.07
2.0	7.98	7.29	7.64	3.25
4.0	3.12	3.28	3.20	2.96
8.0	1.19	1.54	1.37	2.76
16.0	0.60	0.69	0.65	2.68
32.0	0.33	0.36	0.35	2.45
64.0	0.15	0.13	0.14	2.65
128.0	0.02	0.02	0.02	3.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.33

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.95

2 81.33 3.95 63.63 22.28 7.637 3.200 1.3669 0.6453 0.3470 0.1378 0.0243

APPENDIX 2

PROJECT 187-1

TEXAS TRANSPORTATION INSTITUTE

SERVICEABILITY INDEX VALUES

MOISTURE BARRIER SITES

FEBRUARY 1986

District 15 - IH-10
- IH-37
- General Mc Mullen

IH-10-1 SAN ANTONIO FEB'86 EAST-CTRL WESTBOUND,OUTSIDE LANE,BOTH PATHS,1A

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.47 IN. AT 883.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	57.44	72.39	64.91	2.90
1.0	16.75	19.83	18.29	3.33
2.0	4.34	5.28	4.81	4.20
4.0	1.50	1.71	1.60	4.31
8.0	0.64	0.64	0.64	3.86
16.0	0.44	0.42	0.43	3.31
32.0	0.30	0.29	0.30	2.71
64.0	0.14	0.13	0.13	2.70
128.0	0.03	0.02	0.02	3.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

11 34.65 4.19 64.91 18.29 4.810 1.601 0.6429 0.4320 0.2994 0.1333 0.0242

IH-10-1 SAN ANTONIO FEB'86 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,1B

788 FT. SECTION BEGINS 1072 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 753.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	61.02	58.38	59.70	2.96
1.0	18.02	17.43	17.72	3.37
2.0	4.68	4.78	4.73	4.23
4.0	1.66	1.68	1.67	4.25
8.0	0.73	0.73	0.73	3.71
16.0	0.47	0.47	0.47	3.17
32.0	0.30	0.30	0.30	2.69
64.0	0.16	0.16	0.16	2.41
128.0	0.03	0.03	0.03	3.03

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 38.47

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.13

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.94

11 38.47 3.94 59.70 17.72 4.730 1.667 0.7311 0.4740 0.3026 0.1597 0.0346

IH-10-1 SAN ANTONIO FEB'86 TEST WESTBOUND, OUTSIDE LANE, BOTH PATHS, 1C

788 FT. SECTION BEGINS 1860 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0

GAINL: 1000.0

STEP: 0.12 IN. AT 285.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	55.19	60.16	57.68	2.98
1.0	16.32	18.03	17.18	3.41
2.0	4.47	5.37	4.92	4.16
4.0	1.56	1.96	1.76	4.17
8.0	0.62	0.74	0.68	3.79
16.0	0.39	0.40	0.40	3.43
32.0	0.28	0.27	0.27	2.87
64.0	0.14	0.13	0.14	2.65
128.0	0.02	0.02	0.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.02

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.20

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

11 36.02 4.30 57.68 17.18 4.922 1.759 0.6817 0.3963 0.2720 0.1375 0.0186

IH-10-1 SAN ANTONIO FEB'86 MID-CTRL WESTBOUND, OUTSIDE LANE, BOTH PATHS, 1D

352 FT. SECTION BEGINS 2648 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0

GAINL: 1000.0

STEP: 0.08 IN. AT 48.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	55.77	57.12	56.45	3.00
1.0	15.73	16.18	15.95	3.50
2.0	3.93	4.65	4.29	4.39
4.0	1.27	1.61	1.44	4.47
8.0	0.41	0.44	0.42	4.25
16.0	0.22	0.21	0.21	4.08
32.0	0.12	0.12	0.12	3.95
64.0	0.05	0.05	0.05	3.78
128.0	0.01	0.01	0.01	3.98

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 18.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.53

11 18.58 4.53 56.45 15.95 4.288 1.436 0.4221 0.2124 0.1187 0.0542 0.0108

IH-10-1 SAN ANTONIO FEB'86 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,1E

1056 FT. SECTION BEGINS 3000 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.20 IN. AT 60.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.10	62.81	57.96	2.98
1.0	15.94	18.21	17.08	3.42
2.0	4.23	4.98	4.61	4.28
4.0	1.39	1.74	1.56	4.35
8.0	0.54	0.60	0.57	3.99
16.0	0.33	0.32	0.32	3.67
32.0	0.22	0.21	0.22	3.24
64.0	0.10	0.10	0.10	3.09
128.0	0.02	0.02	0.02	3.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

11 27.69 4.26 57.96 17.08 4.606 1.562 0.5665 0.3246 0.2157 0.1015 0.0217

IH-10-1 SAN ANTONIO FEB'86 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,1F

1056 FT. SECTION BEGINS 4056 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.18 IN. AT 797.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	51.45	58.80	55.12	3.02
1.0	14.79	17.21	16.00	3.49
2.0	4.07	5.02	4.54	4.30
4.0	1.34	1.83	1.58	4.33
8.0	0.54	0.66	0.60	3.94
16.0	0.32	0.31	0.31	3.72
32.0	0.22	0.21	0.21	3.26
64.0	0.10	0.09	0.10	3.16
128.0	0.02	0.02	0.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.38

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.43

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.35

11 27.38 4.35 55.12 16.00 4.545 1.583 0.5981 0.3110 0.2113 0.0962 0.0175

IH-10-1 SAN ANTONIO FEB'86 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,1G

1056 FT. SECTION BEGINS 5112 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 648.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	54.18	56.14	55.16	3.02
1.0	16.19	16.71	16.45	3.46
2.0	4.38	4.84	4.61	4.28
4.0	1.59	1.73	1.66	4.26
8.0	0.71	0.69	0.70	3.76
16.0	0.46	0.46	0.46	3.22
32.0	0.30	0.31	0.30	2.69
64.0	0.14	0.14	0.14	2.65
128.0	0.04	0.03	0.04	3.01

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

11 37.40 3.93 55.16 16.45 4.610 1.660 0.6992 0.4579 0.3022 0.1376 0.0352

IH-10-1 SAN ANTONIO FEB'86 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,1H

1056 FT. SECTION BEGINS 6168 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 912.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	51.80	54.35	53.08	3.04
1.0	14.79	15.82	15.31	3.54
2.0	4.15	4.49	4.32	4.38
4.0	1.57	1.67	1.62	4.30
8.0	0.73	0.72	0.72	3.72
16.0	0.45	0.45	0.45	3.25
32.0	0.28	0.28	0.28	2.80
64.0	0.11	0.11	0.11	2.96
128.0	0.02	0.02	0.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.09

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.20

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.28

11 36.09 4.28 53.08 15.31 4.322 1.619 0.7228 0.4505 0.2835 0.1121 0.0203

IH-10-1 SAN ANTONIO FEB'86 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,1I

1056 FT. SECTION BEGINS 7224 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 767.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED*SI
0.5	49.68	57.90	53.79	3.03
1.0	14.88	17.05	15.97	3.50
2.0	4.14	4.83	4.49	4.32
4.0	1.50	1.70	1.60	4.32
8.0	0.67	0.68	0.67	3.81
16.0	0.43	0.40	0.42	3.36
32.0	0.28	0.26	0.27	2.88
64.0	0.12	0.11	0.11	2.96
128.0	0.03	0.03	0.03	3.36

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

11 33.79 4.15 53.79 15.97 4.487 1.600 0.6736 0.4172 0.2706 0.1115 0.0259

IH-10-1 SAN ANTONIO FEB'86 TEST WESTBOUND,OUTSIDE LANE,BOTH PATHS,1J

820 FT. SECTION BEGINS 8280 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.27 IN. AT 730.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	54.95	62.35	58.65	2.97
1.0	15.99	17.95	16.97	3.43
2.0	4.35	5.18	4.77	4.22
4.0	1.52	1.82	1.67	4.25
8.0	0.52	0.64	0.58	3.97
16.0	0.28	0.28	0.28	3.83
32.0	0.19	0.18	0.18	3.48
64.0	0.11	0.09	0.10	3.09
128.0	0.03	0.02	0.02	3.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.43

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

11 27.51 4.20 58.65 16.97 4.766 1.671 0.5804 0.2798 0.1813 0.1015 0.0233

IH-10-1 SAN ANTONIO FEB'86 WEST-CTRL WESTBOUND,OUTSIDE LANE,BOTH PATHS,1K

512 FT. SECTION BEGINS 9100 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.94 IN. AT 512.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	136.94	69.86	103.40	2.48
1.0	35.97	20.31	28.14	2.71
2.0	8.49	7.36	7.93	3.16
4.0	2.18	1.81	2.00	3.95
8.0	0.58	0.54	0.56	4.01
16.0	0.28	0.28	0.28	3.83
32.0	0.18	0.19	0.19	3.43
64.0	0.07	0.07	0.07	3.51
128.0	0.03	0.02	0.02	3.39

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

11 34.51 4.10 103.40 28.14 7.925 1.995 0.5578 0.2799 0.1872 0.0716 0.0250

IH-10-2 SAN ANTONIO FEB'86 WEST-CTRL EASTBOUND,OUTSIDE LANE,BOTH PATHS,2A

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 11.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	61.72	62.00	61.86	2.93
1.0	18.02	18.73	18.37	3.33
2.0	4.80	5.79	5.29	4.03
4.0	1.59	1.99	1.79	4.13
8.0	0.76	0.88	0.82	3.57
16.0	0.55	0.57	0.56	2.91
32.0	0.37	0.35	0.36	2.38
64.0	0.17	0.16	0.17	2.34
128.0	0.02	0.03	0.02	3.40

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 46.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.92

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

11 46.25 4.15 61.86 18.37 5.292 1.795 0.8174 0.5624 0.3597 0.1663 0.0249

IH-10-2 SAN ANTONIO FEB'86 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,2B

1056 FT. SECTION BEGINS 756 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 604.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	56.53	55.92	56.22	3.00
1.0	16.12	16.75	16.43	3.46
2.0	4.20	4.93	4.56	4.29
4.0	1.45	1.64	1.54	4.37
8.0	0.61	0.66	0.63	3.88
16.0	0.42	0.41	0.42	3.36
32.0	0.30	0.28	0.29	2.77
64.0	0.16	0.14	0.15	2.53
128.0	0.02	0.02	0.02	3.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

11 32.44 4.27 56.22 16.43 4.562 1.544 0.6314 0.4150 0.2883 0.1477 0.0213

IH-10-2 SAN ANTONIO FEB'86 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,2C

1056 FT. SECTION BEGINS 1812 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 296.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	56.37	55.45	55.91	3.01
1.0	16.08	15.96	16.02	3.49
2.0	4.17	4.59	4.38	4.36
4.0	1.44	1.57	1.51	4.40
8.0	0.62	0.62	0.62	3.90
16.0	0.40	0.38	0.39	3.44
32.0	0.25	0.23	0.24	3.07
64.0	0.10	0.09	0.10	3.18
128.0	0.02	0.02	0.02	3.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.30

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.35

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

11 30.30 4.23 55.91 16.02 4.376 1.506 0.6211 0.3917 0.2401 0.0953 0.0231

IH-10-2 SAN ANTONIO FEB'86 TEST EASTBOUND, OUTSIDE LANE, BOTH PATHS, 2D

1056 FT. SECTION BEGINS 2868 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 598.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	54.55	56.28	55.41	3.01
1.0	15.89	17.02	16.46	3.46
2.0	4.15	5.34	4.75	4.23
4.0	1.53	1.93	1.73	4.20
8.0	0.65	0.72	0.68	3.79
16.0	0.34	0.35	0.34	3.61
32.0	0.21	0.20	0.21	3.31
64.0	0.11	0.09	0.10	3.10
128.0	0.02	0.02	0.02	3.57

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

11 32.22 4.26 55.41 16.46 4.747 1.725 0.6817 0.3421 0.2053 0.1014 0.0205

IH-10-2 SAN ANTONIO FEB'86 TEST EASTBOUND, OUTSIDE LANE, BOTH PATHS, 2E

1056 FT. SECTION BEGINS 3924 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 1041.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	49.47	55.27	52.37	3.05
1.0	14.71	16.51	15.61	3.52
2.0	3.99	4.76	4.37	4.36
4.0	1.47	1.74	1.60	4.31
8.0	0.65	0.74	0.70	3.77
16.0	0.41	0.44	0.43	3.33
32.0	0.26	0.27	0.26	2.92
64.0	0.12	0.12	0.12	2.83
128.0	0.02	0.02	0.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.36

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

11 34.36 4.20 52.37 15.61 4.373 1.604 0.6978 0.4259 0.2642 0.1222 0.0238

IH-10-2 SAN ANTONIO FEB'86 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,2F

1056 FT. SECTION BEGINS 4980 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 408.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	47.27	56.94	52.10	3.05
1.0	14.31	17.04	15.67	3.52
2.0	4.08	4.83	4.46	4.33
4.0	1.41	1.67	1.54	4.37
8.0	0.57	0.62	0.60	3.94
16.0	0.30	0.30	0.30	3.75
32.0	0.18	0.17	0.18	3.50
64.0	0.09	0.09	0.09	3.26
128.0	0.02	0.02	0.02	3.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

11 26.04 4.22 52.10 15.67 4.457 1.545 0.5990 0.3019 0.1781 0.0889 0.0233

IH-10-2 SAN ANTONIO FEB'86 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,2G

820 FT. SECTION BEGINS 6036 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.28 IN. AT 763.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	61.08	60.63	60.85	2.95
1.0	17.30	17.52	17.41	3.39
2.0	4.35	4.82	4.59	4.29
4.0	1.46	1.66	1.56	4.35
8.0	0.61	0.66	0.64	3.87
16.0	0.37	0.42	0.39	3.43
32.0	0.23	0.26	0.24	3.05
64.0	0.08	0.09	0.09	3.29
128.0	0.01	0.01	0.01	3.88

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.59

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.32

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

11 31.59 4.45 60.85 17.41 4.586 1.560 0.6353 0.3939 0.2442 0.0874 0.0132

IH-10-2 SAN ANTONIO FEB'86 MID-CTRL EASTBOUND,OUTSIDE LANE,BOTH PATHS,2H

421 FT. SECTION BEGINS 6856 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 179.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	67.08	51.45	59.26	2.97
1.0	19.36	15.65	17.50	3.39
2.0	5.00	4.67	4.84	4.19
4.0	1.89	1.66	1.77	4.15
8.0	0.68	0.61	0.64	3.86
16.0	0.33	0.27	0.30	3.77
32.0	0.15	0.13	0.14	3.79
64.0	0.06	0.05	0.05	3.80
128.0	0.02	0.01	0.01	3.87

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.42

11 30.77 4.42 59.26 17.50 4.836 1.774 0.6414 0.2981 0.1396 0.0526 0.0133

IH-10-2 SAN ANTONIO FEB'86 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,2I

819 FT. SECTION BEGINS 7277 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.07 IN. AT 508.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.88	48.88	55.88	3.01
1.0	18.09	15.11	16.60	3.45
2.0	4.57	4.58	4.57	4.29
4.0	1.55	1.53	1.54	4.38
8.0	0.54	0.54	0.54	4.04
16.0	0.30	0.30	0.30	3.77
32.0	0.17	0.16	0.17	3.59
64.0	0.09	0.07	0.08	3.40
128.0	0.02	0.02	0.02	3.75

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.59

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

11 25.59 4.39 55.88 16.60 4.575 1.536 0.5380 0.2975 0.1656 0.0795 0.0161

IH-10-2 SAN ANTONIO FEB'86 TEST EASTBOUND,OUTSIDE LANE,BOTH PATHS,2J

819 FT. SECTION BEGINS 8096 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 537.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.42	57.67	55.54	3.01
1.0	15.73	17.27	16.50	3.46
2.0	4.35	5.22	4.78	4.21
4.0	1.57	1.82	1.69	4.23
8.0	0.68	0.73	0.70	3.76
16.0	0.45	0.44	0.45	3.26
32.0	0.33	0.30	0.31	2.64
64.0	0.18	0.17	0.18	2.24
128.0	0.05	0.05	0.05	2.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.60

11 37.40 3.60 55.54 16.50 4.784 1.694 0.7030 0.4453 0.3123 0.1764 0.0494

IH-10-2 SAN ANTONIO FEB'86 EAST-CTRL EASTBOUND,OUTSIDE LANE,BOTH PATHS,2K

1056 FT. SECTION BEGINS 8915 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.17 IN. AT 849.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	47.78	58.01	52.90	3.04
1.0	14.46	16.74	15.60	3.52
2.0	4.01	4.87	4.44	4.34
4.0	1.36	1.69	1.53	4.39
8.0	0.55	0.64	0.60	3.94
16.0	0.33	0.35	0.34	3.63
32.0	0.23	0.23	0.23	3.14
64.0	0.12	0.11	0.11	2.92
128.0	0.03	0.03	0.03	3.29

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.43

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.12

11 27.60 4.12 52.90 15.60 4.440 1.526 0.5954 0.3368 0.2293 0.1149 0.0277

IH-10-3 SAN ANTONIO FEB'86 EAST-CTRL WESTBOUND,CENTER LANE,BOTH PATHS,3A

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 666.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.56	57.97	58.77	2.97
1.0	17.18	16.77	16.98	3.43
2.0	4.50	4.78	4.64	4.26
4.0	1.47	1.63	1.55	4.36
8.0	0.58	0.63	0.60	3.93
16.0	0.38	0.38	0.38	3.47
32.0	0.26	0.25	0.26	2.97
64.0	0.11	0.11	0.11	2.99
128.0	0.02	0.02	0.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

11 30.69 4.21 58.77 16.98 4.641 1.550 0.6028 0.3819 0.2564 0.1097 0.0238

IH-10-3 SAN ANTONIO FEB'86 TEST WESTBOUND,CENTER LANE,BOTH PATHS,3B

788 FT. SECTION BEGINS 1072 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.26 IN. AT 118.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	63.61	66.32	64.97	2.90
1.0	17.86	18.96	18.41	3.33
2.0	4.59	5.34	4.97	4.15
4.0	1.63	1.80	1.72	4.21
8.0	0.72	0.77	0.75	3.69
16.0	0.47	0.47	0.47	3.19
32.0	0.28	0.26	0.27	2.89
64.0	0.15	0.13	0.14	2.62
128.0	0.04	0.04	0.04	2.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 39.19

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.11

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.79

11 39.19 3.79 64.97 18.41 4.969 1.716 0.7452 0.4680 0.2695 0.1404 0.0406

IH-10-3 SAN ANTONIO FEB'86 TEST WESTBOUND,CENTER LANE,BOTH PATHS,3C

788 FT. SECTION BEGINS 1860 FT. FROM MARK 0 IN FILE , 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 690.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.58	60.29	59.43	2.96
1.0	16.63	17.38	17.01	3.42
2.0	4.37	4.76	4.57	4.29
4.0	1.44	1.58	1.51	4.40
8.0	0.54	0.57	0.56	4.01
16.0	0.31	0.31	0.31	3.74
32.0	0.21	0.20	0.21	3.29
64.0	0.10	0.09	0.10	3.15
128.0	0.02	0.01	0.01	3.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

11 25.58 4.45 59.43 17.01 4.565 1.512 0.5564 0.3063 0.2074 0.0973 0.0137

IH-10-3 SAN ANTONIO FEB'86 MID-CTRL WESTBOUND,CENTER LANE,BOTH PATHS,3D

352 FT. SECTION BEGINS 2648 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.05 IN. AT 99.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.64	57.43	58.54	2.97
1.0	16.40	16.65	16.52	3.46
2.0	4.15	4.40	4.27	4.40
4.0	1.36	1.56	1.46	4.44
8.0	0.46	0.56	0.51	4.10
16.0	0.23	0.26	0.24	3.97
32.0	0.12	0.12	0.12	3.93
64.0	0.06	0.06	0.06	3.63
128.0	0.01	0.01	0.01	3.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

11 20.87 4.45 58.54 16.52 4.275 1.462 0.5092 0.2426 0.1207 0.0636 0.0139

IH-10-3 SAN ANTONIO FEB'86 TEST WESTBOUND,CENTER LANE,BOTH PATHS,3E

1056 FT. SECTION BEGINS 3000 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 60.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	56.75	60.22	58.49	2.97
1.0	16.38	17.71	17.05	3.42
2.0	4.19	5.22	4.70	4.24
4.0	1.47	1.92	1.69	4.23
8.0	0.55	0.73	0.64	3.86
16.0	0.29	0.32	0.31	3.73
32.0	0.19	0.18	0.18	3.47
64.0	0.10	0.09	0.09	3.21
128.0	0.02	0.02	0.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.50

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.37

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

11 29.50 4.31 58.49 17.05 4.704 1.692 0.6409 0.3069 0.1820 0.0929 0.0186

IH-10-3 SAN ANTONIO FEB'86 TEST WESTBOUND,CENTER LANE,BOTH PATHS,3F

1056 FT. SECTION BEGINS 4056 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.07 IN. AT 315.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.56	58.30	55.93	3.01
1.0	15.32	17.05	16.18	3.48
2.0	3.80	4.61	4.21	4.42
4.0	1.36	1.56	1.46	4.45
8.0	0.53	0.53	0.53	4.05
16.0	0.24	0.22	0.23	4.00
32.0	0.14	0.12	0.13	3.86
64.0	0.07	0.06	0.07	3.56
128.0	0.01	0.01	0.01	3.96

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20.30

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.62

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.51

11 20.30 4.51 55.93 16.18 4.205 1.459 0.5335 0.2337 0.1297 0.0682 0.0112

IH-10-3 SAN ANTONIO FEB'86 TEST WESTBOUND,CENTER LANE,BOTH PATHS,3G

1056 FT. SECTION BEGINS 5112 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 588.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	48.98	55.83	52.40	3.05
1.0	14.36	16.47	15.42	3.54
2.0	3.98	4.54	4.26	4.40
4.0	1.47	1.76	1.62	4.30
8.0	0.69	0.78	0.73	3.71
16.0	0.47	0.48	0.47	3.18
32.0	0.31	0.30	0.31	2.65
64.0	0.14	0.13	0.14	2.66
128.0	0.04	0.03	0.03	3.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.97

11 37.25 3.97 52.40 15.42 4.261 1.616 0.7321 0.4718 0.3092 0.1362 0.0337

IH-10-3 SAN ANTONIO FEB'86 TEST WESTBOUND,CENTER LANE,BOTH PATHS,3H

1056 FT. SECTION BEGINS 6168 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 275.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	48.22	57.61	52.92	3.04
1.0	14.50	16.91	15.70	3.52
2.0	3.84	4.57	4.20	4.42
4.0	1.41	1.75	1.58	4.34
8.0	0.64	0.75	0.69	3.78
16.0	0.39	0.39	0.39	3.45
32.0	0.24	0.21	0.22	3.20
64.0	0.09	0.08	0.09	3.26
128.0	0.02	0.02	0.02	3.62

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.31

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

11 31.79 4.31 52.92 15.70 4.205 1.579 0.6922 0.3902 0.2212 0.0893 0.0192

IH-10-3 SAN ANTONIO FEB'86 TEST WESTBOUND,CENTER LANE,BOTH PATHS,3I

1056 FT. SECTION BEGINS 7224 FT. FROM MARK O IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 593.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	44.41	57.30	50.86	3.07
1.0	12.73	16.37	14.55	3.60
2.0	3.43	4.45	3.94	4.52
4.0	1.28	1.54	1.41	4.49
8.0	0.57	0.60	0.58	3.96
16.0	0.35	0.36	0.35	3.57
32.0	0.22	0.22	0.22	3.20
64.0	0.09	0.08	0.09	3.28
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.07

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

11 26.07 4.29 50.86 14.55 3.937 1.410 0.5844 0.3537 0.2213 0.0882 0.0214

IH-10-3 SAN ANTONIO FEB'86 TEST WESTBOUND,CENTER LANE,BOTH PATHS,3J

820 FT. SECTION BEGINS 8280 FT. FROM MARK O IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 625.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	54.77	53.77	54.27	3.03
1.0	15.21	15.01	15.11	3.56
2.0	3.84	4.28	4.06	4.48
4.0	1.27	1.50	1.39	4.51
8.0	0.43	0.46	0.44	4.21
16.0	0.23	0.21	0.22	4.04
32.0	0.15	0.13	0.14	3.77
64.0	0.08	0.08	0.08	3.40
128.0	0.02	0.02	0.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 18.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.68

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

11 18.14 4.39 54.27 15.11 4.058 1.388 0.4440 0.2226 0.1412 0.0796 0.0171

IH-10-3 SAN ANTONIO FEB'86 WEST-CTRL WESTBOUND,CENTER LANE,BOTH PATHS,3K

518 FT. SECTION BEGINS 9100 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.98 IN. AT 515.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	161.53	65.31	113.42	2.38
1.0	30.86	17.14	24.00	2.96
2.0	8.48	5.02	6.75	3.53
4.0	1.85	1.53	1.69	4.23
8.0	0.66	0.51	0.58	3.97
16.0	0.36	0.29	0.32	3.67
32.0	0.19	0.18	0.18	3.45
64.0	0.07	0.07	0.07	3.55
128.0	0.02	0.02	0.02	3.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.39

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.35

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

11 30.39 4.22 113.42 24.00 6.749 1.689 0.5814 0.3237 0.1849 0.0690 0.0217

IH-10-4 SAN ANTONIO FEB'86 WEST-CTRL EASTBOUND,CENTER LANE,BOTH PATHS,4A

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 1.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	64.59	63.97	64.28	2.91
1.0	18.83	18.72	18.78	3.30
2.0	5.16	5.69	5.42	3.98
4.0	1.78	1.94	1.86	4.08
8.0	0.69	0.77	0.73	3.71
16.0	0.44	0.45	0.45	3.27
32.0	0.29	0.28	0.29	2.79
64.0	0.15	0.14	0.14	2.60
128.0	0.03	0.03	0.03	3.23

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 40.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.06

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.04

11 40.96 4.04 64.28 18.78 5.420 1.859 0.7285 0.4451 0.2854 0.1422 0.0292

IH-10-4 SAN ANTONIO FEB'86 TEST EASTBOUND,CENTER LANE,BOTH PATHS,4B

1056 FT. SECTION BEGINS 756 FT. FROM MARK O IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 951.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.89	57.25	58.07	2.98
1.0	16.63	16.78	16.71	3.44
2.0	4.34	4.80	4.57	4.29
4.0	1.60	1.64	1.62	4.29
8.0	0.67	0.65	0.66	3.84
16.0	0.37	0.36	0.36	3.54
32.0	0.23	0.22	0.22	3.20
64.0	0.11	0.10	0.11	3.02
128.0	0.02	0.02	0.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.12

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

11 31.12 4.33 58.07 16.71 4.570 1.623 0.6561 0.3616 0.2203 0.1075 0.0183

IH-10-4 SAN ANTONIO FEB'86 TEST EASTBOUND,CENTER LANE,BOTH PATHS,4C

1056 FT. SECTION BEGINS 1812 FT. FROM MARK O IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 508.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.72	55.25	54.49	3.02
1.0	15.42	16.22	15.82	3.51
2.0	4.02	4.67	4.34	4.37
4.0	1.42	1.66	1.54	4.37
8.0	0.56	0.66	0.61	3.91
16.0	0.34	0.36	0.35	3.58
32.0	0.20	0.21	0.20	3.31
64.0	0.09	0.08	0.08	3.33
128.0	0.02	0.02	0.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 28.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.39

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

11 28.75 4.29 54.49 15.82 4.344 1.544 0.6131 0.3501 0.2043 0.0845 0.0204

IH-10-4 SAN ANTONIO FEB'86 TEST EASTBOUND,CENTER LANE,BOTH PATHS,4D

1056 FT. SECTION BEGINS 2868 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 425.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	54.81	53.57	54.19	3.03
1.0	15.80	16.07	15.94	3.50
2.0	4.19	4.65	4.42	4.34
4.0	1.51	1.74	1.62	4.29
8.0	0.58	0.65	0.62	3.91
16.0	0.33	0.34	0.34	3.63
32.0	0.19	0.19	0.19	3.43
64.0	0.08	0.07	0.08	3.43
128.0	0.02	0.02	0.02	3.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.37

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

11 29.77 4.36 54.19 15.94 4.421 1.625 0.6156 0.3371 0.1880 0.0774 0.0166

IH-10-4 SAN ANTONIO FEB'86 TEST EASTBOUND,CENTER LANE,BOTH PATHS,4E

1056 FT. SECTION BEGINS 3924 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.41 IN. AT 268.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	51.96	70.26	61.11	2.94
1.0	15.44	18.25	16.85	3.43
2.0	4.14	5.08	4.61	4.28
4.0	1.45	1.71	1.58	4.34
8.0	0.60	0.66	0.63	3.89
16.0	0.36	0.38	0.37	3.51
32.0	0.26	0.26	0.26	2.93
64.0	0.12	0.11	0.11	2.92
128.0	0.02	0.02	0.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

11 30.70 4.23 61.11 16.85 4.610 1.576 0.6278 0.3720 0.2621 0.1148 0.0229

IH-10-4 SAN ANTONIO FEB'86 TEST EASTBOUND,CENTER LANE,BOTH PATHS,4F

1056 FT. SECTION BEGINS 4980 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 179.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	48.15	55.99	52.07	3.05
1.0	14.06	16.39	15.23	3.55
2.0	4.14	4.68	4.41	4.35
4.0	1.37	1.60	1.49	4.42
8.0	0.50	0.51	0.50	4.11
16.0	0.22	0.22	0.22	4.06
32.0	0.14	0.13	0.13	3.83
64.0	0.08	0.07	0.07	3.52
128.0	0.02	0.02	0.02	3.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.63

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

11 20.06 4.39 52.07 15.23 4.410 1.488 0.5013 0.2184 0.1337 0.0712 0.0165

IH-10-4 SAN ANTONIO FEB'86 TEST EASTBOUND,CENTER LANE,BOTH PATHS,4G

820 FT. SECTION BEGINS 6036 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.23 IN. AT 764.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.10	56.54	59.32	2.96
1.0	17.83	16.45	17.14	3.41
2.0	4.78	4.57	4.68	4.25
4.0	1.65	1.57	1.61	4.31
8.0	0.61	0.64	0.62	3.90
16.0	0.37	0.40	0.38	3.47
32.0	0.24	0.24	0.24	3.06
64.0	0.09	0.09	0.09	3.20
128.0	0.01	0.02	0.02	3.79

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

11 32.10 4.40 59.32 17.14 4.676 1.610 0.6225 0.3837 0.2416 0.0934 0.0152

IH-10-4 SAN ANTONIO FEB'86 MID-CTRL EASTBOUND,CENTER LANE,BOTH PATHS,4H

421 FT. SECTION BEGINS 6856 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.31 IN. AT 237.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.06	54.23	65.15	2.90
1.0	22.52	16.41	19.47	3.25
2.0	5.57	4.46	5.02	4.13
4.0	1.76	1.57	1.66	4.26
8.0	0.60	0.54	0.57	3.99
16.0	0.23	0.23	0.23	4.01
32.0	0.10	0.11	0.10	4.07
64.0	0.03	0.03	0.03	4.12
128.0	0.01	0.01	0.01	4.21

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.52

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.61

11 24.52 4.61 65.15 19.47 5.015 1.663 0.5694 0.2304 0.1038 0.0324 0.0056

IH-10-4 SAN ANTONIO FEB'86 TEST EASTBOUND,CENTER LANE,BOTH PATHS,4I

819 FT. SECTION BEGINS 7277 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.16 IN. AT 33.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	66.88	55.27	61.07	2.94
1.0	18.66	15.64	17.15	3.41
2.0	4.71	4.35	4.53	4.31
4.0	1.55	1.43	1.49	4.42
8.0	0.53	0.52	0.52	4.07
16.0	0.27	0.26	0.27	3.87
32.0	0.14	0.14	0.14	3.75
64.0	0.07	0.07	0.07	3.57
128.0	0.01	0.01	0.01	3.96

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 23.03

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.55

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.51

11 23.03 4.51 61.07 17.15 4.531 1.491 0.5242 0.2695 0.1439 0.0678 0.0112

IH-10-4 SAN ANTONIO FEB'86 TEST EASTBOUND,CENTER LANE,BOTH PATHS,4J

819 FT. SECTION BEGINS 8096 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 744.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	66.15	57.69	61.92	2.93
1.0	18.50	16.22	17.36	3.40
2.0	4.66	4.66	4.66	4.26
4.0	1.67	1.69	1.68	4.24
8.0	0.72	0.79	0.75	3.67
16.0	0.45	0.49	0.47	3.17
32.0	0.28	0.28	0.28	2.84
64.0	0.16	0.15	0.16	2.45
128.0	0.04	0.04	0.04	2.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 38.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.12

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.74

11 38.70 3.74 61.92 17.36 4.664 1.679 0.7546 0.4736 0.2777 0.1551 0.0432

IH-10-4 SAN ANTONIO FEB'86 EAST-CTRL EASTBOUND,CENTER LANE,BOTH PATHS,4K

310 FT. SECTION BEGINS 8915 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.07 IN. AT 197.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	51.29	56.31	53.80	3.03
1.0	15.28	16.38	15.83	3.51
2.0	4.08	4.73	4.40	4.35
4.0	1.31	1.69	1.50	4.41
8.0	0.53	0.70	0.62	3.91
16.0	0.35	0.44	0.40	3.42
32.0	0.20	0.23	0.21	3.26
64.0	0.08	0.09	0.08	3.33
128.0	0.02	0.02	0.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.41

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.35

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.32

.11 30.41 4.32 53.80 15.83 4.404 1.498 0.6163 0.3966 0.2126 0.0844 0.0195

IH-10-5 SAN ANTONIO FEB'86 EAST-CTRL WESTBOUND,INSIDE LANE,BOTH PATHS,5A

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 434.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	60.22	58.60	59.41	2.96
1.0	17.77	17.99	17.88	3.36
2.0	5.12	5.34	5.23	4.05
4.0	1.68	1.67	1.67	4.25
8.0	0.59	0.63	0.61	3.91
16.0	0.32	0.36	0.34	3.62
32.0	0.22	0.23	0.23	3.17
64.0	0.11	0.11	0.11	3.02
128.0	0.03	0.03	0.03	3.33

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.12

11 30.99 4.12 59.41 17.88 5.234 1.674 0.6139 0.3400 0.2260 0.1073 0.0265

IH-10-5 SAN ANTONIO FEB'86 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,5B

788 FT. SECTION BEGINS 1072 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 465.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.63	60.06	56.84	2.99
1.0	16.01	17.34	16.68	3.45
2.0	4.31	4.81	4.56	4.29
4.0	1.49	1.66	1.58	4.34
8.0	0.65	0.72	0.69	3.79
16.0	0.46	0.49	0.48	3.16
32.0	0.30	0.32	0.31	2.65
64.0	0.12	0.12	0.12	2.88
128.0	0.04	0.04	0.04	2.92

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.67

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.88

11 36.67 3.88 56.84 16.68 4.560 1.576 0.6852 0.4769 0.3097 0.1181 0.0377

IH-10-5 SAN ANTONIO FEB'86 TEST WESTBOUND, INSIDE LANE, BOTH PATHS, 5C

788 FT. SECTION BEGINS 1860 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.26 IN. AT 690.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	50.49	63.06	56.78	3.00
1.0	15.22	18.62	16.92	3.43
2.0	4.35	5.02	4.69	4.25
4.0	1.35	1.58	1.47	4.44
8.0	0.50	0.56	0.53	4.06
16.0	0.27	0.32	0.29	3.78
32.0	0.19	0.22	0.20	3.31
64.0	0.09	0.10	0.09	3.22
128.0	0.01	0.01	0.01	3.92

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 23.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.53

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.49

11 23.86 4.49 56.78 16.92 4.686 1.465 0.5292 0.2938 0.2047 0.0922 0.0121

IH-10-5 SAN ANTONIO FEB'86 MID-CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, 5D

352 FT. SECTION BEGINS 2648 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 140.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	50.52	61.54	56.03	3.00
1.0	15.70	18.39	17.04	3.42
2.0	4.49	5.41	4.95	4.15
4.0	1.47	1.76	1.61	4.30
8.0	0.59	0.72	0.65	3.85
16.0	0.28	0.32	0.30	3.76
32.0	0.14	0.15	0.14	3.77
64.0	0.06	0.06	0.06	3.68
128.0	0.01	0.01	0.01	4.03

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.34

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.43

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.52

11 27.34 4.52 56.03 17.04 4.947 1.613 0.6516 0.2991 0.1412 0.0603 0.0097

IH-10-5 SAN ANTONIO FEB'86 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,5E

1056 FT. SECTION BEGINS 3000 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 60.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	50.17	59.82	54.99	3.02
1.0	15.15	17.39	16.27	3.47
2.0	4.29	4.86	4.57	4.29
4.0	1.46	1.65	1.55	4.36
8.0	0.56	0.61	0.58	3.97
16.0	0.26	0.27	0.27	3.88
32.0	0.16	0.17	0.17	3.59
64.0	0.09	0.08	0.08	3.32
128.0	0.02	0.02	0.02	3.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.12

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.52

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

11 24.12 4.38 54.99 16.27 4.574 1.552 0.5813 0.2656 0.1654 0.0848 0.0166

IH-10-5 SAN ANTONIO FEB'86 TEST WESTBOUND,INSIDE LANE,BOTH PATHS,5F

1056 FT. SECTION BEGINS 4056 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 997.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	49.09	56.69	52.89	3.04
1.0	14.43	16.61	15.52	3.53
2.0	3.88	4.62	4.25	4.41
4.0	1.34	1.63	1.49	4.42
8.0	0.50	0.59	0.55	4.03
16.0	0.21	0.25	0.23	4.01
32.0	0.11	0.13	0.12	3.95
64.0	0.06	0.06	0.06	3.70
128.0	0.01	0.01	0.01	4.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20.88

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.53

11 20.88 4.53 52.89 15.52 4.253 1.489 0.5469 0.2324 0.1191 0.0588 0.0105

IH-10-5 SAN ANTONIO FEB'86 TEST WESTBOUND, INSIDE LANE, BOTH PATHS, 5G

1056 FT. SECTION BEGINS 5112 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 595.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	49.91	57.60	53.76	3.03
1.0	15.08	16.76	15.92	3.50
2.0	4.24	4.85	4.55	4.30
4.0	1.52	1.74	1.63	4.28
8.0	0.68	0.66	0.67	3.81
16.0	0.41	0.41	0.41	3.39
32.0	0.27	0.27	0.27	2.87
64.0	0.11	0.11	0.11	2.99
128.0	0.03	0.03	0.03	3.29

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.97

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

11 33.97 4.11 53.76 15.92 4.545 1.634 0.6731 0.4078 0.2717 0.1098 0.0276

IH-10-5 SAN ANTONIO FEB'86 TEST WESTBOUND, INSIDE LANE, BOTH PATHS, 5H

1056 FT. SECTION BEGINS 6168 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 26.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	47.36	57.07	52.22	3.05
1.0	14.06	16.86	15.46	3.53
2.0	4.07	4.87	4.47	4.33
4.0	1.30	1.69	1.50	4.41
8.0	0.50	0.55	0.53	4.07
16.0	0.22	0.23	0.23	4.03
32.0	0.15	0.14	0.14	3.78
64.0	0.07	0.07	0.07	3.58
128.0	0.02	0.02	0.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20.64

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.61

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

11 20.64 4.37 52.22 15.46 4.472 1.495 0.5250 0.2258 0.1409 0.0673 0.0171

IH-10-5 SAN ANTONIO FEB'86 TEST WESTBOUND, INSIDE LANE, BOTH PATHS, 5I

1056 FT. SECTION BEGINS 7224 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 180.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	48.73	60.99	54.86	3.02
1.0	15.45	18.15	16.80	3.44
2.0	4.54	5.55	5.05	4.12
4.0	1.86	2.13	1.99	3.95
8.0	0.87	0.93	0.90	3.43
16.0	0.42	0.44	0.43	3.31
32.0	0.24	0.26	0.25	3.02
64.0	0.09	0.10	0.10	3.17
128.0	0.02	0.02	0.02	3.67

MO (MRM SIMSTAT) (CDUNTS/.2 MILE): 43.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.01

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.28

11 43.14 4.28 54.86 16.80 5.047 1.995 0.8996 0.4317 0.2481 0.0958 0.0180

IH-10-5 SAN ANTONIO FEB'86 TEST WESTBOUND, INSIDE LANE, BOTH PATHS, 5J

820 FT. SECTION BEGINS 8280 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 730.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	55.33	61.71	58.52	2.97
1.0	16.54	17.98	17.26	3.40
2.0	4.49	5.28	4.88	4.18
4.0	1.64	2.06	1.85	4.08
8.0	0.74	0.89	0.81	3.57
16.0	0.36	0.42	0.39	3.43
32.0	0.17	0.19	0.18	3.50
64.0	0.08	0.08	0.08	3.44
128.0	0.02	0.02	0.02	3.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.92

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.34

11 37.92 4.34 58.52 17.26 4.883 1.852 0.8126 0.3941 0.1784 0.0763 0.0164

IH-10-5 SAN ANTONIO FEB'86 WEST-CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, 5K

520 FT. SECTION BEGINS 9100 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.79 IN. AT 516.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	128.25	56.86	92.55	2.59
1.0	50.21	17.96	34.09	2.39
2.0	11.76	5.68	8.72	2.93
4.0	3.06	2.00	2.53	3.48
8.0	0.86	0.94	0.90	3.43
16.0	0.46	0.50	0.48	3.16
32.0	0.24	0.29	0.26	2.92
64.0	0.09	0.10	0.10	3.18
128.0	0.02	0.02	0.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 57.28

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.64

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

11 57.28 4.17 92.55 34.09 8.724 2.530 0.9043 0.4773 0.2648 0.0952 0.0185

IH-10-6 SAN ANTONIO FEB'86 WEST-CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, 6A

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.29 IN. AT 1.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.36	61.57	70.46	2.83
1.0	23.77	18.59	21.18	3.14
2.0	6.26	5.04	5.65	3.90
4.0	2.25	1.78	2.01	3.93
8.0	0.87	0.77	0.82	3.57
16.0	0.49	0.47	0.48	3.15
32.0	0.27	0.29	0.28	2.82
64.0	0.14	0.15	0.14	2.57
128.0	0.04	0.04	0.04	2.91

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 46.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.92

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.81

11 46.46 3.81 70.46 21.18 5.649 2.013 0.8165 0.4831 0.2802 0.1443 0.0380

IH-10-6 SAN ANTONIO FEB'86 TEST EASTBOUND,INSIDE LANE,BOTH PATHS,6B

1056 FT. SECTION BEGINS 756 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 472.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	67.11	59.77	63.44	2.92
1.0	18.73	17.17	17.95	3.36
2.0	4.71	5.03	4.87	4.18
4.0	1.60	1.73	1.66	4.26
8.0	0.59	0.66	0.63	3.89
16.0	0.38	0.37	0.37	3.51
32.0	0.23	0.22	0.23	3.17
64.0	0.11	0.10	0.10	3.10
128.0	0.02	0.02	0.02	3.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.35

11 32.54 4.35 63.44 17.95 4.870 1.663 0.6271 0.3714 0.2256 0.1007 0.0167

IH-10-6 SAN ANTONIO FEB'86 TEST EASTBOUND,INSIDE LANE,BOTH PATHS,6C

1056 FT. SECTION BEGINS 1812 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.18 IN. AT 22.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	65.46	64.92	65.19	2.90
1.0	18.86	19.51	19.18	3.27
2.0	5.32	6.49	5.90	3.82
4.0	2.04	2.75	2.40	3.59
8.0	0.66	0.83	0.75	3.68
16.0	0.42	0.45	0.43	3.30
32.0	0.23	0.23	0.23	3.15
64.0	0.08	0.08	0.08	3.40
128.0	0.02	0.01	0.02	3.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 51.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.78

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

11 51.90 4.29 65.19 19.18 5.901 2.396 0.7472 0.4334 0.2281 0.0793 0.0151

IH-10-6 SAN ANTONIO FEB'86 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 6D

1056 FT. SECTION BEGINS 2868 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 629.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	64.43	63.29	63.86	2.91
1.0	18.45	18.68	18.56	3.31
2.0	5.14	5.92	5.53	3.95
4.0	1.96	2.55	2.26	3.71
8.0	0.60	0.83	0.71	3.74
16.0	0.34	0.38	0.36	3.55
32.0	0.19	0.19	0.19	3.40
64.0	0.07	0.07	0.07	3.55
128.0	0.02	0.02	0.02	3.79

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 44.66

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.97

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

11 44.66 4.30 63.86 18.56 5.530 2.257 0.7149 0.3588 0.1915 0.0690 0.0152

IH-10-6 SAN ANTONIO FEB'86 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 6E

1056 FT. SECTION BEGINS 3924 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 1033.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	60.65	64.41	62.53	2.93
1.0	17.23	18.74	17.99	3.35
2.0	4.71	5.66	5.19	4.07
4.0	1.75	2.28	2.02	3.93
8.0	0.64	0.78	0.71	3.75
16.0	0.44	0.46	0.45	3.26
32.0	0.30	0.31	0.30	2.68
64.0	0.12	0.12	0.12	2.83
128.0	0.02	0.02	0.02	3.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 44.47

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.97

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

11 44.47 4.15 62.53 17.99 5.187 2.019 0.7104 0.4460 0.3043 0.1224 0.0232

IH-10-6 SAN ANTONIO FEB'86 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 6F

1056 FT. SECTION BEGINS 4980 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 643.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.55	65.12	63.83	2.91
1.0	17.68	19.49	18.59	3.31
2.0	4.61	5.88	5.25	4.05
4.0	1.76	2.64	2.20	3.77
8.0	0.63	0.95	0.79	3.61
16.0	0.30	0.33	0.31	3.71
32.0	0.15	0.15	0.15	3.72
64.0	0.06	0.06	0.06	3.67
128.0	0.01	0.01	0.01	3.87

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 40.85

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

11 40.85 4.36 63.83 18.59 5.245 2.200 0.7925 0.3136 0.1484 0.0610 0.0133

IH-10-6 SAN ANTONIO FEB'86 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 6G

820 FT. SECTION BEGINS 6036 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.38 IN. AT 764.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.24	80.53	76.89	2.76
1.0	20.10	22.67	21.39	3.13
2.0	5.28	6.66	5.97	3.79
4.0	2.31	3.39	2.85	3.22
8.0	0.92	1.36	1.14	3.07
16.0	0.44	0.46	0.45	3.25
32.0	0.25	0.25	0.25	3.00
64.0	0.09	0.09	0.09	3.22
128.0	0.02	0.02	0.02	3.75

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

11 62.71 4.20 76.89 21.39 5.971 2.849 1.1410 0.4514 0.2517 0.0921 0.0163

IH-10-6 SAN ANTONIO FEB'86 MID-CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, 6H

421 FT. SECTION BEGINS 6856 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 288.5 FT..

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	70.53	68.12	69.32	2.85
1.0	19.74	19.83	19.79	3.23
2.0	5.27	6.24	5.75	3.87
4.0	2.36	3.21	2.79	3.27
8.0	0.76	1.11	0.94	3.37
16.0	0.32	0.34	0.33	3.65
32.0	0.15	0.13	0.14	3.78
64.0	0.05	0.05	0.05	3.88
128.0	0.01	0.01	0.01	4.10

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

11 54.45 4.40 69.32 19.79 5.755 2.785 0.9389 0.3306 0.1399 0.0478 0.0080

IH-10-6 SAN ANTONIO FEB'86 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 6I

819 FT. SECTION BEGINS 7277 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.36 IN. AT 32.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.61	77.72	77.17	2.76
1.0	20.83	21.62	21.22	3.14
2.0	5.25	6.41	5.83	3.84
4.0	2.15	3.02	2.59	3.43
8.0	0.82	1.25	1.04	3.22
16.0	0.41	0.48	0.45	3.26
32.0	0.19	0.21	0.20	3.33
64.0	0.08	0.08	0.08	3.36
128.0	0.01	0.01	0.01	4.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.74

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

11 56.74 4.38 77.17 21.22 5.832 2.587 1.0353 0.4459 0.2025 0.0823 0.0100

IH-10-6 SAN ANTONIO FEB'86 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, 6J

819 FT. SECTION BEGINS 8096 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.20 IN. AT 743.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	70.63	69.55	70.09	2.84
1.0	19.91	20.63	20.27	3.20
2.0	5.44	6.63	6.03	3.77
4.0	2.36	3.13	2.74	3.31
8.0	0.87	1.03	0.95	3.36
16.0	0.54	0.51	0.53	3.02
32.0	0.28	0.25	0.26	2.92
64.0	0.16	0.14	0.15	2.54
128.0	0.04	0.04	0.04	2.87

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.63

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.68

11 64.63 3.68 70.09 20.27 6.035 2.743 0.9481 0.5254 0.2650 0.1471 0.0394

IH-10-6 SAN ANTONIO FEB'86 WEST-CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, 6K

728 FT. SECTION BEGINS 8915 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 432.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	66.80	66.59	66.70	2.88
1.0	18.89	20.27	19.58	3.25
2.0	5.40	6.60	6.00	3.78
4.0	2.37	3.04	2.71	3.33
8.0	0.82	1.03	0.92	3.39
16.0	0.51	0.55	0.53	3.00
32.0	0.28	0.27	0.28	2.85
64.0	0.12	0.11	0.11	2.92
128.0	0.03	0.03	0.03	3.20

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

11 64.20 3.90 66.70 19.58 5.997 2.709 0.9249 0.5309 0.2751 0.1148 0.0301

IH-37-1 SAN ANTONIO FEB'86 NORTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.43 IN. AT 1020.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	79.38	80.66	80.02	2.73
1.0	23.84	24.86	24.35	2.94
2.0	6.59	6.52	6.56	3.59
4.0	2.39	2.12	2.26	3.71
8.0	0.79	0.78	0.78	3.62
16.0	0.42	0.39	0.41	3.40
32.0	0.25	0.23	0.24	3.09
64.0	0.08	0.07	0.08	3.43
128.0	0.02	0.02	0.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.89

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

16 47.35 4.25 80.02 24.35 6.555 2.260 0.7837 0.4051 0.2376 0.0770 0.0172

IH-37-1 SAN ANTONIO FEB'86 NORTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 134.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.45	62.70	69.07	2.85
1.0	22.15	18.53	20.34	3.19
2.0	6.17	5.78	5.98	3.79
4.0	2.08	1.89	1.99	3.96
8.0	0.65	0.60	0.63	3.89
16.0	0.33	0.30	0.32	3.70
32.0	0.20	0.18	0.19	3.39
64.0	0.07	0.07	0.07	3.53
128.0	0.01	0.01	0.01	3.91

