

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Ardaman & Associates

Date: 11/4/2020

Typical Section: 17010000

W.P.I. No.:	Name: SR 45 (US 41)	Lanes: 4
Fin. Proj. ID: 441550-1-31-01	From: North of Port Commons	Shoulder Type and Condition: Paved
F.A. Project No.:	To: State College of Florida	Inside:
County: Sarasota	SR No.: 45	Beg MP: 1.324
	End MP: 7.435	Length: 6.111
Overall Pavement Condition (from DMO field review): Poor	Median Curbed (Y/N): Y	Paved
	Lawn	Other:
		Curb & Gutter (Y/N): N

All Cores

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)												TOTAL ASPHALT THICKNESS (IN.)	BASE						STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC9.5	FC5	SP2C	SP1C	FC3	S	T1	S2	T1	RAP	WC		LR	ABC-2	SHEL	RAP	SCEM 300	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	1.330	ML	R1	Y	1.4			1.5			1.0						3.9	14.1											G	Light raveling.
2	1.394	TL/CO	R1	Y	1.0				1.7		0.5						3.2	7.6											F	Raveling.
3	1.434	TL/CO	CO	N	0.9				1.9								2.8	7.5											P	Severe raveling.
4	1.523	ML	R1	Y	0.7				1.1		0.7						2.5	10.7						2.5	C	III	S	P	Cracking (full depth/combination) and severe raveling.	
5	1.652	TL/CO	R1	N	1.1				1.5		0.5						3.1	9.2											F	Raveling.
6	2.036	TL/CO	R1	Y	0.8				1.5		0.9						3.2	6.9											P	Severe raveling.
7	2.042	TL/CO	CO	N	0.9				1.8								2.7	13.2											F	Light raveling. Crossover core, cross slope 0.8 / 2.7.
8	2.317	TL/CO	R1	N	1.1				1.4								2.5	14.6											G	Light raveling.
9	2.357	TL/CO	CO	N		1.2			1.2								2.4	17.5											P	Core taken near NB lane line. Severe raveling and delamination.
10	2.387	ML	R1	Y	0.6				1.1		1.2						2.9	10.5					12.4						F	Bridge approach. Light raveling.
11	2.485	TL/CO	R1	N	0.7				2.2								2.9	10.0											G	Light raveling.
12	2.529	TL/CO	CO	N	0.9				1.2		0.9						3.0	14.0											P	Raveling and drag marks.
13	2.761	TL/CO	R1	N	0.9				2.3								3.2	9.7											F	Raveling.
14	2.782	TL/CO	CO	N	0.6				1.2								1.8	10.1											F	Severe raveling.
15	2.856	ML	R1	Y	0.7				2.2								2.9	11.3						2.9	C	II	M	P	Cracking (longitudinal) and rutting.	
16	3.003	TL/CO	CO	N	1.0				2.5								3.5	11.3											F	Raveling.
17	3.025	TL/CO	R1	Y	1.2				2.7								3.9	9.2						2.0	C	II	M	P	Cracking (longitudinal) and rutting.	
18	3.055	TL/CO	CO	N	0.8				2.7								3.5	11.0											G	Severe raveling.
19	3.199	TL/CO	R1	Y	1.5				2.4								3.9	10.3											F	Hairline cracking (longitudinal).
20	3.213	TL/CO	R1	Y	1.0				2.2								3.2	11.2					14.2						G	Light raveling.
21	3.252	TL/CO	R1	N	1.3				1.4		0.9						3.6	14.1											G	Light raveling.
22	3.262	TL/CO	CO	N	0.7				1.4		0.9						3.0	12.6											G	
23	3.553	TL/CO	R1	N	1.4				1.1		2.0						4.5		10.1										P	Raveling. Coring barrel bottomed out.
24	3.630	TL/CO	CO	N	1.0				1.5		2.0						4.5	9.5						4.5	C	III	M	P	Cracking (full depth/combination).	
25	3.758	TL/CO	R1	N	0.8				1.8								2.6	12.6											G	Light raveling.
26	3.810	TL/CO	CO	N	1.0				1.2								2.2	13.1											F	Large drag area.
27	4.063	TL/CO	R1	N	0.9				1.7		0.5						3.1	10.8						3.1	C	II	M	P	Cracking (full depth/longitudinal).	
28	4.115	TL/CO	CO	N	0.9				1.6		0.8						3.3	13.4											F	Raveling.
29	4.198	TL/CO	R1	N	1.2				1.6		0.8						3.6			9.7									F	Hairline cracking (longitudinal).
30	4.256	TL/CO	CO	N	0.8				2.2		1.3						4.3			14.1			12.1	0.9	C	IB	L	F	Hairline cracking (combination).	
31	4.459	ML	R1	N	0.9				1.3								2.2	15.8						2.2	A	III	S	P	Alligator cracking and rutting. Full depth crack.	

