APPENDIX H
CALIBRATED ACP PERFORMANCE MODEL COEFFICIENTS

NOTE: For the following tables, Low Traffic is defined as having a projected 20 year 18KESAL forecast below 1,000,000; Medium Traffic is between 1,000,000 and 10,000,000; and High Traffic is greater than or equal to 10,000,000.

Calibrated model coefficients for Zone 1-pavement family A

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.41	75.16	100.00	0.43	102.38	100.00	0.39	58.34
	LR	100.00	0.47	79.75	100.00	0.47	107.18	100.00	0.42	66.85
	MR	100.00	0.52	80.38	100.00	0.55	121.09	100.00	0.47	67.14
	HR	100.00	0.53	91.69	100.00	0.58	122.99	100.00	0.55	70.69
Deep Rutting	PM	100.00	0.54	88.24	100.00	0.76	60.35	100.00	0.58	95.02
	LR	100.00	0.55	101.18	100.00	0.80	68.37	100.00	0.60	113.20
	MR	100.00	0.56	115.81	100.00	0.88	80.79	100.00	0.65	116.07
	HR	100.00	0.57	133.23	100.00	1.01	83.07	100.00	0.73	123.10
Failures	PM	20.00	1.11	23.48	20.00	1.30	19.85	20.00	3.61	8.86
	LR	20.00	1.17	24.55	20.00	1.33	20.51	20.00	3.88	9.10
	MR	20.00	1.26	27.30	20.00	1.37	21.50	20.00	4.19	9.14
	HR	20.00	1.40	30.05	20.00	1.40	21.49	20.00	4.54	9.18
Block Cracking	PM	100.00	3.73	114.51	100.00	0.96	45.92	100.00	6.75	83.46
	LR	100.00	3.81	130.91	100.00	1.83	47.93	100.00	7.69	94.98
	MR	100.00	4.46	142.20	100.00	2.58	48.74	100.00	8.80	108.82
	HR	100.00	4.98	146.76	100.00	3.14	58.32	100.00	10.10	125.49
Alligator Cracking	PM	100.00	0.58	101.42	100.00	0.49	96.93	100.00	4.24	8.20
	LR	100.00	0.62	104.61	100.00	0.53	113.11	100.00	5.10	9.67
	MR	100.00	0.72	115.98	100.00	0.58	133.61	100.00	5.73	11.28
	HR	100.00	0.73	135.90	100.00	0.65	159.49	100.00	6.06	11.90
Longitudinal Cracking	PM	500.00	0.52	116.51	500.00	0.53	90.24	500.00	0.44	69.52
	LR	500.00	0.60	133.63	500.00	0.54	104.52	500.00	0.50	71.55
	MR	500.00	0.67	146.86	500.00	0.56	123.32	500.00	0.51	81.25
	HR	500.00	0.71	153.66	500.00	0.59	146.45	500.00	0.58	84.37
Transverse Cracking	PM	20.00	0.71	95.12	20.00	0.49	68.47	20.00	0.88	20.33
	LR	20.00	1.11	109.50	20.00	0.54	68.87	20.00	0.92	21.07
	MR	20.00	1.52	125.33	20.00	0.55	77.01	20.00	0.99	22.61
	HR	20.00	1.95	143.04	20.00	0.61	78.23	20.00	1.09	25.68
Patching	PM	100.00	0.38	101.23	100.00	0.64	49.65	100.00	0.52	87.67
	LR	100.00	0.41	105.68	100.00	0.65	53.60	100.00	0.52	100.95
	MR	100.00	0.48	119.25	100.00	0.65	57.65	100.00	0.53	115.41
	HR	100.00	0.50	119.67	100.00	0.78	61.64	100.00	0.54	131.59
Ride Score	PM	100.00	2.27	8.69	100.00	2.09	9.74	100.00	3.68	8.45
	LR	100.00	4.46	10.48	100.00	2.41	10.16	100.00	6.47	11.14
	MR	100.00	4.96	14.69	100.00	2.47	14.96	100.00	8.83	12.93
	HR	100.00	42.52	18.71	100.00	44.12	19.52	100.00	47.08	18.53