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.37

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

16 36.37 4.40 69.07 20.34 5.979 1.986 0.6252 0.3163 0.1932 0.0702 0.0125

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 2810 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.62 IN. AT 34.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	74.34	89.93	82.14	2.70
1.0	22.72	26.99	24.85	2.91
2.0	7.05	7.72	7.38	3.33
4.0	2.71	2.69	2.70	3.34
8.0	0.96	1.00	0.98	3.31
16.0	0.38	0.36	0.37	3.52
32.0	0.18	0.17	0.18	3.52
64.0	0.08	0.08	0.08	3.39
128.0	0.02	0.02	0.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.84

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

16 54.84 4.19 82.14 24.85 7.382 2.703 0.9792 0.3686 0.1758 0.0799 0.0171

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 3866 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.59 IN. AT 384.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.10	87.22	80.16	2.72
1.0	24.04	25.32	24.68	2.92
2.0	7.99	7.37	7.68	3.23
4.0	3.23	2.94	3.09	3.04
8.0	1.11	1.13	1.12	3.10
16.0	0.52	0.44	0.48	3.15
32.0	0.29	0.27	0.28	2.83
64.0	0.14	0.14	0.14	2.63
128.0	0.03	0.03	0.03	3.31

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.50

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

16 69.50 3.90 80.16 24.68 7.681 3.087 1.1183 0.4804 0.2797 0.1390 0.0272

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 4922 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 472.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.87	58.95	60.91	2.95
1.0	18.72	17.61	18.17	3.34
2.0	6.06	5.46	5.76	3.86
4.0	2.69	2.41	2.55	3.46
8.0	1.22	1.15	1.18	3.01
16.0	0.75	0.71	0.73	2.45
32.0	0.45	0.44	0.44	1.99
64.0	0.16	0.15	0.16	2.44
128.0	0.04	0.04	0.04	2.79

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 72.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.28

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.65

16 72.22 3.65 60.91 18.17 5.759 2.550 1.1844 0.7322 0.4429 0.1562 0.0415

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 5978 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 102.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.90	59.83	61.37	2.94
1.0	17.97	17.62	17.80	3.37
2.0	5.37	5.52	5.44	3.98
4.0	2.49	2.40	2.44	3.55
8.0	1.20	1.09	1.15	3.06
16.0	0.69	0.57	0.63	2.72
32.0	0.43	0.36	0.40	2.20
64.0	0.20	0.17	0.18	2.19
128.0	0.02	0.02	0.02	3.76

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.01

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

16 64.01 4.26 61.37 17.80 5.441 2.444 1.1463 0.6280 0.3969 0.1814 0.0159

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7034 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 878.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	63.29	57.48	60.38	2.95
1.0	18.20	16.92	17.56	3.38
2.0	5.72	5.34	5.53	3.95
4.0	2.80	2.45	2.62	3.40
8.0	1.27	1.20	1.23	2.94
16.0	0.66	0.63	0.64	2.68
32.0	0.33	0.32	0.32	2.57
64.0	0.09	0.09	0.09	3.22
128.0	0.02	0.02	0.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

16 68.72 4.06 60.38 17.56 5.529 2.623 1.2333 0.6428 0.3240 0.0921 0.0237

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8090 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 70.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.96	60.42	61.69	2.94
1.0	18.30	17.68	17.99	3.35
2.0	5.59	5.55	5.57	3.93
4.0	2.54	2.46	2.50	3.51
8.0	1.02	1.01	1.02	3.25
16.0	0.45	0.42	0.44	3.30
32.0	0.27	0.23	0.25	3.01
64.0	0.14	0.12	0.13	2.76
128.0	0.03	0.02	0.02	3.40

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.72

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.05

16 54.23 4.05 61.69 17.99 5.571 2.500 1.0158 0.4350 0.2504 0.1280 0.0247

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9146 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 368.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.18	58.10	58.64	2.97
1.0	17.43	16.94	17.18	3.41
2.0	5.48	5.15	5.31	4.02
4.0	2.55	2.37	2.46	3.54
8.0	1.16	1.11	1.13	3.08
16.0	0.61	0.58	0.59	2.81
32.0	0.32	0.30	0.31	2.64
64.0	0.11	0.10	0.11	3.04
128.0	0.02	0.02	0.02	3.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.39

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

16 62.39 4.14 58.64 17.18 5.315 2.457 1.1316 0.5948 0.3111 0.1055 0.0212

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10202 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 628.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	57.47	57.31	57.39	2.99
1.0	16.77	16.72	16.74	3.44
2.0	5.18	5.12	5.15	4.08
4.0	2.40	2.33	2.37	3.62
8.0	1.00	1.05	1.03	3.24
16.0	0.50	0.48	0.49	3.12
32.0	0.35	0.34	0.34	2.46
64.0	0.19	0.18	0.19	2.13
128.0	0.04	0.04	0.04	2.72

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.64

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.63

16 54.64 3.63 57.39 16.74 5.152 2.368 1.0270 0.4923 0.3437 0.1875 0.0439

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS 11258 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.35 IN. AT 977.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	61.85	66.86	64.36	2.90
1.0	18.36	19.52	18.94	3.29
2.0	5.66	6.08	5.87	3.83
4.0	2.66	2.63	2.65	3.38
8.0	1.18	1.14	1.16	3.04
16.0	0.58	0.55	0.56	2.90
32.0	0.37	0.33	0.35	2.42
64.0	0.21	0.19	0.20	2.01
128.0	0.06	0.06	0.06	2.32

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.45

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.28

16 64.79 3.28 64.36 18.94 5.870 2.647 1.1613 0.5648 0.3529 0.2013 0.0572

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS 12314 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 1025.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.81	56.46	59.64	2.96
1.0	18.17	16.79	17.48	3.39
2.0	5.49	5.36	5.43	3.98
4.0	2.58	2.56	2.57	3.45
8.0	1.06	1.09	1.07	3.17
16.0	0.39	0.39	0.39	3.45
32.0	0.25	0.24	0.25	3.02
64.0	0.13	0.12	0.13	2.79
128.0	0.01	0.01	0.01	3.92

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.09

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.75

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

16 53.09 4.33 59.64 17.48 5.427 2.569 1.0719 0.3885 0.2481 0.1253 0.0122

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13370 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 682.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	57.75	57.22	57.48	2.99
1.0	17.93	17.13	17.53	3.39
2.0	6.17	5.95	6.06	3.76
4.0	2.86	2.66	2.76	3.29
8.0	1.03	0.98	1.00	3.27
16.0	0.45	0.40	0.42	3.33
32.0	0.27	0.24	0.25	2.98
64.0	0.14	0.13	0.13	2.69
128.0	0.04	0.04	0.04	2.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.34

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

16 59.34 3.66 57.48 17.53 6.061 2.763 1.0030 0.4250 0.2543 0.1337 0.0399

IH-37-1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14426 FT. FROM MARK 0 IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 315.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.10	59.08	58.59	2.97
1.0	17.82	17.42	17.62	3.38
2.0	6.17	5.37	5.77	3.86
4.0	2.74	2.28	2.51	3.50
8.0	1.07	0.91	0.99	3.29
16.0	0.44	0.40	0.42	3.34
32.0	0.27	0.26	0.27	2.91
64.0	0.14	0.13	0.13	2.68
128.0	0.02	0.02	0.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.64

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.73

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

16 53.64 4.17 58.59 17.62 5.772 2.510 0.9893 0.4209 0.2656 0.1349 0.0196

IH-37-1 SAN ANTONIO FEB'86 SOUTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,O

1056 FT. SECTION BEGINS16957 FT. FROM MARK O IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.50 IN. AT 1041.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	203.70	366.04	284.87	1.18
1.0	59.17	110.76	84.97	0.82
2.0	16.25	27.72	21.99	0.82
4.0	4.55	7.26	5.90	1.51
8.0	1.36	1.80	1.58	2.49
16.0	0.48	0.51	0.49	3.11
32.0	0.16	0.16	0.16	3.60
64.0	0.07	0.07	0.07	3.52
128.0	0.02	0.02	0.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 131.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.64

16 131.06 3.64 284.87 84.97 21.985 5.903 1.5773 0.4935 0.1641 0.0708 0.0177

IH-37-1 SAN ANTONIO FEB'86 SOUTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,P

943 FT. SECTION BEGINS18013 FT. FROM MARK O IN FILE 1

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.38 IN. AT 2.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	195.61	263.14	229.38	1.48
1.0	58.40	73.49	65.94	1.22
2.0	14.83	17.45	16.14	1.43
4.0	4.23	4.85	4.54	2.12
8.0	1.45	1.49	1.47	2.63
16.0	0.78	0.68	0.73	2.46
32.0	0.38	0.35	0.37	2.33
64.0	0.13	0.13	0.13	2.73
128.0	0.03	0.02	0.02	3.41

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 115.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.70

16 115.10 3.70 229.38 65.94 16.141 4.540 1.4691 0.7304 0.3694 0.1302 0.0246

IH-37-2 SAN ANTONIO FEB'86 NORTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.48 IN. AT 20.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	87.72	77.59	82.66	2.70
1.0	25.40	23.20	24.30	2.94
2.0	7.13	6.85	6.99	3.45
4.0	2.52	2.48	2.50	3.51
8.0	1.05	0.97	1.01	3.26
16.0	0.46	0.44	0.45	3.25
32.0	0.23	0.22	0.23	3.16
64.0	0.08	0.08	0.08	3.45
128.0	0.01	0.01	0.01	3.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.32

16 55.06 4.32 82.66 24.30 6.991 2.499 1.0090 0.4501 0.2274 0.0760 0.0127

IH-37-2 SAN ANTONIO FEB'86 NORTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.23 IN. AT 91.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.26	62.59	67.92	2.86
1.0	21.95	19.10	20.52	3.18
2.0	6.18	5.38	5.78	3.86
4.0	1.98	1.84	1.91	4.03
8.0	0.66	0.70	0.68	3.80
16.0	0.34	0.32	0.33	3.65
32.0	0.18	0.17	0.17	3.55
64.0	0.06	0.05	0.05	3.77
128.0	0.01	0.01	0.01	3.96

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.44

16 35.56 4.44 67.92 20.52 5.783 1.908 0.6793 0.3313 0.1706 0.0549 0.0112

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 2810 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.35 IN. AT 930.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.82	71.74	74.28	2.79
1.0	22.82	20.76	21.79	3.10
2.0	6.67	5.96	6.31	3.67
4.0	2.68	2.20	2.44	3.56
8.0	0.94	0.82	0.88	3.46
16.0	0.38	0.37	0.37	3.50
32.0	0.20	0.20	0.20	3.36
64.0	0.09	0.09	0.09	3.19
128.0	0.02	0.02	0.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

16 49.55 4.16 74.28 21.79 6.314 2.442 0.8813 0.3749 0.1970 0.0942 0.0202

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 3866 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.64 IN. AT 624.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	94.14	95.38	94.76	2.57
1.0	31.99	29.43	30.71	2.57
2.0	8.95	8.10	8.53	2.98
4.0	3.67	3.14	3.41	2.81
8.0	1.19	1.09	1.14	3.07
16.0	0.48	0.49	0.48	3.14
32.0	0.29	0.32	0.30	2.68
64.0	0.15	0.16	0.15	2.47
128.0	0.03	0.03	0.03	3.25

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 76.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.82

16 76.68 3.82 94.76 30.71 8.525 3.407 1.1390 0.4850 0.3039 0.1540 0.0286

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 4922 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 458.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	61.97	60.23	61.10	2.94
1.0	18.20	18.20	18.20	3.34
2.0	5.63	5.87	5.75	3.87
4.0	2.67	2.63	2.65	3.38
8.0	1.25	1.23	1.24	2.93
16.0	0.78	0.70	0.74	2.44
32.0	0.45	0.40	0.42	2.08
64.0	0.15	0.15	0.15	2.49
128.0	0.04	0.04	0.04	2.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.22

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.71

16 74.57 3.71 61.10 18.20 5.748 2.647 1.2398 0.7364 0.4236 0.1517 0.0385

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 5978 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 207.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.97	59.53	61.25	2.94
1.0	17.83	17.68	17.75	3.37
2.0	5.46	5.67	5.57	3.93
4.0	2.63	2.52	2.58	3.44
8.0	1.08	1.03	1.06	3.19
16.0	0.49	0.42	0.45	3.24
32.0	0.26	0.23	0.25	3.03
64.0	0.11	0.10	0.10	3.06
128.0	0.02	0.02	0.02	3.67

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.83

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

16 56.83 4.19 61.25 17.75 5.569 2.576 1.0570 0.4518 0.2467 0.1042 0.0181

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7034 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.21 IN. AT 712.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	61.73	61.01	61.37	2.94
1.0	17.79	18.43	18.11	3.35
2.0	5.44	5.95	5.69	3.89
4.0	2.70	2.72	2.71	3.33
8.0	1.32	1.19	1.26	2.90
16.0	0.66	0.59	0.62	2.74
32.0	0.33	0.30	0.32	2.62
64.0	0.11	0.11	0.11	3.01
128.0	0.02	0.02	0.02	3.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.03

16 69.46 4.03 61.37 18.11 5.694 2.709 1.2591 0.6232 0.3152 0.1077 0.0242

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8090 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 579.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	60.67	62.40	61.53	2.94
1.0	17.56	18.18	17.87	3.36
2.0	5.57	5.83	5.70	3.89
4.0	2.62	2.47	2.55	3.47
8.0	0.99	0.96	0.98	3.31
16.0	0.40	0.36	0.38	3.47
32.0	0.21	0.20	0.20	3.33
64.0	0.10	0.09	0.09	3.23
128.0	0.02	0.02	0.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.77

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

16 52.27 4.13 61.53 17.87 5.696 2.546 0.9770 0.3832 0.2019 0.0911 0.0210

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9146 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 42.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	60.50	61.35	60.92	2.95
1.0	17.15	18.23	17.69	3.37
2.0	5.64	5.93	5.79	3.85
4.0	2.79	2.79	2.79	3.27
8.0	1.26	1.23	1.24	2.92
16.0	0.58	0.50	0.54	2.97
32.0	0.30	0.27	0.28	2.82
64.0	0.09	0.09	0.09	3.26
128.0	0.02	0.02	0.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

16 66.51 4.15 60.92 17.69 5.787 2.787 1.2429 0.5419 0.2809 0.0895 0.0187

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10202 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 329.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.06	59.05	59.05	2.97
1.0	17.14	17.59	17.37	3.40
2.0	5.45	5.62	5.53	3.94
4.0	2.74	2.46	2.60	3.42
8.0	1.20	1.07	1.13	3.08
16.0	0.57	0.54	0.56	2.92
32.0	0.38	0.37	0.38	2.30
64.0	0.21	0.20	0.21	1.97
128.0	0.05	0.05	0.05	2.62

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.30

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.52

16 63.30 3.52 59.05 17.37 5.533 2.598 1.1343 0.5571 0.3763 0.2058 0.0471

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS11258 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.15 IN. AT 980.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.92	60.51	59.71	2.96
1.0	17.89	17.69	17.79	3.37
2.0	6.06	5.61	5.84	3.84
4.0	2.67	2.53	2.60	3.42
8.0	1.15	1.15	1.15	3.05
16.0	0.59	0.56	0.58	2.87
32.0	0.34	0.32	0.33	2.54
64.0	0.17	0.16	0.17	2.35
128.0	0.05	0.05	0.05	2.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.38

16 64.42 3.38 59.71 17.79 5.836 2.598 1.1531 0.5766 0.3305 0.1655 0.0531

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS12314 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 185.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.82	60.17	60.00	2.96
1.0	17.70	18.20	17.95	3.36
2.0	6.07	5.68	5.87	3.82
4.0	2.88	2.56	2.72	3.32
8.0	1.14	1.05	1.09	3.14
16.0	0.39	0.38	0.38	3.47
32.0	0.23	0.22	0.23	3.16
64.0	0.11	0.11	0.11	2.97
128.0	0.01	0.01	0.01	4.01

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.13

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

16 56.13 4.36 60.00 17.95 5.875 2.721 1.0931 0.3843 0.2276 0.1108 0.0102

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13370 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.21 IN. AT 398.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.94	64.25	63.59	2.91
1.0	18.09	18.95	18.52	3.32
2.0	5.92	5.84	5.88	3.82
4.0	2.97	2.80	2.88	3.20
8.0	1.18	1.24	1.21	2.97
16.0	0.39	0.36	0.38	3.49
32.0	0.22	0.21	0.21	3.25
64.0	0.12	0.11	0.12	2.90
128.0	0.03	0.03	0.03	3.19

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.87

16 59.10 3.87 63.59 18.52 5.879 2.882 1.2107 0.3756 0.2137 0.1169 0.0303

IH-37-2 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14426 FT. FROM MARK 0 IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 9.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.80	59.39	59.59	2.96
1.0	18.27	17.81	18.04	3.35
2.0	6.40	5.71	6.05	3.76
4.0	3.04	2.50	2.77	3.28
8.0	1.20	1.03	1.12	3.10
16.0	0.45	0.38	0.42	3.36
32.0	0.25	0.22	0.23	3.13
64.0	0.13	0.11	0.12	2.88
128.0	0.02	0.02	0.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.09

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

16 59.09 4.06 59.59 18.04 6.055 2.774 1.1165 0.4164 0.2314 0.1182 0.0228

IH-37-2 SAN ANTONIO FEB'86 SOUTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,O

1056 FT. SECTION BEGINS16957 FT. FROM MARK O IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.72 IN. AT 998.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	259.85	343.61	301.73	1.10
1.0	74.22	106.32	90.27	0.74
2.0	19.27	27.51	23.39	0.72
4.0	4.98	7.17	6.07	1.45
8.0	1.40	1.87	1.63	2.43
16.0	0.60	0.66	0.63	2.71
32.0	0.25	0.28	0.27	2.91
64.0	0.09	0.08	0.09	3.31
128.0	0.02	0.02	0.02	3.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 142.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.52

16 142.54 3.52 301.73 90.27 23.390 6.071 1.6328 0.6314 0.2653 0.0859 0.0212

IH-37-2 SAN ANTONIO FEB'86 SOUTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,P

917 FT. SECTION BEGINS18013 FT. FROM MARK O IN FILE 2

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.22 IN. AT 328.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	221.75	228.49	225.12	1.50
1.0	70.36	56.59	63.48	1.28
2.0	18.89	15.56	17.23	1.29
4.0	5.27	4.35	4.81	1.98
8.0	1.49	1.28	1.38	2.73
16.0	0.67	0.57	0.62	2.74
32.0	0.35	0.32	0.34	2.50
64.0	0.14	0.13	0.14	2.64
128.0	0.02	0.02	0.02	3.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 114.76

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.71

16 114.76 3.71 225.12 63.48 17.225 4.813 1.3841 0.6208 0.3367 0.1380 0.0223

IH-37-3 SAN ANTONIO FEB'86 NORTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.30 IN. AT 18.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	81.67	59.25	70.46	2.83
1.0	22.42	16.84	19.63	3.24
2.0	6.09	5.07	5.58	3.93
4.0	1.92	1.81	1.87	4.07
8.0	0.64	0.62	0.63	3.88
16.0	0.32	0.31	0.32	3.70
32.0	0.20	0.20	0.20	3.34
64.0	0.09	0.09	0.09	3.20
128.0	0.02	0.02	0.02	3.78

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.35

16 33.75 4.35 70.46 19.63 5.581 1.865 0.6316 0.3159 0.1998 0.0935 0.0156

IH-37-3 SAN ANTONIO FEB'86 NORTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.29 IN. AT 96.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	76.05	75.45	75.75	2.77
1.0	22.15	21.67	21.91	3.09
2.0	6.20	6.60	6.40	3.64
4.0	2.34	2.95	2.65	3.39
8.0	1.08	1.29	1.19	3.00
16.0	0.43	0.49	0.46	3.21
32.0	0.18	0.20	0.19	3.42
64.0	0.06	0.06	0.06	3.69
128.0	0.01	0.01	0.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

16 58.96 4.27 75.75 21.91 6.401 2.645 1.1873 0.4628 0.1893 0.0600 0.0140

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 2810 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.27 IN. AT 758.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.95	64.77	69.36	2.85
1.0	21.03	18.91	19.97	3.22
2.0	6.47	5.38	5.92	3.81
4.0	3.01	2.19	2.60	3.42
8.0	1.11	0.93	1.02	3.25
16.0	0.42	0.45	0.44	3.29
32.0	0.23	0.27	0.25	3.03
64.0	0.11	0.12	0.12	2.92
128.0	0.02	0.02	0.02	3.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.07

16 56.56 4.07 69.36 19.97 5.924 2.604 1.0186 0.4365 0.2473 0.1151 0.0230

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 3866 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.62 IN. AT 382.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	80.15	92.07	86.11	2.66
1.0	24.68	25.23	24.96	2.90
2.0	7.75	7.31	7.53	3.28
4.0	3.30	2.85	3.08	3.05
8.0	1.25	1.26	1.25	2.91
16.0	0.53	0.61	0.57	2.89
32.0	0.32	0.34	0.33	2.54
64.0	0.17	0.16	0.17	2.34
128.0	0.03	0.03	0.03	3.29

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.89

16 74.21 3.89 86.11 24.96 7.528 3.076 1.2516 0.5675 0.3300 0.1662 0.0277

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, E

1056 FT. SECTION BEGINS 4922 FT. FROM MARK O IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 528.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	66.89	59.72	63.31	2.92
1.0	19.41	18.10	18.75	3.30
2.0	6.43	5.34	5.89	3.82
4.0	3.10	2.20	2.65	3.38
8.0	1.28	1.07	1.17	3.02
16.0	0.66	0.66	0.66	2.64
32.0	0.37	0.38	0.37	2.31
64.0	0.16	0.16	0.16	2.43
128.0	0.04	0.04	0.04	3.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 70.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.78

16 70.21 3.78 63.31 18.75 5.887 2.649 1.1743 0.6592 0.3748 0.1579 0.0354

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, F

1056 FT. SECTION BEGINS 5978 FT. FROM MARK O IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 977.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.47	59.00	60.73	2.95
1.0	18.40	17.50	17.95	3.36
2.0	6.06	4.88	5.47	3.97
4.0	2.76	1.98	2.37	3.62
8.0	0.98	0.91	0.95	3.36
16.0	0.40	0.44	0.42	3.36
32.0	0.21	0.22	0.22	3.22
64.0	0.10	0.11	0.10	3.05
128.0	0.02	0.02	0.02	3.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 50.26

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.82

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

16 50.26 4.14 60.73 17.95 5.467 2.366 0.9456 0.4160 0.2176 0.1049 0.0219

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7034 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.17 IN. AT 315.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	63.94	61.60	62.77	2.92
1.0	18.77	17.80	18.29	3.33
2.0	6.39	5.22	5.81	3.85
4.0	3.08	2.36	2.72	3.33
8.0	1.29	1.25	1.27	2.88
16.0	0.67	0.68	0.68	2.59
32.0	0.32	0.32	0.32	2.60
64.0	0.11	0.10	0.11	3.05
128.0	0.02	0.02	0.02	3.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 72.74

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

16 72.74 4.08 62.77 18.29 5.807 2.717 1.2726 0.6778 0.3182 0.1052 0.0223

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8090 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 1008.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.84	64.15	61.50	2.94
1.0	16.92	18.94	17.93	3.36
2.0	5.60	5.37	5.48	3.96
4.0	2.83	2.33	2.58	3.44
8.0	1.12	1.10	1.11	3.11
16.0	0.48	0.55	0.52	3.04
32.0	0.22	0.23	0.22	3.17
64.0	0.08	0.08	0.08	3.34
128.0	0.02	0.02	0.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.59

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

16 60.59 4.13 61.50 17.93 5.484 2.581 1.1102 0.5160 0.2247 0.0839 0.0208

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9146 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.09 IN. AT 839.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.44	58.45	58.95	2.97
1.0	16.99	17.46	17.23	3.41
2.0	5.56	4.87	5.22	4.06
4.0	2.86	1.95	2.40	3.59
8.0	1.08	0.83	0.95	3.35
16.0	0.41	0.37	0.39	3.45
32.0	0.20	0.17	0.18	3.46
64.0	0.06	0.05	0.06	3.71
128.0	0.01	0.01	0.01	3.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

16 49.56 4.29 58.95 17.23 5.217 2.403 0.9539 0.3898 0.1838 0.0582 0.0148

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10202 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 319.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.29	59.26	58.77	2.97
1.0	17.30	17.40	17.35	3.40
2.0	5.49	5.17	5.33	4.02
4.0	2.45	2.13	2.29	3.69
8.0	1.07	1.10	1.09	3.15
16.0	0.63	0.68	0.66	2.64
32.0	0.44	0.45	0.45	1.98
64.0	0.23	0.24	0.24	1.73
128.0	0.05	0.05	0.05	2.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.42

16 62.46 3.42 58.77 17.35 5.328 2.291 1.0864 0.6589 0.4451 0.2353 0.0534

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, K

1056 FT. SECTION BEGINS 11258 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 710.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.67	61.40	60.53	2.95
1.0	17.36	17.51	17.44	3.39
2.0	5.66	5.05	5.35	4.01
4.0	2.70	2.16	2.43	3.56
8.0	1.11	1.12	1.12	3.10
16.0	0.60	0.66	0.63	2.71
32.0	0.35	0.36	0.36	2.40
64.0	0.17	0.17	0.17	2.32
128.0	0.05	0.05	0.05	2.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.49

16 64.06 3.49 60.53 17.44 5.353 2.433 1.1175 0.6329 0.3567 0.1677 0.0495

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, L

1056 FT. SECTION BEGINS 12314 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 607.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.89	57.40	60.15	2.95
1.0	17.99	16.93	17.46	3.39
2.0	5.36	4.77	5.07	4.11
4.0	2.46	2.02	2.24	3.73
8.0	1.00	1.04	1.02	3.25
16.0	0.47	0.62	0.54	2.97
32.0	0.23	0.26	0.24	3.06
64.0	0.10	0.10	0.10	3.10
128.0	0.02	0.02	0.02	3.68

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

16 54.69 4.25 60.15 17.46 5.066 2.239 1.0208 0.5420 0.2419 0.1011 0.0180

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13370 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 397.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	63.74	56.30	60.02	2.96
1.0	18.24	16.49	17.36	3.40
2.0	5.73	4.72	5.23	4.05
4.0	2.97	2.08	2.52	3.48
8.0	1.32	1.10	1.21	2.97
16.0	0.45	0.57	0.51	3.07
32.0	0.26	0.30	0.28	2.81
64.0	0.13	0.13	0.13	2.74
128.0	0.03	0.03	0.03	3.38

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.04

16 58.87 4.04 60.02 17.36 5.226 2.525 1.2071 0.5069 0.2828 0.1299 0.0253

IH-37-3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14426 FT. FROM MARK 0 IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 126.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.69	56.77	58.23	2.98
1.0	17.35	16.84	17.09	3.42
2.0	5.57	4.74	5.15	4.08
4.0	2.64	1.92	2.28	3.69
8.0	1.03	0.89	0.96	3.34
16.0	0.39	0.45	0.42	3.35
32.0	0.22	0.25	0.23	3.13
64.0	0.11	0.12	0.11	2.96
128.0	0.03	0.03	0.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.66

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.01

16 48.66 4.01 58.23 17.09 5.153 2.281 0.9594 0.4200 0.2313 0.1119 0.0279

IH-37-3 SAN ANTONIO FEB'86 SOUTH-CTRL SOUTHBOUND,INSIDE,BOTH PATHS,O

1056 FT. SECTION BEGINS16957 FT. FROM MARK O IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.48 IN. AT 63.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	209.35	206.63	207.99	1.61
1.0	64.07	59.67	61.87	1.33
2.0	17.20	15.77	16.49	1.38
4.0	4.90	4.89	4.90	1.94
8.0	1.59	1.72	1.65	2.40
16.0	0.75	0.74	0.74	2.42
32.0	0.40	0.37	0.39	2.25
64.0	0.12	0.10	0.11	2.97
128.0	0.02	0.02	0.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 123.61

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.80

16 123.61 3.80 207.99 61.87 16.486 4.899 1.6542 0.7438 0.3855 0.1109 0.0184

IH-37-3 SAN ANTONIO FEB'86 SOUTH-CTRL SOUTHBOUND,INSIDE,BOTH PATHS,P

900 FT. SECTION BEGINS18013 FT. FROM MARK O IN FILE 3

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.71 IN. AT 3.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	168.12	233.83	200.97	1.66
1.0	51.11	66.36	58.74	1.42
2.0	14.99	19.02	17.01	1.32
4.0	4.41	5.26	4.83	1.97
8.0	1.39	1.63	1.51	2.58
16.0	0.62	0.64	0.63	2.72
32.0	0.33	0.35	0.34	2.46
64.0	0.14	0.14	0.14	2.62
128.0	0.02	0.02	0.02	3.41

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 115.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.40

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

16 115.69 3.66 200.97 58.74 17.006 4.835 1.5080 0.6290 0.3445 0.1401 0.0247

IH-37-4 SAN ANTONIO FEB'86 SOUTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.52 IN. AT 721.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	279.76	329.15	304.46	1.09
1.0	94.15	100.22	97.19	0.64
2.0	24.53	23.68	24.10	0.67
4.0	6.25	6.37	6.31	1.37
8.0	1.79	1.88	1.84	2.20
16.0	0.66	0.62	0.64	2.70
32.0	0.28	0.24	0.26	2.96
64.0	0.11	0.10	0.10	3.07
128.0	0.03	0.03	0.03	3.15

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 148.00

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.90

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.25

16 148.00 3.25 304.46 97.19 24.104 6.310 1.8351 0.6370 0.2579 0.1032 0.0313

IH-37-4 SAN ANTONIO FEB'86 SOUTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.38 IN. AT 46.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	308.18	376.03	342.11	0.94
1.0	100.94	103.74	102.34	0.57
2.0	25.20	26.02	25.61	0.58
4.0	6.53	7.04	6.78	1.22
8.0	1.78	1.90	1.84	2.20
16.0	0.69	0.73	0.71	2.50
32.0	0.30	0.30	0.30	2.70
64.0	0.07	0.08	0.07	3.46
128.0	0.01	0.02	0.01	3.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 162.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.58

16 162.44 3.58 342.11 102.34 25.608 6.782 1.8388 0.7113 0.3014 0.0750 0.0139

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C

1056 FT. SECTION BEGINS 3043 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.27 IN. AT 137.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	73.80	68.43	71.11	2.83
1.0	21.67	20.30	20.98	3.15
2.0	6.82	5.90	6.36	3.66
4.0	3.21	2.60	2.91	3.18
8.0	1.24	1.28	1.26	2.90
16.0	0.50	0.64	0.57	2.89
32.0	0.28	0.36	0.32	2.61
64.0	0.13	0.15	0.14	2.66
128.0	0.03	0.03	0.03	3.23

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 70.66

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.31

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.89

16 70.66 3.89 71.11 20.98 6.362 2.906 1.2567 0.5695 0.3166 0.1364 0.0293

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, D

1056 FT. SECTION BEGINS 4099 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 912.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.38	61.38	60.38	2.95
1.0	17.04	18.32	17.68	3.38
2.0	5.02	5.32	5.17	4.07
4.0	2.19	2.05	2.12	3.84
8.0	0.76	0.78	0.77	3.64
16.0	0.27	0.31	0.29	3.79
32.0	0.13	0.15	0.14	3.78
64.0	0.08	0.08	0.08	3.42
128.0	0.02	0.02	0.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

16 37.80 4.19 60.38 17.68 5.174 2.118 0.7712 0.2912 0.1398 0.0779 0.0210

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND,INSIDE LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 5155 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 1035.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.56	59.31	56.43	3.00
1.0	15.80	17.63	16.71	3.44
2.0	4.93	5.08	5.01	4.13
4.0	2.24	2.08	2.16	3.80
8.0	0.99	0.94	0.96	3.34
16.0	0.43	0.45	0.44	3.27
32.0	0.23	0.24	0.23	3.11
64.0	0.11	0.12	0.11	2.93
128.0	0.02	0.02	0.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.90

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

16 47.27 4.20 56.43 16.71 5.006 2.157 0.9617 0.4428 0.2345 0.1140 0.0207

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND,INSIDE LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 6211 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 472.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	55.06	57.80	56.43	3.00
1.0	15.78	16.84	16.31	3.47
2.0	5.00	4.90	4.95	4.15
4.0	2.41	2.15	2.28	3.70
8.0	1.22	1.18	1.20	2.99
16.0	0.66	0.71	0.69	2.57
32.0	0.38	0.38	0.38	2.27
64.0	0.18	0.17	0.17	2.28
128.0	0.05	0.05	0.05	2.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.52

16 63.77 3.52 56.43 16.31 4.952 2.279 1.1980 0.6867 0.3822 0.1717 0.0494

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, G

1056 FT. SECTION BEGINS 7267 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 444.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	52.17	58.27	55.22	3.01
1.0	14.96	16.98	15.97	3.50
2.0	4.85	4.97	4.91	4.17
4.0	2.28	2.02	2.15	3.81
8.0	0.96	0.92	0.94	3.37
16.0	0.44	0.46	0.45	3.26
32.0	0.25	0.25	0.25	3.03
64.0	0.11	0.12	0.12	2.91
128.0	0.04	0.04	0.04	2.86

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.33

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.90

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.76

16 47.33 3.76 55.22 15.97 4.909 2.147 0.9377 0.4477 0.2466 0.1160 0.0396

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, H

1056 FT. SECTION BEGINS 8323 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 996.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.83	57.59	55.71	3.01
1.0	15.53	16.83	16.18	3.48
2.0	4.89	4.95	4.92	4.16
4.0	2.13	2.10	2.11	3.84
8.0	0.87	0.98	0.93	3.39
16.0	0.47	0.55	0.51	3.07
32.0	0.26	0.27	0.26	2.93
64.0	0.13	0.13	0.13	2.77
128.0	0.04	0.04	0.04	2.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 50.07

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.82

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.76

16 50.07 3.76 55.71 16.18 4.922 2.113 0.9295 0.5088 0.2627 0.1273 0.0400

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND,INSIDE LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9379 FT. FROM MARK O IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.40 IN. AT 648.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	51.18	75.76	63.47	2.92
1.0	15.10	20.87	17.98	3.35
2.0	4.94	5.97	5.45	3.97
4.0	2.26	2.28	2.27	3.70
8.0	0.90	0.97	0.94	3.38
16.0	0.41	0.47	0.44	3.28
32.0	0.26	0.27	0.27	2.91
64.0	0.13	0.14	0.14	2.67
128.0	0.03	0.03	0.03	3.04

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.63

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

16 49.63 3.86 63.47 17.98 5.454 2.270 0.9365 0.4412 0.2657 0.1354 0.0344

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND,INSIDE LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10435 FT. FROM MARK O IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.49 IN. AT 442.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.65	75.42	64.53	2.90
1.0	16.17	21.39	18.78	3.30
2.0	5.50	6.05	5.78	3.86
4.0	2.66	2.53	2.59	3.43
8.0	1.27	1.29	1.28	2.87
16.0	0.72	0.72	0.72	2.49
32.0	0.41	0.40	0.41	2.16
64.0	0.12	0.12	0.12	2.85
128.0	0.03	0.03	0.03	3.29

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 72.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.97

16 72.44 3.97 64.53 18.78 5.775 2.595 1.2823 0.7189 0.4050 0.1207 0.0277

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND,INSIDE LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS11491 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 408.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	52.85	58.14	55.50	3.01
1.0	15.76	17.66	16.71	3.44
2.0	5.21	5.24	5.22	4.05
4.0	2.49	2.18	2.34	3.65
8.0	1.12	1.05	1.08	3.16
16.0	0.62	0.60	0.61	2.77
32.0	0.34	0.32	0.33	2.54
64.0	0.13	0.12	0.13	2.79
128.0	0.02	0.02	0.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

16 60.65 4.13 55.50 16.71 5.225 2.336 1.0807 0.6098 0.3293 0.1259 0.0225

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND,INSIDE LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS12547 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.19 IN. AT 514.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	52.07	59.23	55.65	3.01
1.0	15.44	17.08	16.26	3.48
2.0	4.70	5.11	4.91	4.17
4.0	2.29	2.29	2.29	3.69
8.0	1.18	1.24	1.21	2.96
16.0	0.72	0.77	0.75	2.41
32.0	0.43	0.43	0.43	2.04
64.0	0.17	0.17	0.17	2.29
128.0	0.03	0.03	0.03	3.13

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 67.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.39

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.92

16 67.57 3.92 55.65 16.26 4.906 2.289 1.2134 0.7493 0.4324 0.1715 0.0319

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, M

1056 FT. SECTION BEGINS 13603 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.82 IN. AT 843.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.31	99.11	79.21	2.73
1.0	17.76	27.08	22.42	3.06
2.0	5.97	7.74	6.86	3.49
4.0	2.75	2.85	2.80	3.26
8.0	1.07	1.16	1.11	3.11
16.0	0.42	0.51	0.46	3.21
32.0	0.25	0.27	0.26	2.95
64.0	0.15	0.14	0.15	2.56
128.0	0.04	0.04	0.04	2.96

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.33

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.73

16 62.33 3.73 79.21 22.42 6.858 2.800 1.1140 0.4636 0.2596 0.1458 0.0366

IH-37-4 SAN ANTONIO FEB'86 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, N

1056 FT. SECTION BEGINS 14659 FT. FROM MARK 0 IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.50 IN. AT 127.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.03	84.02	71.53	2.82
1.0	17.98	25.39	21.69	3.11
2.0	5.34	6.67	6.00	3.78
4.0	1.99	2.19	2.09	3.87
8.0	0.68	0.81	0.75	3.68
16.0	0.37	0.44	0.40	3.40
32.0	0.23	0.27	0.25	3.02
64.0	0.08	0.09	0.08	3.36
128.0	0.03	0.03	0.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 43.63

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.99

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.07

16 43.63 4.07 71.53 21.69 6.002 2.088 0.7484 0.4049 0.2490 0.0821 0.0263

IH-37-4 SAN ANTONIO FEB'86 NORTH-CTRL NORTHBOUND,INSIDE,BOTH PATHS,O

1056 FT. SECTION BEGINS16907 FT. FROM MARK O IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.65 IN. AT 814.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	78.90	174.61	126.76	2.25
1.0	21.02	56.56	38.79	2.16
2.0	6.12	14.43	10.27	2.52
4.0	1.67	3.80	2.73	3.31
8.0	0.54	1.03	0.78	3.62
16.0	0.27	0.35	0.31	3.72
32.0	0.16	0.16	0.16	3.63
64.0	0.07	0.07	0.07	3.51
128.0	0.02	0.02	0.02	3.72

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.77

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

16 52.29 4.17 126.76 38.79 10.273 2.735 0.7834 0.3117 0.1604 0.0715 0.0169

IH-37-4 SAN ANTONIO FEB'86 NORTH-CTRL NORTHBOUND,INSIDE,BOTH PATHS,P

928 FT. SECTION BEGINS17963 FT. FROM MARK O IN FILE 4

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.65 IN. AT 925.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.85	158.74	109.30	2.42
1.0	18.62	72.56	45.59	1.87
2.0	5.49	18.14	11.81	2.17
4.0	1.48	2.69	2.09	3.87
8.0	0.44	0.71	0.58	3.98
16.0	0.22	0.28	0.25	3.95
32.0	0.13	0.15	0.14	3.79
64.0	0.05	0.06	0.06	3.73
128.0	0.01	0.01	0.01	4.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.41

16 34.68 4.41 109.30 45.59 11.815 2.085 0.5767 0.2486 0.1386 0.0570 0.0099

IH-37-5 SAN ANTONIO FEB'86 SOUTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.66 IN. AT 735.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	191.47	215.54	203.51	1.64
1.0	64.17	67.88	66.02	1.22
2.0	17.89	17.08	17.48	1.26
4.0	4.56	4.52	4.54	2.12
8.0	1.40	1.38	1.39	2.73
16.0	0.62	0.57	0.60	2.80
32.0	0.31	0.27	0.29	2.78
64.0	0.12	0.11	0.11	2.95
128.0	0.03	0.02	0.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 107.64

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

16 107.64 3.66 203.51 66.02 17.484 4.541 1.3871 0.5987 0.2874 0.1130 0.0263

IH-37-5 SAN ANTONIO FEB'86 SOUTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.85 IN. AT 66.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	273.74	351.46	312.60	1.06
1.0	101.67	91.83	96.75	0.64
2.0	28.49	22.73	25.61	0.58
4.0	7.34	6.11	6.72	1.23
8.0	2.02	1.66	1.84	2.20
16.0	0.68	0.58	0.63	2.72
32.0	0.26	0.23	0.25	3.04
64.0	0.08	0.07	0.07	3.47
128.0	0.02	0.02	0.02	3.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 156.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.79

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.53

16 156.42 3.53 312.60 96.75 25.610 6.723 1.8367 0.6279 0.2450 0.0748 0.0166

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 3043 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.51 IN. AT 134.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	82.62	66.51	74.56	2.79
1.0	23.18	20.39	21.79	3.10
2.0	6.55	6.43	6.49	3.61
4.0	2.68	2.62	2.65	3.38
8.0	0.94	1.03	0.99	3.30
16.0	0.34	0.36	0.35	3.58
32.0	0.20	0.21	0.20	3.33
64.0	0.10	0.10	0.10	3.06
128.0	0.02	0.02	0.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.76

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.07

16 52.70 4.07 74.56 21.79 6.491 2.652 0.9871 0.3506 0.2024 0.1038 0.0227

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 4099 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 793.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	63.54	59.27	61.40	2.94
1.0	17.77	17.35	17.56	3.38
2.0	5.32	5.29	5.31	4.02
4.0	2.38	2.17	2.28	3.70
8.0	0.83	0.76	0.79	3.60
16.0	0.27	0.22	0.25	3.94
32.0	0.12	0.11	0.12	3.95
64.0	0.08	0.07	0.07	3.50
128.0	0.02	0.02	0.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 38.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.12

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

16 38.87 4.17 61.40 17.56 5.309 2.277 0.7944 0.2494 0.1186 0.0727 0.0211

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 5155 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.40 IN. AT 114.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.78	70.19	64.99	2.90
1.0	17.54	19.94	18.74	3.30
2.0	5.43	5.94	5.69	3.89
4.0	2.44	2.51	2.47	3.53
8.0	1.00	1.02	1.01	3.26
16.0	0.39	0.36	0.38	3.48
32.0	0.21	0.20	0.21	3.28
64.0	0.12	0.11	0.11	2.93
128.0	0.02	0.02	0.02	3.60

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 50.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.81

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

16 50.45 4.17 64.99 18.74 5.687 2.473 1.0134 0.3786 0.2095 0.1138 0.0198

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 6211 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 637.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	60.65	59.32	59.98	2.96
1.0	17.85	17.74	17.79	3.37
2.0	5.81	5.57	5.69	3.89
4.0	2.74	2.68	2.71	3.33
8.0	1.28	1.31	1.29	2.85
16.0	0.69	0.66	0.68	2.60
32.0	0.43	0.41	0.42	2.11
64.0	0.19	0.18	0.18	2.18
128.0	0.05	0.05	0.05	2.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 72.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.44

16 72.51 3.44 59.98 17.79 5.691 2.712 1.2931 0.6759 0.4160 0.1826 0.0498

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7267 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 541.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	57.65	60.35	59.00	2.97
1.0	16.68	18.05	17.36	3.40
2.0	5.21	5.75	5.48	3.96
4.0	2.37	2.33	2.35	3.64
8.0	0.98	0.93	0.95	3.35
16.0	0.47	0.43	0.45	3.26
32.0	0.27	0.25	0.26	2.93
64.0	0.11	0.11	0.11	3.00
128.0	0.03	0.03	0.03	3.12

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 51.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.78

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

16 51.60 3.90 59.00 17.36 5.478 2.346 0.9511 0.4473 0.2621 0.1085 0.0323

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8323 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.14 IN. AT 206.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.58	59.77	59.18	2.97
1.0	17.99	18.42	18.21	3.34
2.0	6.41	6.02	6.21	3.71
4.0	2.73	2.49	2.61	3.42
8.0	0.94	0.93	0.93	3.38
16.0	0.43	0.42	0.43	3.33
32.0	0.24	0.25	0.25	3.02
64.0	0.11	0.12	0.11	2.93
128.0	0.03	0.03	0.03	3.12

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.05

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

16 56.05 3.86 59.18 18.21 6.212 2.609 0.9349 0.4257 0.2482 0.1144 0.0323

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9379 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.31 IN. AT 819.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.56	69.59	64.58	2.90
1.0	18.26	21.39	19.83	3.23
2.0	6.56	6.44	6.50	3.61
4.0	2.81	2.69	2.75	3.30
8.0	0.98	1.03	1.01	3.27
16.0	0.45	0.41	0.43	3.32
32.0	0.26	0.25	0.25	2.98
64.0	0.14	0.13	0.14	2.65
128.0	0.04	0.03	0.04	3.01

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.77

16 59.25 3.77 64.58 19.83 6.502 2.751 1.0058 0.4278 0.2548 0.1371 0.0351

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10435 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.46 IN. AT 612.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	54.47	72.89	63.68	2.91
1.0	16.80	20.79	18.80	3.30
2.0	6.05	6.13	6.09	3.75
4.0	2.72	2.55	2.63	3.39
8.0	1.21	1.21	1.21	2.97
16.0	0.74	0.69	0.72	2.49
32.0	0.43	0.40	0.41	2.13
64.0	0.15	0.14	0.14	2.60
128.0	0.03	0.03	0.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.08

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.95

16 73.08 3.95 63.68 18.80 6.090 2.634 1.2086 0.7154 0.4115 0.1418 0.0280

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS11491 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.11 IN. AT 166.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	54.36	57.33	55.84	3.01
1.0	16.44	17.26	16.85	3.43
2.0	5.87	5.33	5.60	3.92
4.0	2.70	2.32	2.51	3.50
8.0	1.17	1.13	1.15	3.06
16.0	0.71	0.65	0.68	2.58
32.0	0.38	0.35	0.36	2.36
64.0	0.15	0.14	0.15	2.54
128.0	0.03	0.02	0.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.48

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.37

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.01

16 68.48 4.01 55.84 16.85 5.602 2.512 1.1478 0.6809 0.3643 0.1469 0.0263

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS12547 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 292.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	60.19	61.39	60.79	2.95
1.0	18.10	18.50	18.30	3.33
2.0	6.52	5.87	6.20	3.71
4.0	3.22	2.67	2.94	3.15
8.0	1.27	1.22	1.25	2.92
16.0	0.71	0.63	0.67	2.61
32.0	0.43	0.40	0.41	2.12
64.0	0.17	0.17	0.17	2.31
128.0	0.03	0.03	0.03	3.17

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 77.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.85

16 77.20 3.85 60.79 18.30 6.197 2.941 1.2480 0.6713 0.4146 0.1695 0.0308

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13603 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.89 IN. AT 1045.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	75.81	103.11	89.46	2.62
1.0	22.09	30.70	26.40	2.81
2.0	6.30	8.69	7.50	3.29
4.0	2.65	3.11	2.88	3.20
8.0	0.93	1.15	1.04	3.22
16.0	0.39	0.40	0.40	3.43
32.0	0.27	0.27	0.27	2.88
64.0	0.17	0.16	0.16	2.38
128.0	0.04	0.04	0.04	2.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

16 60.25 3.66 89.46 26.40 7.495 2.882 1.0400 0.3959 0.2701 0.1622 0.0388

IH-37-5 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14659 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.40 IN. AT 638.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.38	76.58	67.48	2.87
1.0	18.18	21.47	19.82	3.23
2.0	5.53	5.83	5.68	3.89
4.0	1.99	2.13	2.06	3.89
8.0	0.65	0.80	0.72	3.72
16.0	0.26	0.28	0.27	3.86
32.0	0.14	0.15	0.14	3.76
64.0	0.05	0.05	0.05	3.79
128.0	0.02	0.02	0.02	3.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.39

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

16 35.39 4.18 67.48 19.82 5.678 2.058 0.7233 0.2716 0.1436 0.0534 0.0219

IH-37-5 SAN ANTONIO FEB'86 NORTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,0

1056 FT. SECTION BEGINS16907 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.61 IN. AT 1010.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	92.13	159.90	126.01	2.26
1.0	32.32	51.32	41.82	2.03
2.0	7.86	13.22	10.54	2.46
4.0	2.15	3.44	2.79	3.26
8.0	0.64	0.97	0.80	3.59
16.0	0.26	0.33	0.29	3.78
32.0	0.16	0.17	0.17	3.59
64.0	0.08	0.07	0.08	3.46
128.0	0.02	0.02	0.02	3.68

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.76

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

16 52.60 4.13 126.01 41.82 10.541 2.795 0.8045 0.2943 0.1656 0.0755 0.0179

IH-37-5 SAN ANTONIO FEB'86 NORTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,P

913 FT. SECTION BEGINS17963 FT. FROM MARK 0 IN FILE 5

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.93 IN. AT 890.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	86.77	109.22	97.99	2.53
1.0	31.89	23.39	27.64	2.74
2.0	9.71	6.39	8.05	3.12
4.0	2.35	1.86	2.10	3.85
8.0	0.65	0.58	0.61	3.92
16.0	0.27	0.24	0.26	3.91
32.0	0.14	0.13	0.13	3.83
64.0	0.06	0.06	0.06	3.68
128.0	0.01	0.01	0.01	3.91

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.61

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

16 35.61 4.37 97.99 27.64 8.053 2.102 0.6108 0.2586 0.1341 0.0602 0.0125

IH-37-6 SAN ANTONIO FEB'86 SOUTH-CTRL NORTHBOUND,OUTSIDE,BOTH PATHS.A

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.92 IN. AT 753.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	238.67	428.84	333.75	0.97
1.0	66.96	136.20	101.58	0.58
2.0	16.64	36.70	26.67	0.53
4.0	4.67	9.68	7.18	1.10
8.0	1.42	2.63	2.03	2.01
16.0	0.58	0.72	0.65	2.66
32.0	0.28	0.26	0.27	2.88
64.0	0.11	0.10	0.10	3.07
128.0	0.03	0.02	0.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 167.47

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.28

16 167.47 3.28 333.75 101.58 26.671 7.176 2.0271 0.6503 0.2710 0.1030 0.0241

IH-37-6 SAN ANTONIO FEB'86 SOUTH-CTRL NORTHBOUND,OUTSIDE,BOTH PATHS.B

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.01 IN. AT 83.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	313.23	239.87	276.55	1.22
1.0	105.30	71.17	88.23	0.77
2.0	25.85	17.56	21.71	0.84
4.0	6.85	4.66	5.76	1.56
8.0	2.00	1.32	1.66	2.40
16.0	0.73	0.55	0.64	2.69
32.0	0.28	0.24	0.26	2.95
64.0	0.10	0.08	0.09	3.27
128.0	0.03	0.03	0.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 136.28