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	Lawn	Other:
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All Cores

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)												TOTAL ASPHALT THICKNESS (IN.)	BASE						STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC9.5	FC5	SP2C	SP1C	FC3	S	T1	S2	T1	RAP	WC		LR	ABC-2	SHEL	RAP	SCEM 300	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
32	4.494	ML	R1	Y	0.7				1.0								1.7						UNKW		1.7	C	III	M	P	Bridge approach. Cracking (full depth/longitudinal).
33	4.564	TL/CO	CO	N	1.2				1.4								2.6			10.5								F	Raveling.	
34	4.851	TL/CO	R1	Y	1.5				1.9								3.4			12.1								G	Light raveling.	
35	4.875	TL/CO	CO	N	0.6				1.5								2.1			13.5					2.1	C	II	L	P	Severe raveling and cracking (full depth/longitudinal) at seam.
36	5.023	TL/CO	R1	Y	1.3				2.0								3.3			12.0								P	Rutting and hairline cracking (longitudinal), Bottom up cracking	
37	5.073	TL/CO	CO	N	1.0				2.0		0.9						3.9			14.3								F	Drag marks and wavy areas.	
38	5.307	TL/CO	R1	N	1.0				2.1		1.3						4.4			3.5					3.4	C	III	M	P	Cracking (longitudinal).
39	5.350	TL/CO	CO	N	1.0				1.7		0.7						3.4			12.2								P	Severe raveling.	
40	5.360	ML	R1	Y	0.7				2.0		0.6						3.3			14.3			8.0	2.7	C	II	M	P	Cracking (longitudinal) and raveling.	
41	5.504	ML	R1	N	0.7				0.9			0.5					2.1					UNKW						F	Bridge approach. Raveling	
42	5.605	ML	R1	N	0.8				1.2			0.8					2.8					UNKW		2.8	C	II	L	P	Bridge approach. Cracking (full depth/longitudinal).	
43	5.777	TL/CO	R1	Y	0.7				1.9								2.6			9.8								F	Raveling.	
44	5.827	TL/CO	CO	N	1.0				1.0								2.0			9.9								F	Raveling. Visible depressed point.	
45	5.959	TL/CO	CO	N		1.0			1.8								2.8			14.7								P	Delamination and raveling.	
46	6.450	ML	R1	Y	1.3				2.9		1.6						5.8			10.6				4.3	C	III	M	P	Cracking (longitudinal) and raveling.	
47	6.589	TL/CO	CO	N	0.9				1.3		1.0						3.2			16.5								P	Severe raveling.	
48	6.821	ML	R1	N	1.1				2.2		4.3	0.8	0.6			0.5	9.5	3.0						3.5	C	II	M	P	Raveling, cracking (longitudinal & transverse) and rutting.	
49	6.945	TL/CO	CO	N		1.5			2.5								4.0			12.0								P	Asphalt patch throughout pavement. Severe raveling.	
50	7.177	ML	R1	Y	0.9				1.7		4.3	0.9	1.4				9.2	11.1				9.5	3.3	C	II	M	P	Raveling, cracking (longitudinal & transverse) and rutting. Bottom-up cracking (missing bottom portion of core).		
51	7.315	TL/CO	R1	Y		1.2			1.4		0.9						3.5			6.6								G	Light raveling.	
52	7.392	TL/CO	L1	N		1.3			2.9								4.2			14.2								G		
53	7.091	ML	L1	Y	1.0				1.2		0.8						3.0			15.1				3.0	A	III	S	P		
54	7.002	TL/CO	L1	Y		1.7			2.9								4.6			14.5								G		
55	6.536	ML	L1	N	1.0				1.3		1.1						3.4			9.6				2.9	C	III	M	P	Cracking (longitudinal).	
56	6.425	ML	L1	Y	1.0				2.3								3.3			10.5				3.3	A	II	M	P	Alligator cracking and raveling. Full depth crack.	
57	6.311	ML	L1	Y	1.1				2.2								3.3			11.8				3.3	A	II	M	P	Alligator cracking and raveling. Full depth crack.	
58	5.680	ML	L1	N	0.5				1.5								2.0					UNKW				IB	L	P	Bridge approach. Crack (hairline/longitudinal) and raveling.	
59	5.539	ML	L1	Y	0.8				0.9								1.7					UNKW		1.7	C	III	L	P	Bridge approach. Crack (full depth/longitudinal) and raveling.	
60	4.944	TL/CO	L1	Y	1.4				2.4								3.8			14.3			11.0					G	Cracking (hairline/longitudinal).	
61	4.607	TL/CO	L1	Y	0.5				0.9								1.4			8.8				1.4	A	III	S	P	Alligator cracking and raveling. Full depth crack.	
62	4.551	ML	L1	Y	0.9				1.6								2.5			11.8				2.5	A	III	S	P	Alligator cracking, raveling and rutting. Full depth crack.	