Calibrated model coefficients for Zone 1-pavement family B

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.39	90.81	100.00	0.73	51.56	100.00	0.30	99.51
	LR	100.00	0.41	106.60	100.00	0.74	56.02	100.00	0.33	103.93
	MR	100.00	0.43	127.73	100.00	0.75	60.38	100.00	0.38	115.99
	HR	100.00	0.46	130.80	100.00	0.76	64.74	100.00	0.39	137.75
Deep Rutting	PM	100.00	0.60	101.99	100.00	0.73	82.60	100.00	0.51	101.42
	LR	100.00	0.67	121.58	100.00	0.86	91.14	100.00	0.58	120.33
	MR	100.00	0.78	124.74	100.00	0.98	96.09	100.00	0.68	122.26
	HR	100.00	0.94	131.24	100.00	1.08	97.65	100.00	0.83	127.33
Failures	PM	20.00	0.42	118.33	20.00	0.68	97.50	20.00	0.57	109.25
	LR	20.00	0.62	129.27	20.00	0.72	98.24	20.00	1.18	126.57
	MR	20.00	0.66	153.80	20.00	0.79	102.39	20.00	1.71	144.27
	HR	20.00	0.89	167.58	20.00	0.90	110.55	20.00	2.12	160.90
Block Cracking	PM	100.00	0.63	118.81	100.00	3.89	50.61	100.00	7.79	25.39
	LR	100.00	0.80	133.78	100.00	4.21	55.19	100.00	9.31	26.85
	MR	100.00	0.90	140.54	100.00	4.58	59.86	100.00	9.62	29.82
	HR	100.00	1.18	165.32	100.00	4.99	65.57	100.00	10.32	34.55
Alligator Cracking	PM	100.00	0.46	74.29	100.00	0.54	53.38	100.00	3.34	9.15
	LR	100.00	0.53	78.08	100.00	0.56	58.71	100.00	3.64	9.28
	MR	100.00	0.57	93.06	100.00	0.59	66.42	100.00	4.03	9.49
	HR	100.00	0.57	104.61	100.00	0.63	75.32	100.00	4.56	9.71
Longitudinal Cracking	PM	500.00	0.57	25.48	500.00	0.49	67.22	500.00	0.54	72.19
	LR	500.00	0.62	27.71	500.00	0.58	78.01	500.00	0.61	74.44
	MR	500.00	0.71	33.43	500.00	0.74	80.44	500.00	0.64	85.46
	HR	500.00	0.73	34.89	500.00	0.74	87.33	500.00	0.75	91.01
Transverse Cracking	PM	20.00	1.58	6.58	20.00	0.29	107.15	20.00	6.98	6.29
	LR	20.00	1.81	7.59	20.00	0.32	116.81	20.00	7.87	6.95
	MR	20.00	1.92	8.34	20.00	0.33	118.06	20.00	8.78	7.89
	HR	20.00	2.25	9.50	20.00	0.38	133.00	20.00	9.69	9.66
Patching	PM	100.00	0.36	55.57	100.00	0.59	77.35	100.00	1.08	10.30
	LR	100.00	0.38	63.16	100.00	0.68	82.08	100.00	1.27	11.72
	MR	100.00	0.41	74.20	100.00	0.75	82.76	100.00	1.46	13.35
	HR	100.00	0.47	75.09	100.00	0.78	95.87	100.00	1.62	14.48
Ride Score	PM	100.00	5.28	7.46	100.00	3.50	8.67	100.00	2.25	6.96
	LR	100.00	5.67	9.56	100.00	6.24	11.13	100.00	2.53	7.39
	MR	100.00	6.31	14.94	100.00	7.89	12.05	100.00	3.02	7.77
	HR	100.00	17.19	19.80	100.00	42.69	17.67	100.00	3.23	8.28

Calibrated model coefficients for Zone 1-pavement family C

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.30	111.93	Insufficient Data (Use Low Traffic Coefficients)					
	LR	100.00	0.35	125.82						
	MR	100.00	0.38	134.17						
	HR	100.00	0.39	134.69						
Deep Rutting	PM	100.00	0.51	97.89						
	LR	100.00	0.54	99.55						
	MR	100.00	0.61	106.95						
	HR	100.00	0.71	119.97						
Failures	PM	20.00	0.60	85.56						
	LR	20.00	0.72	96.57						
	MR	20.00	0.85	107.31						
	HR	20.00	0.99	116.75						
Block Cracking	PM	100.00	5.51	112.31						
	LR	100.00	6.28	113.75						
	MR	100.00	7.34	119.19						
	HR	100.00	8.79	127.92						
Alligator Cracking	PM	100.00	0.76	48.31						
	LR	100.00	0.91	50.79						
	MR	100.00	1.07	52.81						
	HR	100.00	1.23	53.91						
Longitudinal Cracking	PM	500.00	0.64	84.90						
	LR	500.00	0.77	94.96						
	MR	500.00	0.90	104.07						
	HR	500.00	1.03	111.74						
Transverse Cracking	PM	20.00	9.15	58.53						
	LR	20.00	10.19	60.41						
	MR	20.00	10.63	69.24						
	HR	20.00	12.48	74.90						
Patching	PM	100.00	0.41	69.14						
	LR	100.00	0.46	70.51						
	MR	100.00	0.47	80.20						
	HR	100.00	0.54	83.32						
Ride Score	PM	100.00	2.16	9.14						
	LR	100.00	5.50	11.60						
	MR	100.00	8.52	13.89						
	HR	100.00	10.13	19.47						