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.46

16 136.28 3.46 276.55 88.23 21.706 5.759 1.6605 0.6398 0.2590 0.0885 0.0262

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,C

1056 FT. SECTION BEGINS 3043 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.74 IN. AT 187.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	78.98	104.25	91.62	2.60
1.0	23.55	28.24	25.90	2.84
2.0	6.94	7.36	7.15	3.40
4.0	2.93	2.66	2.80	3.26
8.0	1.09	1.00	1.05	3.21
16.0	0.39	0.35	0.37	3.52
32.0	0.22	0.22	0.22	3.22
64.0	0.10	0.10	0.10	3.10
128.0	0.02	0.02	0.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.02

16 56.79 4.02 91.62 25.90 7.151 2.798 1.0477 0.3669 0.2176 0.1012 0.0238

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,D

1056 FT. SECTION BEGINS 4099 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.08 IN. AT 668.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	58.80	57.42	58.11	2.98
1.0	16.91	17.06	16.99	3.42
2.0	5.03	5.03	5.03	4.12
4.0	2.18	2.20	2.19	3.77
8.0	0.85	0.90	0.88	3.47
16.0	0.25	0.26	0.26	3.91
32.0	0.13	0.13	0.13	3.86
64.0	0.07	0.07	0.07	3.51
128.0	0.02	0.02	0.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

16 37.51 4.19 58.11 16.99 5.030 2.192 0.8766 0.2579 0.1305 0.0719 0.0207

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,E

1056 FT. SECTION BEGINS 5155 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.19 IN. AT 115.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.82	60.36	60.09	2.96
1.0	17.13	18.01	17.57	3.38
2.0	5.32	5.38	5.35	4.01
4.0	2.42	2.41	2.42	3.58
8.0	0.99	1.11	1.05	3.20
16.0	0.37	0.35	0.36	3.55
32.0	0.23	0.22	0.22	3.19
64.0	0.12	0.12	0.12	2.86
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

16 48.22 4.14 60.09 17.57 5.352 2.419 1.0505 0.3601 0.2218 0.1195 0.0215

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,F

1056 FT. SECTION BEGINS 6211 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.08 IN. AT 589.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	57.68	118.19	87.94	2.64
1.0	17.00	31.12	24.06	2.96
2.0	5.54	8.37	6.95	3.46
4.0	2.69	2.98	2.83	3.23
8.0	1.28	1.32	1.30	2.85
16.0	0.69	0.66	0.67	2.61
32.0	0.44	0.41	0.42	2.07
64.0	0.21	0.19	0.20	2.03
128.0	0.05	0.05	0.05	2.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.22

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.46

16 74.89 3.46 87.94 24.06 6.954 2.834 1.2998 0.6713 0.4250 0.1986 0.0480

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,G

1056 FT. SECTION BEGINS 7267 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 108.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	53.54	56.10	54.82	3.02
1.0	15.64	16.79	16.22	3.48
2.0	4.87	4.92	4.90	4.17
4.0	2.23	2.09	2.16	3.80
8.0	0.99	0.98	0.99	3.30
16.0	0.51	0.49	0.50	3.09
32.0	0.31	0.29	0.30	2.70
64.0	0.13	0.11	0.12	2.85
128.0	0.03	0.03	0.03	3.14

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 50.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.81

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.94

16 50.54 3.94 54.82 16.22 4.898 2.159 0.9864 0.4995 0.3002 0.1204 0.0318

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,H

1056 FT. SECTION BEGINS 8323 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 92.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	55.77	60.03	57.90	2.98
1.0	16.42	17.37	16.89	3.43
2.0	5.62	5.41	5.52	3.95
4.0	2.66	2.46	2.56	3.46
8.0	1.06	1.07	1.06	3.18
16.0	0.42	0.43	0.43	3.33
32.0	0.21	0.21	0.21	3.26
64.0	0.09	0.09	0.09	3.29
128.0	0.03	0.03	0.03	3.33

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.00

16 54.93 4.00 57.90 16.89 5.515 2.556 1.0627 0.4261 0.2123 0.0873 0.0265

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,I

1056 FT. SECTION BEGINS 9379 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.13 IN. AT 262.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	61.17	60.67	60.92	2.95
1.0	18.16	17.59	17.87	3.36
2.0	6.42	5.55	5.98	3.79
4.0	3.29	2.40	2.85	3.22
8.0	1.21	0.96	1.09	3.15
16.0	0.42	0.40	0.41	3.38
32.0	0.27	0.25	0.26	2.95
64.0	0.13	0.14	0.13	2.68
128.0	0.03	0.04	0.03	3.05

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.33

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.79

16 60.33 3.79 60.92 17.87 5.985 2.848 1.0852 0.4101 0.2590 0.1348 0.0341

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,J

1056 FT. SECTION BEGINS 10435 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.56 IN. AT 614.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	59.03	80.60	69.82	2.84
1.0	19.24	23.25	21.24	3.14
2.0	6.95	7.43	7.19	3.39
4.0	3.03	2.83	2.93	3.16
8.0	1.36	1.22	1.29	2.86
16.0	0.75	0.71	0.73	2.46
32.0	0.42	0.41	0.41	2.12
64.0	0.17	0.16	0.16	2.37
128.0	0.04	0.03	0.03	3.04

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 80.31

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.10

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.76

16 80.31 3.76 69.82 21.24 7.188 2.929 1.2895 0.7304 0.4142 0.1629 0.0344

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,K

1056 FT. SECTION BEGINS11491 FT. FROM MARK O IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.12 IN. AT 1014.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	56.64	61.42	59.03	2.97
1.0	17.72	19.12	18.42	3.32
2.0	6.04	6.34	6.19	3.72
4.0	2.87	2.73	2.80	3.26
8.0	1.36	1.27	1.32	2.82
16.0	0.76	0.72	0.74	2.43
32.0	0.38	0.37	0.37	2.31
64.0	0.18	0.16	0.17	2.30
128.0	0.03	0.03	0.03	3.14

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 78.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.14

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.85

16 78.16 3.85 59.03 18.42 6.190 2.800 1.3176 0.7416 0.3731 0.1699 0.0315

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,L

1056 FT. SECTION BEGINS12547 FT. FROM MARK O IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.10 IN. AT 896.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	54.91	60.85	57.88	2.98
1.0	16.92	18.92	17.92	3.36
2.0	6.06	6.75	6.40	3.64
4.0	3.00	3.14	3.07	3.05
8.0	1.44	1.32	1.38	2.74
16.0	0.71	0.68	0.70	2.54
32.0	0.43	0.42	0.42	2.08
64.0	0.16	0.16	0.16	2.43
128.0	0.02	0.03	0.03	3.39

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.38

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.96

16 81.38 3.96 57.88 17.92 6.405 3.070 1.3800 0.6959 0.4234 0.1579 0.0251

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,M

1056 FT. SECTION BEGINS13603 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.16 IN. AT 1020.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	128.41	70.15	99.28	2.52
1.0	49.67	21.99	35.83	2.31
2.0	13.29	6.80	10.04	2.58
4.0	4.35	2.96	3.66	2.64
8.0	1.54	1.11	1.33	2.81
16.0	0.54	0.41	0.48	3.17
32.0	0.30	0.27	0.28	2.80
64.0	0.17	0.16	0.17	2.34
128.0	0.04	0.04	0.04	2.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.54

16 81.54 3.54 99.28 35.83 10.044 3.658 1.3258 0.4753 0.2840 0.1664 0.0385

IH-37-6 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,N

1056 FT. SECTION BEGINS14659 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.42 IN. AT 131.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	62.59	75.46	69.02	2.85
1.0	17.59	22.26	19.92	3.22
2.0	4.53	6.37	5.45	3.97
4.0	1.60	2.16	1.88	4.06
8.0	0.59	0.70	0.64	3.86
16.0	0.33	0.28	0.30	3.74
32.0	0.16	0.13	0.15	3.73
64.0	0.07	0.06	0.07	3.59
128.0	0.02	0.02	0.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

16 33.40 4.21 69.02 19.92 5.449 1.879 0.6442 0.3043 0.1470 0.0661 0.0216

IH-37-6 SAN ANTONIO FEB'86 NORTH-CTRL NORTHBOUND,OUTSIDE,BOTH PATHS,0

1056 FT. SECTION BEGINS16907 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.91 IN. AT 969.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	69.90	112.39	91.15	2.60
1.0	23.05	34.26	28.65	2.68
2.0	6.52	9.11	7.82	3.19
4.0	1.86	2.42	2.14	3.82
8.0	0.64	0.82	0.73	3.71
16.0	0.35	0.35	0.35	3.58
32.0	0.20	0.18	0.19	3.40
64.0	0.09	0.08	0.09	3.29
128.0	0.02	0.02	0.02	3.57

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 41.62

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.05

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

16 41.62 4.18 91.15 28.65 7.816 2.140 0.7289 0.3500 0.1919 0.0869 0.0206

IH-37-6 SAN ANTONIO FEB'86 NORTH-CTRL NORTHBOUND,OUTSIDE,BOTH PATHS,P

876 FT. SECTION BEGINS17963 FT. FROM MARK 0 IN FILE 6

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.85 IN. AT 873.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	101.78	83.35	92.57	2.59
1.0	31.27	23.37	27.32	2.76
2.0	7.62	6.18	6.90	3.48
4.0	1.70	1.82	1.76	4.17
8.0	0.62	0.63	0.63	3.89
16.0	0.32	0.29	0.30	3.74
32.0	0.17	0.15	0.16	3.65
64.0	0.08	0.07	0.07	3.50
128.0	0.02	0.01	0.01	3.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

16 30.75 4.38 92.57 27.32 6.901 1.757 0.6256 0.3044 0.1576 0.0726 0.0144

MCMULLEN1 SAN ANTONIO FEB'86 CTRL SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM861

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.30 IN. AT 261.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	223.18	105.69	164.44	1.93
1.0	65.66	32.62	49.14	1.74
2.0	16.12	9.78	12.95	1.95
4.0	4.86	3.77	4.32	2.24
8.0	2.02	1.83	1.92	2.11
16.0	1.06	0.91	0.99	1.90
32.0	0.62	0.54	0.58	1.50
64.0	0.25	0.25	0.25	1.61
128.0	0.06	0.06	0.06	2.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 124.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.02

3 124.77 3.02 164.44 49.14 12.951 4.316 1.9239 0.9852 0.5768 0.2523 0.0566

MCMULLEN1 SAN ANTONIO FEB'86 TEST SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM861

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.53 IN. AT 210.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	124.10	102.06	113.08	2.38
1.0	35.47	31.66	33.56	2.42
2.0	9.33	9.26	9.30	2.77
4.0	3.67	3.64	3.65	2.64
8.0	2.20	1.70	1.95	2.09
16.0	1.54	0.81	1.18	1.57
32.0	0.73	0.36	0.55	1.59
64.0	0.24	0.17	0.20	1.98
128.0	0.05	0.04	0.05	2.64

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 121.28

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.31

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.37

3 121.28 3.37 113.08 33.56 9.296 3.653 1.9500 1.1758 0.5478 0.2039 0.0465

MCMULLEN1 SAN ANTONIO FEB'86 CTRL SOUTHBOUND,OUTSIDE LANE,BOTH PATHS,C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM861

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.85 IN. AT 585.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	181.94	134.21	158.08	1.98
1.0	58.08	41.74	49.91	1.71
2.0	15.76	14.01	14.88	1.62
4.0	4.92	4.46	4.69	2.04
8.0	1.81	1.89	1.85	2.19
16.0	1.06	0.89	0.98	1.92
32.0	0.55	0.39	0.47	1.89
64.0	0.16	0.13	0.14	2.59
128.0	0.03	0.03	0.03	3.13

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 132.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.13

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.53

3 132.29 3.53 158.08 49.91 14.884 4.688 1.8540 0.9765 0.4679 0.1431 0.0318

MCMULLEN2 SAN ANTONIO FEB'86 CTRL NORTHBOUND,OUTSIDE LANE,BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM862

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.23 IN. AT 373.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	211.72	194.26	202.99	1.65
1.0	58.16	68.94	63.55	1.28
2.0	21.13	24.96	23.05	0.74
4.0	9.29	7.38	8.34	0.83
8.0	3.06	1.73	2.40	1.69
16.0	1.05	0.58	0.82	2.26
32.0	0.49	0.33	0.41	2.15
64.0	0.21	0.16	0.18	2.17
128.0	0.04	0.03	0.03	3.04

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 201.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.91

3 201.96 2.91 202.99 63.55 23.046 8.338 2.3959 0.8154 0.4066 0.1839 0.0344

MCMULLEN2 SAN ANTONIO FEB'86 TEST NORTHBOUND,OUTSIDE LANE,BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM862

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.99 IN. AT 148.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	213.18	70.31	141.74	2.12
1.0	51.40	19.88	35.64	2.31
2.0	14.29	6.14	10.22	2.54
4.0	4.16	2.10	3.13	3.01
8.0	1.40	0.92	1.16	3.04
16.0	0.80	0.60	0.70	2.53
32.0	0.43	0.36	0.39	2.22
64.0	0.13	0.10	0.11	2.93
128.0	0.05	0.04	0.04	2.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.97

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.04

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.55

3 82.97 3.55 141.74 35.64 10.216 3.127 1.1570 0.7021 0.3916 0.1143 0.0413

MCMULLEN2 SAN ANTONIO FEB'86 CTRL NORTHBOUND,OUTSIDE LANE,BOTH PATHS,C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM862

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.80 IN. AT 543.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	197.13	89.31	143.22	2.10
1.0	58.66	27.00	42.83	1.99
2.0	18.33	8.53	13.43	1.86
4.0	5.03	3.06	4.05	2.40
8.0	1.87	1.22	1.54	2.54
16.0	1.05	0.75	0.90	2.08
32.0	0.67	0.48	0.57	1.51
64.0	0.23	0.18	0.20	1.98
128.0	0.05	0.04	0.04	2.79

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 113.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.43

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.39

3 113.90 3.39 143.22 42.83 13.430 4.047 1.5415 0.8965 0.5740 0.2048 0.0418

MCMULLEN3 SAN ANTONIO FEB'86 CTRL SOUTHBOUND,CENTER LANE, BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM863

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.97 IN. AT 71.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	169.52	304.03	236.78	1.44
1.0	53.78	66.66	60.22	1.38
2.0	12.81	19.75	16.28	1.41
4.0	3.95	4.53	4.24	2.28
8.0	1.23	1.47	1.35	2.78
16.0	0.61	0.56	0.59	2.83
32.0	0.38	0.34	0.36	2.38
64.0	0.18	0.16	0.17	2.32
128.0	0.04	0.04	0.04	2.91

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 100.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.68

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.43

3 100.55 3.43 236.78 60.22 16.283 4.240 1.3504 0.5885 0.3594 0.1682 0.0383

MCMULLEN3 SAN ANTONIO FEB'86 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM863

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.43 IN. AT 433.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	116.13	79.66	97.90	2.53
1.0	33.95	22.75	28.35	2.70
2.0	9.84	6.07	7.95	3.15
4.0	2.84	2.06	2.45	3.55
8.0	0.86	0.82	0.84	3.54
16.0	0.46	0.52	0.49	3.13
32.0	0.30	0.34	0.32	2.60
64.0	0.16	0.17	0.17	2.32
128.0	0.03	0.03	0.03	3.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.19

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.83

3 56.19 3.83 97.90 28.35 7.955 2.448 0.8351 0.4889 0.3189 0.1682 0.0339

MCMULLEN3 SAN ANTONIO FEB'86 CTRL SOUTHBOUND,CENTER LANE, BOTH PATHS,C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM863

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.66 IN. AT 233.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	233.27	214.74	224.00	1.51
1.0	70.90	72.60	71.75	1.08
2.0	17.93	20.62	19.27	1.06
4.0	6.09	6.07	6.08	1.45
8.0	2.26	2.04	2.15	1.90
16.0	1.05	0.86	0.95	1.96
32.0	0.48	0.43	0.46	1.94
64.0	0.18	0.17	0.17	2.28
128.0	0.05	0.04	0.04	2.77

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 160.94

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.73

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.06

3 160.94 3.06 224.00 71.75 19.275 6.075 2.1508 0.9532 0.4560 0.1724 0.0423

MCMULLEN4 SAN ANTONIO FEB'86 CTRL NORTHBOUND,CENTER LANE, BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM864

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.90 IN. AT 366.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	248.07	112.69	180.38	1.81
1.0	65.92	28.00	46.96	1.82
2.0	18.47	8.04	13.26	1.89
4.0	5.22	2.84	4.03	2.41
8.0	1.35	0.93	1.14	3.07
16.0	0.49	0.32	0.40	3.40
32.0	0.24	0.19	0.22	3.22
64.0	0.13	0.11	0.12	2.87
128.0	0.04	0.03	0.03	3.04

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 85.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.57

3 85.55 3.57 180.38 46.96 13.257 4.030 1.1390 0.4046 0.2176 0.1188 0.0344

MCMULLEN4 SAN ANTONIO FEB'86 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM864

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.57 IN. AT 17.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	190.69	74.21	132.45	2.20
1.0	49.96	22.01	35.98	2.30
2.0	12.65	6.67	9.66	2.68
4.0	3.47	2.17	2.82	3.25
8.0	1.18	0.99	1.08	3.15
16.0	0.61	0.61	0.61	2.78
32.0	0.37	0.39	0.38	2.26
64.0	0.13	0.16	0.14	2.59
128.0	0.03	0.03	0.03	3.26

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 70.94

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.31

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.89

3 70.94 3.89 132.45 35.98 9.659 2.816 1.0845 0.6084 0.3846 0.1427 0.0285

MCMULLEN4 SAN ANTONIO FEB'86 CTRL NORTHBOUND,CENTER LANE, BOTH PATHS,C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM864

GAINR: 1000.0 GAINL: 1000.0

STEP: 2.19 IN. AT 536.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	243.86	427.01	335.43	0.96
1.0	64.94	120.55	92.74	0.70
2.0	17.46	31.01	24.23	0.66
4.0	4.38	7.36	5.87	1.52
8.0	1.35	2.14	1.74	2.31
16.0	0.70	0.76	0.73	2.46
32.0	0.41	0.40	0.40	2.16
64.0	0.16	0.15	0.16	2.45
128.0	0.03	0.03	0.03	3.22

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 143.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.96

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.35

3 143.86 3.35 335.43 92.74 24.234 5.872 1.7413 0.7304 0.4048 0.1551 0.0295

MCMULLEN5 SAN ANTONIO FEB'86 CTRL SOUTHBOUND,INSIDE, BOTH PATHS,A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM865

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.19 IN. AT 433.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	89.85	82.66	86.26	2.66
1.0	25.03	23.69	24.36	2.94
2.0	6.89	7.39	7.14	3.40
4.0	2.44	2.90	2.67	3.36
8.0	0.88	1.10	0.99	3.30
16.0	0.45	0.60	0.53	3.01
32.0	0.26	0.30	0.28	2.82
64.0	0.12	0.10	0.11	2.98
128.0	0.02	0.02	0.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.04

3 63.14 4.04 86.26 24.36 7.139 2.671 0.9861 0.5267 0.2815 0.1102 0.0237

MCMULLEN5 SAN ANTONIO FEB'86 TEST SOUTHBOUND,INSIDE, BOTH PATHS,B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM865

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.16 IN. AT 62.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	91.57	76.31	83.94	2.68
1.0	25.28	22.54	23.91	2.97
2.0	7.05	6.61	6.83	3.50
4.0	2.22	2.31	2.27	3.71
8.0	0.88	0.95	0.91	3.41
16.0	0.59	0.66	0.62	2.73
32.0	0.42	0.47	0.44	1.99
64.0	0.22	0.23	0.22	1.82
128.0	0.04	0.04	0.04	2.82

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.97

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.57

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.70

3 59.97 3.70 83.94 23.91 6.831 2.267 0.9147 0.6242 0.4432 0.2242 0.0407

MCMULLEN5 SAN ANTONIO FEB'86 CTRL SOUTHBOUND, INSIDE, BOTH PATHS, C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM865

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.13 IN. AT 236.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	153.14	100.33	126.73	2.25
1.0	45.91	27.00	36.46	2.27
2.0	11.99	8.28	10.14	2.55
4.0	3.70	3.15	3.43	2.79
8.0	1.41	1.42	1.42	2.69
16.0	0.74	0.74	0.74	2.43
32.0	0.38	0.40	0.39	2.22
64.0	0.14	0.14	0.14	2.67
128.0	0.03	0.03	0.03	3.33

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 91.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.85

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.85

3 91.71 3.85 126.73 36.46 10.137 3.427 1.4153 0.7416 0.3919 0.1359 0.0266

MCMULLEN6 SAN ANTONIO FEB'86 CTRL NORTHBOUND, INSIDE, BOTH PATHS, A

590 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE MCM866

GAINR: 1000.0 GAINL: 1000.0

STEP: 0.81 IN. AT 558.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	163.20	78.79	120.99	2.30
1.0	42.51	21.59	32.05	2.50
2.0	11.04	5.90	8.47	3.00
4.0	2.95	2.15	2.55	3.46
8.0	0.85	0.95	0.90	3.43
16.0	0.40	0.49	0.45	3.26
32.0	0.24	0.29	0.26	2.94
64.0	0.10	0.11	0.10	3.05
128.0	0.03	0.03	0.03	3.22

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.94

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.92

3 55.94 3.92 120.99 32.05 8.472 2.551 0.9005 0.4455 0.2604 0.1047 0.0294

MCMULLEN6 SAN ANTONIO FEB'86 TEST NORTHBOUND, INSIDE, BOTH PATHS, B

590 FT. SECTION BEGINS 590 FT. FROM MARK 0 IN FILE MCM866

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.27 IN. AT 428.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	252.95	90.63	171.79	1.87
1.0	44.47	29.83	37.15	2.24
2.0	15.08	9.33	12.20	2.09
4.0	4.60	3.04	3.82	2.54
8.0	1.44	1.21	1.32	2.81
16.0	0.66	0.65	0.66	2.65
32.0	0.45	0.45	0.45	1.97
64.0	0.19	0.19	0.19	2.12
128.0	0.03	0.03	0.03	3.13

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 95.26

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.78

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

3 95.26 3.66 171.79 37.15 12.202 3.819 1.3229 0.6554 0.4471 0.1885 0.0320

MCMULLEN6 SAN ANTONIO FEB'86 CTRL NORTHBOUND, INSIDE, BOTH PATHS, C

590 FT. SECTION BEGINS 1180 FT. FROM MARK 0 IN FILE MCM866

GAINR: 1000.0 GAINL: 1000.0

STEP: 1.33 IN. AT 340.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
0.5	238.51	81.03	159.77	1.97
1.0	66.34	24.77	45.56	1.88
2.0	19.15	7.41	13.28	1.89
4.0	5.22	2.45	3.84	2.53
8.0	1.55	0.92	1.24	2.93
16.0	0.61	0.50	0.56	2.92
32.0	0.32	0.26	0.29	2.78
64.0	0.13	0.10	0.12	2.88
128.0	0.02	0.02	0.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 90.00

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.89

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.87

3 90.00 3.87 159.77 45.56 13.280 3.836 1.2391 0.5567 0.2876 0.1178 0.0225

APPENDIX 3

PROJECT 187-1

TEXAS TRANSPORTATION INSTITUTE

SERVICEABILITY INDEX VALUES

MOISTURE BARRIER SITES

AUGUST 1987

District 1 - IH-30

District 15 - IH-10
- IH-37
- General Mc Mullen
- US-281

District 24 - IH-10

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, XN1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISXN37

STEP: .26 IN. AT 3.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.25	64.97	51.61	3.06
1.0	14.26	19.52	16.89	3.43
2.0	4.99	5.45	5.22	4.06
4.0	1.65	1.73	1.69	4.23
8.0	.66	.69	.67	3.81
16.0	.36	.40	.38	3.47
32.0	.24	.26	.25	3.00
64.0	.13	.14	.13	2.71
128.0	.02	.02	.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.74

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

33.74 4.21 51.61 16.89 5.221 1.689 .6718 .3827 .2510 .1326 .0227

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, XN2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ISXN37

STEP: .28 IN. AT 58.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.23	60.80	50.01	3.08
1.0	14.48	17.77	16.13	3.49
2.0	5.28	5.98	5.63	3.91
4.0	2.24	2.72	2.48	3.53
8.0	1.16	1.23	1.20	2.99
16.0	.45	.52	.48	3.14
32.0	.21	.22	.21	3.25
64.0	.10	.08	.09	3.26
128.0	.02	.02	.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.52

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

56.52 4.22 50.01 16.13 5.625 2.476 1.1963 .4842 .2129 .0896 .0177

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISA.37

STEP: .07 IN. AT 220.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.40	54.66	42.03	3.18
1.0	11.14	14.61	12.88	3.72
2.0	4.93	4.40	4.67	4.26
4.0	2.56	1.81	2.19	3.78
8.0	1.04	.77	.90	3.43
16.0	.37	.38	.38	3.49
32.0	.20	.24	.22	3.22
64.0	.09	.11	.10	3.14
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 44.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

44.14 4.25 42.03 12.88 4.666 2.189 .9031 .3758 .2173 .0980 .0183

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ISA.37

STEP: .30 IN. AT 581.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	40.27	56.20	48.23	3.10
1.0	16.96	18.04	17.50	3.39
2.0	6.86	5.98	6.42	3.64
4.0	2.89	2.20	2.54	3.47
8.0	1.12	1.00	1.06	3.18
16.0	.48	.52	.50	3.09
32.0	.28	.29	.29	2.79
64.0	.14	.14	.14	2.62
128.0	.02	.02	.02	3.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

58.89 4.10 48.23 17.50 6.420 2.543 1.0616 .5006 .2861 .1403 .0222

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISB.37

STEP: .10 IN. AT 276.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.58	55.28	41.43	3.19
1.0	10.83	15.71	13.27	3.69
2.0	5.60	5.32	5.46	3.97
4.0	3.00	2.19	2.60	3.43
8.0	1.31	1.14	1.23	2.95
16.0	.68	.74	.71	2.51
32.0	.43	.47	.45	1.96
64.0	.19	.19	.19	2.10
128.0	.03	.04	.04	3.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.79

71.86 3.79 41.43 13.27 5.457 2.597 1.2252 .7081 .4498 .1911 .0354

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ISB.37

STEP: .07 IN. AT 301.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.18	54.44	41.31	3.19
1.0	10.49	15.28	12.88	3.72
2.0	4.98	4.57	4.78	4.22
4.0	2.50	1.77	2.14	3.82
8.0	.96	.85	.90	3.43
16.0	.41	.45	.43	3.32
32.0	.23	.25	.24	3.08
64.0	.10	.12	.11	2.98
128.0	.02	.02	.02	3.68

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 46.03

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

46.03 4.26 41.31 12.88 4.777 2.136 .9039 .4289 .2396 .1101 .0179

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISC.37

STEP: .10 IN. AT 225.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.33	53.53	41.43	3.19
1.0	11.39	15.84	13.61	3.67
2.0	5.74	5.17	5.46	3.97
4.0	3.04	2.24	2.64	3.39
8.0	1.28	1.16	1.22	2.96
16.0	.66	.65	.65	2.66
32.0	.31	.31	.31	2.65
64.0	.10	.09	.10	3.17
128.0	.02	.02	.02	3.53

NO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.66

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

69.66 4.11 41.43 13.61 5.456 2.641 1.2179 .6524 .3096 .0958 .0215

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ISC.37

STEP: .09 IN. AT 689.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.72	58.63	44.17	3.15
1.0	10.28	15.82	13.05	3.71
2.0	4.85	4.97	4.91	4.17
4.0	2.75	2.22	2.48	3.52
8.0	1.17	1.08	1.13	3.09
16.0	.56	.57	.56	2.91
32.0	.29	.23	.26	2.95
64.0	.13	.09	.11	2.96
128.0	.03	.02	.03	3.37

NO (MRM SIMSTAT) (COUNTS/.2 MILE): 61.15

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.04

61.15 4.04 44.17 13.05 4.911 2.485 1.1264 .5622 .2597 .1118 .0256

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, D1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISD.37

STEP: .08 IN. AT 54.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.96	56.63	41.80	3.18
1.0	9.48	16.64	13.06	3.71
2.0	4.82	5.32	5.07	4.11
4.0	2.80	2.05	2.43	3.57
8.0	1.11	.91	1.01	3.26
16.0	.51	.47	.49	3.13
32.0	.27	.24	.26	2.97
64.0	.09	.07	.08	3.38
128.0	.02	.02	.02	3.76

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.68

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

55.70 4.27 41.80 13.06 5.067 2.425 1.0097 .4891 .2565 .0807 .0159

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, D2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ISD.37

STEP: .10 IN. AT 404.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.39	50.39	38.39	3.23
1.0	10.00	14.86	12.43	3.76
2.0	4.80	4.97	4.88	4.18
4.0	2.51	2.17	2.34	3.64
8.0	1.17	1.23	1.20	2.98
16.0	.69	.81	.75	2.41
32.0	.46	.52	.49	1.81
64.0	.23	.25	.24	1.70
128.0	.05	.05	.05	2.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.47

68.60 3.47 38.39 12.43 4.883 2.339 1.2013 .7484 .4878 .2394 .0511

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, E1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISE.37

STEP: .09 IN. AT 873.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.46	48.95	38.70	3.22
1.0	10.28	14.03	12.15	3.78
2.0	4.68	4.42	4.55	4.30
4.0	2.26	1.88	2.07	3.88
8.0	.95	1.02	.99	3.30
16.0	.54	.61	.58	2.87
32.0	.29	.31	.30	2.73
64.0	.13	.13	.13	2.74
128.0	.04	.04	.04	3.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.75

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

52.93 3.86 38.70 12.15 4.555 2.067 .9860 .5764 .2963 .1297 .0357

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, E2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ISE.37

STEP: .10 IN. AT 454.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.72	51.99	39.85	3.21
1.0	9.51	14.05	11.78	3.81
2.0	4.25	4.59	4.42	4.35
4.0	2.31	1.90	2.10	3.85
8.0	1.00	1.05	1.02	3.24
16.0	.50	.64	.57	2.88
32.0	.28	.31	.29	2.74
64.0	.12	.13	.13	2.76
128.0	.02	.02	.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.74

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

53.46 4.17 39.85 11.78 4.418 2.102 1.0229 .5723 .2950 .1277 .0224

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, F1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISF.37

STEP: .08 IN. AT 998.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.81	51.05	39.93	3.21
1.0	10.05	14.11	12.08	3.78
2.0	4.68	4.67	4.68	4.25
4.0	2.62	1.97	2.30	3.68
8.0	1.17	1.02	1.10	3.13
16.0	.42	.56	.49	3.12
32.0	.24	.30	.27	2.91
64.0	.11	.12	.12	2.91
128.0	.02	.02	.02	3.55

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 53.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.75

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

53.10 4.17 39.93 12.08 4.678 2.295 1.0959 .4929 .2666 .1162 .0211

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, XS1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISXS37

STEP: .42 IN. AT 120.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	110.84	115.79	113.32	2.38
1.0	31.24	34.78	33.01	2.45
2.0	9.78	10.49	10.14	2.56
4.0	2.97	3.34	3.15	2.99
8.0	1.04	1.13	1.09	3.15
16.0	.58	.57	.57	2.87
32.0	.32	.31	.31	2.63
64.0	.14	.13	.14	2.66
128.0	.03	.02	.03	3.33

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 76.28

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.89

76.28 3.89 113.32 33.01 10.136 3.154 1.0853 .5743 .3134 .1363 .0265

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, X52

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ISXS37

STEP: .41 IN. AT 863.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	94.45	95.59	95.02	2.56
1.0	27.59	27.88	27.74	2.74
2.0	8.78	9.21	9.00	2.85
4.0	3.38	3.49	3.43	2.79
8.0	1.45	1.55	1.50	2.59
16.0	.75	.78	.77	2.37
32.0	.45	.43	.44	2.01
64.0	.13	.13	.13	2.69
128.0	.02	.02	.02	3.63

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 93.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.82

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.03

93.21 4.03 95.02 27.74 8.995 3.435 1.4961 .7651 .4399 .1343 .0190

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, X51

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INXS37

STEP: 2.03 IN. AT 683.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	111.46	200.42	155.94	2.00
1.0	36.17	62.43	49.30	1.73
2.0	10.69	15.71	13.20	1.90
4.0	3.37	4.21	3.79	2.55
8.0	1.17	1.30	1.24	2.93
16.0	.42	.42	.42	3.34
32.0	.18	.16	.17	3.56
64.0	.07	.06	.06	3.62
128.0	.02	.02	.02	3.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.01

81.45 4.01 155.94 49.30 13.200 3.791 1.2383 .4232 .1696 .0645 .0167

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, X52

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE INXS37

STEP: .76 IN. AT 5.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	124.90	111.86	118.38	2.33
1.0	38.54	30.67	34.61	2.37
2.0	10.01	9.22	9.62	2.69
4.0	2.84	2.86	2.85	3.22
8.0	1.00	1.06	1.03	3.23
16.0	.50	.52	.51	3.05
32.0	.25	.24	.25	3.04
64.0	.06	.06	.06	3.67
128.0	.02	.02	.02	3.67

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.19

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

66.19 4.13 118.38 34.61 9.616 2.848 1.0319 .5130 .2457 .0609 .0181

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE BOTH PATHS, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INA.37

STEP: .22 IN. AT 853.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.42	60.68	47.55	3.11
1.0	13.19	18.11	15.65	3.52
2.0	5.84	5.97	5.90	3.81
4.0	3.13	2.58	2.85	3.22
8.0	1.37	1.38	1.38	2.74
16.0	.62	.81	.72	2.49
32.0	.31	.39	.35	2.44
64.0	.13	.15	.14	2.63
128.0	.02	.03	.03	3.36

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 77.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.97

77.89 3.97 47.55 15.65 5.904 2.854 1.3771 .7163 .3486 .1396 .0259

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE BOTH PATHS, A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE INA.37

STEP: .08 IN. AT 833.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.69	51.64	39.67	3.21
1.0	9.87	14.75	12.31	3.77
2.0	4.06	4.77	4.42	4.35
4.0	1.95	1.76	1.86	4.08
8.0	.75	.66	.71	3.75
16.0	.31	.31	.31	3.72
32.0	.18	.17	.17	3.54
64.0	.09	.09	.09	3.28
128.0	.02	.02	.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

33.24 4.23 39.67 12.31 4.417 1.856 .7082 .3105 .1727 .0876 .0209

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INB.37

STEP: .08 IN. AT 846.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.01	54.42	41.21	3.19
1.0	10.05	15.39	12.72	3.73
2.0	4.25	4.95	4.60	4.28
4.0	2.12	1.97	2.05	3.90
8.0	.98	.92	.95	3.35
16.0	.45	.48	.46	3.21
32.0	.22	.24	.23	3.14
64.0	.10	.10	.10	3.10
128.0	.01	.01	.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 46.00

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

46.00 4.37 41.21 12.72 4.599 2.046 .9505 .4625 .2294 .1013 .0141

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE INB.37

STEP: .09 IN. AT 548.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.77	56.26	42.52	3.17
1.0	10.05	15.32	12.68	3.74
2.0	4.54	4.92	4.73	4.23
4.0	2.42	2.06	2.24	3.73
8.0	1.28	1.21	1.24	2.92
16.0	.72	.77	.75	2.42
32.0	.43	.42	.43	2.06
64.0	.21	.19	.20	2.03
128.0	.05	.04	.04	2.70

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 66.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.64

66.35 3.64 42.52 12.68 4.734 2.242 1.2434 .7458 .4262 .1989 .0444

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INC.37

STEP: .10 IN. AT 447.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.44	55.69	41.56	3.19
1.0	9.21	15.82	12.51	3.75
2.0	4.14	5.02	4.58	4.29
4.0	2.25	2.00	2.12	3.83
8.0	1.01	.97	.99	3.29
16.0	.51	.53	.52	3.04
32.0	.27	.28	.28	2.84
64.0	.11	.12	.12	2.86
128.0	.04	.04	.04	2.94

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 50.84

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.80

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.82

50.84 3.82 41.56 12.51 4.582 2.123 .9908 .5183 .2770 .1194 .0373

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE INC.37

STEP: .09 IN. AT 837.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.91	53.48	40.70	3.20
1.0	9.43	15.27	12.35	3.76
2.0	3.98	4.73	4.36	4.37
4.0	1.96	1.84	1.90	4.04
8.0	.85	.87	.86	3.50
16.0	.44	.53	.48	3.15
32.0	.25	.29	.27	2.90
64.0	.13	.13	.13	2.71
128.0	.04	.03	.03	3.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 43.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

43.96 3.91 40.70 12.35 4.357 1.898 .8565 .4828 .2676 .1324 .0350

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, D1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IND.37

STEP: .08 IN. AT 757.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.11	55.12	41.12	3.19
1.0	9.55	15.69	12.62	3.74
2.0	4.16	4.96	4.56	4.29
4.0	2.01	1.98	2.00	3.95
8.0	.79	.86	.83	3.55
16.0	.40	.47	.43	3.30
32.0	.26	.30	.28	2.85
64.0	.13	.16	.15	2.54
128.0	.03	.04	.03	3.08

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 43.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

43.35 3.93 41.12 12.62 4.563 2.000 .8286 .4336 .2759 .1469 .0333

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, D2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE IND.37

STEP: .09 IN. AT 637.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.65	54.08	41.36	3.19
1.0	10.11	15.87	12.99	3.71
2.0	4.52	5.02	4.77	4.22
4.0	2.38	2.25	2.32	3.66
8.0	1.21	1.18	1.20	2.99
16.0	.73	.75	.74	2.44
32.0	.41	.43	.42	2.09
64.0	.12	.12	.12	2.82
128.0	.03	.02	.02	3.40

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 67.50

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.39

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

67.50 4.08 41.36 12.99 4.772 2.318 1.1957 .7371 .4195 .1227 .0248

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, E1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INE.37

STEP: .10 IN. AT 60.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.80	56.12	41.46	3.19
1.0	10.27	16.75	13.51	3.68
2.0	4.88	5.51	5.19	4.06
4.0	2.69	2.29	2.49	3.51
8.0	1.30	1.22	1.26	2.90
16.0	.78	.76	.77	2.36
32.0	.42	.42	.42	2.09
64.0	.18	.17	.18	2.22
128.0	.03	.02	.03	3.39

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.05

73.22 4.05 41.46 13.51 5.195 2.492 1.2608 .7719 .4199 .1779 .0250

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, E2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE INE.37

STEP: .10 IN. AT 334.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.99	55.21	41.10	3.19
1.0	9.07	16.06	12.56	3.75
2.0	4.11	5.44	4.77	4.22
4.0	2.30	2.32	2.31	3.67
8.0	1.23	1.30	1.27	2.89
16.0	.76	.84	.80	2.29
32.0	.44	.47	.45	1.95
64.0	.19	.19	.19	2.10
128.0	.03	.03	.03	3.12

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 70.95

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.31

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

70.95 3.91 41.10 12.56 4.774 2.311 1.2651 .8003 .4530 .1910 .0323

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, F1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INF.37

STEP: .09 IN. AT 184.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.63	50.71	40.67	3.20
1.0	11.72	15.37	13.55	3.67
2.0	5.04	5.30	5.17	4.07
4.0	2.58	2.23	2.40	3.59
8.0	1.08	1.03	1.05	3.20
16.0	.56	.59	.58	2.87
32.0	.39	.39	.39	2.25
64.0	.20	.19	.20	2.05
128.0	.04	.04	.04	2.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.15

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.57

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.69

60.15 3.69 40.67 13.55 5.172 2.404 1.0541 .5755 .3871 .1965 .0410

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, XN1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INXN37

STEP: .30 IN. AT 340.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.58	66.26	50.92	3.07
1.0	13.42	19.05	16.23	3.48
2.0	5.14	5.91	5.52	3.95
4.0	2.13	2.28	2.20	3.76
8.0	.94	.94	.94	3.37
16.0	.51	.57	.54	2.97
32.0	.30	.34	.32	2.58
64.0	.15	.15	.15	2.53
128.0	.03	.03	.03	3.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.88

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.73

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.88

53.88 3.88 50.92 16.23 5.522 2.205 .9375 .5407 .3231 .1484 .0338

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, XN2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE INXN37

STEP: .32 IN. AT 613.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	50.35	64.59	57.47	2.99
1.0	13.51	18.08	15.80	3.51
2.0	4.44	5.03	4.73	4.23
4.0	1.20	1.39	1.29	4.60
8.0	.47	.46	.46	4.17
16.0	.26	.23	.24	3.97
32.0	.17	.13	.15	3.70
64.0	.08	.06	.07	3.57
128.0	.01	.01	.01	3.92

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 17.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.51

17.21 4.51 57.47 15.80 4.734 1.292 .4645 .2428 .1504 .0674 .0122

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL SOUTHBOUND,CENTER, BOTH PATHS,XN1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSXN37

STEP: .41 IN. AT 897.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	54.86	75.57	65.22	2.89
1.0	19.87	22.17	21.02	3.15
2.0	6.08	6.90	6.49	3.61
4.0	2.18	2.20	2.19	3.77
8.0	1.05	.86	.95	3.35
16.0	.43	.44	.44	3.29
32.0	.23	.25	.24	3.08
64.0	.08	.08	.08	3.36
128.0	.01	.01	.01	3.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

2 47.75 4.37 65.22 21.02 6.488 2.191 .9548 .4384 .2390 .0818 .0126

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL SOUTHBOUND,CENTER, BOTH PATHS,XN2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CSXN37

STEP: .45 IN. AT 33.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	51.08	65.45	58.26	2.98
1.0	18.98	18.79	18.88	3.29
2.0	6.22	5.71	5.96	3.79
4.0	1.93	1.76	1.84	4.09
8.0	.79	.70	.74	3.69
16.0	.40	.37	.39	3.46
32.0	.21	.21	.21	3.27
64.0	.07	.10	.08	3.34
128.0	.02	.03	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

2 37.25 4.21 58.26 18.88 5.963 1.843 .7448 .3859 .2100 .0837 .0215

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSA.37

STEP: .28 IN. AT 1.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.30	70.83	52.07	3.05
1.0	13.49	19.90	16.70	3.44
2.0	5.41	6.15	5.78	3.86
4.0	2.64	2.45	2.54	3.47
8.0	1.07	1.06	1.07	3.18
16.0	.50	.62	.56	2.92
32.0	.25	.33	.29	2.78
64.0	.11	.16	.14	2.63
128.0	.01	.02	.02	3.68

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.26

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.52

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

62.26 4.20 52.07 16.70 5.782 2.544 1.0670 .5594 .2875 .1390 .0179

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CSA.37

STEP: 2.35 IN. AT 574.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	186.69	67.12	126.90	2.25
1.0	65.45	22.74	44.10	1.93
2.0	17.94	7.84	12.89	1.96
4.0	5.43	3.06	4.25	2.28
8.0	1.50	1.03	1.27	2.89
16.0	.49	.48	.49	3.14
32.0	.26	.30	.28	2.81
64.0	.12	.15	.14	2.66
128.0	.02	.03	.03	3.38

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 94.88

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.79

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.75

94.88 3.75 126.90 44.10 12.890 4.247 1.2667 .4862 .2823 .1367 .0253

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSB.37

STEP: .12 IN. AT 1052.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.69	64.92	45.81	3.13
1.0	10.31	18.27	14.29	3.62
2.0	5.22	6.43	5.82	3.84
4.0	2.83	2.83	2.83	3.24
8.0	1.31	1.28	1.30	2.85
16.0	.84	.78	.81	2.28
32.0	.45	.43	.44	2.01
64.0	.18	.18	.18	2.19
128.0	.04	.04	.04	2.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.05

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.69

Z 82.42 3.69 45.81 14.29 5.825 2.827 1.2968 .8061 .4391 .1808 .0386

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CSB.37

STEP: .10 IN. AT 114.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.96	62.54	44.75	3.14
1.0	9.88	18.22	14.05	3.64
2.0	4.71	6.13	5.42	3.98
4.0	2.63	2.56	2.60	3.42
8.0	1.27	1.11	1.19	3.00
16.0	.64	.54	.59	2.82
32.0	.37	.31	.34	2.49
64.0	.17	.15	.16	2.44
128.0	.02	.02	.02	3.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 65.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

Z 65.27 4.10 44.75 14.05 5.419 2.599 1.1914 .5914 .3383 .1560 .0222

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSC.37

STEP: .11 IN. AT 72.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.75	69.36	50.05	3.08
1.0	11.03	19.87	15.45	3.53
2.0	5.08	7.03	6.05	3.76
4.0	3.00	3.29	3.14	3.00
8.0	1.58	1.46	1.52	2.56
16.0	.88	.82	.85	2.18
32.0	.44	.41	.42	2.07
64.0	.14	.13	.13	2.71
128.0	.03	.03	.03	3.27

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 91.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.85

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.88

z 91.71 3.88 50.05 15.45 6.055 3.145 1.5204 .8488 .4250 .1326 .0282

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CSC.37

STEP: .13 IN. AT 7.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.25	71.65	50.95	3.07
1.0	10.69	20.09	15.39	3.54
2.0	5.27	6.94	6.10	3.75
4.0	3.03	2.93	2.98	3.12
8.0	1.41	1.31	1.36	2.77
16.0	.66	.64	.65	2.66
32.0	.35	.29	.32	2.59
64.0	.16	.13	.15	2.55
128.0	.03	.03	.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 76.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.17

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

2 76.87 3.91 50.95 15.39 6.102 2.981 1.3594 .6505 .3205 .1461 .0278

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,D1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSD.37

STEP: .11 IN. AT 536.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.06	58.70	42.88	3.17
1.0	10.02	16.83	13.42	3.68
2.0	5.03	6.29	5.66	3.90
4.0	2.83	2.87	2.85	3.22
8.0	1.32	1.21	1.26	2.90
16.0	.67	.59	.63	2.72
32.0	.35	.32	.34	2.50
64.0	.11	.11	.11	3.00
128.0	.02	.02	.02	3.67

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 72.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

z 72.96 4.16 42.88 13.42 5.661 2.852 1.2624 .6304 .3367 .1089 .0180

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,D2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CSD.37

STEP: .09 IN. AT 18.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.85	58.25	43.05	3.17
1.0	9.75	17.03	13.39	3.68
2.0	4.72	6.16	5.44	3.98
4.0	2.56	2.56	2.56	3.46
8.0	1.19	.98	1.09	3.15
16.0	.55	.50	.53	3.01
32.0	.38	.35	.36	2.36
64.0	.20	.18	.19	2.11
128.0	.04	.04	.04	2.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.55

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

z 60.70 3.66 43.05 13.39 5.442 2.558 1.0877 .5267 .3643 .1897 .0414

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,E1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSE.37

STEP: .14 IN. AT 220.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.94	62.63	46.28	3.13
1.0	11.83	17.97	14.90	3.57
2.0	5.48	6.25	5.86	3.83
4.0	2.71	2.69	2.70	3.34
8.0	1.25	1.18	1.22	2.96
16.0	.70	.68	.69	2.56
32.0	.41	.40	.41	2.15
64.0	.23	.21	.22	1.86
128.0	.06	.06	.06	2.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.05

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.21

2 73.05 3.21 46.28 14.90 5.865 2.698 1.2194 .6906 .4073 .2192 .0601

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,E2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CSE.37

STEP: .10 IN. AT 112.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.79	64.47	46.13	3.13
1.0	10.51	17.81	14.16	3.63
2.0	5.32	6.14	5.73	3.87
4.0	2.91	2.74	2.83	3.24
8.0	1.24	1.14	1.19	3.00
16.0	.58	.59	.59	2.84
32.0	.38	.38	.38	2.29
64.0	.17	.17	.17	2.31
128.0	.02	.02	.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.88

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

2 69.88 4.06 46.13 14.16 5.733 2.826 1.1860 .5861 .3789 .1693 .0224

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE, BOTH PATHS,F1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSF.37

STEP: .10 IN. AT 723.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.52	65.92	47.22	3.11
1.0	10.23	18.81	14.52	3.60
2.0	5.23	6.32	5.77	3.86
4.0	3.07	2.86	2.96	3.13
8.0	1.30	1.19	1.24	2.92
16.0	.38	.37	.37	3.51
32.0	.20	.21	.21	3.30
64.0	.11	.11	.11	2.94
128.0	.03	.03	.03	3.37

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.55

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.97

1 60.71 3.97 47.22 14.52 5.772 2.965 1.2440 .3724 .2060 .1131 .0254

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL SOUTHBOUND,CENTER, BOTH PATHS,XS1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSXS37

STEP: .58 IN. AT 1031.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	121.48	129.07	125.28	2.26
1.0	34.03	35.65	34.84	2.35
2.0	10.65	10.50	10.57	2.45
4.0	3.61	3.16	3.39	2.82
8.0	1.28	1.03	1.15	3.05
16.0	.60	.54	.57	2.89
32.0	.33	.30	.31	2.62
64.0	.11	.11	.11	3.00
128.0	.02	.02	.02	3.63

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 80.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.08

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.03

2 80.99 4.03 125.28 34.84 10.574 3.386 1.1519 .5690 .3142 .1083 .0191

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL SOUTHBOUND,CENTER, BOTH PATHS,XS2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CSXS37

STEP: 1.04 IN. AT 892.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	138.98	110.31	124.64	2.27
1.0	41.10	30.82	35.96	2.30
2.0	11.35	9.96	10.66	2.43
4.0	3.27	3.20	3.24	2.93
8.0	1.13	.99	1.06	3.19
16.0	.59	.49	.54	2.97
32.0	.31	.29	.30	2.69
64.0	.10	.09	.10	3.14
128.0	.02	.01	.01	3.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 76.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

2 76.14 4.14 124.64 35.96 10.657 3.236 1.0590 .5407 .3022 .0983 .0149

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL NORTHBOUND,CENTER, BOTH PATHS,XS1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNXS37

STEP: 1.61 IN. AT 706.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	158.04	113.64	135.84	2.17
1.0	46.46	34.67	40.57	2.08
2.0	13.46	10.22	11.84	2.17
4.0	3.74	3.08	3.41	2.81
8.0	1.30	1.18	1.24	2.93
16.0	.61	.56	.58	2.85
32.0	.29	.27	.28	2.81
64.0	.12	.11	.11	2.92
128.0	.02	.02	.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.05

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

2 82.20 3.93 135.84 40.57 11.840 3.410 1.2384 .5811 .2815 .1149 .0226

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL NORTHBOUND,CENTER, BOTH PATHS,XS2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CNXS37

STEP: 1.19 IN. AT 22.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	148.63	126.50	137.56	2.15
1.0	47.92	40.90	44.41	1.92
2.0	13.08	10.91	12.00	2.13
4.0	3.72	3.05	3.39	2.82
8.0	1.22	.93	1.07	3.17
16.0	.54	.41	.47	3.17
32.0	.24	.21	.22	3.18
64.0	.09	.06	.08	3.44
128.0	.03	.02	.02	3.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 75.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.20

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.96

2 75.56 3.96 137.56 44.41 11.998 3.385 1.0712 .4737 .2234 .0765 .0214

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE BOTH PATHS,A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNA.37

STEP: .40 IN. AT 217.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	43.38	68.21	55.79	3.01
1.0	18.07	21.40	19.73	3.24
2.0	6.26	7.20	6.73	3.53
4.0	2.67	2.80	2.74	3.31
8.0	1.06	1.11	1.08	3.15
16.0	.46	.46	.46	3.22
32.0	.24	.24	.24	3.05
64.0	.12	.11	.12	2.89
128.0	.03	.02	.02	3.40

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.55

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.01

2 60.75 4.01 55.79 19.73 6.732 2.736 1.0844 .4600 .2432 .1176 .0248

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE BOTH PATHS,A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CNA.37

STEP: .09 IN. AT 999.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.00	66.51	47.26	3.11
1.0	9.41	18.73	14.07	3.63
2.0	4.39	6.09	5.24	4.05
4.0	2.35	2.36	2.36	3.63
8.0	.92	.78	.85	3.52
16.0	.32	.27	.30	3.77
32.0	.15	.14	.15	3.72
64.0	.08	.08	.08	3.42
128.0	.02	.02	.02	3.64

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 43.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

2 43.24 4.21 47.26 14.07 5.236 2.358 .8469 .2957 .1486 .0779 .0188

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE BOTH PATHS,B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNB.37

STEP: .14 IN. AT 208.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.94	71.57	49.76	3.08
1.0	9.76	19.56	14.66	3.59
2.0	4.65	6.23	5.44	3.98
4.0	2.40	2.67	2.53	3.48
8.0	1.03	.99	1.01	3.26
16.0	.42	.42	.42	3.35
32.0	.23	.24	.24	3.10
64.0	.11	.11	.11	2.95
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.94

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.72

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

2 53.94 4.20 49.76 14.66 5.441 2.532 1.0101 .4175 .2359 .1126 .0183

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CNB.37

STEP: .13 IN. AT 567.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.90	72.03	51.97	3.05
1.0	12.03	19.66	15.84	3.51
2.0	5.70	6.63	6.16	3.73
4.0	3.17	3.17	3.17	2.98
8.0	1.68	1.61	1.65	2.41
16.0	.97	.99	.98	1.92
32.0	.57	.61	.59	1.46
64.0	.27	.29	.28	1.43
128.0	.05	.06	.06	2.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 99.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.22

2 99.55 3.22 51.97 15.84 6.160 3.172 1.6495 .9763 .5896 .2792 .0566

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNC.37

STEP: .09 IN. AT 100.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.54	65.10	47.32	3.11
1.0	9.96	18.49	14.22	3.62
2.0	4.45	6.29	5.37	4.00
4.0	2.31	2.43	2.37	3.62
8.0	.99	.90	.95	3.36
16.0	.48	.46	.47	3.18
32.0	.26	.26	.26	2.95
64.0	.09	.10	.10	3.18
128.0	.03	.03	.03	3.32

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.53

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.73

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.02

2 53.53 4.02 47.32 14.22 5.370 2.371 .9478 .4716 .2592 .0954 .0269

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CNC.37

STEP: .12 IN. AT 102.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.99	65.93	48.46	3.10
1.0	12.99	19.18	16.09	3.49
2.0	6.01	6.66	6.33	3.67
4.0	2.69	2.64	2.66	3.37
8.0	1.01	.95	.98	3.31
16.0	.46	.48	.47	3.19
32.0	.26	.29	.28	2.85
64.0	.12	.15	.13	2.69
128.0	.03	.03	.03	3.15

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.74

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.58

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.87

2 59.74 3.87 48.46 16.09 6.333 2.663 .9788 .4699 .2752 .1336 .0313

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,D1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CND.37

STEP: .12 IN. AT 193.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.94	68.75	49.84	3.08
1.0	12.11	19.49	15.80	3.51
2.0	6.07	6.37	6.22	3.71
4.0	2.74	2.68	2.71	3.33
8.0	.97	.98	.97	3.32
16.0	.48	.45	.47	3.20
32.0	.31	.30	.30	2.69
64.0	.16	.16	.16	2.40
128.0	.03	.04	.03	3.02

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.78

2 60.57 3.78 49.84 15.80 6.221 2.714 .9709 .4652 .3024 .1605 .0350

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,D2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CND.37

STEP: .11 IN. AT 813.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.71	69.40	50.05	3.08
1.0	11.58	18.49	15.04	3.56
2.0	5.71	6.32	6.01	3.78
4.0	2.79	2.69	2.74	3.31
8.0	1.32	1.27	1.30	2.85
16.0	.85	.82	.83	2.22
32.0	.49	.47	.48	1.83
64.0	.16	.16	.16	2.38
128.0	.03	.03	.03	3.23

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.06

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

2 81.99 3.91 50.05 15.04 6.014 2.736 1.2971 .8333 .4817 .1619 .0293

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,E1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNE.37

STEP: 4.22 IN. AT 378.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	219.55	99.19	159.37	1.97
1.0	92.54	31.20	61.87	1.33
2.0	35.33	10.78	23.06	.74
4.0	13.25	4.46	8.85	.73
8.0	5.02	2.11	3.57	.97
16.0	1.97	1.19	1.58	1.05
32.0	.72	.52	.62	1.37
64.0	.31	.21	.26	1.55
128.0	.07	.04	.06	2.32

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 256.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: .87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.32

2 256.68 2.32 159.37 61.87 23.058 8.852 3.5659 1.5819 .6197 .2613 .0572

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,E2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CNE.37

STEP: .11 IN. AT 726.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.72	66.40	48.56	3.10
1.0	11.51	19.83	15.67	3.52
2.0	6.00	6.77	6.38	3.65
4.0	3.27	2.88	3.07	3.05
8.0	1.35	1.26	1.30	2.84
16.0	.75	.70	.72	2.48
32.0	.41	.42	.41	2.12
64.0	.17	.18	.18	2.24
128.0	.03	.03	.03	3.27

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.04

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.89

z 82.96 3.89 48.56 15.67 6.383 3.074 1.3029 .7219 .4148 .1759 .0282

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,F1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNF.37

STEP: .10 IN. AT 838.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.03	63.31	47.17	3.11
1.0	11.54	18.57	15.05	3.56
2.0	5.30	6.32	5.81	3.85
4.0	2.66	2.70	2.68	3.36
8.0	1.04	1.11	1.07	3.17
16.0	.60	.59	.60	2.80
32.0	.45	.45	.45	1.98
64.0	.24	.24	.24	1.67
128.0	.05	.05	.05	2.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 67.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.39

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.49

1 67.44 3.49 47.17 15.05 5.814 2.681 1.0724 .5984 .4461 .2435 .0479

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL NORTHBOUND,CENTER, BOTH PATHS,XN1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNXN37

STEP: .39 IN. AT 338.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.55	81.42	60.49	2.95
1.0	16.16	23.43	19.79	3.23
2.0	6.51	7.61	7.06	3.43
4.0	2.62	3.07	2.85	3.22
8.0	1.05	1.30	1.17	3.02
16.0	.38	.47	.43	3.32
32.0	.22	.26	.24	3.08
64.0	.12	.12	.12	2.85
128.0	.03	.03	.03	3.23

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 61.34

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.89

4 61.34 3.89 60.49 19.79 7.063 2.846 1.1739 .4285 .2394 .1202 .0293

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL NORTHBOUND,CENTER, BOTH PATHS,XN2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CNXN37

STEP: .34 IN. AT 607.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	53.11	84.31	68.71	2.85
1.0	24.09	22.61	23.35	3.00
2.0	8.11	6.29	7.20	3.38
4.0	1.74	1.73	1.73	4.19
8.0	.64	.63	.63	3.88
16.0	.31	.30	.30	3.75
32.0	.18	.18	.18	3.49
64.0	.08	.08	.08	3.34
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

2 30.16 4.29 68.71 23.35 7.202 1.734 .6325 .3025 .1792 .0834 .0185

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL SOUTHBOUND, OUTSIDE, BOTH PATHS, XN1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSXN37

STEP: .29 IN. AT 8.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	47.05	82.11	64.58	2.90
1.0	16.45	23.17	19.81	3.23
2.0	5.37	6.56	5.96	3.79
4.0	1.94	2.05	2.00	3.95
8.0	.83	.82	.82	3.56
16.0	.48	.45	.47	3.19
32.0	.30	.28	.29	2.78
64.0	.12	.11	.11	2.92
128.0	.02	.02	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.26

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.95

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

45.26 4.19 64.58 19.81 5.963 1.997 .8232 .4681 .2867 .1147 .0216

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL SOUTHBOUND, OUTSIDE, BOTH PATHS, XN2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OSXN37

STEP: .42 IN. AT 979.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	46.66	90.26	68.46	2.86
1.0	15.97	24.87	20.42	3.19
2.0	5.74	7.20	6.47	3.62
4.0	2.00	2.14	2.07	3.88
8.0	.74	.67	.71	3.75
16.0	.41	.32	.37	3.53
32.0	.25	.18	.21	3.25
64.0	.09	.06	.08	3.46
128.0	.01	.01	.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 40.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.06

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.35

2 40.98 4.35 68.46 20.42 6.470 2.070 .7062 .3651 .2132 .0753 .0140

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSA.37

STEP: 1.61 IN. AT 11.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	109.04	148.27	128.66	2.23
1.0	40.16	61.79	50.98	1.67
2.0	11.73	17.69	14.71	1.64
4.0	3.74	4.85	4.29	2.25
8.0	1.33	1.45	1.39	2.73
16.0	.52	.50	.51	3.06
32.0	.27	.25	.26	2.95
64.0	.13	.12	.12	2.84
128.0	.02	.02	.02	3.67

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 97.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.74

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

97.29 3.90 128.66 50.98 14.710 4.294 1.3899 .5108 .2592 .1218 .0181

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OSA.37

STEP: .30 IN. AT 249.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.58	70.95	55.27	3.01
1.0	18.95	22.09	20.52	3.18
2.0	7.88	7.37	7.62	3.25
4.0	3.37	2.96	3.17	2.98
8.0	1.20	1.10	1.15	3.05
16.0	.56	.47	.52	3.04
32.0	.33	.29	.31	2.62
64.0	.16	.16	.16	2.38
128.0	.03	.03	.03	3.25

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.85

2 73.24 3.85 55.27 20.52 7.623 3.166 1.1520 .5164 .3148 .1618 .0288

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSB.37

STEP: .40 IN. AT 852.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.76	81.22	56.49	3.00
1.0	12.02	21.74	16.88	3.43
2.0	5.51	6.94	6.22	3.70
4.0	2.80	2.82	2.81	3.26
8.0	1.40	1.34	1.37	2.76
16.0	.87	.87	.87	2.14
32.0	.51	.51	.51	1.73
64.0	.23	.23	.23	1.76
128.0	.05	.04	.05	2.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 85.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.52

2 85.57 3.52 56.49 16.88 6.223 2.806 1.3671 .8695 .5091 .2318 .0459

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OSB.37

STEP: 1.19 IN. AT 80.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.48	180.78	107.13	2.44
1.0	12.02	49.64	30.83	2.56
2.0	4.86	12.63	8.75	2.92
4.0	2.60	3.88	3.24	2.93
8.0	1.43	1.46	1.44	2.66
16.0	.85	.76	.80	2.28
32.0	.55	.47	.51	1.73
64.0	.24	.20	.22	1.81
128.0	.02	.02	.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 91.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.99

2 91.27 3.99 107.13 30.83 8.747 3.241 1.4421 .8045 .5076 .2245 .0221

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSC.37

STEP: .18 IN. AT 725.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.62	68.48	52.55	3.05
1.0	12.68	18.95	15.82	3.51
2.0	5.29	6.20	5.74	3.87
4.0	2.90	2.77	2.84	3.23
8.0	1.49	1.44	1.46	2.63
16.0	.89	.89	.89	2.09
32.0	.46	.48	.47	1.88
64.0	.12	.13	.13	2.76
128.0	.03	.03	.03	3.31

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 87.38

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.94

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.95

87.38 3.95 52.55 15.82 5.741 2.835 1.4640 .8902 .4712 .1280 .0272

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OSC.37

STEP: .12 IN. AT 654.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.25	74.53	53.89	3.03
1.0	11.50	19.92	15.71	3.52
2.0	5.01	6.65	5.83	3.84
4.0	2.68	2.79	2.74	3.31
8.0	1.17	1.11	1.14	3.07
16.0	.55	.53	.54	2.97
32.0	.34	.32	.33	2.53
64.0	.17	.15	.16	2.39
128.0	.03	.03	.03	3.27

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 65.43

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.94

2 65.43 3.94 53.89 15.71 5.831 2.736 1.1421 .5422 .3306 .1615 .0280

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, D1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSD.37

STEP: .13 IN. AT 369.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.32	69.18	51.25	3.06
1.0	11.58	18.93	15.26	3.55
2.0	4.98	6.36	5.67	3.90
4.0	2.65	2.84	2.75	3.30
8.0	1.28	1.25	1.27	2.89
16.0	.69	.67	.68	2.58
32.0	.36	.35	.35	2.41
64.0	.13	.12	.12	2.81
128.0	.02	.02	.02	3.57

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.49

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

2 73.49 4.11 51.25 15.26 5.672 2.745 1.2660 .6804 .3540 .1236 .0205

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, D2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OSD.37

STEP: .10 IN. AT 992.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.78	65.93	49.36	3.09
1.0	11.82	18.08	14.95	3.57
2.0	5.23	5.95	5.59	3.92
4.0	2.77	2.62	2.70	3.34
8.0	1.30	1.19	1.24	2.92
16.0	.67	.62	.65	2.67
32.0	.40	.38	.39	2.22
64.0	.22	.20	.21	1.95
128.0	.04	.04	.04	2.99

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 70.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.31

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.77

2 70.73 3.77 49.36 14.95 5.592 2.699 1.2427 .6492 .3934 .2080 .0359

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, E1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSE.37

STEP: .10 IN. AT 460.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.39	65.53	50.46	3.07
1.0	12.00	17.70	14.85	3.58
2.0	4.92	5.93	5.42	3.98
4.0	2.54	2.35	2.45	3.55
8.0	1.13	1.02	1.08	3.16
16.0	.55	.53	.54	2.97
32.0	.38	.35	.36	2.36
64.0	.20	.19	.20	2.06
128.0	.05	.05	.05	2.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.19

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.43

59.19 3.43 50.46 14.85 5.424 2.448 1.0776 .5419 .3634 .1959 .0518

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, E2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OSE.37

STEP: .09 IN. AT 215.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.93	69.48	52.20	3.05
1.0	12.30	19.77	16.04	3.49
2.0	5.12	6.40	5.76	3.86
4.0	2.65	2.59	2.62	3.41
8.0	1.14	1.05	1.10	3.13
16.0	.49	.48	.49	3.13
32.0	.34	.33	.34	2.51
64.0	.17	.16	.16	2.39
128.0	.03	.02	.03	3.36

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.57

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.01

2 59.89 4.01 52.20 16.04 5.760 2.620 1.0963 .4890 .3360 .1613 .0259

IH-37 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, F1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSF.37

STEP: .26 IN. AT 159.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.76	73.16	52.46	3.05
1.0	12.43	20.66	16.54	3.46
2.0	5.98	7.49	6.74	3.53
4.0	3.17	3.18	3.18	2.97
8.0	1.21	1.21	1.21	2.98
16.0	.52	.51	.51	3.06
32.0	.29	.26	.27	2.86
64.0	.14	.13	.14	2.64
128.0	.04	.03	.03	3.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.74

73.22 3.74 52.46 16.54 6.738 3.176 1.2051 .5119 .2742 .1382 .0339

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL SOUTHBOUND, OUTSIDE, BOTH PATHS, XS1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSXS37

STEP: .16 IN. AT 495.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	101.30	112.68	106.99	2.44
1.0	28.14	30.83	29.48	2.64
2.0	9.42	8.62	9.02	2.85
4.0	3.12	2.64	2.88	3.20
8.0	1.15	.97	1.06	3.19
16.0	.61	.53	.57	2.89
32.0	.31	.30	.31	2.65
64.0	.12	.11	.11	2.93
128.0	.03	.02	.03	3.39

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 70.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.97

2 70.04 3.97 106.99 29.48 9.019 2.878 1.0582 .5691 .3090 .1139 .0252

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL SOUTHBOUND, OUTSIDE, BOTH PATHS, XS2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OSXS37

STEP: 1.59 IN. AT 912.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	148.99	132.49	140.74	2.13
1.0	51.16	43.25	47.20	1.81
2.0	14.22	11.68	12.95	1.95
4.0	4.01	3.25	3.63	2.66
8.0	1.36	1.13	1.25	2.92
16.0	.67	.62	.65	2.67
32.0	.37	.39	.38	2.28
64.0	.12	.13	.13	2.78
128.0	.03	.02	.03	3.37

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 90.61

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.83

90.61 3.83 140.74 47.20 12.948 3.628 1.2468 .6459 .3791 .1262 .0256

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, XS1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONXS37

STEP: 1.48 IN. AT 732.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	106.51	154.06	130.28	2.22
1.0	33.13	54.49	43.81	1.95
2.0	9.71	14.46	12.09	2.12
4.0	3.05	3.88	3.47	2.77
8.0	1.09	1.19	1.14	3.07
16.0	.52	.45	.48	3.14
32.0	.24	.19	.22	3.22
64.0	.08	.08	.08	3.39
128.0	.02	.02	.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 77.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.04

2 77.87 4.04 130.28 43.81 12.087 3.466 1.1375 .4838 .2179 .0800 .0176

IH-37 SAN ANTONIO AUG 87 SOUTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, X52

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ONXS37

STEP: 1.04 IN. AT 56.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	138.58	131.75	135.16	2.17
1.0	42.66	38.88	40.77	2.08
2.0	11.98	10.51	11.24	2.30
4.0	3.69	2.95	3.32	2.87
8.0	1.44	1.07	1.26	2.90
16.0	.70	.55	.62	2.74
32.0	.28	.25	.26	2.92
64.0	.11	.09	.10	3.12
128.0	.02	.02	.02	3.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.05

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.94

82.54 3.94 135.16 40.77 11.245 3.320 1.2571 .6210 .2649 .0994 .0229

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE BOTH PATHS, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONA.37

STEP: .11 IN. AT 212.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.55	60.80	46.18	3.13
1.0	12.75	16.75	14.75	3.58
2.0	5.63	5.50	5.57	3.93
4.0	2.88	2.23	2.55	3.46
8.0	1.19	.89	1.04	3.22
16.0	.45	.37	.41	3.38
32.0	.26	.24	.25	3.02
64.0	.14	.12	.13	2.70
128.0	.03	.02	.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.72

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

2 53.93 4.06 46.18 14.75 5.568 2.551 1.0382 .4103 .2482 .1331 .0240

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE BOTH PATHS, A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ONA.37

STEP: .09 IN. AT 1032.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.00	61.78	45.39	3.14
1.0	9.60	17.04	13.32	3.69
2.0	4.06	5.59	4.83	4.20
4.0	2.03	2.25	2.14	3.82
8.0	.86	.83	.84	3.52
16.0	.30	.26	.28	3.83
32.0	.15	.14	.14	3.76
64.0	.08	.07	.08	3.45
128.0	.02	.02	.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

37.58 4.22 45.39 13.32 4.828 2.140 .8431 .2791 .1429 .0761 .0200

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONB.37

STEP: .15 IN. AT 780.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.78	68.97	50.37	3.07
1.0	10.89	18.44	14.67	3.59
2.0	4.57	5.95	5.26	4.04
4.0	2.36	2.34	2.35	3.63
8.0	1.03	.99	1.01	3.26
16.0	.41	.38	.39	3.43
32.0	.25	.24	.25	3.03
64.0	.12	.12	.12	2.85
128.0	.02	.02	.02	3.75

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

2 48.70 4.27 50.37 14.67 5.262 2.350 1.0092 .3947 .2464 .1204 .0162

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ONB.37

STEP: .11 IN. AT 644.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.42	68.50	51.46	3.06
1.0	11.54	18.66	15.10	3.56
2.0	5.22	5.99	5.61	3.92
4.0	2.68	2.56	2.62	3.40
8.0	1.38	1.22	1.30	2.84
16.0	.81	.68	.74	2.43
32.0	.49	.41	.45	1.95
64.0	.24	.20	.22	1.84
128.0	.04	.04	.04	2.77

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.41

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.63

74.41 3.63 51.46 15.10 5.606 2.622 1.3008 .7434 .4529 .2213 .0423

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONC.37

STEP: .11 IN. AT 171.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.71	65.70	48.71	3.09
1.0	10.13	17.74	13.93	3.64
2.0	4.25	5.34	4.80	4.21
4.0	2.24	2.07	2.15	3.81
8.0	1.09	1.00	1.04	3.21
16.0	.61	.58	.59	2.82
32.0	.33	.31	.32	2.58
64.0	.12	.10	.11	2.98
128.0	.03	.03	.03	3.21

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.82

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.68

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.99

2 55.82 3.99 48.71 13.93 4.797 2.154 1.0416 .5944 .3231 .1100 .0298

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ONC.37

STEP: .12 IN. AT 833.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.15	65.63	49.39	3.09
1.0	11.54	18.46	15.00	3.57
2.0	5.14	5.99	5.57	3.93
4.0	2.64	2.44	2.54	3.47
8.0	1.08	.97	1.03	3.24
16.0	.47	.45	.46	3.22
32.0	.24	.23	.24	3.10
64.0	.10	.09	.09	3.20
128.0	.02	.02	.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.38

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

36.38 4.16 49.39 15.00 5.567 2.538 1.0261 .4582 .2357 .0940 .0196

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, D1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OND.37

STEP: .10 IN. AT 755.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.71	63.62	47.66	3.11
1.0	10.91	17.55	14.23	3.62
2.0	5.44	5.66	5.55	3.94
4.0	3.00	2.16	2.58	3.44
8.0	1.08	.81	.95	3.36
16.0	.42	.41	.42	3.36
32.0	.30	.27	.28	2.80
64.0	.15	.14	.14	2.57
128.0	.03	.03	.03	3.17

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.88

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

2 54.88 3.90 47.66 14.23 5.550 2.581 .9451 .4155 .2845 .1444 .0307

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, D2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OND.37

STEP: .20 IN. AT 686.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.89	70.17	54.03	3.03
1.0	14.89	21.18	18.03	3.35
2.0	6.63	7.47	7.05	3.43
4.0	3.02	2.81	2.91	3.17
8.0	1.37	1.23	1.30	2.85
16.0	.76	.78	.77	2.37
32.0	.43	.45	.44	2.00
64.0	.17	.17	.17	2.27
128.0	.03	.03	.03	3.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.06

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.77

82.04 3.77 54.03 18.03 7.050 2.915 1.2976 .7663 .4417 .1728 .0340

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, E1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONE.37

STEP: .12 IN. AT 224.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.61	71.89	53.25	3.04
1.0	13.16	20.33	16.74	3.44
2.0	5.90	7.61	6.75	3.53
4.0	3.20	3.14	3.17	2.98
8.0	1.63	1.56	1.60	2.47
16.0	1.00	.98	.99	1.89
32.0	.51	.51	.51	1.73
64.0	.25	.24	.24	1.67
128.0	.05	.05	.05	2.62

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 100.37

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.68

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.43

100.37 3.43 53.25 16.74 6.754 3.170 1.5963 .9914 .5091 .2438 .0471

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, E2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ONE.37

STEP: .18 IN. AT 678.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.36	72.22	52.29	3.05
1.0	11.63	21.22	16.43	3.46
2.0	5.54	7.52	6.53	3.60
4.0	2.95	3.26	3.11	3.03
8.0	1.40	1.30	1.35	2.78
16.0	.70	.69	.70	2.54
32.0	.36	.38	.37	2.32
64.0	.14	.15	.14	2.57
128.0	.02	.03	.02	3.39

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.19

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.05

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.96

d2.19 3.96 52.29 16.43 6.528 3.105 1.3504 .6965 .3723 .1441 .0250

IH-37 SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, F1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONF.37

STEP: .25 IN. AT 835.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.82	68.85	52.33	3.05
1.0	13.39	19.97	16.68	3.45
2.0	6.07	6.84	6.46	3.62
4.0	3.11	2.85	2.98	3.12
8.0	1.38	1.06	1.22	2.96
16.0	.61	.57	.59	2.84
32.0	.40	.38	.39	2.24
64.0	.22	.20	.21	1.93
128.0	.04	.04	.04	2.75

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.56

73.27 3.56 52.33 16.68 6.458 2.981 1.2183 .5869 .3879 .2105 .0428

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, XN1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONXN37

STEP: 1.07 IN. AT 304.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	45.89	118.99	82.44	2.70
1.0	15.63	40.20	27.92	2.73
2.0	5.52	10.68	8.10	3.11
4.0	2.38	3.32	2.85	3.22
8.0	1.08	1.19	1.14	3.07
16.0	.61	.55	.58	2.86
32.0	.31	.26	.29	2.79
64.0	.15	.12	.13	2.68
128.0	.04	.03	.03	3.11

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.81

69.93 3.81 82.44 27.92 8.099 2.847 1.1363 .5791 .2864 .1350 .0325

IH-37 SAN ANTONIO AUG 87 NORTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, XN2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE ONXN37

STEP: .50 IN. AT 606.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	60.07	92.49	76.28	2.77
1.0	23.17	26.08	24.62	2.92
2.0	7.44	7.13	7.28	3.36
4.0	2.07	2.04	2.05	3.90
8.0	.70	.74	.72	3.73
16.0	.33	.36	.35	3.59
32.0	.18	.20	.19	3.40
64.0	.09	.09	.09	3.26
128.0	.02	.02	.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 39.61

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.10

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

39.61 4.26 76.28 24.62 7.285 2.054 .7182 .3471 .1918 .0893 .0177

IH-10 SAN ANTONIO AUG 87 WEST CONTROL EASTBOUND, INSIDE, BOTH PATHS, XW1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEXW10

STEP: .11 IN. AT 593.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	43.10	69.86	56.48	3.00
1.0	15.88	19.77	17.82	3.37
2.0	4.85	5.41	5.13	4.09
4.0	1.73	1.62	1.68	4.25
8.0	.74	.64	.69	3.78
16.0	.42	.37	.39	3.44
32.0	.26	.25	.26	2.97
64.0	.13	.14	.14	2.66
128.0	.03	.03	.03	3.29

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

1 34.04 4.10 56.48 17.82 5.131 1.676 .6901 .3928 .2562 .1368 .0277

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, INSIDE, BOTH PATHS, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEA.10

STEP: .11 IN. AT 65.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.05	66.61	52.33	3.05
1.0	11.61	18.34	14.98	3.57
2.0	3.75	5.68	4.72	4.24
4.0	1.27	1.58	1.42	4.48
8.0	.54	.62	.58	3.97
16.0	.33	.34	.33	3.64
32.0	.21	.20	.20	3.31
64.0	.10	.09	.10	3.18
128.0	.01	.01	.01	3.88

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.31

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.47

2 25.31 4.47 52.33 14.98 4.717 1.424 .5814 .3349 .2046 .0954 .0131

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, INSIDE, BOTH PATHS, A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE IEA.10

STEP: .10 IN. AT 15.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	40.90	66.65	53.77	3.03
1.0	12.27	18.86	15.56	3.53
2.0	4.56	7.11	5.84	3.84
4.0	1.92	3.00	2.46	3.54
8.0	.69	.86	.77	3.64
16.0	.44	.48	.46	3.23
32.0	.24	.24	.24	3.10
64.0	.08	.08	.08	3.42
128.0	.02	.01	.01	3.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.28

2 54.57 4.28 53.77 15.56 5.836 2.459 .7720 .4564 .2362 .0779 .0148

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, INSIDE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEB.10

STEP: .12 IN. AT 385.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	41.58	63.65	52.62	3.05
1.0	12.53	17.89	15.21	3.55
2.0	4.27	6.30	5.28	4.03
4.0	1.61	2.50	2.05	3.90
8.0	.57	.76	.66	3.82
16.0	.33	.38	.36	3.56
32.0	.18	.19	.18	3.46
64.0	.06	.06	.06	3.66
128.0	.01	.01	.01	3.86

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 40.07

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.09

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

2 40.07 4.37 52.62 15.21 5.284 2.055 .6647 .3551 .1837 .0616 .0136

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, INSIDE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE IEB.10

STEP: .10 IN. AT 868.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.78	62.35	49.57	3.08
1.0	11.32	17.33	14.32	3.62
2.0	3.84	5.75	4.79	4.21
4.0	1.54	2.21	1.87	4.06
8.0	.60	.71	.66	3.83
16.0	.39	.41	.40	3.41
32.0	.27	.28	.27	2.87
64.0	.10	.11	.11	3.02
128.0	.02	.02	.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 38.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.13

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

2 38.69 4.23 49.57 14.32 4.794 1.871 .6594 .4004 .2729 .1074 .0209

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, INSIDE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEC.10

STEP: .14 IN. AT 990.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.24	72.25	53.74	3.03
1.0	11.26	19.53	15.40	3.54
2.0	4.03	6.46	5.25	4.05
4.0	1.94	3.17	2.55	3.46
8.0	.82	1.13	.97	3.32
16.0	.44	.48	.46	3.23
32.0	.22	.23	.23	3.15
64.0	.09	.09	.09	3.28
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

3 56.68 4.20 53.74 15.40 5.248 2.555 .9748 .4572 .2278 .0879 .0182

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, INSIDE, BOTH PATHS, C2

820 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE IEC.10

STEP: .12 IN. AT 425.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.51	70.74	54.12	3.03
1.0	11.65	18.73	15.19	3.55
2.0	4.06	6.29	5.17	4.07
4.0	2.07	3.30	2.68	3.35
8.0	.85	1.23	1.04	3.21
16.0	.38	.42	.40	3.41
32.0	.23	.24	.24	3.09
64.0	.10	.10	.10	3.15
128.0	.01	.02	.01	3.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

3 56.21 4.27 54.12 15.19 5.175 2.682 1.0421 .4005 .2371 .0973 .0144

IH-10 SAN ANTONIO AUG 87 MID CONTROL EASTBOUND, INSIDE, BOTH PATHS, C3

421 FT. SECTION BEGINS 1876 FT. FROM MARK 0 IN FILE IEC.10

STEP: .13 IN. AT 320.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.08	70.51	52.29	3.05
1.0	9.99	20.41	15.20	3.55
2.0	3.60	6.21	4.91	4.17
4.0	1.85	3.07	2.46	3.54
8.0	.81	1.17	.99	3.29
16.0	.45	.44	.44	3.28
32.0	.22	.22	.22	3.21
64.0	.09	.07	.08	3.43
128.0	.01	.01	.01	4.04

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.73

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.41

3 53.72 4.41 52.29 15.20 4.906 2.460 .9916 .4412 .2198 .0775 .0095

IH-10 SAN ANTONIO AUG 87 EAST TEST EASTBOUND, INSIDE, BOTH PATHS, D1

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IED.10

STEP: .10 IN. AT 615.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.62	68.04	52.83	3.04
1.0	11.21	18.45	14.83	3.58
2.0	4.02	6.48	5.25	4.04
4.0	2.12	3.35	2.73	3.31
8.0	.89	1.30	1.09	3.14
16.0	.46	.53	.50	3.10
32.0	.22	.22	.22	3.21
64.0	.09	.09	.09	3.28
128.0	.01	.01	.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

2 62.79 4.27 52.83 14.83 5.251 2.734 1.0948 .4967 .2188 .0881 .0140

IH-10 SAN ANTONIO AUG 87 EAST TEST EASTBOUND, INSIDE, BOTH PATHS, D2

819 FT. SECTION BEGINS 819 FT. FROM MARK 0 IN FILE IED.10

STEP: .11 IN. AT 736.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.33	65.83	51.58	3.06
1.0	12.56	19.18	15.87	3.50
2.0	4.67	7.31	5.99	3.78
4.0	2.28	3.56	2.92	3.17
8.0	.97	1.11	1.04	3.22
16.0	.61	.70	.66	2.64
32.0	.31	.36	.34	2.49
64.0	.13	.13	.13	2.70
128.0	.04	.04	.04	2.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 75.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.64

2 75.96 3.64 51.58 15.87 5.989 2.919 1.0399 .6579 .3394 .1335 .0399

IH-10 SAN ANTONIO AUG 87 EAST CONTROL EASTBOUND, INSIDE, BOTH PATHS, XE1

940 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEXE10

STEP: .10 IN. AT 228.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.50	61.13	46.82	3.12
1.0	10.74	18.08	14.41	3.61
2.0	4.21	6.94	5.58	3.93
4.0	1.99	3.39	2.69	3.35
8.0	.73	1.05	.89	3.45
16.0	.37	.42	.40	3.42
32.0	.20	.20	.20	3.35
64.0	.09	.09	.09	3.22
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

1 56.16 4.16 46.82 14.41 5.576 2.691 .8866 .3964 .1996 .0918 .0187

IH-10 SAN ANTONIO AUG 87 EAST CONTROL WESTBOUND, INSIDE, BOTH PATHS, XE1

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INXE10

STEP: .09 IN. AT 564.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.44	63.77	49.60	3.08
1.0	12.51	18.96	15.74	3.51
2.0	4.59	5.69	5.14	4.08
4.0	1.59	1.84	1.71	4.21
8.0	.71	.77	.74	3.69
16.0	.42	.47	.45	3.26
32.0	.24	.26	.25	2.99
64.0	.10	.11	.11	3.04
128.0	.02	.02	.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.83

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

1 37.83 4.18 49.60 15.74 5.139 1.713 .7410 .4454 .2537 .1059 .0238

IH-10 SAN ANTONIO AUG 87 EAST TEST WESTBOUND, INSIDE, BOTH PATHS, A1

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWA.10

STEP: .09 IN. AT 329.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.07	57.12	45.60	3.13
1.0	11.21	17.90	14.55	3.60
2.0	3.96	5.48	4.72	4.24
4.0	1.52	1.69	1.60	4.31
8.0	.97	1.02	.99	3.29
16.0	.76	.80	.78	2.34
32.0	.49	.50	.50	1.78
64.0	.19	.18	.19	2.15
128.0	.05	.05	.05	2.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.41

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.54

3 54.41 3.54 45.60 14.55 4.722 1.604 .9926 .7780 .4953 .1857 .0523

IH-10 SAN ANTONIO AUG 87 EAST TEST WESTBOUND, INSIDE, BOTH PATHS, A2

788 FT. SECTION BEGINS 788 FT. FROM MARK 0 IN FILE IWA.10

STEP: .20 IN. AT 160.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.01	68.70	51.36	3.06
1.0	11.51	20.38	15.95	3.50
2.0	3.83	6.00	4.91	4.17
4.0	1.21	1.59	1.40	4.50
8.0	.48	.59	.54	4.05
16.0	.27	.33	.30	3.76
32.0	.17	.21	.19	3.40
64.0	.06	.07	.06	3.63
128.0	.01	.01	.01	3.87

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 22.81

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.55

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.47

3 22.81 4.47 51.36 15.95 4.914 1.401 .5357 .2998 .1914 .0637 .0134

IH-10 SAN ANTONIO AUG 87 MID CONTROL WESTBOUND, INSIDE, BOTH PATHS, A3

352 FT. SECTION BEGINS 1576 FT. FROM MARK 0 IN FILE IWA.10

STEP: .08 IN. AT 342.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.42	66.32	50.37	3.07
1.0	11.95	19.87	15.91	3.50
2.0	4.13	6.24	5.18	4.07
4.0	1.24	1.63	1.44	4.47
8.0	.54	.71	.62	3.90
16.0	.34	.47	.40	3.40
32.0	.26	.33	.29	2.74
64.0	.12	.17	.14	2.57
128.0	.01	.02	.01	3.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.53

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.37

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

3 29.53 4.45 50.37 15.91 5.184 1.437 .6215 .4045 .2940 .1442 .0138

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, INSIDE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWB.10

STEP: .09 IN. AT 414.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.47	65.81	50.14	3.08
1.0	12.17	19.19	15.68	3.52
2.0	4.09	5.52	4.80	4.21
4.0	1.38	1.63	1.51	4.40
8.0	.60	.64	.62	3.90
16.0	.28	.30	.29	3.79
32.0	.17	.17	.17	3.55
64.0	.09	.08	.09	3.31
128.0	.01	.01	.01	3.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.43

2 24.55 4.43 50.14 15.68 4.802 1.505 .6202 .2909 .1716 .0858 .0143

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, INSIDE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE IWB.10

STEP: .12 IN. AT 833.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.09	68.84	50.97	3.07
1.0	10.45	18.58	14.51	3.60
2.0	3.37	5.24	4.30	4.39
4.0	1.21	1.68	1.44	4.46
8.0	.51	.59	.55	4.02
16.0	.25	.26	.26	3.92
32.0	.14	.14	.14	3.78
64.0	.07	.07	.07	3.54
128.0	.01	.01	.01	3.95

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 21.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.51

2 21.21 4.51 50.97 14.51 4.303 1.444 .5517 .2553 .1404 .0698 .0115

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, INSIDE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWC.10

STEP: .10 IN. AT 587.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.93	64.93	50.93	3.07
1.0	11.74	18.33	15.03	3.56
2.0	4.06	5.81	4.94	4.16
4.0	1.56	1.91	1.73	4.19
8.0	.83	.84	.84	3.54
16.0	.57	.58	.57	2.87
32.0	.38	.38	.38	2.29
64.0	.15	.15	.15	2.53
128.0	.04	.03	.03	3.03

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 45.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.94

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

2 45.60 3.93 50.93 15.03 4.936 1.733 .8358 .5742 .3789 .1481 .0347

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, INSIDE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE IWC.10

STEP: .11 IN. AT 3.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.16	60.88	47.52	3.11
1.0	11.73	17.25	14.49	3.60
2.0	4.03	5.59	4.81	4.21
4.0	1.37	1.66	1.51	4.40
8.0	.62	.57	.59	3.95
16.0	.33	.28	.30	3.75
32.0	.17	.15	.16	3.62
64.0	.07	.05	.06	3.63
128.0	.02	.01	.02	3.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.32

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.41

2 25.32 4.41 47.52 14.49 4.806 1.513 .5936 .3015 .1614 .0638 .0150

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, INSIDE, BOTH PATHS, D1

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWD.10

STEP: .11 IN. AT 808.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.50	78.60	59.05	2.97
1.0	14.08	22.10	18.09	3.35
2.0	4.57	6.77	5.67	3.89
4.0	2.04	2.28	2.16	3.80
8.0	.99	.98	.99	3.29
16.0	.51	.52	.52	3.05
32.0	.28	.30	.29	2.75
64.0	.09	.11	.10	3.09
128.0	.01	.02	.02	3.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 51.49

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.79

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.32

2 51.49 4.32 59.05 18.09 5.674 2.162 .9888 .5150 .2920 .1022 .0151

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, INSIDE, BOTH PATHS, D2

938 FT. SECTION BEGINS 938 FT. FROM MARK 0 IN FILE IWD.10

STEP: .10 IN. AT 517.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.34	68.28	51.31	3.06
1.0	12.03	19.58	15.81	3.51
2.0	3.98	5.63	4.80	4.21
4.0	1.54	1.95	1.75	4.18
8.0	.75	.82	.79	3.62
16.0	.40	.43	.41	3.37
32.0	.24	.22	.23	3.17
64.0	.11	.09	.10	3.11
128.0	.02	.02	.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.76

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

2 36.76 4.25 51.31 15.81 4.804 1.746 .7861 .4141 .2258 .1005 .0208

IH-10 SAN ANTONIO AUG 87 WEST CONTROL WESTBOUND, INSIDE, BOTH PATHS, XW1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWXW10

STEP: 1.29 IN. AT 591.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	133.74	77.72	105.73	2.45
1.0	37.92	23.53	30.72	2.57
2.0	10.01	6.82	8.41	3.01
4.0	2.92	2.11	2.52	3.49
8.0	1.00	.95	.98	3.31
16.0	.49	.58	.53	2.99
32.0	.32	.38	.35	2.43
64.0	.16	.20	.18	2.22
128.0	.02	.03	.02	3.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.57

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

1 60.23 4.10 105.73 30.72 8.414 2.515 .9766 .5346 .3501 .1777 .0218

IH-10 SAN ANTONIO AUG 87 WEST CONTROL EASTBOUND,CENTER,BOTH PATHS,XW1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEXW10

STEP: .10 IN. AT 540.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.87	63.78	50.82	3.07
1.0	12.39	18.22	15.31	3.54
2.0	4.00	5.91	4.96	4.15
4.0	1.37	1.63	1.50	4.41
8.0	.57	.63	.60	3.94
16.0	.36	.36	.36	3.54
32.0	.26	.26	.26	2.95
64.0	.13	.13	.13	2.70
128.0	.02	.02	.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 28.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.40

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

1 28.60 4.25 50.82 15.31 4.956 1.504 .5980 .3624 .2594 .1334 .0221

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND,CENTER,BOTH PATHS,A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEA.10

STEP: .09 IN. AT 967.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.08	67.69	50.88	3.07
1.0	10.46	18.61	14.53	3.60
2.0	3.42	5.47	4.44	4.34
4.0	1.32	1.64	1.48	4.43
8.0	.62	.62	.62	3.90
16.0	.34	.33	.33	3.64
32.0	.21	.20	.20	3.33
64.0	.10	.09	.09	3.22
128.0	.01	.01	.01	3.94

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.41

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.50

2 26.41 4.50 50.88 14.53 4.443 1.479 .6192 .3336 .2019 .0922 .0118

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND,CENTER,BOTH PATHS,A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CEA.10

STEP: .16 IN. AT 336.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.27	71.02	52.64	3.05
1.0	11.03	20.31	15.67	3.52
2.0	3.48	5.90	4.69	4.25
4.0	1.32	1.79	1.55	4.36
8.0	.67	.74	.71	3.75
16.0	.43	.44	.44	3.29
32.0	.25	.26	.25	3.00
64.0	.10	.10	.10	3.13
128.0	.02	.02	.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

2 33.93 4.29 52.64 15.67 4.690 1.554 .7060 .4374 .2511 .0987 .0202

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND,CENTER,BOTH PATHS,B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEB.10

STEP: .18 IN. AT 323.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.31	72.21	53.76	3.03
1.0	10.89	19.00	14.95	3.57
2.0	3.63	5.90	4.76	4.22
4.0	1.42	1.79	1.61	4.31
8.0	.63	.70	.66	3.83
16.0	.40	.40	.40	3.42
32.0	.23	.22	.23	3.14
64.0	.10	.09	.09	3.19
128.0	.02	.02	.02	3.67

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.74

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

2 32.74 4.33 53.76 14.95 4.763 1.606 .6633 .3964 .2291 .0943 .0181

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND,CENTER,BOTH PATHS,B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CEB.10

STEP: .09 IN. AT 1044.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.10	74.60	54.35	3.03
1.0	10.77	19.72	15.24	3.55
2.0	3.44	5.73	4.58	4.29
4.0	1.27	1.71	1.49	4.42
8.0	.60	.67	.64	3.87
16.0	.39	.42	.41	3.39
32.0	.28	.30	.29	2.78
64.0	.12	.13	.13	2.79
128.0	.02	.03	.02	3.40

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

2 30.80 4.20 54.35 15.24 4.584 1.490 .6355 .4066 .2874 .1253 .0247

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND,CENTER,BOTH PATHS,C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEC.10

STEP: .15 IN. AT 40.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.74	74.08	54.41	3.02
1.0	11.27	20.09	15.68	3.52
2.0	4.28	5.71	5.00	4.14
4.0	1.59	1.84	1.72	4.20
8.0	.66	.68	.67	3.82
16.0	.40	.42	.41	3.37
32.0	.27	.26	.26	2.94
64.0	.11	.11	.11	2.99
128.0	.02	.02	.02	3.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.13

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

3 36.13 4.22 54.41 15.68 4.996 1.720 .6691 .4129 .2607 .1095 .0223

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, CENTER, BOTH PATHS, C2

820 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CEC.10

STEP: .09 IN. AT 324.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.99	68.98	51.48	3.06
1.0	11.16	19.52	15.34	3.54
2.0	3.59	5.87	4.73	4.23
4.0	1.23	1.68	1.46	4.45
8.0	.52	.63	.58	3.98
16.0	.26	.32	.29	3.79
32.0	.15	.20	.17	3.53
64.0	.07	.08	.08	3.43
128.0	.01	.02	.01	3.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 23.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.53

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.47

3 23.55 4.47 51.48 15.34 4.732 1.457 .5766 .2916 .1744 .0775 .0128

IH-10 SAN ANTONIO AUG 87 MID CONTROL EASTBOUND, CENTER, BOTH PATHS, C3

421 FT. SECTION BEGINS 1876 FT. FROM MARK 0 IN FILE CEC.10

STEP: .23 IN. AT 233.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.79	73.79	55.29	3.01
1.0	11.66	21.01	16.33	3.47
2.0	3.76	6.20	4.98	4.14
4.0	1.40	1.99	1.69	4.23
8.0	.53	.54	.53	4.05
16.0	.26	.25	.25	3.93
32.0	.17	.15	.16	3.62
64.0	.10	.09	.10	3.16
128.0	.03	.03	.03	3.16

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.02

3 26.45 4.02 55.29 16.33 4.981 1.693 .5335 .2531 .1620 .0964 .0311

IH-10 SAN ANTONIO AUG 87 EAST TEST EASTBOUND,CENTER,BOTH PATHS,D1

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CED.10

STEP: .10 IN. AT 378.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.48	67.02	51.25	3.06
1.0	11.31	18.46	14.89	3.57
2.0	3.49	5.31	4.40	4.35
4.0	1.22	1.60	1.41	4.50
8.0	.58	.60	.59	3.95
16.0	.34	.34	.34	3.62
32.0	.18	.17	.18	3.49
64.0	.09	.08	.08	3.33
128.0	.01	.01	.01	3.93

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.50

2 25.10 4.50 51.25 14.89 4.401 1.406 .5897 .3382 .1790 .0840 .0120

IH-10 SAN ANTONIO AUG 87 EAST TEST EASTBOUND,CENTER,BOTH PATHS,D2

819 FT. SECTION BEGINS 819 FT. FROM MARK 0 IN FILE CED.10

STEP: .12 IN. AT 118.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.07	77.40	56.73	3.00
1.0	11.27	20.08	15.67	3.52
2.0	3.59	5.94	4.76	4.22
4.0	1.48	1.86	1.67	4.25
8.0	.74	.85	.79	3.61
16.0	.46	.51	.48	3.15
32.0	.28	.28	.28	2.84
64.0	.15	.13	.14	2.65
128.0	.04	.04	.04	2.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 38.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.12

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

2 38.87 3.86 56.73 15.67 4.763 1.668 .7937 .4807 .2772 .1378 .0384

IH-10 SAN ANTONIO AUG 87 EAST CONTROL EASTBOUND, CENTER, BOTH PATHS, XE1

940 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEXE10

STEP: .10 IN. AT 462.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.97	67.90	51.93	3.05
1.0	11.71	18.98	15.35	3.54
2.0	3.85	5.78	4.81	4.20
4.0	1.35	1.70	1.52	4.39
8.0	.65	.70	.68	3.80
16.0	.39	.41	.40	3.40
32.0	.25	.25	.25	3.00
64.0	.12	.11	.12	2.92
128.0	.02	.02	.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.33

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.32

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.28

1 31.33 4.28 51.93 15.35 4.813 1.524 .6766 .4031 .2518 .1151 .0209

IH-10 SAN ANTONIO AUG 87 EAST CONTROL WESTBOUND, CENTER, BOTH PATHS, XE1

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWXE10

STEP: .12 IN. AT 790.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.00	65.66	51.33	3.06
1.0	11.57	17.85	14.71	3.59
2.0	3.57	5.27	4.42	4.34
4.0	1.28	1.59	1.44	4.47
8.0	.63	.68	.66	3.84
16.0	.39	.41	.40	3.41
32.0	.22	.22	.22	3.20
64.0	.08	.08	.08	3.39
128.0	.01	.01	.01	3.82

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.26

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.44

1 29.26 4.44 51.33 14.71 4.422 1.437 .6569 .3997 .2214 .0801 .0146

IH-10 SAN ANTONIO AUG 87 EAST TEST WESTBOUND,CENTER,BOTH PATHS,A1

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWA.10

STEP: .10 IN. AT 336.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.80	65.68	49.24	3.09
1.0	10.82	17.40	14.11	3.63
2.0	3.84	5.14	4.49	4.32
4.0	1.59	1.84	1.71	4.21
8.0	1.06	1.09	1.08	3.16
16.0	.80	.82	.81	2.26
32.0	.54	.53	.53	1.64
64.0	.26	.23	.25	1.66
128.0	.06	.05	.06	2.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.43

3 58.71 3.43 49.24 14.11 4.488 1.713 1.0767 .8126 .5328 .2452 .0566

IH-10 SAN ANTONIO AUG 87 EAST TEST WESTBOUND,CENTER,BOTH PATHS,A2

788 FT. SECTION BEGINS 788 FT. FROM MARK 0 IN FILE CWA.10

STEP: .10 IN. AT 117.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.88	74.02	53.45	3.04
1.0	10.59	20.30	15.44	3.53
2.0	3.64	5.72	4.68	4.25
4.0	1.25	1.73	1.49	4.42
8.0	.58	.64	.61	3.92
16.0	.36	.35	.36	3.56
32.0	.22	.22	.22	3.20
64.0	.09	.08	.08	3.37
128.0	.02	.02	.02	3.75

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

3 27.98 4.39 53.45 15.44 4.676 1.489 .6075 .3574 .2213 .0812 .0161

IH-10 SAN ANTONIO AUG 87 MID CONTROL WESTBOUND,CENTER,BOTH PATHS,A3

352 FT. SECTION BEGINS 1576 FT. FROM MARK 0 IN FILE CWA.10

STEP: .10 IN. AT 11.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.77	78.16	55.96	3.01
1.0	11.25	21.26	16.25	3.48
2.0	3.50	5.58	4.54	4.30
4.0	1.31	1.68	1.49	4.42
8.0	.66	.65	.65	3.84
16.0	.42	.40	.41	3.37
32.0	.33	.31	.32	2.58
64.0	.17	.16	.17	2.31
128.0	.01	.01	.01	3.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.19

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

3 31.19 4.45 55.96 16.25 4.537 1.493 .6546 .4122 .3214 .1687 .0138

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND,CENTER,BOTH PATHS,B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWB.10

STEP: .14 IN. AT 868.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.20	78.65	56.93	2.99
1.0	10.68	21.25	15.97	3.50
2.0	3.29	5.92	4.61	4.28
4.0	1.20	1.79	1.50	4.41
8.0	.55	.69	.62	3.90
16.0	.31	.32	.31	3.71
32.0	.21	.21	.21	3.25
64.0	.11	.11	.11	2.99
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.34

2 25.65 4.34 56.93 15.97 4.608 1.497 .6175 .3133 .2129 .1091 .0183

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND,CENTER,BOTH PATHS,B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CWB.10