Calibrated model coefficients for Zone 2-pavement family A

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.42	110.20	100.00	0.50	91.77	100.00	0.52	71.62
	LR	100.00	0.47	121.74	100.00	0.52	107.61	100.00	0.58	74.26
	MR	100.00	0.50	125.66	100.00	0.55	129.57	100.00	0.61	85.16
	HR	100.00	0.59	145.28	100.00	0.59	132.43	100.00	0.71	90.54
Deep Rutting	PM	100.00	0.62	85.47	100.00	0.70	76.20	100.00	0.89	44.97
	LR	100.00	0.75	95.17	100.00	0.83	83.33	100.00	1.05	46.10
	MR	100.00	0.89	104.45	100.00	0.88	89.09	100.00	1.18	54.08
	HR	100.00	1.03	112.31	100.00	1.53	93.10	100.00	1.28	61.40
Failures	PM	20.00	0.87	21.95	20.00	0.55	111.45	20.00	0.78	69.14
	LR	20.00	0.91	23.32	20.00	0.63	122.81	20.00	0.86	82.97
	MR	20.00	1.00	25.56	20.00	0.66	126.71	20.00	1.02	90.45
	HR	20.00	1.12	29.47	20.00	0.78	145.99	20.00	1.10	105.81
Block Cracking	PM	100.00	0.57	97.50	100.00	0.54	89.19	100.00	0.88	85.46
	LR	100.00	0.60	113.66	100.00	0.55	102.78	100.00	1.04	94.11
	MR	100.00	0.64	131.51	100.00	0.57	119.77	100.00	1.20	101.08
	HR	100.00	0.66	151.23	100.00	0.58	139.97	100.00	1.34	105.18
Alligator Cracking	PM	100.00	0.49	68.28	100.00	0.54	35.51	100.00	0.95	19.85
	LR	100.00	0.55	68.53	100.00	0.62	42.29	100.00	0.99	20.93
	MR	100.00	0.56	76.35	100.00	0.66	46.25	100.00	1.05	22.33
	HR	100.00	0.62	76.19	100.00	0.78	47.48	100.00	1.13	23.74
Longitudinal Cracking	PM	500.00	0.65	41.91	500.00	0.39	75.34	500.00	0.47	115.36
	LR	500.00	0.76	42.71	500.00	0.45	79.93	500.00	0.54	131.06
	MR	500.00	0.85	50.70	500.00	0.50	80.72	500.00	0.60	142.35
	HR	500.00	0.91	57.23	500.00	0.52	93.19	500.00	0.63	146.90
Transverse Cracking	PM	20.00	0.66	50.51	20.00	0.51	68.85	20.00	0.63	60.35
	LR	20.00	0.67	54.85	20.00	1.21	81.97	20.00	0.67	65.17
	MR	20.00	0.67	59.12	20.00	1.38	86.76	20.00	0.69	69.94
	HR	20.00	0.68	63.36	20.00	1.95	98.37	20.00	0.69	74.61
Patching	PM	100.00	0.58	54.80	100.00	0.42	110.20	100.00	0.60	67.13
	LR	100.00	0.61	61.13	100.00	0.47	121.74	100.00	0.66	79.75
	MR	100.00	0.64	69.17	100.00	0.50	125.66	100.00	0.79	86.73
	HR	100.00	0.70	80.26	100.00	0.59	145.28	100.00	0.85	101.63
Ride Score	PM	100.00	5.35	7.53	100.00	42.24	6.19	100.00	25.01	6.36
	LR	100.00	5.78	11.51	100.00	43.80	8.47	100.00	34.52	8.65
	MR	100.00	7.94	13.56	100.00	49.03	11.94	100.00	37.72	10.67
	HR	100.00	42.65	17.26	100.00	49.50	13.86	100.00	45.51	18.06

Calibrated model coefficients for Zone 2-pavement family B

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.49	93.49	100.00	0.74	46.21	Insufficient Data (use Medium Traffic Coefficients)		
	LR	100.00	0.51	110.67	100.00	1.01	53.71			
	MR	100.00	0.55	112.98	100.00	1.09	57.91			
	HR	100.00	0.61	118.76	100.00	1.40	68.24			
Deep Rutting	PM	100.00	0.82	55.66	100.00	0.59	118.61			
	LR	100.00	0.84	61.69	100.00	0.69	137.57			
	MR	100.00	0.88	69.12	100.00	0.78	153.66			
	HR	100.00	0.94	78.38	100.00	0.85	164.70			
Failures	PM	20.00	2.87	10.68	20.00	1.22	19.56			
	LR	20.00	3.20	11.67	20.00	1.25	20.57			
	MR	20.00	3.75	13.25	20.00	1.29	21.63			
	HR	20.00	3.86	15.73	20.00	1.33	22.69			
Block Cracking	PM	100.00	4.58	37.62	100.00	4.64	34.94			
	LR	100.00	5.44	44.08	100.00	5.43	39.55			
	MR	100.00	5.88	46.13	100.00	5.69	40.32			
	HR	100.00	6.93	52.43	100.00	6.41	43.43			
Alligator Cracking	PM	100.00	0.74	53.56	100.00	0.73	39.14			
	LR	100.00	0.76	59.13	100.00	0.83	46.76			
	MR	100.00	0.79	65.12	100.00	0.90	52.78			
	HR	100.00	0.82	72.21	100.00	0.92	56.47			
Longitudinal Cracking	PM	500.00	0.28	111.35	500.00	0.37	86.61			
	LR	500.00	0.32	124.55	500.00	0.37	99.37			
	MR	500.00	0.34	132.67	500.00	0.38	113.92			
	HR	500.00	0.35	159.94	500.00	0.39	131.58			
Transverse Cracking	PM	20.00	1.08	22.90	20.00	0.79	16.22			
	LR	20.00	1.14	24.49	20.00	0.81	16.46			
	MR	20.00	1.23	26.20	20.00	0.84	16.62			
	HR	20.00	1.36	28.91	20.00	0.89	17.79			
Patching	PM	100.00	0.34	102.28	100.00	0.71	94.44			
	LR	100.00	0.37	107.66	100.00	0.74	111.07			
	MR	100.00	0.43	123.83	100.00	0.78	111.41			
	HR	100.00	0.46	127.92	100.00	0.85	114.06			
Ride Score	PM	100.00	18.25	6.38	100.00	6.32	7.72			
	LR	100.00	20.03	7.52	100.00	6.81	11.60			
	MR	100.00	21.16	9.67	100.00	9.02	13.65			
	HR	100.00	21.82	13.26	100.00	43.72	17.39			

Calibrated model coefficients for Zone 2-pavement family C

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.58	49.93	100.00	0.46	96.74	Insufficient Data (use Medium Traffic Coefficients)		
	LR	100.00	0.59	53.87	100.00	0.49	98.00			
	MR	100.00	0.60	58.23	100.00	0.54	104.16			
	HR	100.00	0.60	62.57	100.00	0.63	115.82			
Deep Rutting	PM	100.00	0.60	90.24	100.00	0.65	103.52			
	LR	100.00	0.60	101.52	100.00	0.71	108.86			
	MR	100.00	0.80	112.77	100.00	0.82	122.33			
	HR	100.00	1.01	123.06	100.00	0.86	145.53			
Failures	PM	20.00	0.78	100.18	20.00	4.36	90.05			
	LR	20.00	0.84	101.50	20.00	4.70	104.11			
	MR	20.00	0.93	108.45	20.00	5.11	121.38			
	HR	20.00	1.08	120.54	20.00	5.59	141.92			
Block Cracking	PM	100.00	3.17	42.00	100.00	9.87	33.50			
	LR	100.00	3.38	44.69	100.00	11.39	34.21			
	MR	100.00	3.61	48.17	100.00	12.65	39.69			
	HR	100.00	3.87	51.67	100.00	13.49	44.76			
Alligator Cracking	PM	100.00	0.62	65.51	100.00	0.47	92.92			
	LR	100.00	0.67	77.95	100.00	0.49	110.43			
	MR	100.00	0.79	82.99	100.00	0.52	111.54			
	HR	100.00	0.83	94.98	100.00	0.58	116.91			
Longitudinal Cracking	PM	500.00	0.48	117.56	500.00	0.48	105.14			
	LR	500.00	0.56	136.53	500.00	0.53	112.14			
	MR	500.00	0.63	152.26	500.00	0.63	129.81			
	HR	500.00	0.68	162.75	500.00	0.69	137.24			
Transverse Cracking	PM	20.00	0.84	49.84	20.00	0.77	111.83			
	LR	20.00	0.84	53.07	20.00	0.86	122.68			
	MR	20.00	1.00	55.46	20.00	0.90	124.05			
	HR	20.00	1.16	56.55	20.00	1.03	138.96			
Patching	PM	100.00	1.16	28.63	100.00	0.37	101.70			
	LR	100.00	1.25	31.85	100.00	0.44	120.93			
	MR	100.00	1.41	36.46	100.00	0.54	122.24			
	HR	100.00	1.67	36.09	100.00	0.68	125.78			
Ride Score	PM	100.00	8.04	6.50	100.00	6.66	5.91			
	LR	100.00	8.27	7.80	100.00	8.00	8.73			
	MR	100.00	8.43	10.35	100.00	11.71	11.19			
	HR	100.00	11.11	12.49	100.00	29.15	19.68			