STEP: .13 IN. AT 974.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.84	77.49	57.17	2.99
1.0	11.35	20.66	16.01	3.49
2.0	3.45	5.76	4.61	4.28
4.0	1.35	1.88	1.61	4.30
8.0	.63	.70	.67	3.82
16.0	.32	.32	.32	3.69
32.0	.18	.16	.17	3.57
64.0	.09	.08	.08	3.35
128.0	.01	.01	.01	3.95

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 28.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.40

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.48

2 28.45 4.48 57.17 16.01 4.607 1.612 .6665 .3187 .1684 .0830 .0115

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND,CENTER,BOTH PATHS,C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWC.10

STEP: .14 IN. AT 551.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.25	83.63	60.44	2.95
1.0	11.90	22.26	17.08	3.42
2.0	3.78	6.15	4.96	4.15
4.0	1.78	2.13	1.96	3.99
8.0	1.08	1.12	1.10	3.12
16.0	.81	.82	.82	2.25
32.0	.54	.53	.54	1.64
64.0	.22	.21	.21	1.92
128.0	.05	.05	.05	2.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.56

2 64.16 3.56 60.44 17.08 4.962 1.956 1.1022 .8159 .5350 .2112 .0494

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND,CENTER,BOTH PATHS,C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE CWC.10

STEP: .14 IN. AT 996.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.46	76.27	56.36	3.00
1.0	11.64	20.07	15.85	3.50
2.0	3.83	5.67	4.75	4.23
4.0	1.59	1.91	1.75	4.18
8.0	.90	.91	.91	3.42
16.0	.59	.53	.56	2.91
32.0	.34	.30	.32	2.60
64.0	.12	.10	.11	2.97
128.0	.02	.02	.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.95

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

2 45.27 4.25 56.36 15.85 4.746 1.748 .9054 .5627 .3191 .1111 .0210

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND,CENTER,BOTH PATHS,D1

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWD.10

STEP: .11 IN. AT 394.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.12	70.48	51.80	3.06
1.0	10.09	19.16	14.63	3.59
2.0	3.21	5.10	4.16	4.44
4.0	1.32	1.69	1.51	4.40
8.0	.70	.77	.74	3.70
16.0	.45	.48	.46	3.21
32.0	.28	.28	.28	2.81
64.0	.11	.09	.10	3.09
128.0	.02	.02	.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.37

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

2 34.37 4.36 51.80 14.63 4.156 1.505 .7377 .4533 .2021 .1020 .0177

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND,CENTER,BOTH PATHS,D2

938 FT. SECTION BEGINS 938 FT. FROM MARK 0 IN FILE CWD.10

STEP: .09 IN. AT 699.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.57	67.56	51.57	3.06
1.0	10.00	18.23	14.12	3.63
2.0	2.92	4.87	3.90	4.53
4.0	1.07	1.43	1.25	4.64
8.0	.48	.49	.48	4.14
16.0	.29	.24	.26	3.89
32.0	.19	.15	.17	3.55
64.0	.10	.07	.09	3.31
128.0	.03	.02	.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 17.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.69

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.32

2 17.51 4.32 51.57 14.12 3.897 1.253 .4842 .2628 .1710 .0854 .0208

IH-10 SAN ANTONIO AUG 87 WEST CONTROL WESTBOUND,CENTER,BOTH PATHS,XW1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWXW10

STEP: .77 IN. AT 600.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	86.60	74.87	80.73	2.72
1.0	25.84	21.24	23.54	2.99
2.0	8.22	6.59	7.40	3.32
4.0	2.66	2.09	2.38	3.61
8.0	.84	.71	.78	3.63
16.0	.38	.37	.37	3.51
32.0	.21	.23	.22	3.19
64.0	.10	.11	.11	3.04
128.0	.02	.02	.02	3.60

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.01

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

1 48.01 4.17 80.73 23.54 7.404 2.378 .7794 .3718 .2220 .1053 .0199

IH-10 SAN ANTONIO AUG 87 WEST CONTROL EASTBOUND, OUTSIDE, BOTH PATHS, XW1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEXW10

STEP: .09 IN. AT 214.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.87	66.13	49.00	3.09
1.0	11.30	20.07	15.69	3.52
2.0	4.03	6.75	5.39	3.99
4.0	1.32	1.87	1.59	4.32
8.0	.63	.73	.68	3.80
16.0	.43	.45	.44	3.28
32.0	.31	.31	.31	2.66
64.0	.13	.14	.14	2.67
128.0	.01	.02	.02	3.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.92

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

1 34.92 4.37 49.00 15.69 5.394 1.592 .6791 .4401 .3089 .1356 .0164

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, OUTSIDE, BOTH PATHS, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEA.10

STEP: .10 IN. AT 736.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.96	62.79	48.37	3.10
1.0	11.33	18.24	14.79	3.58
2.0	3.57	5.73	4.65	4.26
4.0	1.25	1.65	1.45	4.46
8.0	.55	.63	.59	3.96
16.0	.36	.36	.36	3.55
32.0	.26	.24	.25	3.03
64.0	.13	.12	.12	2.81
128.0	.02	.02	.02	3.76

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

2 27.16 4.40 48.37 14.79 4.650 1.446 .5885 .3590 .2472 .1235 .0159

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, OUTSIDE, BOTH PATHS, A2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE DEA.10

STEP: .08 IN. AT 669.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.16	66.12	50.14	3.08
1.0	10.80	18.74	14.77	3.58
2.0	3.51	6.02	4.77	4.22
4.0	1.27	1.66	1.47	4.44
8.0	.70	.74	.72	3.73
16.0	.49	.48	.48	3.15
32.0	.29	.27	.28	2.82
64.0	.10	.10	.10	3.13
128.0	.02	.03	.03	3.36

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

2 34.58 4.17 50.14 14.77 4.769 1.468 .7220 .4812 .2803 .0984 .0259

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, OUTSIDE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE DEB.10

STEP: .12 IN. AT 418.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.46	70.33	52.89	3.04
1.0	11.55	20.23	15.89	3.50
2.0	3.74	6.36	5.05	4.12
4.0	1.53	2.09	1.81	4.12
8.0	.76	.85	.81	3.58
16.0	.46	.47	.46	3.21
32.0	.30	.29	.29	2.74
64.0	.15	.14	.14	2.58
128.0	.02	.02	.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 40.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.07

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

2 40.90 4.25 52.89 15.89 5.048 1.807 .8066 .4635 .2938 .1437 .0202

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, OUTSIDE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE DEC.10

STEP: .10 IN. AT 995.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.35	69.21	51.78	3.06
1.0	11.84	19.72	15.78	3.51
2.0	3.69	5.95	4.82	4.20
4.0	1.39	1.83	1.61	4.31
8.0	.69	.79	.74	3.70
16.0	.46	.49	.48	3.16
32.0	.31	.31	.31	2.67
64.0	.14	.14	.14	2.59
128.0	.03	.03	.03	3.31

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.43

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.12

z 37.43 4.12 51.78 15.78 4.819 1.610 .7395 .4775 .3063 .1423 .0272

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, OUTSIDE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE DEC.10

STEP: .13 IN. AT 93.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.66	71.69	52.18	3.05
1.0	10.95	20.98	15.96	3.50
2.0	3.78	6.11	4.94	4.15
4.0	1.49	1.95	1.72	4.20
8.0	.78	.82	.80	3.60
16.0	.50	.54	.52	3.04
32.0	.32	.34	.33	2.55
64.0	.13	.13	.13	2.71
128.0	.03	.03	.03	3.12

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 42.11

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.03

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.99

3 42.11 3.99 52.18 15.96 4.945 1.721 .7997 .5176 .3272 .1320 .0321

IH-10 SAN ANTONIO AUG 87 WEST TEST EASTBOUND, OUTSIDE, BOTH PATHS, C2

820 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE DEC.10

STEP: .10 IN. AT 336.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.01	77.61	55.31	3.01
1.0	10.66	20.83	15.75	3.51
2.0	3.36	6.34	4.85	4.19
4.0	1.27	1.96	1.62	4.30
8.0	.60	.73	.67	3.82
16.0	.30	.42	.36	3.55
32.0	.16	.28	.22	3.22
64.0	.07	.11	.09	3.23
128.0	.01	.02	.02	3.78

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

3 30.90 4.39 55.31 15.75 4.851 1.619 .6651 .3594 .2180 .0914 .0155

IH-10 SAN ANTONIO AUG 87 MID CONTROL EASTBOUND, OUTSIDE, BOTH PATHS, C3

421 FT. SECTION BEGINS 1876 FT. FROM MARK 0 IN FILE DEC.10

STEP: .08 IN. AT 74.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.93	68.29	51.11	3.06
1.0	11.17	18.97	15.07	3.56
2.0	4.04	6.02	5.03	4.12
4.0	1.71	2.08	1.90	4.04
8.0	.82	.71	.76	3.66
16.0	.54	.45	.50	3.10
32.0	.33	.33	.33	2.53
64.0	.14	.19	.16	2.39
128.0	.01	.03	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 44.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.96

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

3 44.68 4.21 51.11 15.07 5.029 1.895 .7625 .4967 .3310 .1609 .0215

IH-10 SAN ANTONIO AUG 87 EAST TEST EASTBOUND, OUTSIDE, BOTH PATHS, D1

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OED.10

STEP: .09 IN. AT 504.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.56	67.70	50.13	3.08
1.0	11.46	19.63	15.54	3.53
2.0	3.76	6.06	4.91	4.17
4.0	1.35	1.63	1.49	4.42
8.0	.66	.68	.67	3.81
16.0	.42	.41	.42	3.36
32.0	.27	.25	.26	2.95
64.0	.13	.12	.12	2.83
128.0	.01	.01	.01	4.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.36

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.32

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.52

2 31.36 4.52 50.13 15.54 4.911 1.490 .6698 .4163 .2594 .1226 .0105

IH-10 SAN ANTONIO AUG 87 EAST TEST EASTBOUND, OUTSIDE, BOTH PATHS, D2

819 FT. SECTION BEGINS 819 FT. FROM MARK 0 IN FILE OED.10

STEP: .20 IN. AT 374.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.66	74.84	54.25	3.03
1.0	11.02	20.09	15.55	3.53
2.0	3.94	6.45	5.19	4.07
4.0	1.53	2.07	1.80	4.13
8.0	.83	.85	.84	3.53
16.0	.59	.56	.57	2.87
32.0	.42	.36	.39	2.24
64.0	.22	.19	.21	1.96
128.0	.05	.06	.05	2.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.11

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.90

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.52

2 47.11 3.52 54.25 15.55 5.193 1.803 .8417 .5743 .3891 .2064 .0521

IH-10 SAN ANTONIO AUG 87 EAST CONTROL EASTBOUND, OUTSIDE, BOTH PATHS, XE1

940 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEXE10

STEP: .12 IN. AT 903.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.59	71.42	52.00	3.05
1.0	11.02	19.90	15.46	3.53
2.0	3.90	6.09	4.99	4.14
4.0	1.37	1.84	1.60	4.31
8.0	.69	.77	.73	3.71
16.0	.46	.47	.47	3.20
32.0	.31	.32	.31	2.64
64.0	.14	.14	.14	2.58
128.0	.02	.02	.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.28

1 36.60 4.28 52.00 15.46 4.992 1.603 .7284 .4658 .3118 .1433 .0204

IH-10 SAN ANTONIO AUG 87 EAST CONTROL WESTBOUND, OUTSIDE, BOTH PATHS, XE1

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWXE10

STEP: .10 IN. AT 783.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.13	68.14	51.64	3.06
1.0	11.29	18.27	14.78	3.58
2.0	3.61	5.10	4.36	4.37
4.0	1.45	1.61	1.53	4.38
8.0	.81	.77	.79	3.62
16.0	.54	.49	.52	3.04
32.0	.30	.28	.29	2.77
64.0	.10	.09	.10	3.16
128.0	.02	.02	.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.94

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

1 37.94 4.31 51.64 14.78 4.356 1.531 .7870 .5163 .2892 .0966 .0195

IH-10 SAN ANTONIO AUG 87 EAST TEST WESTBOUND, OUTSIDE, BOTH PATHS, A1

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWA.10

STEP: .10 IN. AT 105.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.55	69.00	52.28	3.05
1.0	12.93	18.77	15.85	3.50
2.0	4.00	5.59	4.80	4.21
4.0	1.62	1.85	1.73	4.19
8.0	1.00	.99	1.00	3.28
16.0	.71	.72	.71	2.50
32.0	.45	.48	.47	1.89
64.0	.23	.25	.24	1.69
128.0	.05	.05	.05	2.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.73

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.62

3 53.58 3.62 52.28 15.85 4.798 1.734 .9954 .7143 .4666 .2409 .0481

IH-10 SAN ANTONIO AUG 87 EAST TEST WESTBOUND, OUTSIDE, BOTH PATHS, A2

788 FT. SECTION BEGINS 788 FT. FROM MARK 0 IN FILE OWA.10

STEP: .10 IN. AT 595.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.05	72.12	54.08	3.03
1.0	12.58	19.82	16.20	3.48
2.0	4.11	6.39	5.25	4.05
4.0	1.40	1.96	1.68	4.24
8.0	.64	.77	.71	3.75
16.0	.42	.47	.44	3.27
32.0	.28	.29	.28	2.81
64.0	.13	.12	.13	2.78
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.17

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

3 37.04 4.31 54.08 16.20 5.249 1.683 .7077 .4428 .2816 .1260 .0184

IH-10 SAN ANTONIO AUG 87 MID CONTROL WESTBOUND, OUTSIDE, BOTH PATHS, A3

352 FT. SECTION BEGINS 1576 FT. FROM MARK 0 IN FILE OWA.10

STEP: .11 IN. AT 342.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.87	74.65	53.76	3.03
1.0	10.51	18.87	14.69	3.59
2.0	3.33	5.40	4.37	4.36
4.0	1.32	1.61	1.46	4.44
8.0	.64	.66	.65	3.85
16.0	.49	.45	.47	3.18
32.0	.36	.33	.34	2.46
64.0	.17	.16	.16	2.35
128.0	.02	.02	.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

3 33.99 4.38 53.76 14.69 4.367 1.462 .6472 .4730 .3446 .1647 .0171

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, OUTSIDE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWB.10

STEP: .14 IN. AT 972.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.96	68.85	51.41	3.06
1.0	11.21	19.13	15.17	3.55
2.0	3.44	5.22	4.33	4.38
4.0	1.18	1.54	1.36	4.54
8.0	.55	.59	.57	3.99
16.0	.34	.35	.34	3.61
32.0	.22	.23	.22	3.18
64.0	.10	.10	.10	3.10
128.0	.02	.02	.02	3.63

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.52

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.35

2 24.23 4.35 51.41 15.17 4.331 1.356 .5696 .3420 .2238 .1012 .0190

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, OUTSIDE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE DWB.10

STEP: .14 IN. AT 831.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.13	74.27	54.20	3.03
1.0	11.49	21.24	16.36	3.47
2.0	3.57	5.79	4.68	4.25
4.0	1.20	1.76	1.48	4.42
8.0	.55	.63	.59	3.95
16.0	.36	.32	.34	3.62
32.0	.27	.23	.25	3.02
64.0	.13	.11	.12	2.85
128.0	.02	.02	.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.88

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

2 26.88 4.30 54.20 16.36 4.676 1.484 .5929 .3397 .2478 .1204 .0200

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, OUTSIDE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE DWC.10

STEP: .10 IN. AT 999.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.30	76.78	57.04	2.99
1.0	12.27	20.20	16.23	3.48
2.0	3.93	5.78	4.85	4.19
4.0	1.58	1.86	1.72	4.21
8.0	.84	.94	.89	3.45
16.0	.60	.67	.64	2.70
32.0	.40	.45	.43	2.07
64.0	.17	.19	.18	2.23
128.0	.03	.04	.04	2.98

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.76

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

2 48.76 3.90 57.04 16.23 4.854 1.717 .8885 .6358 .4252 .1767 .0361

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, OUTSIDE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 1056 FT. FROM MARK 0 IN FILE OWC.10

STEP: .12 IN. AT 869.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.39	68.96	51.18	3.06
1.0	11.21	18.51	14.86	3.58
2.0	3.79	5.30	4.55	4.30
4.0	1.59	1.77	1.68	4.24
8.0	.85	.88	.87	3.49
16.0	.54	.59	.57	2.90
32.0	.30	.37	.33	2.51
64.0	.12	.14	.13	2.77
128.0	.02	.02	.02	3.51

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 43.97

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

2 43.97 4.23 51.18 14.86 4.545 1.680 .8657 .5658 .3346 .1270 .0219

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, OUTSIDE, BOTH PATHS, D1

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWD.10

STEP: .18 IN. AT 275.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.75	75.70	55.72	3.01
1.0	11.51	20.29	15.90	3.50
2.0	3.80	5.70	4.75	4.22
4.0	1.65	1.93	1.79	4.14
8.0	.94	.93	.93	3.38
16.0	.64	.61	.63	2.73
32.0	.40	.39	.39	2.22
64.0	.16	.16	.16	2.39
128.0	.03	.03	.03	3.34

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 49.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.83

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.12

2 49.79 4.12 55.72 15.90 4.752 1.789 .9330 .6268 .3924 .1612 .0254

IH-10 SAN ANTONIO AUG 87 WEST TEST WESTBOUND, OUTSIDE, BOTH PATHS, D2

938 FT. SECTION BEGINS 938 FT. FROM MARK 0 IN FILE OWD.10

STEP: .09 IN. AT 776.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.79	69.75	52.77	3.04
1.0	11.13	19.13	15.13	3.56
2.0	3.79	5.38	4.59	4.29
4.0	1.39	1.68	1.53	4.38
8.0	.65	.63	.64	3.86
16.0	.42	.38	.40	3.42
32.0	.27	.25	.26	2.94
64.0	.13	.09	.11	2.97
128.0	.02	.02	.02	3.60

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

2 31.22 4.30 52.77 15.13 4.585 1.535 .6436 .3969 .2618 .1110 .0199

IH-10 SAN ANTONIO AUG 87 WEST CONTROL WESTBOUND, OUTSIDE, BOTH PATHS, XW1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWXW10

STEP: .26 IN. AT 604.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	40.98	68.89	54.94	3.02
1.0	16.08	20.63	18.36	3.33
2.0	6.22	7.32	6.77	3.52
4.0	2.01	2.53	2.27	3.71
8.0	.71	.82	.76	3.66
16.0	.37	.34	.36	3.56
32.0	.21	.21	.21	3.29
64.0	.09	.09	.09	3.23
128.0	.02	.02	.02	3.64

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 44.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.96

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

1 44.80 4.21 54.94 18.36 6.768 2.268 .7634 .3571 .2081 .0911 .0188

US281 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, A

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 05.281

STEP: .10 IN. AT 474.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.17	58.54	46.86	3.12
1.0	14.72	18.01	16.36	3.47
2.0	6.19	6.40	6.29	3.68
4.0	2.55	2.58	2.57	3.45
8.0	1.04	1.12	1.08	3.16
16.0	.55	.58	.57	2.89
32.0	.33	.37	.35	2.43
64.0	.13	.15	.14	2.59
128.0	.03	.03	.03	3.23

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.19

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

2 63.19 3.93 46.86 16.36 6.294 2.567 1.0801 .5670 .3507 .1426 .0292

US281 SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B

1125 FT. SECTION BEGINS 1125 FT. FROM MARK 0 IN FILE 05.281

STEP: .13 IN. AT 383.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.94	57.52	48.73	3.09
1.0	17.51	18.99	18.25	3.34
2.0	7.08	7.40	7.24	3.37
4.0	3.11	2.99	3.05	3.07
8.0	1.35	1.28	1.32	2.82
16.0	.68	.67	.67	2.60
32.0	.38	.41	.39	2.22
64.0	.15	.18	.16	2.37
128.0	.03	.03	.03	3.27

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 79.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.11

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.88

2 79.69 3.88 48.73 18.25 7.239 3.049 1.3153 .6739 .3932 .1629 .0282

US281 SAN ANTONIO AUG 87 CTRL NORTHBOUND, OUTSIDE LANE, BOTH PATHS, A

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ON.281

STEP: .18 IN. AT 980.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.83	80.83	58.83	2.97
1.0	14.21	21.91	18.06	3.35
2.0	5.53	6.52	6.02	3.77
4.0	1.88	2.32	2.10	3.86
8.0	1.22	1.27	1.24	2.93
16.0	.92	.92	.92	2.04
32.0	.54	.57	.56	1.56
64.0	.21	.22	.22	1.89
128.0	.05	.05	.05	2.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.51

2 73.04 3.51 58.83 18.06 6.025 2.099 1.2405 .9176 .5564 .2153 .0504

US281 SAN ANTONIO AUG 87 CTRL NORTHBOUND, OUTSIDE LANE, BOTH PATHS, B

1125 FT. SECTION BEGINS 1125 FT. FROM MARK 0 IN FILE ON.281

STEP: .19 IN. AT 244.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.07	82.42	58.75	2.97
1.0	13.41	21.97	17.69	3.38
2.0	5.46	6.41	5.94	3.80
4.0	2.07	2.04	2.06	3.89
8.0	1.04	.97	1.00	3.27
16.0	.65	.62	.64	2.70
32.0	.34	.36	.35	2.42
64.0	.15	.17	.16	2.43
128.0	.05	.06	.05	2.45

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.46

2 56.21 3.46 58.75 17.69 5.935 2.056 1.0016 .6382 .3522 .1572 .0527

US281 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,A

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CS.281

STEP: .18 IN. AT 803.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	40.20	61.06	50.63	3.07
1.0	18.78	21.65	20.22	3.20
2.0	7.47	8.30	7.89	3.17
4.0	2.98	3.44	3.21	2.95
8.0	1.15	1.43	1.29	2.86
16.0	.53	.58	.56	2.92
32.0	.30	.32	.31	2.65
64.0	.14	.14	.14	2.66
128.0	.03	.03	.03	3.09

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 76.53

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.75

2 76.53 3.75 50.63 20.22 7.888 3.208 1.2900 .5580 .3094 .1362 .0330

US281 SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,B

1125 FT. SECTION BEGINS 1125 FT. FROM MARK 0 IN FILE CS.281

STEP: .11 IN. AT 719.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.58	66.37	51.98	3.05
1.0	16.54	22.15	19.35	3.26
2.0	6.89	8.36	7.63	3.25
4.0	2.88	3.38	3.13	3.01
8.0	1.17	1.38	1.28	2.88
16.0	.62	.64	.63	2.72
32.0	.40	.43	.41	2.14
64.0	.19	.19	.19	2.12
128.0	.03	.03	.03	3.21

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 78.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.13

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.83

2 78.90 3.83 51.98 19.35 7.627 3.128 1.2759 .6302 .4105 .1891 .0298

US281 SAN ANTONIO AUG 87 CTRL NORTHBOUND, CENTER LANE, BOTH PATHS, A

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CN.281

STEP: .18 IN. AT 273.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.84	76.15	55.49	3.01
1.0	11.09	20.25	15.67	3.52
2.0	4.25	5.84	5.04	4.12
4.0	1.67	1.94	1.80	4.13
8.0	.99	.96	.97	3.32
16.0	.72	.66	.69	2.55
32.0	.47	.42	.45	1.98
64.0	.17	.15	.16	2.37
128.0	.04	.04	.04	2.93

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.76

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.73

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.85

2 53.76 3.85 55.49 15.67 5.043 1.801 .9745 .6918 .4455 .1627 .0377

US281 SAN ANTONIO AUG 87 CTRL NORTHBOUND, CENTER LANE, BOTH PATHS, B

1125 FT. SECTION BEGINS 1125 FT. FROM MARK 0 IN FILE CN.281

STEP: .18 IN. AT 255.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.90	72.58	53.24	3.04
1.0	11.34	19.32	15.33	3.54
2.0	4.31	5.71	5.01	4.13
4.0	1.76	1.95	1.86	4.08
8.0	.87	.90	.89	3.46
16.0	.56	.58	.57	2.88
32.0	.34	.36	.35	2.44
64.0	.18	.19	.19	2.14
128.0	.06	.05	.06	2.36

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.18

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.42

2 48.18 3.42 53.24 15.33 5.006 1.855 .8863 .5734 .3479 .1865 .0560

US281 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, A

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IS.281

STEP: .15 IN. AT 710.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	42.57	62.45	52.51	3.05
1.0	20.42	22.79	21.60	3.11
2.0	8.06	9.31	8.68	2.94
4.0	3.02	3.83	3.43	2.79
8.0	1.31	1.69	1.50	2.59
16.0	.71	.87	.79	2.31
32.0	.38	.46	.42	2.08
64.0	.15	.19	.17	2.30
128.0	.03	.04	.03	3.07

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 94.52

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.80

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.70

2 94.52 3.70 52.51 21.60 8.683 3.429 1.5006 .7905 .4224 .1701 .0337

US281 SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B

1125 FT. SECTION BEGINS 1125 FT. FROM MARK 0 IN FILE IS.281

STEP: .11 IN. AT 718.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.37	63.16	51.27	3.06
1.0	19.13	21.67	20.40	3.19
2.0	7.26	7.94	7.60	3.26
4.0	2.93	3.28	3.10	3.03
8.0	1.22	1.49	1.35	2.77
16.0	.65	.78	.72	2.49
32.0	.36	.42	.39	2.24
64.0	.16	.16	.16	2.39
128.0	.03	.03	.03	3.20

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 83.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.03

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.83

2 83.35 3.83 51.27 20.40 7.602 3.103 1.3532 .7177 .3890 .1614 .0301

US281 SAN ANTONIO AUG 87 CTRL NORTHBOUND, INSIDE LANE, BOTH PATHS, A

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IN.281

STEP: .14 IN. AT 1053.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.67	69.15	51.91	3.06
1.0	11.15	18.38	14.77	3.58
2.0	4.27	5.29	4.78	4.21
4.0	1.68	1.74	1.71	4.21
8.0	.81	.79	.80	3.60
16.0	.54	.50	.52	3.04
32.0	.36	.33	.34	2.47
64.0	.14	.13	.13	2.69
128.0	.03	.03	.03	3.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 42.01

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.04

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

2 42.01 4.06 51.91 14.77 4.779 1.714 .7980 .5185 .3432 .1344 .0290

US281 SAN ANTONIO AUG 87 CTRL NORTHBOUND, INSIDE LANE, BOTH PATHS, B

1125 FT. SECTION BEGINS 1125 FT. FROM MARK 0 IN FILE IN.281

STEP: .10 IN. AT 214.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.24	72.09	53.66	3.03
1.0	11.97	19.73	15.85	3.50
2.0	4.69	5.66	5.18	4.07
4.0	1.81	1.86	1.84	4.09
8.0	.87	.89	.88	3.46
16.0	.55	.57	.56	2.91
32.0	.35	.35	.35	2.43
64.0	.18	.17	.18	2.24
128.0	.04	.04	.04	2.91

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.90

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.84

2 47.16 3.84 53.66 15.85 5.178 1.839 .8812 .5617 .3506 .1764 .0381

MCMULLEN SAN ANTONIO AUG 87 NORTH CTRL SOUTHBOUND, OUTSIDE, BOTH PATHS, OS1

600 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OS.MCM

STEP: .44 IN. AT 246.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	115.16	85.67	100.41	2.51
1.0	45.93	33.86	39.90	2.11
2.0	15.57	11.84	13.71	1.81
4.0	5.08	3.91	4.50	2.14
8.0	2.10	1.69	1.89	2.14
16.0	1.14	.91	1.03	1.82
32.0	.65	.57	.61	1.39
64.0	.29	.30	.30	1.33
128.0	.07	.07	.07	2.07

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 131.03

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 2.75

3 131.03 2.75 100.41 39.90 13.705 4.497 1.8946 1.0267 .6102 .2954 .0668

MCMULLEN SAN ANTONIO AUG 87 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, OS2

600 FT. SECTION BEGINS 600 FT. FROM MARK 0 IN FILE OS.MCM

STEP: .23 IN. AT 545.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	71.75	68.94	70.35	2.83
1.0	22.29	23.97	23.13	3.01
2.0	7.45	8.53	7.99	3.14
4.0	3.26	3.54	3.40	2.81
8.0	2.26	1.64	1.95	2.09
16.0	1.62	.83	1.23	1.49
32.0	.79	.35	.57	1.52
64.0	.19	.10	.14	2.57
128.0	.04	.02	.03	3.05

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 118.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.35

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.69

3 118.73 3.69 70.35 23.13 7.990 3.404 1.9487 1.2252 .5692 .1445 .0342

MCMULLEN SAN ANTONIO AUG 87 SOUTH CTRL SOUTHBOUND, OUTSIDE, BOTH PATHS, 053

600 FT. SECTION BEGINS 1200 FT. FROM MARK 0 IN FILE OS.MCM

STEP: .84 IN. AT 523.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	158.21	92.03	125.12	2.27
1.0	55.51	38.39	46.95	1.82
2.0	17.42	14.83	16.12	1.43
4.0	6.48	5.72	6.10	1.44
8.0	2.87	2.36	2.61	1.52
16.0	1.32	.92	1.12	1.66
32.0	.59	.39	.49	1.81
64.0	.15	.13	.14	2.65
128.0	.02	.02	.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 170.94

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.61

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.61

3 170.94 3.61 125.12 46.95 16.124 6.100 2.6132 1.1195 .4888 .1374 .0195

MCMULLEN SAN ANTONIO AUG 87 SOUTH CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, 0N1

600 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ON.MCM

STEP: .54 IN. AT 182.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	70.95	107.02	88.98	2.63
1.0	30.77	42.80	36.79	2.26
2.0	11.79	13.30	12.54	2.02
4.0	5.26	5.33	5.30	1.76
8.0	2.16	2.16	2.16	1.89
16.0	1.02	.94	.98	1.92
32.0	.61	.47	.54	1.61
64.0	.29	.25	.27	1.50
128.0	.04	.03	.03	3.15

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 145.48

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.94

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.47

3 145.48 3.47 88.98 36.79 12.545 5.295 2.1619 .9776 .5426 .2683 .0314

MCMULLEN SAN ANTONIO AUG 87 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, ON2

600 FT. SECTION BEGINS 600 FT. FROM MARK 0 IN FILE ON.MCM

STEP: .50 IN. AT 565.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	81.85	75.27	78.56	2.74
1.0	32.73	28.85	30.79	2.56
2.0	13.20	12.44	12.82	1.97
4.0	4.40	4.16	4.28	2.26
8.0	1.50	1.22	1.36	2.76
16.0	.84	.59	.71	2.50
32.0	.47	.35	.41	2.15
64.0	.15	.10	.13	2.76
128.0	.04	.03	.03	3.15

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 108.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.53

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.61

3 108.57 3.61 78.56 30.79 12.821 4.280 1.3637 .7143 .4080 .1281 .0314

MCMULLEN SAN ANTONIO AUG 87 NORTH CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, ON3

600 FT. SECTION BEGINS 1200 FT. FROM MARK 0 IN FILE ON.MCM

STEP: .68 IN. AT 413.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	83.29	104.77	94.03	2.57
1.0	33.64	36.04	34.84	2.35
2.0	11.32	10.50	10.91	2.37
4.0	4.13	3.22	3.68	2.63
8.0	1.73	1.39	1.56	2.52
16.0	1.03	.86	.95	1.97
32.0	.64	.53	.59	1.47
64.0	.25	.21	.23	1.76
128.0	.06	.04	.05	2.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 108.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.52

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.25

3 108.87 3.25 94.03 34.84 10.913 3.678 1.5559 .9481 .5857 .2318 .0509

MCMULLEN SAN ANTONIO AUG 87 NORTH CTRL SOUTHBOUND,CENTER,BOTH PATHS,A

600 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CS.MCM

STEP: .34 IN. AT 182.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	98.13	112.73	105.43	2.46
1.0	35.70	40.34	38.02	2.20
2.0	10.48	13.78	12.13	2.11
4.0	3.06	3.78	3.42	2.80
8.0	1.13	1.21	1.17	3.02
16.0	.65	.60	.62	2.74
32.0	.44	.37	.41	2.15
64.0	.23	.17	.20	2.03
128.0	.05	.03	.04	2.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 84.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.53

3 84.77 3.53 105.43 38.02 12.129 3.420 1.1716 .6224 .4067 .1988 .0401

MCMULLEN SAN ANTONIO AUG 87 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,B

600 FT. SECTION BEGINS 600 FT. FROM MARK 0 IN FILE CS.MCM

STEP: .27 IN. AT 397.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	74.49	76.73	75.61	2.77
1.0	24.25	22.19	23.22	3.01
2.0	7.78	6.54	7.16	3.40
4.0	2.37	2.14	2.25	3.72
8.0	.89	.95	.92	3.41
16.0	.52	.63	.57	2.87
32.0	.34	.41	.38	2.29
64.0	.17	.19	.18	2.22
128.0	.04	.04	.04	2.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.71

3 56.79 3.71 75.61 23.22 7.159 2.253 .9167 .5737 .3778 .1782 .0404

MCMULLEN SAN ANTONIO AUG 87 SOUTH CTRL SOUTHBOUND, CENTER, BOTH PATHS, A

600 FT. SECTION BEGINS 1200 FT. FROM MARK 0 IN FILE CS.MCM

STEP: .33 IN. AT 66.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	80.99	93.58	87.28	2.65
1.0	27.09	29.74	28.41	2.70
2.0	9.64	10.43	10.04	2.58
4.0	4.23	4.15	4.19	2.31
8.0	2.24	2.14	2.19	1.86
16.0	1.16	1.10	1.13	1.65
32.0	.48	.49	.49	1.82
64.0	.16	.14	.15	2.49
128.0	.03	.03	.03	3.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 130.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.69

3 130.20 3.69 87.28 28.41 10.037 4.189 2.1864 1.1289 .4859 .1521 .0290

MCMULLEN SAN ANTONIO AUG 87 SOUTH CTRL NORTHBOUND, CENTER, BOTH PATHS, B

600 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CN.MCM

STEP: .36 IN. AT 134.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	73.15	86.38	79.77	2.73
1.0	29.60	31.10	30.35	2.59
2.0	12.26	11.42	11.84	2.17
4.0	4.36	3.97	4.17	2.33
8.0	1.75	1.50	1.62	2.44
16.0	.76	.62	.69	2.57
32.0	.41	.37	.39	2.23
64.0	.21	.20	.20	2.01
128.0	.03	.02	.03	3.37

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 104.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.76

3 104.54 3.76 79.77 30.35 11.843 4.167 1.6242 .6863 .3895 .2008 .0257

MCMULLEN SAN ANTONIO AUG 87 TEST NORTHBOUND, CENTER LANE, BOTH PATHS, A

600 FT. SECTION BEGINS 600 FT. FROM MARK 0 IN FILE CN.MCM

STEP: .54 IN. AT 433.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	124.88	158.19	141.53	2.12
1.0	48.97	65.03	57.00	1.47
2.0	19.38	19.61	19.50	1.04
4.0	6.39	5.78	6.09	1.44
8.0	2.23	2.52	2.37	1.71
16.0	.77	.84	.81	2.28
32.0	.35	.37	.36	2.40
64.0	.13	.15	.14	2.60
128.0	.02	.03	.03	3.38

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 152.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 1.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.46

3 152.75 3.46 141.53 57.00 19.498 6.085 2.3721 .8056 .3563 .1422 .0252

MCMULLEN SAN ANTONIO AUG 87 NORTH CTRL NORTHBOUND, CENTER, BOTH PATHS, B

600 FT. SECTION BEGINS 1200 FT. FROM MARK 0 IN FILE CN.MCM

STEP: .52 IN. AT 29.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	106.94	96.47	101.70	2.49
1.0	42.79	30.87	36.83	2.26
2.0	12.60	8.76	10.68	2.42
4.0	3.83	2.98	3.40	2.81
8.0	1.55	1.35	1.45	2.65
16.0	.85	.82	.83	2.21
32.0	.46	.45	.46	1.94
64.0	.18	.16	.17	2.30
128.0	.04	.04	.04	2.88

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 96.48

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.76

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.56

3 96.48 3.56 101.70 36.83 10.680 3.403 1.4483 .8346 .4550 .1701 .0390

MCMULLEN SAN ANTONIO AUG 87 NORTH CTRL SOUTHBOUND, INSIDE, BOTH PATHS, A

600 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IS.MCM

STEP: .25 IN. AT 126.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	55.46	72.71	64.08	2.91
1.0	19.14	25.30	22.22	3.07
2.0	6.25	8.46	7.36	3.33
4.0	2.45	3.12	2.79	3.27
8.0	.99	1.25	1.12	3.10
16.0	.49	.64	.57	2.89
32.0	.29	.33	.31	2.65
64.0	.14	.11	.13	2.74
128.0	.03	.03	.03	3.26

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

3 68.06 3.91 64.08 22.22 7.355 2.789 1.1209 .5684 .3089 .1294 .0285

MCMULLEN SAN ANTONIO AUG 87 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B

600 FT. SECTION BEGINS 600 FT. FROM MARK 0 IN FILE IS.MCM

STEP: .35 IN. AT 358.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	54.76	66.85	60.81	2.95
1.0	16.88	21.26	19.07	3.28
2.0	5.25	6.43	5.84	3.84
4.0	1.78	2.31	2.04	3.91
8.0	.87	1.05	.96	3.34
16.0	.62	.69	.65	2.66
32.0	.43	.51	.47	1.87
64.0	.20	.24	.22	1.88
128.0	.04	.05	.04	2.82

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.74

3 56.70 3.74 60.81 19.07 5.842 2.043 .9582 .6517 .4725 .2167 .0408

MCMULLEN SAN ANTONIO AUG 87 SOUTH CTRL SOUTHBOUND, INSIDE, BOTH PATHS, A

600 FT. SECTION BEGINS 1200 FT. FROM MARK 0 IN FILE IS.MCM

STEP: 2.06 IN. AT 497.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	73.83	387.76	230.79	1.47
1.0	25.44	99.42	62.43	1.31
2.0	8.86	20.99	14.93	1.61
4.0	3.34	6.93	5.13	1.83
8.0	1.53	2.30	1.92	2.12
16.0	.78	.94	.86	2.16
32.0	.40	.41	.40	2.17
64.0	.13	.13	.13	2.74
128.0	.02	.02	.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 135.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.08

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.68

3 135.25 3.68 230.79 62.43 14.927 5.133 1.9164 .8595 .4033 .1299 .0227

MCMULLEN SAN ANTONIO AUG 87 SOUTH CTRL NORTHBOUND, INSIDE, BOTH PATHS, B

600 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IN.MCM

STEP: .27 IN. AT 133.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	46.36	65.13	55.75	3.01
1.0	17.79	21.27	19.53	3.25
2.0	6.86	7.75	7.31	3.35
4.0	2.40	2.73	2.56	3.45
8.0	1.13	1.28	1.20	2.98
16.0	.54	.62	.58	2.86
32.0	.35	.37	.36	2.39
64.0	.18	.16	.17	2.31
128.0	.03	.02	.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.05

3 63.70 4.05 55.75 19.53 7.306 2.564 1.2043 .5771 .3584 .1688 .0238

MCMULLEN SAN ANTONIO AUG 87 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, A

600 FT. SECTION BEGINS 600 FT. FROM MARK 0 IN FILE IN.MCM

STEP: .55 IN. AT 314.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	73.13	81.14	77.14	2.76
1.0	24.00	30.51	27.25	2.76
2.0	9.38	13.15	11.26	2.29
4.0	3.26	3.86	3.56	2.70
8.0	.99	1.25	1.12	3.10
16.0	.47	.59	.53	3.01
32.0	.29	.34	.32	2.61
64.0	.13	.14	.14	2.65
128.0	.01	.02	.02	3.79

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.05

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

3 82.46 4.08 77.14 27.25 11.263 3.560 1.1168 .5288 .3173 .1372 .0154

MCMULLEN SAN ANTONIO AUG 87 NORTH CTRL NORTHBOUND, INSIDE, BOTH PATHS, B

600 FT. SECTION BEGINS 1200 FT. FROM MARK 0 IN FILE IN.MCM

STEP: .33 IN. AT 559.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	110.61	71.39	91.00	2.61
1.0	37.45	24.90	31.17	2.54
2.0	10.94	8.67	9.81	2.64
4.0	3.55	2.78	3.17	2.98
8.0	1.35	1.19	1.27	2.88
16.0	.77	.70	.73	2.45
32.0	.42	.40	.41	2.14
64.0	.15	.14	.15	2.55
128.0	.04	.04	.04	2.99

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 85.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.68

3 85.54 3.68 91.00 31.17 9.805 3.168 1.2718 .7316 .4098 .1465 .0258

IH-10 EL PASO OCT 87 CTRL EASTBOUND, OUTSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 565E0

STEP: .09 IN. AT 101.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	21.94	49.67	35.81	3.26
1.0	7.22	13.28	10.25	3.92
2.0	2.70	3.96	3.33	4.73
4.0	1.11	1.26	1.19	4.70
8.0	.54	.53	.53	4.05
16.0	.36	.36	.36	3.54
32.0	.24	.26	.25	3.01
64.0	.12	.13	.12	2.84
128.0	.02	.02	.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 21.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.58

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.42

21.68 4.42 35.81 10.25 3.329 1.184 .5345 .3623 .2505 .1214 .0171

IH-10 EL PASO OCT 87 TEST EASTBOUND, OUTSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 575E0

STEP: .07 IN. AT 488.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.04	49.40	36.22	3.25
1.0	7.40	13.54	10.47	3.91
2.0	2.38	3.67	3.03	4.83
4.0	.91	1.25	1.08	4.78
8.0	.50	.65	.57	3.99
16.0	.36	.41	.39	3.46
32.0	.22	.23	.23	3.17
64.0	.10	.11	.10	3.08
128.0	.02	.02	.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.61

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.28

20.80 4.28 36.22 10.47 3.026 1.081 .5741 .3858 .2254 .1028 .0237

IH-10 EL PASO OCT 87 CTRL EASTBOUND, OUTSIDE LANE, BOTH PATHS, C

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 585E0

STEP: .15 IN. AT 531.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	25.81	51.52	38.66	3.22
1.0	8.13	14.14	11.13	3.86
2.0	2.83	3.84	3.34	4.73
4.0	.97	1.25	1.11	4.76
8.0	.45	.55	.50	4.11
16.0	.32	.36	.34	3.62
32.0	.22	.23	.22	3.17
64.0	.11	.11	.11	2.96
128.0	.02	.02	.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 18.84

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.34

18.84 4.34 38.66 11.13 3.338 1.111 .5002 .3403 .2248 .1119 .0210

IH-10 EL PASO OCT 87 CTRL WESTBOUND, OUTSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 595W0

STEP: .10 IN. AT 869.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.10	60.05	43.08	3.17
1.0	10.13	18.63	14.41	3.61
2.0	3.82	5.87	4.84	4.19
4.0	1.43	1.96	1.69	4.23
8.0	.63	.77	.70	3.76
16.0	.28	.35	.31	3.72
32.0	.14	.16	.15	3.71
64.0	.06	.06	.06	3.72
128.0	.01	.01	.01	4.01

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.78

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.37

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.50

29.78 4.50 43.08 14.41 4.845 1.692 .7010 .3117 .1492 .0581 .0101

IH-10 EL PASO OCT 87 TEST WESTBOUND, OUTSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 585W0

STEP: .09 IN. AT 25.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	24.57	61.99	43.28	3.16
1.0	9.32	18.64	13.98	3.64
2.0	3.51	5.46	4.49	4.32
4.0	1.47	1.96	1.72	4.21
8.0	.72	.88	.90	3.59
16.0	.41	.47	.44	3.29
32.0	.25	.25	.25	3.02
64.0	.13	.13	.13	2.73
128.0	.03	.03	.03	3.31

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.49

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

37.49 4.11 43.28 13.98 4.485 1.716 .8012 .4383 .2488 .1305 .0271

IH-10 EL PASO OCT 87 CTRL WESTBOUND, OUTSIDE LANE, BOTH PATHS, C

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 575W0

STEP: .12 IN. AT 582.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.39	55.77	41.08	3.19
1.0	9.58	15.64	12.61	3.74
2.0	3.34	4.61	3.98	4.51
4.0	1.19	1.51	1.35	4.55
8.0	.55	.63	.59	3.95
16.0	.34	.37	.35	3.57
32.0	.22	.22	.22	3.20
64.0	.11	.11	.11	2.95
128.0	.02	.02	.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

24.80 4.27 41.08 12.61 3.976 1.353 .5919 .3530 .2206 .1125 .0225

IH-10 EL PASO OCT 87 CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 565EI

STEP: .08 IN. AT 809.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.59	46.53	35.06	3.27
1.0	8.08	13.11	10.60	3.90
2.0	3.09	4.06	3.57	4.65
4.0	1.35	1.52	1.43	4.47
8.0	.74	.71	.73	3.72
16.0	.50	.47	.49	3.13
32.0	.33	.30	.31	2.64
64.0	.15	.13	.14	2.60
128.0	.03	.03	.03	3.32

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

34.24 4.16 35.06 10.60 3.572 1.433 .7273 .4886 .3119 .1415 .0269

IH-10 EL PASO OCT 87 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 575EI

STEP: .08 IN. AT 75.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	24.07	45.70	34.89	3.27
1.0	8.53	13.18	10.85	3.88
2.0	3.20	4.05	3.63	4.63
4.0	1.30	1.53	1.41	4.49
8.0	.81	.89	.85	3.51
16.0	.54	.57	.56	2.93
32.0	.28	.28	.28	2.84
64.0	.11	.11	.11	3.02
128.0	.02	.02	.02	3.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.15

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

37.65 4.25 34.89 10.85 3.625 .1.415 .8506 .5554 .2778 .1068 .0231

IH-10 EL PASO OCT 87 CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, C

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 585EI

STEP: .10 IN. AT 687.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.35	47.23	35.29	3.27
1.0	7.97	13.13	10.55	3.90
2.0	2.93	4.10	3.52	4.67
4.0	1.09	1.25	1.17	4.71
8.0	.59	.65	.62	3.89
16.0	.42	.46	.44	3.30
32.0	.24	.27	.25	2.98
64.0	.09	.10	.10	3.17
128.0	.02	.02	.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.62

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

25.62 4.31 35.29 10.55 3.517 1.174 .6245 .4355 .2546 .0962 .0220

IH-10 EL PASO OCT 87 CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 595WI

STEP: .07 IN. AT 943.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	22.76	46.54	34.65	3.27
1.0	7.23	12.94	10.08	3.94
2.0	2.66	3.72	3.19	4.78
4.0	1.04	1.23	1.14	4.74
8.0	.53	.56	.54	4.03
16.0	.29	.29	.29	3.78
32.0	.16	.15	.16	3.67
64.0	.05	.05	.05	3.81
128.0	.01	.01	.01	4.04

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 16.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.61

1 16.71 4.61 34.65 10.08 3.189 1.135 .5441 .2935 .1555 .0523 .0094

IH-10 EL PASO OCT 87 TEST WESTBOUND, INSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 585WI

STEP: .10 IN. AT 130.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	24.91	48.35	36.53	3.25
1.0	9.27	15.04	12.16	3.78
2.0	3.40	4.53	3.96	4.51
4.0	1.42	1.65	1.53	4.30
8.0	.70	.72	.71	3.75
16.0	.41	.41	.41	3.39
32.0	.24	.21	.23	3.16
64.0	.13	.11	.12	2.84
128.0	.03	.02	.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.78

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.31

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

31.78 4.22 36.63 12.16 3.962 1.533 .7078 .4076 .2262 .1218 .0238

IH-10 EL PASO OCT 87 CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, C

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 575WI

STEP: .06 IN. AT 95.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.46	47.74	35.60	3.26
1.0	7.72	14.25	10.98	3.87
2.0	2.88	4.41	3.65	4.62
4.0	1.30	1.52	1.41	4.49
8.0	.69	.67	.68	3.79
16.0	.41	.41	.41	3.39
32.0	.23	.20	.21	3.24
64.0	.11	.09	.10	3.14
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.08

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.39

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

29.08 4.36 35.60 10.98 3.648 1.408 .6819 .4073 .2148 .0984 .0184

IH-30 GREENVILLE MAY 87 8FT FABRIC TEST EASTBOUND, OUTSIDE, BOTH PATHS, A

1068 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GROTE1

STEP: .08 IN. AT 124.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.77	28.05	27.41	3.37
1.0	8.83	8.46	8.65	4.05
2.0	2.90	2.66	2.78	4.90
4.0	1.20	1.14	1.17	4.71
8.0	.73	.72	.72	3.72
16.0	.57	.58	.57	2.87
32.0	.35	.36	.36	2.38
64.0	.13	.13	.13	2.69
128.0	.02	.02	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.39

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33
 3.39 4.33 27.41 8.65 2.778 1.166 .7244 .5749 .3596 .1337 .0215

IH-30 GREENVILLE MAY 87 6FT FABRIC TEST EASTBOUND, OUTSIDE, BOTH PATHS, B

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GROTE1

STEP: .06 IN. AT 742.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	25.07	26.94	26.00	3.39
1.0	7.48	7.95	7.72	4.12
2.0	2.43	2.72	2.57	4.95
4.0	.90	1.08	.99	4.86
8.0	.50	.45	.48	4.16
16.0	.37	.33	.35	3.59
32.0	.26	.22	.24	3.07
64.0	.11	.12	.11	2.93
128.0	.03	.03	.03	3.32

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 16.64

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23
 2 16.64 4.23 26.00 7.72 2.573 .987 .4756 .3486 .2404 .1138 .0267

IH-30 GREENVILLE MAY 87 8FT LIME TEST EASTBOUND, OUTSIDE, BOTH PATHS, A

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GROTE2

STEP: .07 IN. AT 377.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.53	29.62	26.57	3.38
1.0	7.16	8.96	8.06	4.09
2.0	2.16	2.64	2.40	4.98
4.0	.81	.96	.89	4.93
8.0	.48	.45	.47	4.17
16.0	.35	.32	.33	3.64
32.0	.22	.20	.21	3.31
64.0	.10	.09	.09	3.19
128.0	.02	.02	.02	3.60

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 13.53

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.79

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.41

3.59 4.41 26.57 8.06 2.402 .888 .4658 .3327 .2054 .0946 .0197

IH-30 GREENVILLE MAY 87 8FT LIME/FLYASH TEST EASTBOUND, OUTSIDE, BOTH PATHS, B

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GROTE2

STEP: .07 IN. AT 144.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	24.20	29.61	26.90	3.38
1.0	7.40	8.79	8.09	4.09
2.0	2.32	2.71	2.52	4.96
4.0	.92	1.06	.99	4.85
8.0	.65	.66	.66	3.84
16.0	.54	.53	.53	2.99
32.0	.36	.35	.35	2.42
64.0	.15	.13	.14	2.64
128.0	.02	.02	.02	3.57