Calibrated model coefficients for Zone 3-pavement family A

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.60	38.00	100.00	0.72	49.36	100.00	0.39	93.20
	LR	100.00	0.69	45.74	100.00	0.72	52.28	100.00	0.41	111.05
	MR	100.00	0.75	51.83	100.00	0.86	54.69	100.00	0.45	113.92
	HR	100.00	0.76	55.28	100.00	1.01	57.32	100.00	0.50	121.25
Deep Rutting	PM	100.00	0.60	38.00	100.00	0.66	93.30	100.00	1.47	19.47
	LR	100.00	0.69	45.74	100.00	0.68	109.59	100.00	1.50	19.24
	MR	100.00	0.75	51.83	100.00	0.72	131.53	100.00	1.50	22.99
	HR	100.00	0.76	55.28	100.00	0.78	134.19	100.00	1.79	27.66
Failures	PM	20.00	0.95	45.35	20.00	0.68	87.47	20.00	9.56	100.94
	LR	20.00	1.11	46.06	20.00	0.69	98.27	20.00	10.69	110.36
	MR	20.00	1.25	53.97	20.00	0.82	110.18	20.00	11.17	112.24
	HR	20.00	1.35	61.19	20.00	0.97	122.22	20.00	13.09	128.18
Block Cracking	PM	100.00	0.91	52.14	100.00	6.17	57.67	100.00	7.31	14.32
	LR	100.00	0.92	55.67	100.00	6.34	69.79	100.00	8.45	14.39
	MR	100.00	0.92	59.56	100.00	7.18	77.09	100.00	9.86	14.54
	HR	100.00	1.10	63.36	100.00	7.46	77.46	100.00	11.59	15.69
Alligator Cracking	PM	100.00	0.60	94.44	100.00	0.50	95.69	100.00	0.70	73.43
	LR	100.00	0.63	111.68	100.00	0.53	96.07	100.00	0.79	75.55
	MR	100.00	0.67	113.84	100.00	0.58	100.16	100.00	0.83	87.17
	HR	100.00	0.74	119.43	100.00	0.66	108.68	100.00	0.96	92.43
Longitudinal Cracking	PM	500.00	0.39	84.13	500.00	0.44	57.29	500.00	0.30	70.76
	LR	500.00	0.47	94.78	500.00	0.46	64.57	500.00	0.33	74.03
	MR	500.00	0.56	106.02	500.00	0.51	76.98	500.00	0.34	86.91
	HR	500.00	0.66	117.05	500.00	0.58	79.33	500.00	0.40	95.59
Transverse Cracking	PM	20.00	0.41	84.04	20.00	0.55	33.12	20.00	0.32	113.93
	LR	20.00	0.49	94.64	20.00	0.62	38.69	20.00	0.37	129.94
	MR	20.00	0.58	105.72	20.00	0.64	42.05	20.00	0.41	141.41
	HR	20.00	0.68	116.56	20.00	0.74	49.59	20.00	0.43	146.17
Patching	PM	100.00	0.55	93.11	100.00	0.59	60.92	100.00	0.58	97.59
	LR	100.00	0.59	96.04	100.00	0.63	70.20	100.00	0.62	98.90
	MR	100.00	1.12	106.52	100.00	0.71	70.67	100.00	0.69	104.70
	HR	100.00	2.26	126.90	100.00	0.84	75.60	100.00	0.79	116.03
Ride Score	PM	100.00	3.78	8.73	100.00	13.47	8.01	100.00	3.15	9.42
	LR	100.00	6.97	10.94	100.00	14.48	9.55	100.00	3.19	11.60
	MR	100.00	7.55	15.56	100.00	21.45	12.59	100.00	5.76	13.75
	HR	100.00	28.32	17.37	100.00	41.38	15.02	100.00	33.18	17.38