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.32

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.43

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

2 27.32 4.38 26.90 8.09 2.518 .993 .6559 .5340 .3523 .1383 .0205

IH-30 GREENVILLE MAY 87 BFT LINE/FLYASH CTRL WESTBOUND, OUTSIDE, BOTH PATHS, A

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GROTW3

STEP: .06 IN. AT 508.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.71	35.58	31.14	3.32
1.0	8.43	10.84	9.63	3.97
2.0	3.25	4.11	3.68	4.61
4.0	1.50	1.93	1.71	4.21
8.0	.74	.73	.73	3.71
16.0	.45	.43	.44	3.29
32.0	.26	.23	.24	3.04
64.0	.09	.08	.09	3.30
128.0	.02	.01	.02	3.79

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

7.45 4.39 31.14 9.63 3.678 1.713 .7310 .4387 .2450 .0861 .0153

IH-30 GREENVILLE MAY 87 BFT LINE CTRL WESTBOUND, OUTSIDE, BOTH PATHS, B

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GROTW3

STEP: .06 IN. AT 901.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.76	31.59	29.17	3.35
1.0	8.33	9.74	9.04	4.02
2.0	2.85	3.51	3.18	4.78
4.0	1.14	1.47	1.30	4.59
8.0	.65	.68	.66	3.82
16.0	.45	.45	.45	3.24
32.0	.26	.23	.24	3.04
64.0	.11	.09	.10	3.16
128.0	.03	.02	.02	3.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.38

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

2 29.38 4.24 29.17 9.04 3.182 1.303 .6642 .4523 .2449 .0964 .0243

IH-30 GREENVILLE MAY 87 6FT FABRIC CTRL WESTBOUND, OUTSIDE, BOTH PATHS, A

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GROTW4

STEP: .13 IN. AT 24.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.03	36.86	33.95	3.28
1.0	11.26	11.27	11.26	3.85
2.0	3.63	3.68	3.65	4.62
4.0	1.44	1.54	1.49	4.42
8.0	.83	.84	.84	3.54
16.0	.56	.56	.56	2.92
32.0	.31	.32	.31	2.62
64.0	.12	.13	.13	2.76
128.0	.01	.02	.02	3.80

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 39.34

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.11

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.42

9.34 4.42 33.95 11.26 3.652 1.487 .8355 .5578 .3149 .1278 .0151

IH-30 GREENVILLE MAY 87 8FT FABRIC CTRL WESTBOUND, OUTSIDE, BOTH PATHS, B

1068 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GROTW4

STEP: .10 IN. AT 940.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.77	35.26	32.02	3.31
1.0	8.83	9.91	9.37	3.99
2.0	2.81	3.24	3.02	4.83
4.0	1.27	1.38	1.32	4.57
8.0	.78	.82	.80	3.59
16.0	.56	.56	.56	2.90
32.0	.33	.31	.32	2.60
64.0	.13	.12	.13	2.76
128.0	.02	.02	.02	3.67

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 36.12

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

2 36.12 4.38 32.02 9.37 3.024 1.323 .8022 .5632 .3190 .1277 .0181

IH-30 GREENVILLE MAY 87 8FT FABRIC TEST EASTBOUND, INSIDE, BOTH PATHS, A

1068 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GRINE1

STEP: .10 IN. AT 306.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	25.31	30.85	28.08	3.36
1.0	8.11	8.92	8.52	4.06
2.0	2.85	2.74	2.80	4.89
4.0	1.45	1.28	1.36	4.54
8.0	1.04	.94	.99	3.29
16.0	.81	.75	.78	2.33
32.0	.48	.47	.48	1.86
64.0	.18	.17	.17	2.26
128.0	.03	.03	.03	3.21

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

.9.40 4.11 28.08 8.52 2.795 1.363 .9888 .7815 .4755 .1742 .0299

IH-30 GREENVILLE MAY 87 6FT FABRIC TEST EASTBOUND, INSIDE, BOTH PATHS, B

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GRINE1

STEP: .14 IN. AT 758.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.71	35.55	31.13	3.32
1.0	9.31	11.38	10.34	3.92
2.0	2.98	3.94	3.46	4.68
4.0	1.28	1.69	1.49	4.42
8.0	.70	.93	.82	3.57
16.0	.44	.50	.47	3.19
32.0	.29	.26	.28	2.84
64.0	.12	.10	.11	3.00
128.0	.03	.02	.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.30

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

2 34.30 4.22 31.13 10.34 3.464 1.486 .8167 .4695 .2772 .1087 .0240

IH-30 GREENVILLE MAY 87 8FT LIME TEST EASTBOUND, INSIDE, BOTH PATHS, A

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GRINE2

STEP: .08 IN. AT 706.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	22.39	28.83	25.61	3.40
1.0	7.32	8.56	7.94	4.10
2.0	2.20	2.69	2.45	4.97
4.0	.85	.96	.90	4.91
8.0	.47	.50	.49	4.13
16.0	.33	.35	.34	3.63
32.0	.20	.21	.21	3.30
64.0	.10	.10	.10	3.11
128.0	.02	.02	.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 14.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.77

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

4.24 4.38 25.61 7.94 2.448 .905 .4894 .3377 .2060 .1001 .0210

IH-30 GREENVILLE MAY 87 8FT LIME/FLYASH TEST EASTBOUND, INSIDE, BOTH PATHS, B

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GRINE2

STEP: .11 IN. AT 844.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	24.75	28.74	26.75	3.38
1.0	8.94	10.03	9.49	3.98
2.0	2.71	3.58	3.14	4.79
4.0	1.02	1.24	1.13	4.74
8.0	.64	.59	.62	3.90
16.0	.49	.43	.46	3.21
32.0	.32	.27	.30	2.71
64.0	.12	.11	.12	2.87
128.0	.02	.02	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

2 26.27 4.33 26.75 9.49 3.142 1.131 .6176 .4631 .2988 .1192 .0216

IH-30 GREENVILLE MAY 87 BFT LIME/FLYASH CTRL WESTBOUND, INSIDE, BOTH PATHS, A

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GRINW3

STEP: .06 IN. AT 328.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	24.91	33.42	29.17	3.35
1.0	7.95	9.76	8.86	4.03
2.0	2.43	3.09	2.76	4.90
4.0	1.01	1.17	1.09	4.78
8.0	.61	.62	.62	3.91
16.0	.42	.41	.42	3.36
32.0	.23	.23	.23	3.15
64.0	.09	.10	.09	3.20
128.0	.02	.02	.02	3.60

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 22.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

22.72 4.38 29.17 8.86 2.760 1.090 .6153 .4161 .2285 .0939 .0197

IH-30 GREENVILLE MAY 87 BFT LIME CTRL WESTBOUND, INSIDE, BOTH PATHS, B

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GRINW3

STEP: .05 IN. AT 674.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.39	38.03	32.21	3.31
1.0	8.55	11.08	9.82	3.96
2.0	3.26	3.80	3.53	4.66
4.0	1.46	1.69	1.58	4.34
8.0	.80	.68	.74	3.70
16.0	.59	.45	.52	3.04
32.0	.30	.26	.28	2.83
64.0	.12	.12	.12	2.82
128.0	.03	.03	.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 38.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.12

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

2 38.99 4.15 32.21 9.82 3.529 1.576 .7388 .5178 .2793 .1227 .0263

IH-30 GREENVILLE MAY 87 6FT FABRIC CTRL WESTBOUND, INSIDE, BOTH PATHS, A

950 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GRINW4

STEP: .17 IN. AT 296.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	40.09	39.42	39.75	3.21
1.0	14.82	14.15	14.49	3.60
2.0	7.39	6.89	7.14	3.40
4.0	3.47	3.42	3.44	2.78
8.0	1.18	1.08	1.13	3.08
16.0	.61	.59	.60	2.81
32.0	.35	.34	.34	2.47
64.0	.14	.14	.14	2.64
128.0	.02	.02	.02	3.71

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 83.78

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.02

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.09

.378 4.09 39.75 14.49 7.139 3.443 1.1295 .5965 .3423 .1387 .0171

IH-30 GREENVILLE MAY 87 8FT FABRIC CTRL WESTBOUND, INSIDE, BOTH PATHS, B

1068 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE GRINW4

STEP: .09 IN. AT 813.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.84	42.34	41.09	3.19
1.0	13.65	13.78	13.71	3.66
2.0	6.08	5.72	5.90	3.82
4.0	2.86	2.85	2.86	3.21
8.0	1.10	.99	1.05	3.21
16.0	.63	.63	.63	2.72
32.0	.34	.35	.34	2.47
64.0	.13	.15	.14	2.62
128.0	.02	.02	.02	3.52

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 73.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.07

2 73.06 4.07 41.09 13.71 5.900 2.858 1.0467 .6299 .3429 .1404 .0217

APPENDIX 4

PROJECT 187-1

TEXAS TRANSPORTATION INSTITUTE

SERVICEABILITY INDEX VALUES

MOISTURE BARRIER SITES

JULY 1988

District 1 - IH-30

District 15 - IH-10
- IH-37
- Loop-410
- US-281

District 24 - IH-10

IH-10 EL PASO JUL 88 CTRL EASTBOUND, OUTSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 240 FT. FROM MARK 0 IN FILE OE.ELP

STEP: .06 IN. AT 489.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	20.75	47.77	34.26	3.28
1.0	6.92	13.45	10.18	3.93
2.0	2.72	3.95	3.33	4.73
4.0	1.16	1.42	1.29	4.60
8.0	.59	.59	.59	3.95
16.0	.42	.41	.41	3.36
32.0	.28	.28	.28	2.82
64.0	.13	.13	.13	2.74
128.0	.02	.02	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.92

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

26.92 4.30 34.26 10.18 3.334 1.289 .5891 .4146 .2800 .1293 .0216

IH-10 EL PASO JUL 88 TEST EASTBOUND, OUTSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OE.ELP

STEP: .06 IN. AT 854.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	22.37	41.87	32.12	3.31
1.0	7.48	11.95	9.71	3.96
2.0	2.51	3.59	3.05	4.82
4.0	.98	1.35	1.16	4.72
8.0	.51	.68	.60	3.94
16.0	.33	.40	.36	3.54
32.0	.19	.21	.20	3.31
64.0	.08	.08	.08	3.44
128.0	.02	.02	.02	3.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 21.28

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.44

21.28 4.44 32.12 9.71 3.051 1.162 .5953 .3637 .2045 .0767 .0166

IH-10 EL PASO JUL 88 CTRL EASTBOUND, OUTSIDE LANE, BOTH PATHS, C

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OE.ELP

STEP: .06 IN. AT 753.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.89	42.33	33.11	3.30
1.0	7.89	12.37	10.13	3.93
2.0	2.69	3.59	3.14	4.79
4.0	.95	1.27	1.11	4.76
8.0	.42	.50	.46	4.18
16.0	.28	.32	.30	3.76
32.0	.19	.20	.19	3.39
64.0	.08	.08	.08	3.36
128.0	.02	.02	.02	3.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 16.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.72

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

16.51 4.45 33.11 10.13 3.139 1.112 .4629 .2990 .1940 .0820 .0165

IH-10 EL PASO JUL 88 CTRL WESTBOUND, OUTSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 240 FT. FROM MARK 0 IN FILE OW.ELP

STEP: .09 IN. AT 409.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	22.58	50.69	36.63	3.25
1.0	9.15	16.44	12.79	3.73
2.0	3.62	5.42	4.52	4.31
4.0	1.36	2.00	1.68	4.24
8.0	.57	.81	.69	3.78
16.0	.24	.32	.28	3.82
32.0	.12	.13	.13	3.88
64.0	.05	.05	.05	3.81
128.0	.01	.01	.01	3.95

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

27.73 4.48 36.63 12.79 4.517 1.676 .6924 .2819 .1275 .0520 .0115

IH-10 EL PASO JUL 88 TEST WESTBOUND, OUTSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OW.ELP

STEP: .06 IN. AT 113.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	22.86	48.36	35.61	3.26
1.0	8.57	14.63	11.60	3.82
2.0	3.15	4.69	3.92	4.53
4.0	1.26	1.74	1.50	4.41
8.0	.61	.80	.70	3.76
16.0	.33	.38	.36	3.56
32.0	.17	.17	.17	3.55
64.0	.09	.08	.09	3.32
128.0	.02	.02	.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 28.12

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

28.12 4.31 35.61 11.60 3.918 1.498 .7023 .3564 .1706 .0850 .0201

IH-10 EL PASO JUL 88 CTRL WESTBOUND, OUTSIDE LANE, BOTH PATHS, C

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OW.ELP

STEP: .08 IN. AT 253.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.58	47.44	35.51	3.26
1.0	8.83	14.67	11.75	3.81
2.0	3.07	4.32	3.70	4.60
4.0	1.08	1.47	1.28	4.62
8.0	.47	.60	.53	4.05
16.0	.27	.30	.28	3.81
32.0	.17	.17	.17	3.56
64.0	.08	.08	.08	3.35
128.0	.02	.02	.02	3.77

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 19.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.44

3 19.23 4.44 35.51 11.75 3.697 1.275 .5344 .2846 .1696 .0827 .0158

IH-10 EL PASO JUL 88 CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 240 FT. FROM MARK 0 IN FILE IE.ELP

STEP: .11 IN. AT 49.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.22	43.88	33.55	3.29
1.0	7.83	12.89	10.36	3.92
2.0	2.94	3.92	3.43	4.70
4.0	1.28	1.57	1.42	4.48
8.0	.72	.76	.74	3.69
16.0	.48	.49	.48	3.14
32.0	.29	.29	.29	2.76
64.0	.13	.12	.12	2.81
128.0	.02	.02	.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

33.75 4.26 33.55 10.36 3.432 1.424 .7413 .4835 .2915 .1241 .0227

IH-10 EL PASO JUL 88 TEST EASTBOUND, INSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IE.ELP

STEP: .07 IN. AT 113.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	24.13	43.52	33.83	3.29
1.0	8.58	13.64	11.11	3.86
2.0	3.24	4.36	3.80	4.57
4.0	1.46	1.73	1.60	4.32
8.0	.95	1.04	1.00	3.28
16.0	.64	.66	.65	2.66
32.0	.33	.32	.33	2.56
64.0	.13	.12	.12	2.85
128.0	.02	.02	.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.90

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

3 47.06 4.25 33.83 11.11 3.799 1.597 .9970 .6516 .3264 .1207 .0220

IH-10 EL PASO JUL 88 CTRL EASTBOUND, INSIDE LANE, BOTH PATHS, C
 1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IE.ELP

STEP: .07 IN. AT 774.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	22.53	42.43	32.48	3.30
1.0	7.40	12.33	9.86	3.95
2.0	2.68	3.64	3.16	4.78
4.0	1.08	1.32	1.20	4.68
8.0	.65	.68	.65	3.82
16.0	.45	.47	.46	3.21
32.0	.26	.27	.26	2.94
64.0	.09	.09	.09	3.25
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.42

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

27.71 4.38 32.48 9.86 3.162 1.199 .6637 .4626 .2608 .0902 .0187

IH-10 EL PASO JUL 88 CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, A
 1000 FT. SECTION BEGINS 240 FT. FROM MARK 0 IN FILE IW.ELP

STEP: .05 IN. AT 274.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	22.09	43.92	33.01	3.30
1.0	7.27	12.49	9.88	3.95
2.0	2.59	3.73	3.16	4.78
4.0	1.11	1.40	1.25	4.63
8.0	.58	.65	.62	3.91
16.0	.32	.34	.33	3.65
32.0	.16	.17	.16	3.60
64.0	.05	.05	.05	3.84
128.0	.01	.01	.01	3.94

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 21.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.59

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.54

21.44 4.54 33.01 9.88 3.159 1.255 .6165 .3312 .1644 .0499 .0118

IH-10 EL PASO JUL 88 TEST WESTBOUND, INSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IW.ELP

STEP: .09 IN. AT 178.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	24.26	45.82	35.04	3.27
1.0	9.16	14.58	11.87	3.80
2.0	3.32	4.65	3.98	4.50
4.0	1.44	1.72	1.58	4.33
8.0	.71	.77	.74	3.70
16.0	.41	.41	.41	3.38
32.0	.21	.21	.21	3.27
64.0	.10	.10	.10	3.16
128.0	.02	.02	.02	3.51

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 32.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.28

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

32.89 4.25 35.04 11.87 3.982 1.580 .7400 .4090 .2105 .0968 .0219

IH-10 EL PASO JUL 88 CTRL WESTBOUND, INSIDE LANE, BOTH PATHS, C

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IW.ELP

STEP: .07 IN. AT 164.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	23.96	43.81	33.89	3.28
1.0	7.95	13.43	10.69	3.89
2.0	2.93	4.48	3.70	4.60
4.0	1.17	1.58	1.38	4.52
8.0	.58	.63	.60	3.93
16.0	.33	.36	.35	3.60
32.0	.17	.17	.17	3.54
64.0	.07	.07	.07	3.52
128.0	.02	.01	.01	3.81

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 24.88

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

3 24.88 4.45 33.89 10.69 3.702 1.377 .6009 .3453 .1720 .0710 .0147

IH-30 GREENVILLE AUG 88 BFT FABRIC TEST EASTBOUND, OUTSIDE, BOTH PATHS, A

1125 FT. SECTION BEGINS 200 FT. FROM MARK 0 IN FILE OE1.30

STEP: .38 IN. AT 173.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	44.77	65.39	55.08	3.02
1.0	16.51	19.23	17.87	3.36
2.0	6.48	6.32	6.40	3.64
4.0	2.62	2.31	2.46	3.54
8.0	.91	.83	.87	3.48
16.0	.49	.44	.47	3.20
32.0	.27	.25	.26	2.94
64.0	.09	.09	.09	3.23
128.0	.02	.02	.02	3.77

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.27

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.69

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

55.27 4.26 55.08 17.87 6.400 2.465 .8681 .4665 .2609 .0914 .0157

IH-30 GREENVILLE AUG 88 6FT FABRIC TEST EASTBOUND, OUTSIDE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OE1.30

STEP: .10 IN. AT 539.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.17	60.60	49.88	3.08
1.0	10.93	16.57	13.75	3.66
2.0	3.01	4.78	3.89	4.54
4.0	1.00	1.50	1.25	4.64
8.0	.54	.63	.58	3.97
16.0	.41	.40	.40	3.40
32.0	.28	.27	.28	2.85
64.0	.12	.12	.12	2.86
128.0	.02	.02	.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

25.58 4.33 49.88 13.75 3.892 1.253 .5828 .4048 .2753 .1201 .0204

IH-30 GREENVILLE AUG 88 8FT LIME TEST EASTBOUND, OUTSIDE, BOTH PATHS, A

1000 FT. SECTION BEGINS 200 FT. FROM MARK 0 IN FILE OE2.30

STEP: .08 IN. AT 231.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.18	65.13	51.65	3.06
1.0	10.85	17.58	14.21	3.62
2.0	3.12	5.11	4.11	4.46
4.0	.96	1.56	1.26	4.63
8.0	.46	.54	.50	4.11
16.0	.30	.32	.31	3.71
32.0	.18	.19	.19	3.44
64.0	.08	.09	.08	3.33
128.0	.02	.02	.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 20.58

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.61

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

20.58 4.39 51.65 14.21 4.114 1.261 .5009 .3137 .1860 .0840 .0176

IH-30 GREENVILLE AUG 88 8FT LIME/FLYASH TEST EASTBOUND, OUTSIDE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OE2.30

STEP: .10 IN. AT 717.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.51	66.64	53.08	3.04
1.0	11.18	18.19	14.69	3.59
2.0	3.32	5.07	4.20	4.43
4.0	1.27	1.66	1.46	4.44
8.0	.85	.88	.86	3.49
16.0	.69	.67	.68	2.58
32.0	.46	.44	.45	1.97
64.0	.18	.17	.18	2.25
128.0	.02	.02	.02	3.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

45.93 4.24 53.08 14.69 4.196 1.464 .8650 .6822 .4474 .1752 .0230

IH-30 GREENVILLE AUG 88 BFT LIME/FLYASH CTRL WESTBOUND, OUTSIDE, BOTH PATHS, A

1000 FT. SECTION BEGINS 200 FT. FROM MARK 0 IN FILE OW3.30

STEP: .11 IN. AT 350.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	40.62	69.33	54.97	3.02
1.0	11.86	18.42	15.14	3.56
2.0	3.97	5.58	4.78	4.22
4.0	1.60	2.12	1.86	4.08
8.0	.75	.83	.79	3.61
16.0	.44	.49	.46	3.21
32.0	.23	.26	.24	3.05
64.0	.08	.09	.08	3.35
128.0	.01	.01	.01	3.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 41.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.04

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.38

41.93 4.38 54.97 15.14 4.778 1.858 .7881 .4626 .2432 .0827 .0144

IH-30 GREENVILLE AUG 88 BFT LIME CTRL WESTBOUND, OUTSIDE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OW3.30

STEP: .10 IN. AT 765.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.33	63.73	51.53	3.06
1.0	11.35	17.71	14.53	3.60
2.0	3.40	5.29	4.34	4.37
4.0	1.24	1.89	1.57	4.35
8.0	.65	.74	.70	3.77
16.0	.45	.47	.46	3.21
32.0	.26	.28	.27	2.90
64.0	.10	.11	.11	3.01
128.0	.02	.02	.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

35.73 4.29 51.53 14.53 4.345 1.567 .6974 .4639 .2674 .1077 .0203

IH-30 GREENVILLE AUG 88 6FT FABRIC CTRL WESTBOUND, OUTSIDE, BOTH PATHS, A

1000 FT. SECTION BEGINS 200 FT. FROM MARK 0 IN FILE OW4.30

STEP: .28 IN. AT 339.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	50.89	83.35	67.12	2.87
1.0	18.03	22.16	20.09	3.21
2.0	5.59	6.67	6.13	3.74
4.0	2.13	2.46	2.30	3.68
8.0	1.18	1.20	1.19	2.99
16.0	.75	.71	.73	2.46
32.0	.40	.37	.39	2.26
64.0	.15	.15	.15	2.49
128.0	.02	.02	.02	3.57

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 66.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

56.65 4.17 67.12 20.09 6.132 2.297 1.1936 .7301 .3850 .1514 .0206

IH-30 GREENVILLE AUG 88 8FT FABRIC CTRL WESTBOUND, OUTSIDE, BOTH PATHS, B

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OW4.30

STEP: .13 IN. AT 330.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	42.89	72.96	57.93	2.98
1.0	12.42	19.15	15.79	3.51
2.0	3.76	5.43	4.60	4.28
4.0	1.48	1.93	1.70	4.22
8.0	.91	1.00	.95	3.35
16.0	.65	.66	.66	2.65
32.0	.39	.39	.39	2.22
64.0	.14	.12	.13	2.74
128.0	.02	.02	.02	3.50

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 49.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

49.60 4.22 57.93 15.79 4.596 1.704 .9547 .6555 .3922 .1301 .0223

IH-30 GREENVILLE AUG 88 8FT FABRIC TEST EASTBOUND, INSIDE, BOTH PATHS, A

1125 FT. SECTION BEGINS 200 FT. FROM MARK 0 IN FILE IE1.30

STEP: .23 IN. AT 183.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	44.92	74.11	59.51	2.96
1.0	13.00	19.71	16.36	3.47
2.0	4.05	5.94	5.00	4.14
4.0	1.58	2.23	1.90	4.03
8.0	.85	.96	.90	3.43
16.0	.56	.61	.59	2.84
32.0	.31	.35	.33	2.55
64.0	.11	.12	.11	2.92
128.0	.02	.02	.02	3.55

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 49.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.83

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

.9.93 4.22 59.51 16.36 4.996 1.904 .9033 .5854 .3274 .1149 .0211

IH-30 GREENVILLE AUG 88 6FT FABRIC TEST EASTBOUND, INSIDE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IE1.30

STEP: .16 IN. AT 839.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	41.20	79.11	60.16	2.95
1.0	12.08	20.75	16.41	3.46
2.0	3.72	5.80	4.76	4.22
4.0	1.50	2.13	1.81	4.12
8.0	.85	1.11	.98	3.31
16.0	.54	.63	.58	2.85
32.0	.34	.35	.34	2.46
64.0	.14	.13	.13	2.70
128.0	.02	.02	.02	3.54

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 47.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

47.86 4.23 60.16 16.41 4.760 1.812 .9815 .5840 .3438 .1327 .0213

IH-30 GREENVILLE AUG 88 BFT LIME TEST EASTBOUND, INSIDE, BOTH PATHS, A

1000 FT. SECTION BEGINS 200 FT. FROM MARK 0 IN FILE IE2.30

STEP: .13 IN. AT 336.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.43	71.84	53.63	3.03
1.0	10.14	18.90	14.52	3.60
2.0	2.93	4.92	3.92	4.52
4.0	1.04	1.57	1.30	4.59
8.0	.50	.61	.56	4.01
16.0	.32	.37	.35	3.60
32.0	.19	.21	.20	3.36
64.0	.08	.09	.08	3.35
128.0	.02	.02	.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 23.32

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

3.32 4.39 53.63 14.52 3.924 1.304 .5577 .3457 .1981 .0830 .0176

IH-30 GREENVILLE AUG 88 BFT LIME/FLYASH TEST EASTBOUND, INSIDE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IE2.30

STEP: .13 IN. AT 580.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.71	75.08	55.39	3.01
1.0	10.96	19.83	15.40	3.54
2.0	3.33	5.89	4.61	4.28
4.0	1.30	1.76	1.53	4.38
8.0	.76	.82	.79	3.61
16.0	.59	.59	.59	2.83
32.0	.38	.36	.37	2.32
64.0	.14	.13	.14	2.67
128.0	.02	.02	.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 42.12

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.03

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

42.12 4.25 55.39 15.40 4.610 1.530 .7921 .5901 .3717 .1360 .0221

IH-30 GREENVILLE AUG 88 8FT LIME/FLYASH CTRL WESTBOUND, INSIDE, BOTH PATHS, A

1000 FT. SECTION BEGINS 200 FT. FROM MARK 0 IN FILE IW3.30

STEP: .13 IN. AT 278.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.63	80.41	60.02	2.96
1.0	11.68	21.23	16.45	3.46
2.0	3.44	5.81	4.62	4.27
4.0	1.26	1.90	1.58	4.33
8.0	.71	.78	.74	3.69
16.0	.46	.46	.46	3.21
32.0	.24	.24	.24	3.07
64.0	.09	.09	.09	3.25
128.0	.02	.02	.02	3.47

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 35.95

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.20

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

5.95 4.22 60.02 16.45 4.622 1.581 .7435 .4624 .2413 .0898 .0229

IH-30 GREENVILLE AUG 88 8FT LIME CTRL WESTBOUND, INSIDE, BOTH PATHS, B

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IW3.30

STEP: .14 IN. AT 250.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	43.12	82.16	62.64	2.93
1.0	12.26	21.75	17.00	3.42
2.0	3.91	6.15	5.03	4.12
4.0	1.56	2.08	1.82	4.11
8.0	.77	.78	.77	3.64
16.0	.54	.49	.52	3.05
32.0	.27	.26	.26	2.92
64.0	.09	.10	.10	3.15
128.0	.02	.02	.02	3.55

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 44.13

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

44.13 4.23 62.64 17.00 5.031 1.820 .7738 .5154 .2647 .0972 .0211

IH-30 GREENVILLE AUG 88 6FT FABRIC CTRL WESTBOUND, INSIDE, BOTH PATHS, A

1000 FT. SECTION BEGINS 200 FT. FROM MARK 0 IN FILE IW4.30

STEP: .27 IN. AT 333.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	55.78	87.95	71.87	2.82
1.0	17.61	24.69	21.15	3.14
2.0	7.91	8.46	8.19	3.08
4.0	3.78	3.65	3.72	2.60
8.0	1.37	1.23	1.30	2.84
16.0	.64	.59	.61	2.76
32.0	.35	.33	.34	2.49
64.0	.14	.15	.15	2.56
128.0	.02	.02	.02	3.75

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 90.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

.0.72 4.06 71.87 21.15 8.187 3.717 1.3017 .6143 .3387 .1451 .0163

IH-30 GREENVILLE AUG 88 8FT FABRIC CTRL WESTBOUND, INSIDE, BOTH PATHS, B

1125 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IW4.30

STEP: .14 IN. AT 1108.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	53.45	90.29	71.87	2.82
1.0	15.54	23.76	19.65	3.24
2.0	6.17	7.78	6.98	3.45
4.0	3.12	3.35	3.24	2.93
8.0	1.29	1.24	1.27	2.89
16.0	.75	.74	.75	2.41
32.0	.40	.38	.39	2.22
64.0	.13	.13	.13	2.75
128.0	.02	.02	.02	3.47

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 87.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.98

.d7.98 3.98 71.87 19.65 6.976 3.235 1.2655 .7489 .3919 .1288 .0231

LOOP410 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, A

1250 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ON.410

STEP: .10 IN. AT 115.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.55	65.45	49.00	3.09
1.0	13.40	18.89	16.15	3.48
2.0	4.47	5.61	5.04	4.12
4.0	1.88	1.95	1.91	4.02
8.0	.94	.80	.87	3.48
16.0	.55	.46	.51	3.07
32.0	.33	.28	.31	2.66
64.0	.16	.14	.15	2.54
128.0	.04	.04	.04	2.85

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.78

2 45.79 3.78 49.00 16.15 5.041 1.914 .8723 .5088 .3081 .1475 .0400

LOOP410 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, B

1250 FT. SECTION BEGINS 1250 FT. FROM MARK 0 IN FILE ON.410

STEP: .11 IN. AT 1111.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.96	60.34	45.65	3.13
1.0	12.30	17.62	14.96	3.37
2.0	4.49	5.75	5.12	4.09
4.0	1.98	2.15	2.06	3.89
8.0	1.07	1.01	1.04	3.22
16.0	.61	.53	.57	2.98
32.0	.34	.31	.32	2.56
64.0	.14	.13	.13	2.68
128.0	.02	.02	.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.76

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

2 52.51 4.16 45.65 14.96 5.113 2.062 1.0107 .5710 .3067 .1046 .0226

LOOP410 SAN ANTONIO JUN 88 CTRL SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, A

1300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE 05.410

STEP: .19 IN. AT 854.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.43	54.43	44.93	3.14
1.0	13.30	15.71	14.51	3.60
2.0	5.44	4.60	3.02	4.13
4.0	2.42	1.90	2.16	3.80
8.0	1.25	.93	1.09	3.14
16.0	.61	.48	.54	2.96
32.0	.32	.29	.31	2.67
64.0	.15	.14	.14	2.57
128.0	.02	.02	.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.74

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

2 53.20 4.21 44.93 14.51 5.019 2.163 1.0899 .5446 .3059 .1449 .0202

LOOP410 SAN ANTONIO JUN 88 CTRL SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B

1300 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE 05.410

STEP: .12 IN. AT 521.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.57	70.88	50.73	3.07
1.0	11.92	18.94	15.43	3.54
2.0	4.94	5.59	5.20	4.04
4.0	2.49	2.27	2.38	3.51
8.0	1.22	1.06	1.14	3.07
16.0	.62	.57	.60	2.80
32.0	.32	.31	.31	2.63
64.0	.17	.16	.17	2.33
128.0	.03	.04	.04	3.01

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.55

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.02

2 60.98 3.02 50.73 15.43 5.365 2.380 1.1297 .5390 .3031 .1425 .0357

LOOP410 SAN ANTONIO JUN 88 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,A

1300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CN.410

STEP: .23 IN. AT 40.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.57	55.94	43.26	3.15
1.0	12.44	15.84	14.14	3.53
2.0	4.64	5.43	5.04	4.12
4.0	1.96	2.34	2.15	3.81
8.0	.94	1.03	.98	3.30
16.0	.49	.46	.47	3.17
32.0	.24	.22	.23	3.15
64.0	.10	.09	.10	3.18
128.0	.02	.02	.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.85

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

2 48.89 4.15 43.26 14.14 5.038 2.150 .9840 .4740 .2286 .0953 .0228

LOOP410 SAN ANTONIO JUN 88 TEST NORTHBOUND,CENTER LANE, BOTH PATHS,B

1300 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE CN.410

STEP: .11 IN. AT 46.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.98	52.76	41.37	3.19
1.0	12.02	15.28	13.65	3.67
2.0	4.18	4.96	4.57	4.29
4.0	1.69	1.92	1.81	4.12
8.0	.78	.79	.79	3.62
16.0	.42	.38	.40	3.42
32.0	.26	.23	.25	3.03
64.0	.13	.11	.12	2.93
128.0	.02	.02	.02	3.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 37.17

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.17

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

2 37.17 4.21 41.37 13.65 4.570 1.808 .7862 .3979 .2461 .1221 .0224

LOOP410 SAN ANTONIO JUN 88 CTRL SOUTHBOUND, CENTER LANE, BOTH PATHS, A

1300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CS.410

STEP: .11 IN. AT 196.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.65	58.91	44.28	3.15
1.0	10.87	16.95	13.93	3.64
2.0	3.97	4.90	4.43	4.04
4.0	1.82	1.92	1.87	4.07
8.0	.95	.92	.94	3.38
16.0	.45	.40	.43	3.33
32.0	.24	.22	.23	3.14
64.0	.10	.09	.09	3.19
128.0	.02	.02	.02	3.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 40.08

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.09

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

2 40.08 4.31 44.28 13.93 4.438 1.869 .9356 .4260 .2292 .0944 .0175

LOOP410 SAN ANTONIO JUN 88 CTRL SOUTHBOUND, CENTER LANE, BOTH PATHS, B

1300 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE CS.410

STEP: .10 IN. AT 1186.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.71	63.16	46.93	3.12
1.0	10.41	17.14	13.78	3.66
2.0	4.19	5.28	4.73	4.23
4.0	2.19	2.10	2.14	3.81
8.0	1.19	1.01	1.10	3.13
16.0	.62	.52	.57	2.88
32.0	.31	.29	.30	2.72
64.0	.15	.14	.15	2.55
128.0	.03	.04	.03	2.98

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.31

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.87

2 54.31 3.87 46.93 13.78 4.235 2.145 1.1005 .5311 .2992 .1161 .0348

US281 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, ~~RIGHT PATH, A~~ ^{Both Paths}

1100 FT. SECTION BEGINS 1250 FT. FROM MARK 0 IN FILE 05.281

STEP: .14 IN. AT 671.5 FT.
 RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.95	65.82	50.89	3.07
1.0	14.54	19.56	17.05	3.42
2.0	6.15	6.60	6.38	3.65
4.0	2.71	2.81	2.76	3.29
8.0	1.19	1.26	1.23	2.95
16.0	.68	.68	.68	2.58
32.0	.40	.42	.41	2.15
64.0	.15	.16	.15	2.50
128.0	.03	.03	.03	3.16

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

2 73.93 3.86 50.89 17.05 6.378 2.761 1.2256 .6820 .4080 .1509 .0311

US281 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B

1100 FT. SECTION BEGINS 2350 FT. FROM MARK 0 IN FILE 05.281

STEP: .16 IN. AT 68.5 FT.
 RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.88	68.81	52.84	3.04
1.0	16.34	21.52	18.93	3.29
2.0	6.93	7.82	7.37	3.33
4.0	3.57	3.60	3.58	2.69
8.0	1.84	1.83	1.84	2.20
16.0	1.05	.98	1.02	1.94
32.0	.57	.55	.56	1.54
64.0	.20	.20	.20	2.01
128.0	.03	.03	.03	3.08

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 110.85

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.70

2 110.85 3.70 52.84 18.93 7.374 3.585 1.8356 1.0183 .5620 .2013 .0332

US281 SAN ANTONIO JUN 88 CTRL NORTHBOUND, OUTSIDE LANE, BOTH PATHS, A

1100 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE DN.281

STEP: .18 IN. AT 22.5 FT.
 RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.08	89.97	62.52	2.93
1.0	13.59	23.91	18.75	3.30
2.0	5.27	6.69	5.98	3.79
4.0	2.01	2.38	2.20	3.77
8.0	1.30	1.31	1.31	2.83
16.0	.90	.88	.89	2.09
32.0	.51	.52	.51	1.71
64.0	.18	.18	.18	2.19
128.0	.05	.05	.05	2.64

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.59

2 73.80 3.59 62.52 18.75 5.980 2.199 1.3093 .8932 .5137 .1814 .0464

US281 SAN ANTONIO JUN 88 CTRL NORTHBOUND, OUTSIDE LANE, BOTH PATHS, B

1100 FT. SECTION BEGINS 1100 FT. FROM MARK 0 IN FILE DN.281

STEP: .19 IN. AT 29.0 FT.
 RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.42	74.06	53.74	3.03
1.0	12.83	20.15	16.49	3.46
2.0	4.91	5.84	5.37	4.00
4.0	2.17	2.33	2.25	3.72
8.0	1.45	1.44	1.44	2.66
16.0	1.03	1.05	1.04	1.80
32.0	.53	.53	.53	1.65
64.0	.20	.19	.19	2.08
128.0	.07	.07	.07	2.03

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 83.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.03

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.08

2 83.10 3.08 53.74 16.49 5.374 2.248 1.4429 1.0382 .5316 .1933 .0685

US281 SAN ANTONIO JUN 88 TEST SOUTHBOUND, CENTER LANE, BOTH PATHS, A

1100 FT. SECTION BEGINS 1250 FT. FROM MARK 0 IN FILE CS.281

STEP: .20 IN. AT 323.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.71	72.41	55.06	3.02
1.0	18.16	22.96	20.56	3.10
2.0	7.15	8.38	7.76	3.21
4.0	3.14	3.52	3.33	2.86
8.0	1.27	1.51	1.39	2.73
16.0	.61	.63	.62	2.75
32.0	.35	.33	.34	2.49
64.0	.16	.15	.15	2.47
128.0	.04	.03	.04	2.97

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.04

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.66

2 82.65 3.66 55.06 20.56 7.765 3.334 1.3899 .6179 .3390 .1532 .0363

US281 SAN ANTONIO JUN 88 TEST SOUTHBOUND, CENTER LANE, BOTH PATHS, B

1100 FT. SECTION BEGINS 2350 FT. FROM MARK 0 IN FILE CS.281

STEP: .12 IN. AT 1015.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.75	69.64	53.20	3.04
1.0	16.54	21.92	19.23	3.27
2.0	7.01	8.18	7.60	3.26
4.0	3.29	3.63	3.46	2.77
8.0	1.47	1.65	1.56	2.52
16.0	.75	.72	.74	2.44
32.0	.42	.41	.41	2.13
64.0	.14	.14	.14	2.58
128.0	.03	.03	.03	3.30

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 92.09

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.85

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.84

2 92.09 3.84 53.20 19.23 7.595 3.459 1.5583 .7362 .4127 .1437 .0274

US281 SAN ANTONIO JUN 88 CTRL NORTHBOUND,CENTER LANE,BOTH PATHS,A

1100 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CN.281

STEP: .19 IN. AT 175.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.62	81.42	57.52	2.99
1.0	10.58	21.55	16.06	3.49
2.0	3.91	5.99	4.95	4.15
4.0	1.78	2.04	1.91	4.03
8.0	1.11	1.12	1.11	3.11
16.0	.76	.75	.76	2.39
32.0	.51	.49	.50	1.77
64.0	.18	.17	.18	2.22
128.0	.05	.05	.05	2.62

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.58

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.62

2 59.80 3.62 57.52 16.06 4.949 1.910 1.1125 .7566 .4994 .1787 .0471

US281 SAN ANTONIO JUN 88 CTRL NORTHBOUND,CENTER LANE,BOTH PATHS,B

1100 FT. SECTION BEGINS 1100 FT. FROM MARK 0 IN FILE CN.281

STEP: .14 IN. AT 842.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.77	77.67	56.22	3.00
1.0	10.72	19.53	15.12	3.56
2.0	3.83	5.57	4.70	4.24
4.0	1.79	1.98	1.88	4.05
8.0	1.10	1.05	1.08	3.16
16.0	.79	.75	.77	2.37
32.0	.46	.43	.44	1.99
64.0	.17	.17	.17	2.32
128.0	.05	.05	.05	2.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.84

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.58

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.62

2 59.84 3.62 56.22 15.12 4.704 1.883 1.0780 .7677 .4430 .1678 .0474

US281 SAN ANTONIO OCT'85 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 1196 FT. FROM MARK 0 IN FILE IS.281

STEP: .12 IN. AT 448.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.55	64.67	51.11	3.06
1.0	17.07	20.86	18.97	3.29
2.0	7.07	8.21	7.64	3.24
4.0	3.10	3.70	3.40	2.82
8.0	1.31	1.74	1.53	2.55
16.0	.73	.87	.80	2.29
32.0	.41	.49	.45	1.97
64.0	.13	.16	.15	2.54
128.0	.03	.03	.03	3.26

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 94.32

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.80

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.83

2 94.32 3.83 51.11 18.97 7.642 3.398 1.5281 .7986 .4492 .1468 .0283

US281 SAN ANTONIO OCT'85 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 2196 FT. FROM MARK 0 IN FILE IS.281

STEP: .15 IN. AT 283.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.88	70.75	54.32	3.03
1.0	17.24	22.50	19.87	3.23
2.0	6.75	8.07	7.41	3.32
4.0	3.04	3.51	3.27	2.90
8.0	1.46	1.75	1.61	2.46
16.0	.79	.87	.83	2.23
32.0	.41	.45	.43	2.05
64.0	.13	.14	.14	2.67
128.0	.04	.04	.04	2.98

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 93.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.82

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.67

2 93.24 3.67 54.32 19.87 7.412 3.273 1.6058 .8271 .4300 .1357 .0360

US281 SAN ANTONIO JUN 88 CTRL NORTHBOUND, INSIDE LANE, BOTH PATHS, A

1000 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IN.281

STEP: .11 IN. AT 71.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.23	75.62	54.93	3.02
1.0	10.59	19.72	15.15	3.56
2.0	3.95	5.73	4.84	4.19
4.0	1.68	1.93	1.80	4.13
8.0	.93	.93	.93	3.38
16.0	.64	.61	.63	2.73
32.0	.42	.38	.40	2.18
64.0	.16	.13	.15	2.55
128.0	.05	.04	.05	2.62

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 50.05

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.82

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.64

2 50.05 3.64 54.93 15.15 4.839 1.804 .9312 .6257 .4004 .1461 .0469

US281 SAN ANTONIO JUN 88 CTRL NORTHBOUND, INSIDE LANE, BOTH PATHS, B

1000 FT. SECTION BEGINS 1000 FT. FROM MARK 0 IN FILE IN.281

STEP: .11 IN. AT 44.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.86	67.30	52.08	3.05
1.0	11.67	18.06	14.87	3.58
2.0	4.16	5.48	4.82	4.20
4.0	1.71	1.96	1.84	4.09
8.0	1.03	1.09	1.06	3.19
16.0	.74	.77	.76	2.39
32.0	.47	.49	.48	1.85
64.0	.18	.20	.19	2.07
128.0	.04	.04	.04	2.72

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 58.41

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.61

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.70

2 58.41 3.70 52.08 14.87 4.818 1.837 1.0575 .7598 .4765 .1940 .0439

IH-10 SAN ANTONIO JUNE'88 WEST-CONTROL EASTBOUND, OUTSIDE, BOTH PATHS, A1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEA.10

STEP: .46 IN. AT 9.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.44	88.09	63.27	2.92
1.0	13.64	26.31	19.97	3.22
2.0	4.57	7.98	6.27	3.69
4.0	1.74	2.51	2.13	3.83
8.0	1.01	1.15	1.08	3.16
16.0	.75	.79	.77	2.36
32.0	.51	.50	.50	1.76
64.0	.24	.23	.23	1.75
128.0	.03	.03	.03	3.11

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 65.30

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.92

5.30 3.92 63.27 19.97 6.273 2.126 1.0807 .7715 .5017 .2933 .0325

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, A2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEA.10

STEP: .09 IN. AT 1009.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.53	66.23	49.89	3.08
1.0	10.90	18.94	14.92	3.57
2.0	3.53	5.74	4.64	4.27
4.0	1.28	1.73	1.50	4.41
8.0	.62	.69	.65	3.85
16.0	.39	.40	.39	3.43
32.0	.26	.26	.26	2.95
64.0	.14	.13	.13	2.68
128.0	.02	.01	.01	3.82

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.35

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.43

30.45 4.43 49.88 14.92 4.637 1.504 .5512 .3948 .2588 .1350 .0147

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, A3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEA.10

STEP: .12 IN. AT 835.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.48	72.19	51.84	3.06
1.0	10.23	20.11	15.17	3.55
2.0	3.41	6.07	4.74	4.23
4.0	1.33	1.84	1.58	4.33
8.0	.81	.88	.84	3.52
16.0	.55	.56	.56	2.92
32.0	.29	.29	.29	2.76
64.0	.11	.11	.11	2.99
128.0	.03	.03	.03	3.25

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 41.42

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.05

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.09

.1.42 4.09 51.84 15.17 4.740 1.585 .8449 .5572 .2909 .1097 .0286

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, A4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEA.10

STEP: .13 IN. AT 357.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.71	74.03	53.37	3.04
1.0	10.48	20.85	15.66	3.52
2.0	3.51	6.15	4.83	4.20
4.0	1.41	2.06	1.74	4.19
8.0	.73	.79	.76	3.67
16.0	.42	.40	.41	3.38
32.0	.22	.20	.21	3.26
64.0	.10	.09	.09	3.21
128.0	.03	.02	.02	3.43

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 36.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

36.35 4.17 53.37 15.66 4.833 1.735 .7577 .4109 .2114 .0931 .0241

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, A5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEA.10

STEP: .16 IN. AT 100.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.07	80.38	57.23	2.99
1.0	11.75	21.73	16.74	3.44
2.0	3.67	6.24	4.96	4.15
4.0	1.46	2.00	1.73	4.19
8.0	.80	.89	.85	3.52
16.0	.56	.59	.57	2.88
32.0	.35	.36	.36	2.38
64.0	.14	.15	.15	2.56
128.0	.02	.02	.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.48

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.94

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

.5.48 4.18 57.23 16.74 4.958 1.732 .8469 .5725 .3597 .1455 .0237

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, A6

300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEA.10

STEP: .10 IN. AT 222.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.91	72.52	53.71	3.03
1.0	11.46	20.64	16.05	3.49
2.0	3.69	6.14	4.92	4.17
4.0	1.54	1.95	1.75	4.18
8.0	.77	.75	.76	3.67
16.0	.41	.38	.40	3.42
32.0	.27	.22	.24	3.05
64.0	.10	.08	.09	3.21
128.0	.00	.00	.00	4.32

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.20

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.66

35.77 4.66 53.71 16.05 4.915 1.745 .7580 .3969 .2436 .0930 .0031

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, B1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEB.10

STEP: .16 IN. AT 558.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.00	80.88	56.44	3.00
1.0	10.50	21.89	16.20	3.48
2.0	3.61	6.66	5.13	4.09
4.0	1.37	1.94	1.66	4.26
8.0	.73	.82	.77	3.64
16.0	.45	.45	.45	3.25
32.0	.28	.28	.28	2.82
64.0	.14	.14	.14	2.63
128.0	.04	.04	.04	2.88

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.95

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.17

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.84

16.95 3.84 56.44 16.20 5.133 1.659 .7708 .4505 .2812 .1396 .0389

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, B2

820 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEB.10

STEP: .11 IN. AT 636.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.96	77.61	55.29	3.01
1.0	11.21	21.30	16.25	3.48
2.0	3.58	6.11	4.84	4.19
4.0	1.39	1.94	1.67	4.25
8.0	.79	.80	.79	3.61
16.0	.53	.53	.53	3.00
32.0	.35	.35	.35	2.43
64.0	.12	.12	.12	2.88
128.0	.02	.02	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 41.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.04

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

41.75 4.24 55.29 16.25 4.844 1.665 .7913 .5324 .3494 .1183 .0216

IH-10 SAN ANTONIO JUNE'88 MID-CONTROL EASTBOUND, OUTSIDE, BOTH PATHS, B3

421 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEB.10

STEP: .10 IN. AT 363.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.94	75.20	53.57	3.03
1.0	11.00	20.96	15.98	3.50
2.0	3.59	6.14	4.87	4.18
4.0	1.51	1.95	1.73	4.19
8.0	.72	.68	.70	3.76
16.0	.34	.30	.32	3.69
32.0	.18	.17	.17	3.53
64.0	.08	.06	.07	3.51
128.0	.01	.01	.01	3.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.02

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.43

31.02 4.43 53.57 15.98 4.867 1.731 .7025 .3189 .1739 .0719 .0129

IH-10 SAN ANTONIO JUNE'88 EAST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, B4

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEB.10

STEP: .15 IN. AT 234.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.11	76.46	54.79	3.02
1.0	11.39	21.72	16.55	3.45
2.0	3.81	6.14	4.97	4.15
4.0	1.33	1.92	1.62	4.30
8.0	.56	.68	.62	3.90
16.0	.27	.27	.27	3.87
32.0	.14	.13	.14	3.80
64.0	.07	.06	.06	3.65
128.0	.01	.01	.01	3.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.45

25.86 4.45 54.79 16.55 4.972 1.622 .6199 .2695 .1377 .0622 .0129

IH-10 SAN ANTONIO JUNE'88 EAST-TEST EASTBOUND, OUTSIDE, BOTH PATHS, B5

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEB.10

STEP: .18 IN. AT 98.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.24	81.37	57.31	2.99
1.0	11.32	21.80	16.56	3.45
2.0	3.67	6.40	5.03	4.12
4.0	1.62	2.07	1.84	4.09
8.0	.93	.92	.92	3.39
16.0	.67	.63	.65	2.67
32.0	.44	.40	.42	2.09
64.0	.19	.18	.19	2.13
128.0	.04	.04	.04	2.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.13

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.77

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.79

12.13 3.79 57.31 16.56 5.034 1.845 .9246 .6466 .4204 .1877 .0403

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL EASTBOUND, OUTSIDE, BOTH PATHS, B6

940 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEB.10

STEP: .13 IN. AT 554.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.38	76.79	54.09	3.03
1.0	10.54	21.19	15.86	3.50
2.0	3.65	6.35	5.00	4.13
4.0	1.31	1.80	1.56	4.36
8.0	.58	.66	.62	3.90
16.0	.34	.34	.34	3.63
32.0	.23	.23	.23	3.15
64.0	.12	.12	.12	2.86
128.0	.02	.02	.02	3.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 28.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.41

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

28.22 4.22 54.09 15.86 5.001 1.555 .6190 .3364 .2287 .1195 .0233

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL EASTBOUND, OUTSIDE, BOTH PATHS, B7

704 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OEB.10

STEP: .11 IN. AT 309.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.61	64.49	47.55	3.11
1.0	10.75	18.41	14.58	3.60
2.0	3.71	5.71	4.71	4.24
4.0	1.39	1.86	1.62	4.29
8.0	.74	.81	.78	3.64
16.0	.48	.51	.49	3.11
32.0	.31	.32	.31	2.63
64.0	.12	.12	.12	2.88
128.0	.02	.02	.02	3.75

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 38.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.12

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

18.72 4.37 47.55 14.58 4.711 1.624 .7757 .4946 .3129 .1185 .0163

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL WESTBOUND, OUTSIDE, BOTH PATHS, A1

704 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWA.10

STEP: .13 IN. AT 125.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.01	82.74	57.88	2.98
1.0	10.89	20.95	15.92	3.50
2.0	3.84	5.72	4.78	4.22
4.0	1.84	2.12	1.98	3.96
8.0	1.16	1.20	1.18	3.01
16.0	.78	.79	.78	2.33
32.0	.39	.41	.40	2.19
64.0	.13	.14	.13	2.73
128.0	.02	.02	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.88

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

62.88 4.20 57.88 15.92 4.778 1.980 1.1824 .7841 .3997 .1307 .0214

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL WESTBOUND, OUTSIDE, BOTH PATHS, A2

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWA.10

STEP: .10 IN. AT 655.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.60	78.28	56.44	3.00
1.0	11.10	20.11	15.60	3.52
2.0	3.50	5.67	4.58	4.29
4.0	1.40	1.72	1.56	4.35
8.0	.83	.79	.81	3.58
16.0	.61	.54	.58	2.87
32.0	.41	.37	.39	2.23
64.0	.16	.15	.16	2.45
128.0	.02	.02	.02	3.50

NO (MRM SIMSTAT) (COUNTS/.2 MILE): 41.92

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.04

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

41.92 4.24 56.44 15.60 4.581 1.560 .8099 .5752 .3909 .1555 .0223

IH-10 SAN ANTONIO JUNE'88 EAST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, A3

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWA.10

STEP: .15 IN. AT 744.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.75	78.12	55.93	3.01
1.0	12.19	21.58	16.88	3.43
2.0	3.98	6.00	4.99	4.14
4.0	1.97	2.20	2.08	3.87
8.0	1.39	1.37	1.38	2.74
16.0	.99	.97	.99	1.91
32.0	.57	.57	.57	1.52
64.0	.25	.25	.25	1.60
128.0	.04	.04	.04	2.90

NO (MRM SIMSTAT) (COUNTS/.2 MILE): 76.38

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.80

76.38 3.80 55.93 16.88 4.990 2.084 1.3804 .9820 .5680 .2531 .0384

IH-10 SAN ANTONIO JUNE'88 EAST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, A4

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWA.10

STEP: .13 IN. AT 313.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.64	81.72	57.68	2.98
1.0	12.49	23.21	17.85	3.36
2.0	4.05	7.01	5.53	3.94
4.0	1.48	2.22	1.85	4.08
8.0	.78	.90	.84	3.53
16.0	.55	.56	.55	2.94
32.0	.36	.35	.36	2.39
64.0	.14	.14	.14	2.61
128.0	.02	.02	.02	3.70

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 46.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.91

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

16.86 4.31 57.68 17.85 5.532 1.849 .8398 .5524 .3572 .1410 .0175

IH-10 SAN ANTONIO JUNE'88 MID-CONTROL WESTBOUND, OUTSIDE, BOTH PATHS, A5

352 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWA.10

STEP: .11 IN. AT 234.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.16	81.28	57.72	2.98
1.0	10.34	21.32	15.83	3.51
2.0	3.50	5.81	4.65	4.26
4.0	1.23	1.74	1.49	4.42
8.0	.57	.59	.58	3.97
16.0	.34	.34	.34	3.61
32.0	.23	.23	.23	3.17
64.0	.11	.11	.11	3.04
128.0	.01	.01	.01	3.91

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 26.97

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.48

26.97 4.48 57.72 15.83 4.653 1.485 .5793 .3409 .2259 .1053 .0125

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, A6

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWA.10

STEP: .10 IN. AT 807.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.73	76.62	54.18	3.03
1.0	10.09	20.28	15.19	3.55
2.0	3.26	5.64	4.45	4.33
4.0	1.20	1.69	1.44	4.46
8.0	.61	.67	.64	3.87
16.0	.38	.40	.39	3.44
32.0	.25	.26	.26	2.97
64.0	.11	.11	.11	2.99
128.0	.02	.02	.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 28.97

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.39

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

28.97 4.29 54.18 15.19 4.454 1.443 .6393 .3921 .2563 .1097 .0208

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, A7

520 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWA.10

STEP: .14 IN. AT 243.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.53	81.57	57.55	2.99
1.0	10.53	21.09	15.81	3.51
2.0	3.39	5.61	4.50	4.32
4.0	1.15	1.61	1.38	4.52
8.0	.59	.60	.59	3.95
16.0	.41	.34	.37	3.50
32.0	.31	.26	.29	2.79
64.0	.16	.14	.15	2.50
128.0	.01	.01	.01	4.00

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.50

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.54

26.50 4.54 57.55 15.81 4.500 1.378 .5908 .3734 .2852 .1512 .0104

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, B1

536 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE DWB.10

STEP: .10 IN. AT 7.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.09	72.99	51.54	3.06
1.0	11.26	21.42	16.34	3.47
2.0	3.75	6.14	4.94	4.16
4.0	1.37	2.08	1.72	4.20
8.0	.66	.77	.72	3.74
16.0	.41	.43	.42	3.35
32.0	.27	.27	.27	2.89
64.0	.09	.08	.09	3.27
128.0	.03	.03	.03	3.13

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.99

16.55 3.99 51.54 16.34 4.942 1.724 .7162 .4188 .2697 .0885 .0320

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE DWB.10

STEP: .10 IN. AT 939.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.02	71.77	52.90	3.04
1.0	11.44	19.27	15.36	3.54
2.0	3.63	5.37	4.50	4.32
4.0	1.44	1.79	1.62	4.30
8.0	.83	.86	.85	3.52
16.0	.59	.61	.60	2.80
32.0	.38	.39	.38	2.27
64.0	.14	.15	.15	2.56
128.0	.02	.03	.02	3.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 44.50

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.97

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.19

44.50 4.19 52.90 15.36 4.499 1.617 .8459 .5991 .3814 .1455 .0243

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWB.10

STEP: .11 IN. AT 442.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.02	69.13	51.57	3.06
1.0	10.86	18.85	14.86	3.58
2.0	3.50	5.42	4.46	4.33
4.0	1.42	1.84	1.63	4.29
8.0	.84	.82	.83	3.55
16.0	.54	.54	.54	2.97
32.0	.28	.30	.29	2.75
64.0	.11	.11	.11	3.03
128.0	.02	.02	.02	3.72

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 41.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.05

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

41.44 4.36 51.57 14.86 4.457 1.628 .8291 .5412 .2928 .1062 .0168

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, B4

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWB.10

STEP: .11 IN. AT 780.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.75	75.69	54.72	3.02
1.0	10.98	20.97	15.98	3.50
2.0	3.59	5.88	4.73	4.23
4.0	1.58	1.96	1.77	4.16
8.0	.91	.94	.92	3.39
16.0	.60	.60	.60	2.80
32.0	.35	.35	.35	2.42
64.0	.13	.13	.13	2.69
128.0	.02	.02	.02	3.45

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

47.86 4.18 54.72 15.98 4.732 1.769 .9249 .6005 .3529 .1344 .0236

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, OUTSIDE, BOTH PATHS, B5

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWB.10

STEP: .12 IN. AT 6.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.33	78.09	56.21	3.00
1.0	10.86	20.45	15.65	3.52
2.0	3.61	5.74	4.67	4.25
4.0	1.37	1.79	1.58	4.34
8.0	.65	.65	.65	3.85
16.0	.38	.35	.36	3.54
32.0	.22	.22	.22	3.21
64.0	.10	.10	.10	3.09
128.0	.02	.02	.02	3.48

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 30.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

30.14 4.23 56.21 15.65 4.672 1.578 .6483 .3616 .2188 .1014 .0228

IH-10 SAN ANTONIO JUNE'88 WEST-CONTROL WESTBOUND, OUTSIDE, BOTH PATHS, B6

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OWB.10

STEP: .13 IN. AT 235.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.93	78.64	56.28	3.00
1.0	10.22	20.25	15.23	3.55
2.0	3.44	5.88	4.66	4.26
4.0	1.28	1.85	1.56	4.35
8.0	.53	.70	.61	3.92
16.0	.30	.30	.30	3.77
32.0	.15	.16	.16	3.67
64.0	.04	.04	.04	3.96
128.0	.01	.01	.01	3.98

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 26.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.50

26.24 4.50 56.28 15.23 4.658 1.565 .6115 .2980 .1553 .0424 .0109

IH-10 SAN ANTONIO JUNE'88 WEST-CONTROL EASTBOUND,CENTER,BOTH PATHS,A1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEA.10

STEP: .72 IN. AT 18.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	74.44	83.45	78.95	2.74
1.0	26.17	24.38	25.28	2.88
2.0	7.82	7.52	7.67	3.23
4.0	2.58	2.48	2.53	3.48
8.0	1.14	1.07	1.11	3.12
16.0	.76	.70	.73	2.47
32.0	.52	.48	.50	1.76
64.0	.23	.21	.22	1.85
128.0	.03	.03	.03	3.11

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.48

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

71.48 3.86 78.95 25.28 7.673 2.533 1.1072 .7256 .5006 .2198 .0324

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND,CENTER,BOTH PATHS,A2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEA.10

STEP: .12 IN. AT 398.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.47	67.53	51.00	3.07
1.0	10.78	18.71	14.75	3.59
2.0	3.56	5.83	4.69	4.25
4.0	1.37	1.78	1.57	4.34
8.0	.61	.63	.62	3.90
16.0	.32	.32	.32	3.70
32.0	.19	.18	.18	3.45
64.0	.08	.08	.08	3.45
128.0	.01	.01	.01	3.96

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.48

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.43

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.49

6 27.48 4.49 51.00 14.75 4.694 1.571 .6228 .3173 .1840 .0758 .0113

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, CENTER, BOTH PATHS, A3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEA.10

STEP: .21 IN. AT 444.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.54	67.11	50.33	3.07
1.0	10.65	19.88	15.27	3.55
2.0	3.59	6.47	5.03	4.12
4.0	1.44	2.01	1.73	4.20
8.0	.78	.87	.82	3.56
16.0	.49	.51	.50	3.10
32.0	.25	.24	.24	3.05
64.0	.10	.10	.10	3.15
128.0	.02	.02	.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 41.10

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.06

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

41.10 4.21 50.33 15.27 5.032 1.726 .8243 .4978 .2430 .0974 .0226

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, CENTER, BOTH PATHS, A4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEA.10

STEP: .13 IN. AT 576.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.92	69.21	51.55	3.06
1.0	10.97	18.10	14.54	3.60
2.0	3.72	5.56	4.64	4.27
4.0	1.50	1.92	1.71	4.21
8.0	.70	.76	.73	3.71
16.0	.38	.39	.39	3.45
32.0	.18	.19	.18	3.45
64.0	.07	.07	.07	3.54
128.0	.01	.01	.01	3.84

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.59

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.41

6 34.59 4.41 51.56 14.54 4.639 1.710 .7309 .3897 .1843 .0699 .0141

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, CENTER, BOTH PATHS, A5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEA.10

STEP: .12 IN. AT 476.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.09	72.76	53.42	3.04
1.0	10.41	19.33	14.87	3.58
2.0	3.23	5.50	4.36	4.37
4.0	1.21	1.69	1.45	4.45
8.0	.67	.76	.71	3.74
16.0	.48	.50	.49	3.12
32.0	.32	.33	.33	2.55
64.0	.14	.14	.14	2.67
128.0	.02	.02	.02	3.52

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.81

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

34.81 4.27 53.42 14.87 4.364 1.451 .7137 .4917 .3284 .1353 .0218

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, CENTER, BOTH PATHS, A6

300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEA.10

STEP: .09 IN. AT 101.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.76	72.75	52.26	3.05
1.0	10.87	19.47	15.17	3.55
2.0	3.61	5.69	4.65	4.26
4.0	1.40	1.83	1.61	4.30
8.0	.64	.65	.65	3.86
16.0	.31	.25	.28	3.82
32.0	.17	.15	.16	3.62
64.0	.06	.06	.06	3.71
128.0	.01	.02	.02	3.78

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 26.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

6 26.45 4.39 52.26 15.17 4.649 1.614 .6455 .2831 .1613 .0587 .0154

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, CENTER, BOTH PATHS, D1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEB.10

STEP: .11 IN. AT 480.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.07	72.00	52.54	3.05
1.0	10.58	19.70	15.14	3.56
2.0	3.78	5.61	4.69	4.25
4.0	1.31	1.82	1.57	4.35
8.0	.56	.58	.57	3.99
16.0	.32	.31	.31	3.72
32.0	.21	.20	.21	3.30
64.0	.12	.11	.11	2.96
128.0	.03	.03	.03	3.19

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 27.05

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

27.05 4.06 52.54 15.14 4.692 1.565 .5700 .3120 .2063 .1120 .0302

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, CENTER, BOTH PATHS, B2

820 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEB.10

STEP: .10 IN. AT 786.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.46	68.33	51.40	3.06
1.0	10.93	18.58	14.75	3.58
2.0	3.89	5.50	4.69	4.25
4.0	1.48	1.71	1.60	4.32
8.0	.65	.68	.67	3.92
16.0	.41	.41	.41	3.37
32.0	.27	.25	.26	2.95
64.0	.10	.09	.10	3.17
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.48

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.32

7 33.48 4.32 51.40 14.75 4.693 1.595 .6674 .4137 .2592 .0957 .0186

IH-10 SAN ANTONIO JUNE'88 MID-CONTROL EASTBOUND, CENTER, BOTH PATHS, B3

421 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEB.10

STEP: .12 IN. AT 277.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.87	89.13	62.50	2.33
1.0	11.37	23.39	17.38	3.40
2.0	3.68	6.68	5.18	4.07
4.0	1.33	1.85	1.60	4.32
8.0	.69	.73	.71	3.75
16.0	.36	.37	.36	3.54
32.0	.19	.20	.20	3.37
64.0	.06	.05	.06	3.73
128.0	.02	.02	.02	3.72

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 30.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

30.60 4.36 62.50 17.38 5.180 1.595 .7055 .3629 .1962 .0573 .0169

IH-10 SAN ANTONIO JUNE'88 EAST-TEST EASTBOUND, CENTER, BOTH PATHS, B4

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEB.10

STEP: .17 IN. AT 734.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.69	75.16	54.43	3.02
1.0	11.04	21.11	16.08	3.49
2.0	3.37	6.14	4.76	4.22
4.0	1.23	1.69	1.46	4.45
8.0	.60	.64	.62	3.90
16.0	.34	.31	.32	3.68
32.0	.17	.16	.16	3.60
64.0	.07	.07	.07	3.55
128.0	.01	.01	.01	3.92

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 25.37

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.43

7 25.37 4.49 54.43 16.08 4.758 1.461 .6186 .3222 .1649 .0693 .0121

IH-10 SAN ANTONIO JUNE'88 EAST-TEST EASTBOUND, CENTER, BOTH PATHS, B5

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEB.10

STEP: .14 IN. AT 264.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.48	82.29	58.88	2.97
1.0	10.65	22.44	16.54	3.46
2.0	3.44	6.17	4.80	4.21
4.0	1.47	2.14	1.80	4.12
8.0	.92	1.02	.97	3.33
16.0	.61	.64	.63	2.73
32.0	.35	.34	.34	2.47
64.0	.17	.17	.17	2.33
128.0	.03	.04	.03	3.02

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 50.06

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.82

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

50.06 3.91 58.88 16.54 4.804 1.805 .9674 .6254 .3426 .1668 .0350

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL EASTBOUND, CENTER, BOTH PATHS, B6

940 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEB.10

STEP: .09 IN. AT 878.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.92	71.43	51.68	3.06
1.0	10.29	19.38	14.84	3.58
2.0	3.25	5.74	4.49	4.32
4.0	1.29	1.69	1.49	4.42
8.0	.67	.74	.71	3.75
16.0	.40	.42	.41	3.37
32.0	.22	.22	.22	3.20
64.0	.11	.09	.10	3.10
128.0	.02	.02	.02	3.48

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 31.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

7 31.16 4.24 51.68 14.84 4.492 1.488 .7054 .4136 .2204 .1009 .0228

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL EASTBOUND, CENTER, BOTH PATHS, B7

704 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CEB.10

STEP: .10 IN. AT 322.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.39	76.51	55.95	3.01
1.0	11.13	20.21	15.67	3.52
2.0	3.65	6.17	4.91	4.17
4.0	1.53	1.99	1.76	4.16
8.0	.87	.91	.89	3.45
16.0	.57	.57	.57	2.89
32.0	.31	.30	.31	2.66
64.0	.12	.12	.12	2.89
128.0	.02	.02	.02	3.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.17

45.89 4.17 55.95 15.67 4.912 1.763 .8920 .5681 .3084 .1173 .0242

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL WESTBOUND, CENTER, BOTH PATHS, A1

704 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWA.10

STEP: .13 IN. AT 12.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.56	76.71	54.64	3.02
1.0	10.30	20.20	15.25	3.55
2.0	3.63	5.65	4.64	4.27
4.0	1.70	1.99	1.85	4.09
8.0	1.08	1.09	1.08	3.15
16.0	.74	.74	.74	2.42
32.0	.40	.40	.40	2.18
64.0	.13	.13	.13	2.72
128.0	.02	.02	.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 57.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.63

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

7 57.70 4.26 54.64 15.25 4.640 1.845 1.0845 .7443 .4007 .1311 .0196

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL WESTBOUND, CENTER, BOTH PATHS, A2

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWA.10

STEP: .11 IN. AT 341.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.02	73.56	54.29	3.03
1.0	11.30	19.84	15.57	3.53
2.0	3.87	5.49	4.68	4.25
4.0	1.30	1.76	1.53	4.38
8.0	.72	.78	.75	3.68
16.0	.49	.49	.49	3.11
32.0	.32	.30	.31	2.67
64.0	.14	.12	.13	2.73
128.0	.01	.01	.01	3.82

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.62

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.42
 . 36.62 4.42 54.29 15.57 4.683 1.530 .7476 .4936 .3066 .1307 .0146

IH-10 SAN ANTONIO JUNE'88 EAST-TEST WESTBOUND, CENTER, BOTH PATHS, A3

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWA.10

STEP: .12 IN. AT 191.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.88	78.17	55.53	3.01
1.0	10.63	21.64	16.14	3.48
2.0	3.69	6.23	4.96	4.15
4.0	1.72	2.24	1.98	3.96
8.0	1.23	1.28	1.26	2.91
16.0	.89	.90	.90	2.08
32.0	.57	.58	.57	1.51
64.0	.24	.23	.23	1.74
128.0	.04	.04	.04	2.73

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.18

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.35

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.69
 7 69.18 3.69 55.53 16.14 4.962 1.980 1.2556 .8951 .5737 .2341 .0437

IH-10 SAN ANTONIO JUNE'88 EAST-TEST WESTBOUND, CENTER, BOTH PATHS, A4

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWA.10

STEP: .10 IN. AT 315.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.83	74.77	52.80	3.04
1.0	10.08	20.30	15.19	3.55
2.0	3.28	5.41	4.35	4.37
4.0	1.21	1.69	1.45	4.46
8.0	.64	.71	.68	3.81
16.0	.43	.41	.42	3.34
32.0	.25	.24	.24	3.05
64.0	.09	.08	.09	3.31
128.0	.01	.01	.01	3.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.34

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.48

30.68 4.48 52.80 15.19 4.345 1.447 .6751 .4208 .2435 .0856 .0128

IH-10 SAN ANTONIO JUNE'88 MID-CONTROL WESTBOUND, CENTER, BOTH PATHS, A5

352 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWA.10

STEP: .11 IN. AT 108.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.98	69.43	52.21	3.05
1.0	11.00	19.18	15.09	3.56
2.0	3.21	5.01	4.11	4.46
4.0	1.08	1.47	1.27	4.62
8.0	.47	.55	.51	4.09
16.0	.26	.28	.27	3.86
32.0	.17	.20	.19	3.47
64.0	.07	.09	.08	3.36
128.0	.01	.01	.01	4.15

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 18.49

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.64

7 18.49 4.64 52.21 15.09 4.109 1.272 .5096 .2726 .1817 .0821 .0070

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, CENTER, BOTH PATHS, A6

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWA.10

STEP: .14 IN. AT 292.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.19	78.35	55.77	3.01
1.0	10.20	21.26	15.73	3.51
2.0	3.17	6.02	4.60	4.28
4.0	1.23	2.00	1.61	4.30
8.0	.60	.74	.67	3.82
16.0	.32	.33	.33	3.66
32.0	.21	.20	.20	3.33
64.0	.10	.09	.10	3.17
128.0	.02	.01	.02	3.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 28.95

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.39

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

28.95 4.40 55.77 15.73 4.598 1.614 .6666 .3267 .2021 .0961 .0151

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, CENTER, BOTH PATHS, A7

520 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWA.10

STEP: .11 IN. AT 424.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.19	82.42	60.30	2.95
1.0	12.00	22.39	17.19	3.41
2.0	3.65	6.08	4.86	4.18
4.0	1.37	2.01	1.69	4.23
8.0	.68	.79	.74	3.70
16.0	.35	.36	.36	3.56
32.0	.18	.16	.17	3.54
64.0	.09	.07	.08	3.36
128.0	.01	.01	.01	4.19

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.21

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.59

7 32.21 4.59 60.30 17.19 4.864 1.690 .7350 .3556 .1724 .0822 .0062

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND,CENTER,BOTH PATHS,B1

536 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWB.10

STEP: .11 IN. AT 237.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.77	82.23	58.00	2.98
1.0	9.82	19.72	14.77	3.58
2.0	3.07	5.42	4.24	4.41
4.0	1.24	1.66	1.45	4.46
8.0	.66	.63	.65	3.86
16.0	.40	.38	.39	3.44
32.0	.24	.23	.23	3.11
64.0	.08	.08	.08	3.34
128.0	.03	.03	.03	3.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.17

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

29.17 4.10 58.00 14.77 4.242 1.451 .6459 .3927 .2341 .0834 .0290

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND,CENTER,BOTH PATHS,B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWB.10

STEP: .12 IN. AT 312.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.10	74.01	54.55	3.02
1.0	10.38	20.24	15.31	3.54
2.0	3.47	5.57	4.52	4.31
4.0	1.54	1.92	1.73	4.20
8.0	.91	.98	.94	3.37
16.0	.63	.67	.65	2.67
32.0	.41	.41	.41	2.14
64.0	.17	.16	.17	2.33
128.0	.03	.03	.03	3.09

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.83

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.97

49.73 3.97 54.55 15.31 4.521 1.728 .9406 .6490 .4099 .1668 .0329

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND,CENTER,BOTH PATHS,B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWB.10

STEP: .11 IN. AT 973.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.71	71.76	53.74	3.03
1.0	11.14	19.11	15.13	3.56
2.0	3.46	5.37	4.41	4.35
4.0	1.35	1.82	1.58	4.33
8.0	.76	.89	.83	3.55
16.0	.51	.52	.52	3.04
32.0	.30	.28	.29	2.77
64.0	.10	.09	.10	3.17
128.0	.02	.02	.02	3.78

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 39.13

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.11

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

39.13 4.40 53.74 15.13 4.410 1.584 .8267 .5172 .2895 .0957 .0154

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND,CENTER,BOTH PATHS,B4

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWB.10

STEP: .11 IN. AT 68.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.04	72.05	52.54	3.05
1.0	9.77	18.36	14.07	3.63
2.0	3.15	5.24	4.19	4.43
4.0	1.31	1.73	1.52	4.39
8.0	.71	.81	.76	3.66
16.0	.45	.47	.46	3.20
32.0	.28	.27	.28	2.85
64.0	.10	.08	.09	3.27
128.0	.02	.02	.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 34.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.37

6 34.77 4.37 52.54 14.07 4.193 1.520 .7605 .4649 .2758 .0884 .0171

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, CENTER, BOTH PATHS, B5

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWB.10

STEP: .10 IN. AT 867.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.03	71.13	52.58	3.05
1.0	9.52	19.29	14.41	3.61
2.0	2.92	5.03	3.97	4.51
4.0	1.06	1.48	1.27	4.62
8.0	.48	.51	.50	4.11
16.0	.29	.27	.28	3.84
32.0	.18	.17	.18	3.50
64.0	.07	.08	.07	3.46
128.0	.01	.01	.01	3.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 18.67

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.50

18.67 4.50 52.58 14.41 3.972 1.268 .4985 .2775 .1775 .0750 .0129

IH-10 SAN ANTONIO JUNE'88 WEST-CONTROL WESTBOUND, CENTER, BOTH PATHS, B6

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CWB.10

STEP: .11 IN. AT 625.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.54	74.73	56.13	3.00
1.0	12.04	19.52	15.78	3.51
2.0	3.64	5.42	4.53	4.31
4.0	1.21	1.56	1.39	4.51
8.0	.61	.60	.61	3.93
16.0	.37	.31	.34	3.62
32.0	.17	.16	.17	3.59
64.0	.05	.06	.05	3.78
128.0	.01	.01	.01	4.07

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.82

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.58

24.82 4.58 56.13 15.78 4.529 1.387 .6051 .3404 .1654 .0539 .0088

IH-10 SAN ANTONIO JUNE'88 WEST-CONTROL EASTBOUND, INSIDE, BOTH PATHS, A1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEA.10

STEP: .52 IN. AT 13.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	72.63	72.64	72.63	2.81
1.0	20.82	20.44	20.63	3.18
2.0	5.51	5.70	5.60	3.92
4.0	2.11	2.00	2.06	3.90
8.0	.99	.90	.94	3.37
16.0	.62	.60	.61	2.77
32.0	.35	.35	.35	2.44
64.0	.15	.15	.15	2.49
128.0	.03	.03	.03	3.29

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.71

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.04

54.60 4.04 72.63 20.63 5.603 2.055 .9413 .6102 .3484 .1515 .0277

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, INSIDE, BOTH PATHS, A2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEA.10

STEP: .12 IN. AT 129.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.50	64.07	50.28	3.08
1.0	11.11	17.19	14.15	3.53
2.0	3.43	4.86	4.14	4.45
4.0	1.20	1.46	1.33	4.57
8.0	.58	.59	.58	3.96
16.0	.36	.34	.35	3.57
32.0	.21	.20	.20	3.32
64.0	.09	.08	.09	3.29
128.0	.01	.01	.01	3.93

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.35

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.51

6 24.35 4.51 50.28 14.15 4.144 1.331 .5845 .3535 .2000 .0871 .0120

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, INSIDE, BOTH PATHS, A3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEA.10

STEP: .11 IN. AT 106.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	40.44	68.03	54.24	3.03
1.0	12.96	18.34	15.65	3.52
2.0	4.91	6.91	5.91	3.81
4.0	2.19	3.09	2.64	3.33
8.0	.86	.97	.92	3.41
16.0	.55	.57	.56	2.32
32.0	.26	.25	.26	2.97
64.0	.09	.08	.09	3.32
128.0	.02	.02	.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.32

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

64.32 4.11 54.24 15.65 5.912 2.641 .9157 .5586 .2567 .0852 .0211

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, INSIDE, BOTH PATHS, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEA.10

STEP: .02 IN. AT 576.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	39.86	62.86	51.36	3.06
1.0	12.32	17.05	14.69	3.53
2.0	4.55	5.96	5.25	4.04
4.0	2.01	2.68	2.34	3.64
8.0	.68	.88	.73	3.63
16.0	.37	.43	.40	3.41
32.0	.21	.22	.21	3.25
64.0	.07	.07	.07	3.55
128.0	.02	.01	.01	3.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.86

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.85

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

6 48.86 4.31 51.36 14.69 5.254 2.341 .7803 .4007 .2100 .0691 .0147

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, INSIDE, BOTH PATHS, A5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEA.10

STEP: .10 IN. AT 785.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.88	65.11	52.00	3.05
1.0	11.68	17.30	14.49	3.60
2.0	4.11	5.69	4.90	4.17
4.0	1.78	2.37	2.07	3.98
8.0	.79	.92	.85	3.51
16.0	.55	.59	.57	2.88
32.0	.36	.38	.37	2.33
64.0	.14	.15	.14	2.61
128.0	.03	.02	.03	3.36

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 52.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.76

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.09

52.72 4.09 52.00 14.49 4.900 2.072 .8525 .5707 .3593 .1410 .9257

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, INSIDE, BOTH PATHS, A6

300 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEA.10

STEP: .08 IN. AT 45.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.95	58.97	47.46	3.11
1.0	11.52	15.70	13.61	3.67
2.0	3.73	5.25	4.49	4.32
4.0	1.62	2.29	1.95	3.99
8.0	.57	.74	.66	3.83
16.0	.29	.31	.30	3.77
32.0	.14	.13	.14	3.81
64.0	.04	.04	.04	4.02
128.0	.01	.01	.01	4.08

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 34.63

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.50

6 34.63 4.50 47.46 13.61 4.491 1.955 .6590 .2974 .1364 .0387 .0086

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, INSIDE, BOTH PATHS, B1

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEB.10

STEP: .09 IN. AT 395.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.36	64.59	51.49	3.06
1.0	12.05	17.54	14.79	3.58
2.0	4.01	5.50	4.76	4.22
4.0	1.86	2.36	2.11	3.85
8.0	.78	.93	.85	3.51
16.0	.37	.37	.37	3.51
32.0	.23	.23	.23	3.15
64.0	.11	.11	.11	3.01
128.0	.03	.03	.03	3.36

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 42.17

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.03

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.09

42.17 4.09 51.48 14.79 4.756 2.109 .8519 .3712 .2279 .1078 .0258

IH-10 SAN ANTONIO JUNE'88 WEST-TEST EASTBOUND, INSIDE, BOTH PATHS, B2

820 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEB.10

STEP: .09 IN. AT 180.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.28	67.11	52.69	3.05
1.0	11.49	18.15	14.92	3.58
2.0	3.99	5.64	4.82	4.20
4.0	2.21	3.00	2.60	3.12
8.0	1.09	1.35	1.22	2.95
16.0	.57	.58	.57	2.87
32.0	.32	.31	.32	2.61
64.0	.12	.11	.12	2.92
128.0	.03	.02	.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.43

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.46

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

7 64.43 4.06 52.69 14.82 4.816 2.604 1.2241 .5747 .3160 .1152 .0240

IH-10 SAN ANTONIO JUNE'88 MID-CONTROL EASTBOUND, INSIDE, BOTH PATHS, B3

421 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEB.10

STEP: .00 IN. AT 166.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.07	64.85	51.46	3.06
1.0	11.60	17.60	14.60	3.60
2.0	3.89	5.80	4.85	4.19
4.0	1.96	2.99	2.40	3.52
8.0	.79	1.09	.94	3.38
16.0	.36	.38	.37	3.51
32.0	.20	.20	.20	3.36
64.0	.06	.04	.05	3.81
128.0	.01	.01	.01	3.89

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 50.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.82

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

50.20 4.33 51.46 14.60 4.847 2.478 .9359 .3726 .1973 .0523 .0129

IH-10 SAN ANTONIO JUNE'88 EAST-TEST EASTBOUND, INSIDE, BOTH PATHS, B4

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEB.10

STEP: .10 IN. AT 435.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.85	65.95	51.40	3.06
1.0	10.32	18.03	14.18	3.63
2.0	3.77	5.70	4.73	4.23
4.0	1.95	2.66	2.30	3.68
8.0	.88	1.17	1.03	3.23
16.0	.40	.45	.43	3.32
32.0	.19	.20	.20	3.37
64.0	.07	.07	.07	3.59
128.0	.01	.01	.01	3.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.36

7 49.55 4.36 51.40 14.18 4.734 2.302 1.0285 .4278 .1965 .0662 .0127

IH-10 SAN ANTONIO JUNE'88 EAST-TEST EASTBOUND, INSIDE, BOTH PATHS, B5

819 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEB.10

STEP: .13 IN. AT 421.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.96	71.10	54.03	3.03
1.0	11.94	19.36	15.65	3.02
2.0	4.25	6.59	5.42	3.08
4.0	2.27	3.39	2.83	3.24
8.0	1.04	1.34	1.19	2.99
16.0	.63	.67	.65	2.66
32.0	.33	.32	.33	2.56
64.0	.15	.13	.14	2.60
128.0	.03	.03	.03	3.22

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.52

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.25

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

73.52 3.90 54.03 15.65 5.422 2.826 1.1942 .6500 .3252 .1420 .0293

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL EASTBOUND, INSIDE, BOTH PATHS, B6

940 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEB.10

STEP: .09 IN. AT 135.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.75	60.29	47.02	3.12
1.0	10.83	16.94	13.88	3.65
2.0	4.51	6.59	5.55	3.94
4.0	2.41	3.30	2.85	3.22
8.0	.90	1.02	.96	3.34
16.0	.56	.56	.56	2.91
32.0	.26	.25	.26	2.95
64.0	.09	.08	.09	3.26
128.0	.02	.02	.02	3.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.96

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.35

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

7 68.96 4.06 47.02 13.88 5.550 2.852 .9603 .5601 .2591 .0892 .0223

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL EASTBOUND, INSIDE, BOTH PATHS, B7

704 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IEB.10

STEP: .09 IN. AT 261.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.03	58.13	46.08	3.13
1.0	10.61	16.58	13.59	3.67
2.0	4.51	6.56	5.54	3.94
4.0	2.38	3.39	2.89	3.19
8.0	1.07	1.47	1.27	2.88
16.0	.57	.67	.62	2.74
32.0	.26	.27	.25	2.94
64.0	.08	.08	.08	3.45
128.0	.02	.02	.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

73.20 4.11 46.08 13.59 5.537 2.887 1.2737 .6214 .2616 .0759 .0201

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL WESTBOUND, INSIDE, BOTH PATHS, A1

704 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWA.10

STEP: .12 IN. AT 80.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	37.61	61.53	49.57	3.08
1.0	12.11	17.54	14.83	3.58
2.0	4.13	5.43	4.78	4.21
4.0	1.63	1.96	1.82	4.11
8.0	1.05	1.10	1.08	3.16
16.0	.75	.80	.78	2.35
32.0	.38	.42	.40	2.19
64.0	.12	.13	.13	2.77
128.0	.02	.02	.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 59.00

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.25

7 59.00 4.25 49.57 14.83 4.781 1.824 1.0755 .7754 .3996 .1268 .0203

IH-10 SAN ANTONIO JUNE'88 EAST-CONTROL WESTBOUND, INSIDE, BOTH PATHS, A2

1072 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWA.10

STEP: .09 IN. AT 145.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.27	58.84	47.05	3.12
1.0	12.88	17.91	15.40	3.54
2.0	4.47	5.89	5.18	4.07
4.0	1.57	1.74	1.66	4.26
8.0	.70	.71	.71	3.75
16.0	.42	.40	.41	3.37
32.0	.25	.25	.25	3.03
64.0	.12	.12	.12	2.83
128.0	.02	.02	.02	3.58

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 34.67

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.27

34.67 4.27 47.06 15.40 5.178 1.655 .7057 .4117 .2466 .1221 .0203

IH-10 SAN ANTONIO JUNE'88 EAST-TEST WESTBOUND, INSIDE, BOTH PATHS, A3

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWA.10

STEP: .11 IN. AT 676.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.19	64.76	48.48	3.10
1.0	11.11	20.42	15.76	3.51
2.0	3.78	6.91	5.35	4.01
4.0	1.56	1.96	1.76	4.17
8.0	1.02	1.09	1.06	3.19
16.0	.78	.81	.79	2.31
32.0	.49	.51	.50	1.75
64.0	.14	.15	.15	2.52
128.0	.04	.04	.04	2.99

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 58.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

7 58.65 3.90 48.48 15.76 5.346 1.759 1.0567 .7939 .5033 .1486 .0358

IH-10 SAN ANTONIO JUNE'88 EAST-TEST WESTBOUND, INSIDE, BOTH PATHS, A4

788 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWA.10

STEP: .10 IN. AT 431.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.86	63.31	47.09	3.12
1.0	10.76	18.96	14.85	3.58
2.0	3.53	5.86	4.70	4.24
4.0	1.16	1.57	1.36	4.53
8.0	.56	.64	.50	3.94
16.0	.33	.36	.34	3.60
32.0	.18	.20	.19	3.42
64.0	.06	.06	.06	3.58
128.0	.01	.01	.01	3.97

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.55

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.52

24.55 4.53 47.09 14.86 4.698 1.365 .5972 .3443 .1885 .0604 .0111

IH-10 SAN ANTONIO JUNE'88 MID-CONTROL WESTBOUND, INSIDE, BOTH PATHS, A5

352 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWA.10

STEP: .07 IN. AT 254.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.41	61.89	49.15	3.10
1.0	12.99	20.75	16.87	3.43
2.0	4.01	6.93	5.42	3.98
4.0	1.28	1.84	1.56	4.35
8.0	.60	.80	.70	3.76
16.0	.34	.39	.36	3.53
32.0	.20	.23	.21	3.24
64.0	.10	.11	.11	3.04
128.0	.01	.01	.01	4.07

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.55

7 29.90 4.55 48.15 16.87 5.419 1.560 .7001 .3643 .2147 .1000 .0007

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, INSIDE, BOTH PATHS, A6

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWA.10

STEP: .08 IN. AT 546.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.36	62.62	47.99	3.10
1.0	11.81	18.15	14.99	3.57
2.0	3.79	5.43	4.61	4.28
4.0	1.31	1.64	1.47	4.43
8.0	.59	.66	.62	3.89
16.0	.28	.29	.28	3.81
32.0	.15	.15	.15	3.73
64.0	.06	.06	.06	3.56
128.0	.01	.01	.01	4.03

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 23.48

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.55

23.48 4.55 47.99 14.99 4.611 1.473 .6242 .2843 .1470 .0617 .0096

IH-10 SAN ANTONIO JUNE'89 WEST-TEST WESTBOUND, INSIDE, BOTH PATHS, A7

520 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWA.10

STEP: .08 IN. AT 496.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.96	59.95	47.46	3.11
1.0	10.88	16.87	13.88	3.65
2.0	3.34	5.29	4.32	4.38
4.0	1.18	1.58	1.38	4.52
8.0	.46	.54	.50	4.11
16.0	.19	.23	.21	4.09
32.0	.11	.12	.11	3.99
64.0	.06	.05	.05	3.76
128.0	.01	.01	.01	3.94

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 17.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.51

7 17.23 4.51 47.46 13.88 4.315 1.379 .4992 .2100 .1134 .0550 .0118

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, INSIDE, BOTH PATHS, B1

536 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWB.10

STEP: .08 IN. AT 371.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.06	60.85	46.96	3.12
1.0	10.49	17.53	14.01	3.64
2.0	3.28	5.38	4.33	4.38
4.0	1.23	1.76	1.50	4.41
8.0	.51	.61	.56	4.00
16.0	.29	.33	.31	3.72
32.0	.19	.21	.20	3.36
64.0	.09	.09	.09	3.23
128.0	.03	.03	.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 25.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.16

25.44 4.16 46.96 14.01 4.327 1.497 .5604 .3096 .1974 .0880 .0264

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, INSIDE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWB.10

STEP: .10 IN. AT 470.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.29	63.09	48.69	3.09
1.0	11.25	17.21	14.23	3.62
2.0	3.75	5.35	4.55	4.30
4.0	1.52	1.87	1.69	4.23
8.0	.86	.88	.87	3.48
16.0	.61	.58	.60	2.81
32.0	.38	.36	.37	2.32
64.0	.13	.13	.13	2.75
128.0	.03	.03	.03	3.30

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 45.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.93

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.11

6 45.98 4.11 48.69 14.23 4.554 1.693 .8704 .5964 .3716 .1292 .0273

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, INSIDE, BOTH PATHS, B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWB.10

STEP: .10 IN. AT 90.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.13	56.90	44.52	3.15
1.0	10.70	16.48	13.62	3.57
2.0	3.57	5.21	4.39	4.36
4.0	1.23	1.61	1.42	4.48
8.0	.58	.62	.60	3.94
16.0	.34	.32	.33	3.65
32.0	.19	.18	.18	3.45
64.0	.09	.07	.08	3.41
128.0	.02	.01	.02	3.75

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 24.92

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.40

24.92 4.40 44.52 13.62 4.386 1.420 .5994 .3299 .1847 .0787 .0162

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, INSIDE, BOTH PATHS, B4

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWB.10

STEP: .11 IN. AT 704.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	38.30	68.99	53.64	3.03
1.0	13.70	18.90	16.30	3.47
2.0	4.70	5.73	5.21	4.06
4.0	1.92	2.22	2.07	3.88
8.0	.99	1.03	1.01	3.26
16.0	.47	.52	.50	3.10
32.0	.23	.26	.24	3.04
64.0	.07	.08	.08	3.41
128.0	.01	.01	.01	3.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.47

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.39

6 48.47 4.39 53.64 16.30 5.212 2.071 1.0096 .4965 .2447 .0784 .0127

IH-10 SAN ANTONIO JUNE'88 WEST-TEST WESTBOUND, INSIDE, BOTH PATHS, B5

938 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWB.10

STEP: .10 IN. AT 623.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.85	61.84	46.85	3.12
1.0	10.77	16.54	13.66	3.67
2.0	3.64	5.07	4.35	4.37
4.0	1.45	1.71	1.58	4.34
8.0	.66	.69	.67	3.81
16.0	.34	.37	.35	3.56
32.0	.19	.22	.20	3.31
64.0	.08	.09	.08	3.06
128.0	.02	.02	.02	2.69

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 29.94

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.34

29.94 4.34 46.85 13.66 4.354 1.580 .5736 .3573 .2044 .0822 .0179

IH-10 SAN ANTONIO JUNE'88 WEST-CONTROL WESTBOUND, INSIDE, BOTH PATHS, B6

756 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IWB.10

STEP: .09 IN. AT 613.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.08	63.67	49.87	3.08
1.0	11.66	17.58	14.62	3.59
2.0	3.68	5.08	4.38	4.36
4.0	1.38	1.83	1.60	4.31
8.0	.69	.83	.76	3.66
16.0	.36	.42	.39	3.45
32.0	.20	.21	.20	3.31
64.0	.08	.08	.08	3.34
128.0	.02	.02	.02	3.63

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

6 32.20 4.31 49.87 14.62 4.383 1.603 .7631 .3682 .2049 .0833 .0190

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSA.37

STEP: .23 IN. AT 920.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	41.96	83.67	62.82	2.92
1.0	15.36	22.30	18.83	3.30
2.0	5.21	6.34	5.77	3.86
4.0	2.07	2.03	2.05	3.90
8.0	.88	.84	.86	3.50
16.0	.52	.48	.50	3.09
32.0	.32	.30	.31	2.65
64.0	.12	.11	.12	2.88
128.0	.03	.03	.03	3.14

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 48.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.87

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.95

48.25 3.95 62.82 18.83 5.775 2.053 .8587 .4994 .3102 .1181 .0317

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,A2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSA.37

STEP: .27 IN. AT 68.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	41.06	79.71	60.39	2.95
1.0	15.08	22.94	19.01	3.28
2.0	5.03	6.36	5.69	3.89
4.0	1.83	1.89	1.86	4.08
8.0	.71	.67	.69	3.78
16.0	.37	.34	.36	3.56
32.0	.24	.21	.23	3.15
64.0	.10	.08	.09	3.29
128.0	.02	.01	.02	3.75

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.20

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

4 35.93 4.33 60.39 19.01 5.692 1.858 .6909 .3568 .2290 .0868 .0162

 IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, A3
 1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE OSA.37

STEP: 1.39 IN. AT 48.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	117.17	104.92	111.05	2.40
1.0	41.27	42.30	41.78	2.03
2.0	11.83	11.57	11.70	2.20
4.0	3.73	3.48	3.61	2.67
8.0	1.33	1.30	1.32	2.82
16.0	.47	.44	.45	3.24
32.0	.21	.18	.20	3.37
64.0	.10	.08	.09	3.28
128.0	.01	.01	.01	3.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 79.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.12

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

79.14 4.10 111.05 41.78 11.703 3.608 1.3159 .4522 .1961 .0876 .0142

 IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, A4
 1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSA.37

STEP: .59 IN. AT 691.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	59.74	70.80	65.27	2.89
1.0	25.24	22.26	23.75	2.98
2.0	8.72	7.24	7.98	3.14
4.0	3.46	2.92	3.19	2.96
8.0	1.27	1.22	1.25	2.92
16.0	.58	.50	.54	2.98
32.0	.29	.28	.28	2.80
64.0	.11	.13	.12	2.84
128.0	.02	.03	.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.96

4 74.99 3.96 65.27 23.75 7.978 3.191 1.2486 .5376 .2844 .1214 .0241

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE OSB.37

STEP: .16 IN. AT 110.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.59	63.67	49.13	3.09
1.0	13.12	18.70	15.91	3.50
2.0	5.44	6.60	6.02	3.77
4.0	2.79	2.93	2.86	3.21
8.0	1.50	1.44	1.47	2.63
16.0	.80	.72	.76	2.38
32.0	.42	.38	.40	2.18
64.0	.13	.12	.12	2.81
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 80.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.09

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

80.54 4.14 49.13 15.91 6.020 2.858 1.4686 .7616 .4000 .1238 .0186

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSB.37

STEP: .11 IN. AT 747.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.04	64.58	48.81	3.09
1.0	11.41	18.16	14.78	3.58
2.0	4.64	5.79	5.21	4.06
4.0	2.61	2.63	2.62	3.41
8.0	1.44	1.39	1.42	2.69
16.0	.82	.80	.81	2.26
32.0	.42	.41	.41	2.13
64.0	.11	.09	.10	3.13
128.0	.02	.02	.02	3.45

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 78.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.14

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

4 78.29 4.06 48.81 14.78 5.211 2.621 1.4173 .8120 .4117 .0984 .0235

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSB.37

STEP: .11 IN. AT 408.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.32	70.62	52.97	3.04
1.0	11.40	19.18	15.29	3.55
2.0	4.55	6.01	5.28	4.03
4.0	2.33	2.69	2.51	3.50
8.0	1.09	1.15	1.12	3.10
16.0	.59	.57	.58	2.86
32.0	.33	.34	.33	2.53
64.0	.13	.14	.13	2.70
128.0	.02	.02	.02	3.49

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

62.73 4.10 52.97 15.29 5.282 2.512 1.1209 .5795 .3320 .1333 .0226

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, B4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSB.37

STEP: .10 IN. AT 835.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.29	69.81	51.55	3.06
1.0	11.36	19.98	15.67	3.52
2.0	4.71	6.21	5.46	3.97
4.0	2.48	2.74	2.61	3.42
8.0	1.32	1.36	1.34	2.79
16.0	.80	.78	.79	2.31
32.0	.43	.40	.42	2.11
64.0	.14	.13	.13	2.70
128.0	.02	.02	.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 76.91

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.17

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

4 76.91 4.14 51.55 15.67 5.460 2.609 1.3436 .7921 .4152 .1330 .0201

 IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, C1
 1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE OSC.37
 RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

STEP: .09 IN. AT 964.5 FT.

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.29	61.94	47.61	3.11
1.0	11.36	17.53	14.45	3.61
2.0	4.60	5.57	5.09	4.10
4.0	2.35	2.44	2.40	3.59
8.0	1.10	1.13	1.12	3.10
16.0	.52	.56	.54	2.97
32.0	.32	.33	.33	2.56
64.0	.16	.17	.16	2.37
128.0	.04	.04	.04	2.98

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.08

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.62

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.80

58.08 3.80 47.61 14.45 5.085 2.397 1.1186 .5417 .3254 .1633 .0362

 IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, C2
 1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSC.37
 RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

STEP: .15 IN. AT 108.5 FT.