Calibrated model coefficients for Zone 3-pavement family B

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.56	49.36	100.00	0.57	76.78	100.00	0.51	87.86
	LR	100.00	0.57	52.75	100.00	0.65	81.89	100.00	0.52	101.12
	MR	100.00	0.57	57.01	100.00	0.72	82.44	100.00	0.52	115.75
	HR	100.00	0.57	60.89	100.00	0.74	93.67	100.00	0.53	133.15
Deep Rutting	PM	100.00	0.56	49.36	100.00	0.76	76.78	100.00	0.92	51.94
	LR	100.00	0.57	52.75	100.00	0.87	81.03	100.00	0.92	55.58
	MR	100.00	0.57	57.01	100.00	0.93	95.61	100.00	1.11	59.38
	HR	100.00	0.57	60.89	100.00	0.93	106.60	100.00	1.32	62.07
Failures	PM	20.00	0.78	83.75	20.00	0.65	84.70	20.00	0.71	80.98
	LR	20.00	0.92	92.56	20.00	0.78	94.81	20.00	0.86	88.21
	MR	20.00	1.06	99.13	20.00	0.90	103.75	20.00	1.67	92.33
	HR	20.00	1.17	101.83	20.00	1.03	111.23	20.00	2.42	92.55
Block Cracking	PM	100.00	5.92	91.20	100.00	6.49	47.84	100.00	2.83	93.88
	LR	100.00	6.00	95.02	100.00	6.87	54.13	100.00	3.25	98.62
	MR	100.00	6.64	108.23	100.00	7.75	63.40	100.00	3.40	113.26
	HR	100.00	6.66	111.74	100.00	9.23	64.24	100.00	3.87	117.22
Alligator Cracking	PM	100.00	0.58	84.99	100.00	0.51	104.29	100.00	0.65	97.12
	LR	100.00	0.69	95.36	100.00	0.56	110.31	100.00	0.69	97.17
	MR	100.00	0.81	104.94	100.00	0.66	126.22	100.00	0.75	101.11
	HR	100.00	0.94	114.17	100.00	0.71	130.35	100.00	0.86	109.48
Longitudinal Cracking	PM	500.00	0.31	72.86	500.00	0.39	91.01	500.00	0.47	54.04
	LR	500.00	0.35	77.01	500.00	0.40	106.77	500.00	0.49	60.22
	MR	500.00	0.38	91.16	500.00	0.42	107.08	500.00	0.52	68.45
	HR	500.00	0.39	102.18	500.00	0.46	109.77	500.00	0.57	79.80
Transverse Cracking	PM	20.00	0.79	8.48	20.00	0.31	66.46	20.00	1.50	20.04
	LR	20.00	1.04	9.98	20.00	0.34	66.58	20.00	1.53	20.29
	MR	20.00	1.28	11.90	20.00	0.35	74.21	20.00	1.65	20.07
	HR	20.00	1.50	13.83	20.00	0.39	74.97	20.00	1.76	21.27
Patching	PM	100.00	2.55	9.44	100.00	0.81	65.89	100.00	0.51	69.04
	LR	100.00	2.86	9.78	100.00	0.88	77.37	100.00	0.57	70.04
	MR	100.00	3.41	11.48	100.00	1.01	80.31	100.00	0.58	78.29
	HR	100.00	3.62	11.18	100.00	1.04	89.06	100.00	0.65	79.75
Ride Score	PM	100.00	21.50	6.55	100.00	3.93	8.73	100.00	1.74	9.72
	LR	100.00	22.72	8.10	100.00	7.12	10.94	100.00	1.98	10.10
	MR	100.00	25.27	9.90	100.00	7.69	11.38	100.00	4.40	14.70
	HR	100.00	29.49	14.21	100.00	42.48	17.31	100.00	40.79	19.14

Calibrated model coefficients for Zone 3-pavement family C

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.47	92.92	100.00	0.42	116.22	Insufficient Data (use Medium Traffic Coefficients)		
	LR	100.00	0.49	110.43	100.00	0.49	133.09			
	MR	100.00	0.52	111.54	100.00	0.55	147.01			
	HR	100.00	0.58	116.91	100.00	0.59	155.54			
Deep Rutting	PM	100.00	0.60	89.57	100.00	0.97	40.67			
	LR	100.00	0.61	103.70	100.00	1.11	48.60			
	MR	100.00	0.63	120.53	100.00	1.19	54.91			
	HR	100.00	0.64	140.51	100.00	1.20	57.54			
Failures	PM	20.00	0.65	90.72	20.00	1.47	23.67			
	LR	20.00	0.67	105.15	20.00	1.52	25.05			
	MR	20.00	0.69	122.36	20.00	1.60	26.29			
	HR	20.00	0.71	142.82	20.00	1.69	27.52			
Block Cracking	PM	100.00	2.55	35.71	100.00	0.60	91.96			
	LR	100.00	2.69	38.13	100.00	0.62	107.20			
	MR	100.00	2.87	40.74	100.00	0.65	126.58			
	HR	100.00	3.08	44.03	100.00	0.69	127.51			
Alligator Cracking	PM	100.00	0.58	84.99	100.00	0.49	87.29			
	LR	100.00	0.69	95.36	100.00	0.49	99.18			
	MR	100.00	0.81	104.94	100.00	0.50	113.35			
	HR	100.00	0.94	114.17	100.00	0.50	129.52			
Longitudinal Cracking	PM	500.00	0.59	60.92	500.00	0.36	61.59			
	LR	500.00	0.63	70.20	500.00	0.39	72.32			
	MR	500.00	0.71	70.67	500.00	0.45	75.19			
	HR	500.00	0.84	75.60	500.00	0.46	83.94			
Transverse Cracking	PM	20.00	0.53	83.84	20.00	0.36	99.89			
	LR	20.00	0.63	93.93	20.00	0.39	103.99			
	MR	20.00	0.73	103.18	20.00	0.45	116.06			
	HR	20.00	0.84	111.02	20.00	0.46	137.82			
Patching	PM	100.00	0.51	104.29	100.00	0.37	86.61			
	LR	100.00	0.56	110.31	100.00	0.37	99.37			
	MR	100.00	0.66	126.22	100.00	0.38	113.92			
	HR	100.00	0.71	130.35	100.00	0.39	131.58			
Ride Score	PM	100.00	2.31	9.63	100.00	5.34	8.81			
	LR	100.00	5.06	11.95	100.00	6.57	11.40			
	MR	100.00	8.36	15.96	100.00	7.23	14.65			
	HR	100.00	26.41	17.46	100.00	7.79	18.30			

Calibrated model coefficients for Zone 4-pavement family A

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.43	95.69	100.00	0.47	92.92	100.00	0.55	94.44
	LR	100.00	0.46	96.07	100.00	0.49	110.43	100.00	0.58	111.97
	MR	100.00	0.51	100.16	100.00	0.52	111.54	100.00	0.62	114.49
	HR	100.00	0.59	108.68	100.00	0.58	116.91	100.00	0.69	120.47
Deep Rutting	PM	100.00	0.57	116.22	100.00	0.86	54.62	100.00	0.88	60.35
	LR	100.00	0.74	126.95	100.00	0.88	60.15	100.00	0.92	65.17
	MR	100.00	0.78	151.64	100.00	0.91	66.05	100.00	0.94	69.94
	HR	100.00	0.98	166.84	100.00	0.94	73.03	100.00	0.94	74.61
Failures	PM	20.00	0.63	90.15	20.00	0.77	60.53	20.00	4.54	102.37
	LR	20.00	0.64	103.93	20.00	0.81	69.42	20.00	5.11	102.51
	MR	20.00	0.66	120.95	20.00	0.90	81.88	20.00	5.94	107.28
	HR	20.00	0.68	141.16	20.00	1.03	84.21	20.00	7.12	115.03
Block Cracking	PM	100.00	3.46	19.85	100.00	1.32	22.04	100.00	6.71	93.11
	LR	100.00	3.94	21.92	100.00	1.37	22.78	100.00	8.00	93.95
	MR	100.00	3.98	25.31	100.00	1.43	24.21	100.00	8.38	100.35
	HR	100.00	4.29	25.89	100.00	1.51	25.45	100.00	9.26	112.37
Alligator Cracking	PM	100.00	0.61	56.90	100.00	0.58	50.13	100.00	1.20	17.56
	LR	100.00	0.64	63.85	100.00	0.58	53.97	100.00	1.22	18.31
	MR	100.00	0.69	74.32	100.00	0.59	58.41	100.00	1.23	18.18
	HR	100.00	0.77	88.47	100.00	0.60	62.86	100.00	1.33	18.05
Longitudinal Cracking	PM	500.00	0.47	70.47	500.00	0.33	93.68	500.00	0.47	86.52
	LR	500.00	0.53	71.91	500.00	0.34	112.74	500.00	0.47	98.81
	MR	500.00	0.55	81.85	500.00	0.38	117.63	500.00	0.47	112.61
	HR	500.00	0.63	86.34	500.00	0.43	128.00	500.00	0.47	128.33
Transverse Cracking	PM	20.00	1.37	20.99	20.00	0.79	34.85	20.00	1.20	27.59
	LR	20.00	1.41	21.59	20.00	0.85	41.99	20.00	1.28	30.55
	MR	20.00	1.45	22.62	20.00	1.43	47.89	20.00	1.43	34.93
	HR	20.00	1.49	23.81	20.00	1.89	52.75	20.00	1.66	41.19
Patching	PM	100.00	0.34	61.02	100.00	0.35	78.21	100.00	0.53	61.40
	LR	100.00	0.36	71.17	100.00	0.41	85.05	100.00	0.57	70.64
	MR	100.00	0.42	73.91	100.00	0.46	89.16	100.00	0.64	72.63
	HR	100.00	0.43	82.53	100.00	0.51	89.88	100.00	0.77	79.45
Ride Score	PM	100.00	11.03	6.69	100.00	18.25	6.38	100.00	29.23	7.89
	LR	100.00	13.81	9.89	100.00	20.03	7.52	100.00	32.47	9.78
	MR	100.00	20.72	12.29	100.00	21.16	9.67	100.00	36.73	10.63
	HR	100.00	34.06	19.63	100.00	21.82	13.26	100.00	49.18	12.48