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.19	72.98	53.08	3.04
1.0	11.38	20.15	15.76	3.51
2.0	4.71	6.59	5.65	3.90
4.0	2.48	2.80	2.64	3.39
8.0	1.18	1.15	1.16	3.04
16.0	.55	.52	.53	2.99
32.0	.36	.34	.35	2.43
64.0	.16	.15	.15	2.47
128.0	.03	.03	.03	3.11

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.50

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

4 62.72 3.86 53.08 15.76 5.650 2.636 1.1637 .5325 .3508 .1534 .0324

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, C3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSC.37

STEP: .12 IN. AT 997.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.40	71.21	51.31	3.06
1.0	12.07	19.33	15.70	3.52
2.0	5.54	6.70	6.12	3.74
4.0	2.93	3.28	3.10	3.03
8.0	1.19	1.37	1.28	2.87
16.0	.51	.51	.51	3.07
32.0	.25	.26	.26	2.96
64.0	.11	.11	.11	2.94
128.0	.02	.02	.02	3.45

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.99

71.44 3.99 51.31 15.70 6.122 3.103 1.2791 .5083 .2580 .1137 .0235

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, OUTSIDE LANE, BOTH PATHS, C4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSC.37

STEP: .13 IN. AT 163.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.35	71.59	51.97	3.05
1.0	11.85	19.11	15.48	3.53
2.0	5.24	6.23	5.73	3.87
4.0	2.63	2.58	2.60	3.42
8.0	1.08	1.04	1.06	3.19
16.0	.49	.46	.48	3.17
32.0	.29	.28	.28	2.80
64.0	.13	.13	.13	2.76
128.0	.02	.02	.02	3.45

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 58.80

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.60

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

4 58.80 4.06 51.97 15.48 5.732 2.605 1.0592 .4754 .2841 .1282 .0235

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,D1

1525 FT. SECTION BEGINS 340 FT. FROM MARK 0 IN FILE OSD.37

STEP: .52 IN. AT 141.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	110.45	123.99	117.22	2.34
1.0	29.67	32.49	31.08	2.55
2.0	9.58	8.78	9.18	2.80
4.0	3.33	2.90	3.12	3.02
8.0	1.32	1.15	1.24	2.93
16.0	.66	.58	.62	2.74
32.0	.30	.30	.30	2.71
64.0	.10	.09	.10	3.18
128.0	.02	.02	.02	3.48

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 78.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.14

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.98

78.24 3.98 117.22 31.08 9.180 3.119 1.2363 .6221 .2989 .0952 .0229

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL SOUTHBOUND,OUTSIDE,BOTH PATHS,D2

1525 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSD.37

STEP: .88 IN. AT 1098.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	117.38	117.88	117.63	2.34
1.0	38.48	36.28	37.38	2.23
2.0	10.83	10.49	10.66	2.43
4.0	3.36	3.16	3.26	2.91
8.0	1.31	1.22	1.27	2.89
16.0	.78	.68	.73	2.46
32.0	.42	.37	.39	2.21
64.0	.12	.11	.12	2.90
128.0	.03	.03	.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 87.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.94

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.84

2 87.45 3.84 117.63 37.38 10.657 3.261 1.2673 .7297 .3937 .1168 .0279

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, A1

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONA.37

STEP: 2.20 IN. AT 774.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	182.12	214.71	198.41	1.68
1.0	53.09	60.93	57.01	1.47
2.0	13.92	15.73	14.83	1.62
4.0	4.02	4.30	4.16	2.33
8.0	1.40	1.41	1.40	2.71
16.0	.66	.55	.60	2.79
32.0	.32	.24	.28	2.83
64.0	.10	.09	.09	3.18
128.0	.02	.02	.02	3.70

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 99.61

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

99.61 3.93 198.41 57.01 14.826 4.159 1.4045 .6027 .2793 .0950 .0175

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, A2

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONA.37

STEP: 1.17 IN. AT 151.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	138.37	126.22	132.30	2.20
1.0	46.37	38.21	42.29	2.01
2.0	12.59	10.47	11.53	2.23
4.0	3.56	3.00	3.28	2.90
8.0	1.22	1.00	1.11	3.11
16.0	.60	.50	.55	2.94
32.0	.27	.24	.26	2.96
64.0	.10	.09	.09	3.21
128.0	.02	.02	.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 77.54

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.16

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.02

5 77.54 4.02 132.30 42.29 11.530 3.276 1.1092 .5499 .2576 .0926 .0197

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, A3

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONA.37

STEP: .25 IN. AT 925.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	93.65	103.48	98.56	2.53
1.0	26.11	27.72	26.92	2.78
2.0	7.39	8.09	7.74	3.21
4.0	2.65	2.88	2.77	3.29
8.0	1.15	1.10	1.13	3.09
16.0	.72	.60	.66	2.63
32.0	.43	.36	.39	2.23
64.0	.18	.16	.17	2.29
128.0	.03	.03	.03	3.24

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 72.95

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

72.95 3.90 98.56 26.92 7.740 2.767 1.1259 .6625 .3912 .1708 .0288

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE BOTH PATHS, A4

1056 FT. SECTION BEGINS 60 FT. FROM MARK 0 IN FILE ONA.37

STEP: .21 IN. AT 156.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.51	62.73	48.62	3.10
1.0	13.47	17.39	15.43	3.54
2.0	5.29	5.56	5.43	3.98
4.0	2.63	2.46	2.54	3.47
8.0	1.12	1.04	1.08	3.16
16.0	.44	.39	.41	3.37
32.0	.23	.22	.23	3.17
64.0	.09	.09	.09	3.27
128.0	.02	.02	.02	3.47

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.98

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.72

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

5 53.98 4.08 48.62 15.43 5.428 2.544 1.0797 .4139 .2261 .0887 .0231

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE BOTH PATHS, A5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE DNA.37

STEP: .09 IN. AT 43.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.93	65.80	47.36	3.11
1.0	9.23	17.65	13.44	3.68
2.0	3.84	5.48	4.66	4.26
4.0	1.89	2.31	2.10	3.85
8.0	.88	.98	.93	3.39
16.0	.27	.28	.28	3.84
32.0	.13	.12	.13	3.90
64.0	.07	.06	.07	3.60
128.0	.02	.02	.02	3.60

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.18

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

36.56 4.23 47.36 13.44 4.659 2.100 .9290 .2761 .1254 .0655 .0197

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONB.37

STEP: .09 IN. AT 73.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.16	68.76	50.46	3.07
1.0	10.86	18.78	14.82	3.58
2.0	4.37	5.99	5.18	4.07
4.0	2.17	2.58	2.37	3.62
8.0	1.04	1.18	1.11	3.11
16.0	.45	.47	.46	3.22
32.0	.26	.26	.26	2.95
64.0	.12	.11	.12	2.92
128.0	.02	.02	.02	3.60

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 52.75

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.75

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

5 52.75 4.18 50.46 14.82 5.181 2.371 1.1126 .4578 .2588 .1150 .0199

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONB.37

STEP: .13 IN. AT 548.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.63	74.16	53.40	3.04
1.0	10.96	19.47	15.21	3.55
2.0	4.63	5.97	5.30	4.03
4.0	2.64	2.75	2.69	3.35
8.0	1.43	1.46	1.44	2.66
16.0	.87	.87	.87	2.13
32.0	.52	.52	.52	1.68
64.0	.22	.21	.21	1.90
128.0	.04	.04	.04	2.77

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 83.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.03

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.62

83.45 3.62 53.40 15.21 5.303 2.694 1.4449 .8746 .5231 .2141 .0424

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONB.37

STEP: .10 IN. AT 234.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.37	67.66	49.52	3.08
1.0	10.02	17.81	13.92	3.65
2.0	3.91	5.51	4.71	4.24
4.0	1.94	2.23	2.08	3.87
8.0	1.06	1.10	1.08	3.16
16.0	.61	.61	.61	2.77
32.0	.34	.35	.34	2.46
64.0	.10	.09	.10	3.16
128.0	.03	.02	.03	3.38

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.69

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.10

5 55.29 4.10 49.52 13.92 4.708 2.085 1.0804 .6110 .3446 .0965 .0254

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, B4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONB.37

STEP: .11 IN. AT 974.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.89	68.11	50.00	3.08
1.0	10.50	18.55	14.53	3.60
2.0	4.49	6.09	5.29	4.03
4.0	2.26	2.59	2.43	3.57
8.0	1.02	1.12	1.07	3.18
16.0	.51	.50	.50	3.08
32.0	.26	.24	.25	3.00
64.0	.08	.07	.07	3.46
128.0	.02	.02	.02	3.71

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

56.56 4.24 50.00 14.53 5.286 2.425 1.0662 .5042 .2512 .0749 .0172

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, B5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONB.37

STEP: .10 IN. AT 566.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.38	65.35	48.37	3.10
1.0	10.40	17.84	14.12	3.63
2.0	4.79	5.87	5.33	4.01
4.0	2.65	2.43	2.54	3.47
8.0	1.03	.93	.98	3.30
16.0	.45	.44	.44	3.27
32.0	.31	.29	.30	2.70
64.0	.14	.14	.14	2.62
128.0	.03	.03	.03	3.33

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.56

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.68

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.00

5 55.56 4.00 48.37 14.12 5.334 2.540 .9827 .4429 .3017 .1396 .0266

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONC.37

STEP: .15 IN. AT 584.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.31	74.97	55.64	3.01
1.0	13.49	21.77	17.63	3.38
2.0	5.75	7.25	6.50	3.61
4.0	2.83	2.91	2.87	3.21
8.0	1.49	1.44	1.46	2.63
16.0	.90	.89	.90	2.08
32.0	.49	.51	.50	1.76
64.0	.17	.17	.17	2.33
128.0	.03	.03	.03	3.07

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 88.43

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.92

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.79

88.43 3.79 55.64 17.63 6.502 2.868 1.4645 .8964 .5002 .1672 .0337

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONC.37

STEP: .11 IN. AT 222.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.54	69.12	51.33	3.06
1.0	12.59	19.68	16.14	3.48
2.0	5.74	7.47	6.60	3.58
4.0	3.15	3.17	3.16	2.98
8.0	1.69	1.59	1.64	2.42
16.0	1.03	1.01	1.02	1.84
32.0	.49	.49	.49	1.80
64.0	.21	.21	.21	1.92
128.0	.04	.04	.04	2.74

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 101.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.53

4 101.68 3.53 51.33 16.14 6.604 3.162 1.6391 1.0177 .4898 .2118 .0433

 IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, C3
 1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONC.37
 RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

STEP: .11 IN. AT 200.5 FT.

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.80	66.54	48.67	3.10
1.0	10.84	18.52	14.68	3.59
2.0	4.69	6.70	5.69	3.89
4.0	2.58	3.20	2.89	3.19
8.0	1.36	1.38	1.37	2.75
16.0	.74	.72	.73	2.46
32.0	.40	.40	.40	2.18
64.0	.15	.15	.15	2.47
128.0	.02	.02	.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 79.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.12

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.02

79.40 4.02 48.67 14.68 5.691 2.890 1.3692 .7291 .4006 .1533 .0239

 IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, C4
 1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONC.37
 RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

STEP: .16 IN. AT 987.5 FT.

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.46	66.93	51.19	3.06
1.0	13.26	19.46	16.36	3.47
2.0	6.05	6.85	6.45	3.63
4.0	3.13	3.04	3.08	3.04
8.0	1.34	1.07	1.21	2.98
16.0	.58	.55	.57	2.90
32.0	.36	.35	.35	2.41
64.0	.17	.16	.16	2.37
128.0	.03	.03	.03	3.14

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.25

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.81

4 74.25 3.81 51.19 16.36 6.446 3.081 1.2054 .5662 .3548 .1633 .0316

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, OUTSIDE LANE, BOTH PATHS, C5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ONC.37

STEP: .15 IN. AT 584.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.31	74.97	55.64	3.01
1.0	13.49	21.77	17.63	3.38
2.0	5.75	7.25	6.50	3.61
4.0	2.83	2.91	2.87	3.21
8.0	1.49	1.44	1.46	2.63
16.0	.90	.89	.90	2.08
32.0	.49	.51	.50	1.76
64.0	.17	.17	.17	2.33
128.0	.03	.03	.03	3.07

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 88.43

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.92

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.79

88.43 3.79 55.64 17.63 6.502 2.868 1.4645 .8964 .5002 .1672 .0337

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, D1

1056 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE OND.37

STEP: .20 IN. AT 1.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	42.68	86.19	64.44	2.90
1.0	14.60	25.38	19.99	3.22
2.0	4.68	6.79	5.73	3.87
4.0	1.40	2.01	1.71	4.21
8.0	.65	.83	.74	3.69
16.0	.32	.35	.34	3.63
32.0	.20	.18	.19	3.42
64.0	.09	.08	.09	3.30
128.0	.02	.02	.02	3.58

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 31.51

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.32

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

2 31.51 4.26 64.44 19.99 5.731 1.709 .7431 .3359 .1888 .0861 .0202

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL NORTHBOUND, OUTSIDE, BOTH PATHS, D2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OND.37

STEP: 1.60 IN. AT 903.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	122.71	114.74	118.73	2.33
1.0	48.86	42.18	45.52	1.88
2.0	13.24	12.07	12.65	2.00
4.0	3.53	3.37	3.45	2.78
8.0	1.06	.96	1.01	3.26
16.0	.45	.38	.42	3.36
32.0	.24	.20	.22	3.23
64.0	.08	.07	.08	3.43
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.71

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.02

73.71 4.02 118.73 45.52 12.651 3.450 1.0083 .4166 .2170 .0773 .0183

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND, OUTSIDE, RIGHT PATH, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE OSA.37

STEP: .23 IN. AT 920.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	41.96	83.67	41.96	3.18
1.0	15.36	22.30	15.36	3.54
2.0	5.21	6.34	5.21	4.06
4.0	2.07	2.03	2.07	3.88
8.0	.88	.84	.88	3.46
16.0	.52	.48	.52	3.03
32.0	.32	.30	.32	2.60
64.0	.12	.11	.12	2.81
128.0	.03	.03	.03	3.03

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.90

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.83

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.88

4 49.90 3.88 41.96 15.36 5.214 2.072 .8802 .5212 .3194 .1236 .0346

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSA.37

STEP: .43 IN. AT 941.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	53.61	86.11	69.86	2.84
1.0	20.00	24.04	22.02	3.08
2.0	6.13	7.64	6.89	3.48
4.0	2.18	2.42	2.30	3.67
8.0	1.00	.96	.98	3.31
16.0	.49	.49	.49	3.11
32.0	.27	.26	.26	2.92
64.0	.10	.09	.09	3.18
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.32

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.74

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

53.32 4.21 69.86 22.02 6.888 2.304 .9786 .4932 .2649 .0949 .0185

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,A2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSA.37

STEP: .46 IN. AT 85.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	51.72	70.01	60.86	2.95
1.0	18.33	20.41	19.37	3.26
2.0	5.93	6.13	6.03	3.77
4.0	1.86	1.86	1.86	4.07
8.0	.74	.74	.74	3.70
16.0	.37	.35	.36	3.54
32.0	.18	.18	.18	3.47
64.0	.05	.05	.05	3.79
128.0	.01	.01	.01	3.98

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.29

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.46

4 36.29 4.46 60.86 19.37 6.025 1.861 .7360 .3623 .1817 .0531 .0108

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,A3

1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE CSA.37

STEP: 1.18 IN. AT 38.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	40.51	106.28	73.39	2.80
1.0	17.45	37.04	27.24	2.76
2.0	5.97	10.67	8.32	3.04
4.0	2.44	3.29	2.87	3.21
8.0	1.02	1.08	1.05	3.20
16.0	.47	.44	.46	3.23
32.0	.23	.22	.22	3.19
64.0	.09	.09	.09	3.23
128.0	.02	.02	.02	3.67

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 63.41

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

63.41 4.13 73.39 27.24 8.319 2.869 1.0496 .4564 .2229 .0918 .0182

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,A4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSA.37

STEP: 1.62 IN. AT 712.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	122.01	79.04	100.52	2.51
1.0	52.71	28.14	40.43	2.09
2.0	15.04	9.07	12.06	2.12
4.0	4.92	3.49	4.21	2.30
8.0	1.51	1.20	1.35	2.77
16.0	.52	.50	.51	3.05
32.0	.28	.31	.30	2.73
64.0	.14	.15	.14	2.59
128.0	.03	.03	.03	3.33

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 95.65

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.77

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.73

4 95.65 3.73 100.52 40.43 12.056 4.208 1.3532 .5146 .2954 .1431 .0265

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, CENTER LANE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE CSB.37

STEP: .12 IN. AT 6.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	32.41	62.65	47.53	3.11
1.0	12.97	18.11	15.54	3.53
2.0	5.56	6.43	6.00	3.78
4.0	2.84	2.95	2.90	3.18
8.0	1.46	1.37	1.41	2.70
16.0	.81	.74	.77	2.35
32.0	.40	.36	.38	2.27
64.0	.13	.13	.13	2.75
128.0	.02	.02	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 82.09

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.06

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.07

82.09 4.07 47.53 15.54 5.996 2.898 1.4125 .7733 .3815 .1291 .0214

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, CENTER LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSB.37

STEP: .11 IN. AT 374.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.16	62.60	46.38	3.12
1.0	10.32	18.01	14.17	3.63
2.0	4.70	6.27	5.48	3.96
4.0	2.78	2.95	2.86	3.21
8.0	1.47	1.41	1.44	2.67
16.0	.83	.78	.80	2.28
32.0	.41	.38	.40	2.21
64.0	.10	.10	.10	3.05
128.0	.03	.03	.03	3.34

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 83.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.03

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.96

4 83.14 3.96 46.38 14.17 5.485 2.865 1.4368 .8046 .3952 .1047 .0264

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, CENTER LANE, BOTH PATHS, B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSB.37

STEP: .16 IN. AT 201.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.55	69.01	49.78	3.08
1.0	10.37	19.22	14.79	3.58
2.0	4.76	6.35	5.55	3.94
4.0	2.65	2.91	2.78	3.28
8.0	1.34	1.36	1.35	2.78
16.0	.71	.69	.70	2.53
32.0	.38	.38	.38	2.27
64.0	.12	.12	.12	2.84
128.0	.02	.02	.02	3.51

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 75.34

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.08

75.34 4.08 49.78 14.79 5.552 2.777 1.3512 .7005 .3825 .1216 .0219

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, CENTER LANE, BOTH PATHS, B4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSB.37

STEP: .09 IN. AT 276.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.72	62.78	45.75	3.13
1.0	9.76	17.30	13.53	3.67
2.0	4.64	5.99	5.31	4.02
4.0	2.72	2.75	2.74	3.31
8.0	1.35	1.21	1.28	2.87
16.0	.71	.65	.68	2.59
32.0	.37	.36	.37	2.35
64.0	.12	.11	.11	2.95
128.0	.01	.01	.01	3.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

4 73.23 4.26 45.75 13.53 5.314 2.739 1.2796 .6781 .3669 .1126 .0144

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,C1

1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE CSC.37

STEP: .10 IN. AT 301.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.51	63.22	45.86	3.13
1.0	10.95	16.73	13.84	3.65
2.0	5.12	5.99	5.55	3.94
4.0	2.65	2.74	2.70	3.34
8.0	1.26	1.28	1.27	2.88
16.0	.71	.72	.72	2.49
32.0	.40	.40	.40	2.19
64.0	.20	.18	.19	2.11
128.0	.04	.04	.04	2.81

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.60

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.22

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.64

74.60 3.64 45.86 13.84 5.553 2.696 1.2725 .7186 .3992 .1898 .0412

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,C2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSC.37

STEP: .13 IN. AT 124.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.55	67.91	49.73	3.08
1.0	10.56	18.40	14.48	3.60
2.0	4.82	6.06	5.44	3.98
4.0	2.66	2.72	2.69	3.35
8.0	1.15	1.15	1.15	3.06
16.0	.53	.52	.52	3.02
32.0	.31	.30	.31	2.67
64.0	.14	.13	.14	2.67
128.0	.03	.03	.03	3.13

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.34

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

4 63.34 3.86 49.73 14.48 5.437 2.691 1.1484 .5225 .3067 .1357 .0318

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,C3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSC.37

STEP: .12 IN. AT 712.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.44	74.05	51.74	3.06
1.0	10.01	19.81	14.91	3.57
2.0	5.08	6.58	5.83	3.84
4.0	3.18	3.17	3.17	2.98
8.0	1.50	1.49	1.49	2.59
16.0	.50	.47	.49	3.13
32.0	.28	.27	.28	2.85
64.0	.13	.12	.12	2.83
128.0	.03	.02	.02	3.43

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 71.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.29

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.98

71.73 3.98 51.74 14.91 5.829 3.171 1.4950 .4878 .2752 .1224 .0240

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND,CENTER LANE,BOTH PATHS,C4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSC.37

STEP: .11 IN. AT 727.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.69	72.91	51.30	3.06
1.0	11.03	19.31	15.17	3.55
2.0	5.24	6.52	5.88	3.82
4.0	2.84	2.88	2.86	3.21
8.0	1.30	1.27	1.29	2.86
16.0	.49	.43	.46	3.22
32.0	.23	.22	.23	3.17
64.0	.11	.10	.11	3.04
128.0	.02	.01	.01	3.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 63.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.49

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

4 63.40 4.23 51.30 15.17 5.878 2.862 1.2874 .4586 .2252 .1055 .0149

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,D1

1525 FT. SECTION BEGINS 340 FT. FROM MARK 0 IN FILE CSD.37

STEP: .92 IN. AT 1236.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	112.08	144.35	128.21	2.24
1.0	32.69	38.86	35.78	2.31
2.0	9.66	11.50	10.58	2.45
4.0	3.48	3.64	3.56	2.70
8.0	1.29	1.26	1.28	2.88
16.0	.61	.56	.59	2.84
32.0	.34	.31	.32	2.57
64.0	.13	.12	.13	2.78
128.0	.03	.02	.02	3.45

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 85.81

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.98

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.90

85.81 3.90 128.21 35.78 10.579 3.563 1.2774 .5864 .3238 .1266 .0236

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL SOUTHBOUND,CENTER,BOTH PATHS,D2

1525 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSD.37

STEP: 1.20 IN. AT 671.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	111.75	132.62	122.19	2.29
1.0	36.34	43.22	39.78	2.12
2.0	10.42	12.32	11.37	2.27
4.0	3.39	4.02	3.71	2.61
8.0	1.28	1.30	1.29	2.86
16.0	.70	.61	.66	2.64
32.0	.38	.34	.36	2.37
64.0	.12	.12	.12	2.86
128.0	.03	.02	.02	3.46

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 92.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.83

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.88

2 92.99 3.88 122.19 39.78 11.367 3.707 1.2929 .6581 .3626 .1196 .0233

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,A1

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNA.37

STEP: 1.50 IN. AT 756.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	94.73	151.56	123.15	2.28
1.0	30.78	46.81	38.80	2.16
2.0	9.31	12.45	10.88	2.38
4.0	2.96	3.56	3.26	2.91
8.0	1.13	1.25	1.19	3.00
16.0	.60	.55	.58	2.87
32.0	.30	.27	.28	2.80
64.0	.10	.09	.10	3.16
128.0	.02	.02	.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 78.69

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.13

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.99

78.69 3.99 123.15 38.80 10.879 3.262 1.1900 .5753 .2836 .0968 .0211

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,A2

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNA.37

STEP: 1.58 IN. AT 133.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	150.60	130.41	140.50	2.13
1.0	54.48	43.59	49.03	1.74
2.0	14.58	11.95	13.26	1.89
4.0	4.13	3.53	3.83	2.53
8.0	1.29	1.12	1.21	2.98
16.0	.57	.51	.54	2.97
32.0	.29	.24	.26	2.93
64.0	.09	.08	.09	3.27
128.0	.02	.02	.02	3.70

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 89.09

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.91

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.99

5 89.09 3.99 140.50 49.03 13.263 3.832 1.2055 .5422 .2625 .0885 .0173

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,A3

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNA.37

STEP: .23 IN. AT 919.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	95.39	111.47	103.43	2.48
1.0	26.86	32.64	29.75	2.62
2.0	8.42	11.18	9.80	2.64
4.0	3.09	3.59	3.34	2.86
8.0	1.20	1.40	1.30	2.85
16.0	.58	.60	.59	2.83
32.0	.31	.27	.29	2.76
64.0	.12	.10	.11	2.96
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 81.16

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.08

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.05

81.16 4.05 103.43 29.75 9.801 3.340 1.2974 .5894 .2916 .1119 .0186

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND,CENTER LANE BOTH PATHS,A4

1056 FT. SECTION BEGINS 60 FT. FROM MARK 0 IN FILE CNA.37

STEP: .52 IN. AT 160.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	48.07	69.65	58.86	2.97
1.0	18.02	21.80	19.91	3.22
2.0	5.84	7.30	6.57	3.59
4.0	2.43	2.88	2.65	3.38
8.0	1.00	1.13	1.07	3.18
16.0	.36	.37	.36	3.54
32.0	.19	.20	.20	3.38
64.0	.10	.09	.10	3.16
128.0	.02	.02	.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 53.39

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.74

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.13

5 53.39 4.13 58.86 19.91 6.572 2.654 1.0670 .3618 .1953 .0968 .0202

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE BOTH PATHS, A5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNA.37

STEP: .08 IN. AT 676.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.36	62.94	46.15	3.13
1.0	9.48	16.87	13.17	3.70
2.0	4.08	5.47	4.77	4.22
4.0	2.02	2.24	2.13	3.83
8.0	.80	.78	.79	3.61
16.0	.27	.23	.25	3.95
32.0	.12	.10	.11	4.02
64.0	.06	.06	.06	3.72
128.0	.02	.02	.02	3.64

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 35.57

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

35.57 4.24 46.15 13.17 4.772 2.129 .7914 .2477 .1093 .0576 .0188

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNB.37

STEP: .10 IN. AT 825.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.82	69.29	49.56	3.08
1.0	10.48	18.50	14.49	3.60
2.0	4.50	6.03	5.26	4.04
4.0	2.45	2.68	2.56	3.45
8.0	1.15	1.18	1.17	3.03
16.0	.52	.53	.53	3.01
32.0	.26	.26	.26	2.95
64.0	.11	.11	.11	2.99
128.0	.02	.02	.02	3.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.84

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.55

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.05

5 60.84 4.05 49.56 14.49 5.262 2.562 1.1651 .5274 .2598 .1091 .0244

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNB.37

STEP: .11 IN. AT 470.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.34	72.31	51.82	3.06
1.0	10.93	19.03	14.98	3.57
2.0	4.84	6.42	5.63	3.91
4.0	2.76	2.98	2.87	3.21
8.0	1.49	1.53	1.51	2.57
16.0	.92	.92	.92	2.03
32.0	.55	.54	.54	1.60
64.0	.22	.21	.22	1.89
128.0	.04	.04	.04	2.83

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 89.73

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.89

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.64

89.73 3.64 51.82 14.98 5.630 2.869 1.5125 .9187 .5447 .2151 .0404

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE, BOTH PATHS, B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNB.37

STEP: .08 IN. AT 762.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.07	61.90	45.49	3.14
1.0	10.02	17.16	13.59	3.67
2.0	4.42	5.87	5.14	4.08
4.0	2.25	2.54	2.40	3.59
8.0	.98	1.02	1.00	3.27
16.0	.52	.51	.52	3.04
32.0	.30	.29	.30	2.73
64.0	.09	.09	.09	3.26
128.0	.02	.02	.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 56.72

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.65

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.09

5 56.72 4.09 45.49 13.59 5.144 2.397 1.0024 .5178 .2960 .0894 .0237

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE, BOTH PATHS, B4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNB.37

STEP: .10 IN. AT 142.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.57	63.60	46.59	3.12
1.0	11.86	18.10	14.98	3.57
2.0	5.47	6.27	5.87	3.83
4.0	2.58	2.84	2.71	3.33
8.0	1.03	1.07	1.05	3.20
16.0	.53	.51	.52	3.03
32.0	.30	.29	.29	2.74
64.0	.11	.12	.11	2.94
128.0	.02	.02	.02	3.46

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 63.64

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.48

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.06

63.64 4.06 46.59 14.98 5.871 2.709 1.0496 .5210 .2940 .1137 .0232

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE, BOTH PATHS, B5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNB.37

STEP: .10 IN. AT 793.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	31.31	71.43	51.37	3.06
1.0	10.98	18.97	14.98	3.57
2.0	5.39	6.21	5.80	3.85
4.0	2.66	2.73	2.70	3.34
8.0	1.05	1.10	1.08	3.16
16.0	.50	.47	.49	3.14
32.0	.30	.29	.30	2.72
64.0	.14	.13	.13	2.68
128.0	.03	.03	.03	3.14

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 61.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.54

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.86

5 61.44 3.86 51.37 14.98 5.797 2.699 1.0760 .4860 .2983 .1348 .0317

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNC.37

STEP: .13 IN. AT 382.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.66	70.71	50.19	3.08
1.0	11.06	19.03	15.05	3.56
2.0	5.20	6.35	5.77	3.86
4.0	2.78	2.91	2.85	3.22
8.0	1.41	1.48	1.45	2.65
16.0	.93	.94	.93	2.01
32.0	.52	.52	.52	1.68
64.0	.17	.16	.17	2.35
128.0	.03	.03	.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 90.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.89

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

90.04 3.93 50.19 15.05 5.772 2.848 1.4473 .9321 .5226 .1655 .0279

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNC.37

STEP: .10 IN. AT 338.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.68	68.40	49.04	3.09
1.0	10.80	18.76	14.78	3.58
2.0	5.08	6.09	5.58	3.93
4.0	2.79	2.86	2.82	3.24
8.0	1.50	1.45	1.48	2.62
16.0	.97	.90	.94	2.00
32.0	.49	.47	.48	1.83
64.0	.21	.20	.21	1.95
128.0	.04	.04	.04	2.90

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 89.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.89

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.69

4 89.77 3.69 49.04 14.78 5.583 2.824 1.4760 .9367 .4828 .2084 .0383

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,C3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNC.37

STEP: .10 IN. AT 270.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	30.00	67.12	48.56	3.10
1.0	11.41	18.08	14.74	3.59
2.0	5.42	6.07	5.75	3.87
4.0	2.94	2.79	2.86	3.21
8.0	1.27	1.26	1.27	2.89
16.0	.76	.71	.74	2.44
32.0	.41	.39	.40	2.19
64.0	.16	.16	.16	2.40
128.0	.03	.03	.03	3.15

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 79.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.12

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.85

79.23 3.85 48.56 14.74 5.747 2.862 1.2658 .7368 .3993 .1605 .0313

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND,CENTER LANE,BOTH PATHS,C4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNC.37

STEP: .12 IN. AT 1045.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.53	66.64	48.08	3.10
1.0	10.53	18.53	14.53	3.60
2.0	4.74	6.17	5.46	3.97
4.0	2.46	2.72	2.59	3.43
8.0	1.01	1.14	1.07	3.17
16.0	.57	.58	.58	2.86
32.0	.41	.41	.41	2.14
64.0	.18	.18	.18	2.23
128.0	.04	.03	.03	3.06

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 64.30

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.47

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.83

4 64.30 3.83 48.08 14.53 5.456 2.592 1.0740 .5772 .4101 .1773 .0338

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, CENTER LANE, BOTH PATHS, C5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CNC.37

STEP: .13 IN. AT 382.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.66	70.71	50.19	3.08
1.0	11.06	19.03	15.05	3.56
2.0	5.20	6.35	5.77	3.86
4.0	2.78	2.91	2.85	3.22
8.0	1.41	1.48	1.45	2.65
16.0	.93	.94	.93	2.01
32.0	.52	.52	.52	1.68
64.0	.17	.16	.17	2.35
128.0	.03	.03	.03	3.28

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 90.04

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.89

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.93

90.04 3.93 50.19 15.05 5.772 2.848 1.4473 .9321 .5226 .1655 .0279

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL NORTHBOUND, CENTER, BOTH PATHS, D1

1056 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE CND.37

STEP: .34 IN. AT 5.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	36.98	72.49	54.74	3.02
1.0	14.23	20.09	17.16	3.41
2.0	5.56	6.35	5.95	3.80
4.0	1.80	2.12	1.96	3.98
8.0	.68	.69	.68	3.79
16.0	.27	.25	.26	3.92
32.0	.18	.13	.15	3.67
64.0	.09	.07	.08	3.39
128.0	.02	.02	.02	3.57

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 32.41

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.30

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.22

2 32.41 4.22 54.74 17.16 5.953 1.961 .6835 .2559 .1549 .0800 .0206

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL NORTHBOUND,CENTER,BOTH PATHS,D2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CND.37

STEP: 1.52 IN. AT 887.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.90	127.80	81.35	2.71
1.0	13.40	54.36	33.88	2.40
2.0	4.83	14.77	9.80	2.64
4.0	2.10	4.29	3.20	2.96
8.0	.87	1.31	1.09	3.15
16.0	.33	.40	.36	3.54
32.0	.16	.16	.16	3.65
64.0	.06	.06	.06	3.70
128.0	.01	.01	.01	3.94

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 65.22

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.44

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

65.22 4.23 81.35 33.88 9.799 3.197 1.0877 .3636 .1577 .0594 .0118

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND,CENTER,RIGHT PATH,A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE CSA.37

STEP: .43 IN. AT 941.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	53.61	86.11	53.61	3.03
1.0	20.00	24.04	20.00	3.22
2.0	6.13	7.64	6.13	3.74
4.0	2.18	2.42	2.18	3.78
8.0	1.00	.96	1.00	3.28
16.0	.49	.49	.49	3.12
32.0	.27	.26	.27	2.88
64.0	.10	.09	.10	3.15
128.0	.02	.02	.02	3.65

M0 (MRM SIMSTAT) (COUNTS/.2 MILE): 50.68

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.81

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.23

4 50.68 4.23 53.61 20.00 6.131 2.184 1.0004 .4922 .2704 .0974 .0185

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISA.37

STEP: .35 IN. AT 930.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	43.94	70.94	57.44	2.99
1.0	13.42	21.22	17.32	3.40
2.0	4.65	5.77	5.21	4.06
4.0	1.57	1.80	1.68	4.24
8.0	.65	.69	.67	3.81
16.0	.38	.38	.38	3.48
32.0	.26	.25	.25	2.99
64.0	.09	.09	.09	3.22
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.44

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

33.44 4.30 57.44 17.32 5.209 1.681 .6735 .3804 .2523 .0918 .0187

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, A2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISA.37

STEP: .14 IN. AT 77.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.25	64.03	49.64	3.08
1.0	13.00	19.52	16.26	3.48
2.0	5.17	6.53	5.85	3.83
4.0	2.34	2.81	2.58	3.44
8.0	1.31	1.34	1.33	2.81
16.0	.51	.52	.52	3.05
32.0	.19	.20	.20	3.38
64.0	.07	.06	.06	3.65
128.0	.02	.02	.02	3.65

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 60.45

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.56

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.18

4 60.45 4.18 49.64 16.26 5.852 2.576 1.3268 .5153 .1952 .0623 .0185

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, A3

1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE ISA.37

STEP: .29 IN. AT 9.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	35.90	61.94	48.92	3.09
1.0	14.70	17.58	16.14	3.48
2.0	5.65	5.10	5.38	4.00
4.0	2.75	2.22	2.49	3.52
8.0	1.15	1.00	1.07	3.17
16.0	.45	.45	.45	3.25
32.0	.24	.27	.25	2.98
64.0	.10	.11	.10	3.06
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 54.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.70

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.20

54.77 4.20 48.92 16.14 5.378 2.485 1.0705 .4499 .2542 .1042 .0183

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, A4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISA.37

STEP: .30 IN. AT 702.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	41.56	67.70	54.63	3.02
1.0	16.99	21.03	19.01	3.28
2.0	6.42	6.81	6.62	3.57
4.0	2.99	2.86	2.92	3.16
8.0	1.30	1.39	1.35	2.78
16.0	.58	.66	.62	2.74
32.0	.35	.37	.36	2.40
64.0	.18	.18	.18	2.22
128.0	.03	.03	.03	3.11

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.92

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.81

4 73.92 3.81 54.63 19.01 6.615 2.924 1.3458 .6202 .3563 .1783 .0326

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B1

1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE ISB.37

STEP: .12 IN. AT 5.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	34.63	60.33	47.48	3.11
1.0	12.90	18.51	15.71	3.52
2.0	5.48	7.07	6.27	3.69
4.0	2.64	2.93	2.78	3.27
8.0	1.23	1.36	1.30	2.85
16.0	.66	.70	.68	2.59
32.0	.33	.33	.33	2.54
64.0	.12	.12	.12	2.84
128.0	.02	.02	.02	3.63

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.31

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

74.31 4.14 47.48 15.71 6.273 2.785 1.2962 .6797 .3297 .1211 .0190

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISB.37

STEP: .11 IN. AT 387.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.45	56.46	42.46	3.17
1.0	10.64	15.61	13.13	3.70
2.0	5.00	4.97	4.99	4.14
4.0	2.69	2.33	2.51	3.50
8.0	1.28	1.25	1.27	2.89
16.0	.68	.69	.68	2.57
32.0	.33	.31	.32	2.60
64.0	.10	.09	.10	3.15
128.0	.02	.02	.02	3.56

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.62

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.36

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.15

4 68.62 4.15 42.46 13.13 4.989 2.510 1.2665 .6840 .3188 .0974 .0207

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISB.37

STEP: .09 IN. AT 856.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.51	59.97	44.74	3.14
1.0	10.02	16.85	13.43	3.68
2.0	4.70	5.17	4.94	4.16
4.0	2.76	2.46	2.61	3.41
8.0	1.30	1.30	1.30	2.84
16.0	.72	.77	.74	2.42
32.0	.36	.38	.37	2.31
64.0	.12	.13	.12	2.83
128.0	.02	.02	.02	3.55

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 74.23

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.23

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.12

74.23 4.12 44.74 13.43 4.936 2.613 1.3020 .7437 .3730 .1222 .0211

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, B4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISB.37

STEP: .07 IN. AT 332.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.90	57.57	42.74	3.17
1.0	9.30	15.47	12.39	3.76
2.0	4.13	4.92	4.52	4.31
4.0	2.29	2.03	2.16	3.80
8.0	1.04	.97	1.01	3.27
16.0	.52	.50	.51	3.05
32.0	.29	.26	.28	2.85
64.0	.09	.08	.09	3.30
128.0	.02	.01	.02	3.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 51.38

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.79

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.33

4 51.38 4.33 42.74 12.39 4.524 2.158 1.0064 .5146 .2754 .0867 .0151

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 726 FT. FROM MARK 0 IN FILE ISC.37

STEP: .09 IN. AT 984.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.68	54.93	41.30	3.19
1.0	9.69	14.80	12.24	3.77
2.0	4.17	4.53	4.35	4.37
4.0	2.28	2.19	2.23	3.74
8.0	1.20	1.27	1.24	2.93
16.0	.75	.82	.78	2.33
32.0	.41	.42	.42	2.11
64.0	.17	.17	.17	2.28
128.0	.04	.04	.04	2.99

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 68.14

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.37

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.84

68.14 3.84 41.30 12.24 4.350 2.232 1.2355 .7813 .4171 .1723 .0357

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISC.37

STEP: .09 IN. AT 25.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.04	57.90	42.47	3.17
1.0	9.44	15.77	12.60	3.74
2.0	4.28	4.94	4.61	4.27
4.0	2.43	2.21	2.32	3.66
8.0	1.12	1.19	1.15	3.05
16.0	.60	.70	.65	2.67
32.0	.33	.35	.34	2.46
64.0	.14	.14	.14	2.63
128.0	.03	.03	.03	3.20

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 62.47

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.51

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.96

4 62.47 3.96 42.47 12.60 4.615 2.320 1.1514 .6483 .3438 .1388 .0301

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, C3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISC.37

STEP: .09 IN. AT 517.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	26.04	55.77	40.90	3.19
1.0	8.82	15.26	12.04	3.79
2.0	4.02	4.67	4.35	4.37
4.0	2.27	1.97	2.12	3.84
8.0	1.10	.99	1.04	3.21
16.0	.45	.54	.49	3.11
32.0	.24	.26	.25	3.01
64.0	.11	.11	.11	2.98
128.0	.02	.02	.02	3.66

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 49.40

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.84

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.26

49.40 4.26 40.90 12.04 4.349 2.118 1.0440 .4950 .2493 .1099 .0182

IH-37 SAN ANTONIO JUN 88 TEST SOUTHBOUND, INSIDE LANE, BOTH PATHS, C4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISC.37

STEP: .08 IN. AT 89.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.49	57.56	43.53	3.16
1.0	10.29	15.42	12.85	3.72
2.0	4.64	4.98	4.81	4.20
4.0	2.57	2.22	2.39	3.60
8.0	1.15	1.10	1.12	3.09
16.0	.46	.55	.50	3.08
32.0	.22	.25	.24	3.09
64.0	.09	.09	.09	3.21
128.0	.01	.02	.02	3.80

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 55.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.67

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.29

4 55.87 4.29 43.53 12.85 4.811 2.394 1.1236 .5039 .2380 .0926 .0151

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, D1

1525 FT. SECTION BEGINS 340 FT. FROM MARK 0 IN FILE ISD.37

STEP: .55 IN. AT 273.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	105.70	110.61	108.15	2.43
1.0	30.05	32.62	31.33	2.54
2.0	9.18	10.07	9.63	2.68
4.0	3.17	3.56	3.37	2.84
8.0	1.23	1.40	1.32	2.82
16.0	.63	.62	.63	2.73
32.0	.32	.29	.31	2.68
64.0	.11	.11	.11	2.97
128.0	.02	.02	.02	3.53

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 83.77

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.02

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.98

83.77 3.98 108.15 31.33 9.628 3.366 1.3162 .6254 .3052 .1108 .0216

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL SOUTHBOUND, INSIDE, BOTH PATHS, D2

1525 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISD.37

STEP: .51 IN. AT 647.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	86.58	98.95	92.77	2.59
1.0	25.16	29.99	27.58	2.74
2.0	8.65	10.08	9.36	2.75
4.0	3.51	4.15	3.83	2.53
8.0	1.54	1.67	1.60	2.46
16.0	.77	.75	.76	2.38
32.0	.43	.40	.41	2.12
64.0	.16	.15	.15	2.49
128.0	.03	.03	.03	3.18

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 101.59

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.66

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.71

2 101.59 3.71 92.77 27.58 9.365 3.829 1.6048 .7629 .4130 .1521 .0305

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, A1

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INA.37

STEP: 2.11 IN. AT 736.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	110.23	215.93	163.08	1.94
1.0	33.94	61.78	47.86	1.79
2.0	9.97	15.46	12.71	1.99
4.0	3.50	4.33	3.92	2.48
8.0	1.24	1.45	1.34	2.79
16.0	.58	.57	.58	2.87
32.0	.29	.25	.27	2.86
64.0	.12	.10	.11	2.99
128.0	.02	.02	.02	3.57

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 92.83

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.83

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.91

32.83 3.91 163.08 47.86 12.714 3.916 1.3434 .5760 .2745 .1091 .0205

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, A2

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INA.37

STEP: .63 IN. AT 113.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	117.15	127.33	122.24	2.29
1.0	33.74	34.94	34.34	2.38
2.0	8.96	10.65	9.80	2.64
4.0	2.84	3.49	3.17	2.98
8.0	1.12	1.27	1.20	2.99
16.0	.61	.61	.61	2.78
32.0	.31	.32	.31	2.65
64.0	.09	.09	.09	3.26
128.0	.03	.02	.02	3.42

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 78.46

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.14

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.94

5 78.46 3.94 122.24 34.34 9.801 3.166 1.1974 .6080 .3104 .0895 .0244

IH-37 SAN ANTONIO JUN 88 SOUTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, A3

1024 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INA.37

STEP: .19 IN. AT 930.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	97.43	110.58	104.01	2.47
1.0	27.03	29.91	28.47	2.69
2.0	8.02	9.11	8.57	2.97
4.0	2.58	3.22	2.90	3.18
8.0	1.07	1.28	1.18	3.02
16.0	.55	.56	.56	2.92
32.0	.30	.28	.29	2.77
64.0	.10	.09	.10	3.15
128.0	.02	.02	.02	3.59

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 69.82

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.09

69.82 4.09 104.01 28.47 8.566 2.898 1.1751 .5579 .2892 .0973 .0200

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE BOTH PATHS, A4

1056 FT. SECTION BEGINS 60 FT. FROM MARK 0 IN FILE INA.37

STEP: .19 IN. AT 163.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.81	63.09	48.45	3.10
1.0	13.17	17.78	15.48	3.53
2.0	5.60	5.61	5.60	3.92
4.0	2.96	2.49	2.73	3.32
8.0	1.33	1.31	1.32	2.82
16.0	.53	.65	.59	2.83
32.0	.27	.33	.30	2.70
64.0	.11	.12	.11	2.96
128.0	.03	.03	.03	3.36

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 67.89

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.38

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.00

5 67.89 4.00 48.45 15.48 5.605 2.725 1.3221 .5895 .3002 .1119 .0258

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE BOTH PATHS, A5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INA.37

STEP: .09 IN. AT 490.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.12	53.33	41.22	3.19
1.0	10.02	15.48	12.75	3.73
2.0	4.09	4.58	4.34	4.38
4.0	1.97	1.85	1.91	4.03
8.0	.78	.79	.78	3.62
16.0	.33	.36	.34	3.61
32.0	.18	.17	.18	3.50
64.0	.10	.09	.10	3.17
128.0	.03	.02	.02	3.40

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 36.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.19

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.14

36.24 4.14 41.22 12.75 4.338 1.911 .7823 .3425 .1783 .0961 .0248

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE BOTH PATHS, B1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INB.37

STEP: .09 IN. AT 332.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.46	59.67	44.07	3.15
1.0	9.56	16.29	12.93	3.72
2.0	4.01	5.13	4.57	4.29
4.0	2.13	2.23	2.18	3.78
8.0	1.14	1.19	1.17	3.03
16.0	.61	.63	.62	2.75
32.0	.30	.30	.30	2.70
64.0	.12	.12	.12	2.85
128.0	.02	.02	.02	3.44

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 57.83

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.63

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.12

5 57.83 4.12 44.07 12.93 4.570 2.181 1.1652 .6192 .3016 .1208 .0238

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, B2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INB.37

STEP: .10 IN. AT 70.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.75	58.74	43.74	3.16
1.0	9.73	16.75	13.24	3.70
2.0	4.04	5.00	4.52	4.31
4.0	2.27	2.29	2.28	3.69
8.0	1.42	1.40	1.41	2.70
16.0	.86	.91	.89	2.10
32.0	.47	.49	.48	1.85
64.0	.20	.20	.20	2.03
128.0	.04	.04	.04	2.96

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 75.24

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.21

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.82

75.24 3.82 43.74 13.24 4.519 2.282 1.4073 .8869 .4776 .1991 .0366

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, B3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INB.37

STEP: .08 IN. AT 337.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.31	55.90	42.10	3.18
1.0	9.67	15.06	12.37	3.76
2.0	3.97	4.60	4.29	4.39
4.0	2.07	1.93	2.00	3.95
8.0	.97	.96	.96	3.33
16.0	.51	.52	.52	3.05
32.0	.26	.26	.26	2.93
64.0	.09	.09	.09	3.31
128.0	.03	.03	.03	3.30

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.07

5 47.93 4.07 42.10 12.37 4.286 1.996 .9643 .5153 .2625 .0858 .0273

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, B4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INB.37

STEP: .09 IN. AT 1028.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.25	54.62	41.43	3.19
1.0	9.63	15.20	12.41	3.76
2.0	3.78	4.56	4.17	4.44
4.0	1.82	1.84	1.83	4.10
8.0	.83	.95	.89	3.45
16.0	.46	.54	.50	3.09
32.0	.23	.24	.23	3.13
64.0	.09	.09	.09	3.30
128.0	.02	.02	.02	3.50

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 43.43

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.00

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.21

43.43 4.21 41.43 12.41 4.172 1.829 .8889 .5000 .2321 .0861 .0223

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, B5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INB.37

STEP: .10 IN. AT 768.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.87	59.01	43.44	3.16
1.0	9.78	16.30	13.04	3.71
2.0	4.16	4.98	4.57	4.29
4.0	2.05	2.03	2.04	3.91
8.0	.89	.96	.92	3.40
16.0	.48	.52	.50	3.10
32.0	.30	.30	.30	2.71
64.0	.14	.14	.14	2.65
128.0	.03	.03	.03	3.17

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 47.82

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.88

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.98

5 47.82 3.98 43.44 13.04 4.570 2.039 .9212 .4973 .2998 .1377 .0309

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INC.37

STEP: .12 IN. AT 695.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.15	64.54	46.85	3.12
1.0	10.17	17.24	13.71	3.66
2.0	4.77	5.55	5.16	4.08
4.0	2.75	2.70	2.73	3.32
8.0	1.55	1.60	1.58	2.49
16.0	.99	1.00	1.00	1.88
32.0	.55	.56	.56	1.56
64.0	.16	.17	.17	2.35
128.0	.02	.03	.03	3.37

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 91.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.00

31.20 4.00 46.85 13.71 5.159 2.726 1.5788 .9990 .5567 .1653 .0255

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INC.37

STEP: .08 IN. AT 483.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.45	58.99	44.22	3.15
1.0	10.57	15.50	13.04	3.71
2.0	4.84	5.18	5.01	4.13
4.0	2.62	2.37	2.49	3.51
8.0	1.31	1.29	1.30	2.84
16.0	.76	.77	.76	2.38
32.0	.38	.37	.37	2.31
64.0	.15	.13	.14	2.60
128.0	.03	.03	.03	3.31

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 72.70

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.27

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.00

4 72.70 4.00 44.22 13.04 5.008 2.495 1.3015 .7615 .3744 .1420 .0272

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C3

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INC.37

STEP: .12 IN. AT 447.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	27.03	59.34	43.18	3.16
1.0	9.11	16.17	12.64	3.74
2.0	4.07	5.01	4.54	4.30
4.0	2.27	2.31	2.29	3.69
8.0	1.26	1.41	1.34	2.80
16.0	.82	.90	.86	2.16
32.0	.45	.48	.46	1.90
64.0	.17	.17	.17	2.29
128.0	.03	.03	.03	3.18

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 73.79

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.24

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 3.95

73.79 3.95 43.18 12.64 4.538 2.287 1.3365 .8596 .4645 .1714 .0306

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C4

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INC.37

STEP: .13 IN. AT 1004.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	28.99	54.84	41.91	3.18
1.0	11.00	16.77	13.88	3.65
2.0	4.74	5.73	5.24	4.05
4.0	2.51	2.36	2.44	3.56
8.0	1.17	1.10	1.14	3.08
16.0	.57	.60	.59	2.84
32.0	.36	.36	.36	2.38
64.0	.15	.14	.14	2.57
128.0	.02	.03	.03	3.38

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 61.50

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.53

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.05

4 61.50 4.05 41.91 13.88 5.238 2.437 1.1354 .5865 .3598 .1442 .0253

IH-37 SAN ANTONIO JUN 88 TEST NORTHBOUND, INSIDE LANE, BOTH PATHS, C5

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE INC.37

STEP: .12 IN. AT 695.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	29.15	64.54	46.85	3.12
1.0	10.17	17.24	13.71	3.66
2.0	4.77	5.55	5.16	4.08
4.0	2.75	2.70	2.73	3.32
8.0	1.55	1.60	1.58	2.49
16.0	.99	1.00	1.00	1.88
32.0	.55	.56	.56	1.56
64.0	.16	.17	.17	2.35
128.0	.02	.03	.03	3.37

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 91.20

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 2.86

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.00

91.20 4.00 46.85 13.71 5.159 2.726 1.5788 .9990 .5567 .1653 .0255

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, D1

1056 FT. SECTION BEGINS 1300 FT. FROM MARK 0 IN FILE IND.37

STEP: .25 IN. AT 8.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.82	66.09	49.96	3.08
1.0	11.83	18.62	15.23	3.55
2.0	4.38	5.74	5.06	4.11
4.0	1.46	2.06	1.76	4.17
8.0	.61	.69	.65	3.85
16.0	.34	.37	.36	3.56
32.0	.15	.14	.15	3.73
64.0	.07	.06	.07	3.58
128.0	.02	.02	.02	3.54

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 33.87

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.26

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.24

2 33.87 4.24 49.96 15.23 5.059 1.760 .6518 .3580 .1467 .0673 .0212

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL NORTHBOUND, INSIDE, BOTH PATHS, D2

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE IND.37

STEP: .26 IN. AT 877.0 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	33.61	65.87	49.74	3.08
1.0	12.55	18.49	15.52	3.53
2.0	5.01	5.37	5.19	4.07
4.0	2.23	2.04	2.13	3.83
8.0	.83	.93	.88	3.47
16.0	.37	.45	.41	3.38
32.0	.17	.19	.18	3.48
64.0	.06	.06	.06	3.64
128.0	.02	.02	.02	3.76

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 44.93

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 3.96

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.31

44.93 4.31 49.74 15.52 5.193 2.132 .8779 .4112 .1811 .0630 .0160

IH-37 SAN ANTONIO JUN 88 NORTH-CTRL SOUTHBOUND, INSIDE, RIGHT PATH, A1

1056 FT. SECTION BEGINS 0 FT. FROM MARK 0 IN FILE ISA.37

STEP: .35 IN. AT 930.5 FT.

RMS VERTICAL ACCELERATION (FT/SEC SQ) AT 50 MPH:

BASE LENGTH	RIGHT	LEFT	COMBINED	ESTIMATED SI
.5	43.94	70.94	43.94	3.15
1.0	13.42	21.22	13.42	3.68
2.0	4.65	5.77	4.65	4.26
4.0	1.57	1.80	1.57	4.35
8.0	.65	.69	.65	3.84
16.0	.38	.38	.38	3.48
32.0	.26	.25	.26	2.96
64.0	.09	.09	.09	3.24
128.0	.02	.02	.02	3.61

MO (MRM SIMSTAT) (COUNTS/.2 MILE): 30.99

OLD FLEXIBLE PAVEMENT SERVICEABILITY: 4.33

FLEXIBLE PAVEMENT SERVICEABILITY INDEX: 4.30

4 30.99 4.30 43.94 13.42 4.647 1.565 .6544 .3812 .2573 .0910 .0197