Calibrated model coefficients for Zone 4-pavement family B

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.36	96.83	100.00	0.42	97.79	Insufficient Data (use Medium Traffic Coefficients)		
	LR	100.00	0.38	98.63	100.00	0.45	100.03			
	MR	100.00	0.43	106.47	100.00	0.50	107.93			
	HR	100.00	0.51	119.87	100.00	0.60	123.21			
Deep Rutting	PM	100.00	0.60	101.99	100.00	0.66	79.17			
	LR	100.00	0.65	105.86	100.00	0.83	87.75			
	MR	100.00	0.75	117.40	100.00	0.94	96.08			
	HR	100.00	0.77	137.53	100.00	0.98	102.67			
Failures	PM	20.00	9.95	99.32	20.00	1.11	23.48			
	LR	20.00	10.88	104.94	20.00	1.17	24.55			
	MR	20.00	12.95	121.25	20.00	1.26	27.30			
	HR	20.00	14.05	127.01	20.00	1.40	30.05			
Block Cracking	PM	100.00	9.31	97.21	100.00	0.71	46.78			
	LR	100.00	10.33	104.85	100.00	0.84	49.16			
	MR	100.00	10.64	105.51	100.00	0.98	50.18			
	HR	100.00	12.27	119.35	100.00	1.12	59.95			
Alligator Cracking	PM	100.00	0.65	47.36	100.00	0.58	49.93			
	LR	100.00	0.93	54.93	100.00	0.59	53.87			
	MR	100.00	1.03	59.34	100.00	0.60	58.23			
	HR	100.00	1.38	69.90	100.00	0.60	62.57			
Longitudinal Cracking	PM	500.00	0.46	45.45	500.00	0.29	107.15			
	LR	500.00	0.55	47.42	500.00	0.32	116.81			
	MR	500.00	0.65	48.67	500.00	0.33	118.06			
	HR	500.00	0.75	50.03	500.00	0.38	133.00			
Transverse Cracking	PM	20.00	0.44	114.98	20.00	0.42	70.47			
	LR	20.00	0.50	130.98	20.00	0.54	80.58			
	MR	20.00	0.56	142.26	20.00	0.75	96.06			
	HR	20.00	0.59	146.80	20.00	1.05	98.42			
Patching	PM	100.00	0.34	89.86	100.00	0.88	10.30			
	LR	100.00	0.35	105.32	100.00	1.05	11.84			
	MR	100.00	0.36	125.24	100.00	1.23	13.58			
	HR	100.00	0.39	126.92	100.00	1.40	15.99			
Ride Score	PM	100.00	8.42	5.65	100.00	3.51	9.07			
	LR	100.00	10.24	8.51	100.00	3.90	10.19			
	MR	100.00	12.87	13.97	100.00	5.03	14.33			
	HR	100.00	21.53	18.04	100.00	14.56	19.86			

Calibrated model coefficients for Zone 4-pavement family C

		Low Traffic			Medium Traffic			High Traffic		
Distress Type	**Treatment Type**	**α**	**β**	**A**	**α**	**β**	**A**	**α**	**β**	**A**
Shallow Rutting	PM	100.00	0.42	97.79	100.00	0.39	56.14	Insufficient Data (use Medium Traffic Coefficients)		
	LR	100.00	0.45	100.03	100.00	0.41	63.30			
	MR	100.00	0.50	107.93	100.00	0.44	74.46			
	HR	100.00	0.60	123.21	100.00	0.51	75.50			
Deep Rutting	PM	100.00	0.68	97.50	100.00	0.49	116.13			
	LR	100.00	0.72	98.24	100.00	0.56	132.55			
	MR	100.00	0.79	102.39	100.00	0.63	145.77			
	HR	100.00	0.90	110.55	100.00	0.67	152.57			
Failures	PM	20.00	0.59	70.95	20.00	0.42	100.84			
	LR	20.00	0.67	72.62	20.00	0.83	113.32			
	MR	20.00	0.68	82.87	20.00	1.00	122.16			
	HR	20.00	0.78	86.41	20.00	2.16	126.34			
Block Cracking	PM	100.00	3.39	84.04	100.00	0.33	114.03			
	LR	100.00	3.65	96.43	100.00	0.50	120.85			
	MR	100.00	3.96	110.73	100.00	0.81	136.54			
	HR	100.00	4.34	129.03	100.00	0.90	163.92			
Alligator Cracking	PM	100.00	0.65	55.86	100.00	0.28	111.35			
	LR	100.00	0.68	62.31	100.00	0.32	124.55			
	MR	100.00	0.72	70.46	100.00	0.34	132.67			
	HR	100.00	0.79	81.70	100.00	0.35	159.94			
Longitudinal Cracking	PM	500.00	0.48	82.69	500.00	0.29	72.09			
	LR	500.00	0.57	92.51	500.00	0.33	75.44			
	MR	500.00	0.66	101.42	500.00	0.36	88.61			
	HR	500.00	0.75	107.54	500.00	0.36	99.25			
Transverse Cracking	PM	20.00	5.71	16.32	20.00	1.76	23.96			
	LR	20.00	5.89	18.04	20.00	1.81	24.66			
	MR	20.00	6.75	19.05	20.00	1.85	25.50			
	HR	20.00	7.18	22.38	20.00	1.87	26.34			
Patching	PM	100.00	0.39	71.42	100.00	0.32	40.19			
	LR	100.00	0.46	76.60	100.00	0.37	41.03			
	MR	100.00	1.05	80.33	100.00	0.42	48.60			
	HR	100.00	1.62	80.71	100.00	0.47	56.73			
Ride Score	PM	100.00	15.22	7.08	100.00	11.03	6.69			
	LR	100.00	18.40	9.57	100.00	13.81	9.89			
	MR	100.00	19.49	11.02	100.00	20.72	12.29			
	HR	100.00	33.49	19.17	100.00	34.06	19.63			