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All Cores

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					FC5	FC9.5	FC5	SP2C	SP1C	FC3	S	T1	S2	T1	RAP	WC		LR	ABC-2	SHEL	RAP	SCEM 300	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
63	4.524	ML	L1	N	1.0				0.9								1.9						UNKW					P	Bridge approach. Sever raveling.	
64	4.363	ML	L1	Y	0.9				1.1		0.5						2.5			17.5					2.5	A	III	S	P	Severe alligator cracking and raveling. Full depth crack.
65	4.165	TL/CO	L1	Y	1.0				1.5		0.6						3.1	10.0							3.1	C	III	S	P	Cracking (full depth/longitudinal) and raveling.
66	3.682	TL/CO	L1	Y	1.0				1.3		0.7						3.0	14.7										P	Raveling.	
67	3.583	ML	L1	Y	1.0				1.2		4.8	0.7				0.8	8.5	6.2							2.3	C	III	M	P	Cracking (longitudinal & transverse) and raveling.
68	3.308	TL/CO	L1	N	0.9				1.5								2.4	14.3							2.4	C	II	M	P	Cracking (full depth/longitudinal) and raveling.
69	3.054	TL/CO	L1	N	0.7				1.6		9.7						12.0	12.3										P	Raveling.	
70	2.892	TL/CO	L1	N	0.7				1.2		1.8						3.7	13.2				9.9		2.3	C	II	M	P	Cracking (longitudinal) and raveling.	
71	2.774	ML	L1	N	0.8				1.4		5.2	0.5				0.7	8.6	6.2						3.1	C	III	S	P	Cracking (transverse) and raveling.	
72	2.606	TL/CO	L1	Y	0.8				1.6		1.2						3.6	12.9								C	IB	L	F	Cracking (hairline/longitudinal), light raveling and waves.
73	2.454	ML	L1	N	0.3				0.2			0.6					1.1					UNKW						F	Bridge approach. Raveling and rutting.	
74	2.366	ML	L1	Y	0.8				1.7		6.4		1.8	0.5		0.7	11.9	12.7						3.2	C	III	S	P	Large cracks (longitudinal), raveling and rutting.	
75	2.075	TL/CO	L1	N	0.8				1.2								2.0	14.7										F	Hairline combination cracks and raveling.	
76	2.062	TL/CO	L1	N	1.2				7.3								8.5	10.2										G	Rutting.	
77	1.767	TL/CO	L1	N	0.8				1.1								1.9	12.1										G	Light raveling.	
78	1.577	TL/CO	L1	N	1.3				2.9								4.2	11.9										G		
79	1.378	TL/CO	R2	Y	1.0				3.0								4.0	11.0										P	Raveling.	
80	1.397	TL/CO	R2	Y	0.6				1.9								2.5	9.0				13.6						P	Raveling (removed paint area).	
81	1.437	SS	R2	N	0.7				2.5		1.4						4.6	4.5										P	Crossing street. Severe raveling. Pothole present.	
82	1.467	S	OR	N	1.5				1.5								3.0				10.0							G	Light raveling.	
83	1.559	ML	R2	Y	0.7				1.9								2.6	8.5						2.6	A	III	S	P	Alligator cracking and raveling. Full depth crack.	
84	1.605	ML	R2	Y	0.9				1.8								2.7	9.5						0.9	C	III	S	P	Alligator & transverse cracking. Raveling.	
85	1.605	ML	R2	Y	0.9				1.8								2.7	10.0						2.7	C	III	S	P	Alligator & transverse cracking. Raveling. Full depth crack.	
86	1.691	TL/CO	R2	Y	0.9				2.0								2.9	8.1										G	Light raveling.	
87	1.711	SS	R2	Y		1.3			1.1								2.4	6.6										F	Crossing street. Light raveling. Heavy wear.	
88	1.739	ML	R2	N	0.8				1.9								2.7	8.5						2.7	C	III	S	P	Alligator & longitudinal cracking. Raveling. Full depth crack.	
89	1.777	ML	R2	Y	0.9				2.2								3.1	8.0						3.1	C	III	S	P	Longitudinal cracking and light raveling. Full depth crack.	
90	2.014	TL/CO	R2	Y	0.6				2.1								2.7	11.8				7.8		2.7	C	III	S	P	Cracking (longitudinal & transverse). Full depth crack.	
91	2.049	SS	R2	Y		1.5			1.0		4.4						6.9	8.1										G	Crossing street (2.50 ft into street). Smooth finish.	
92	2.061	TL/CO	R2	N		1.5			0.9		0.7						3.1	9.3										G	Smooth finish.	
93	2.073	TL/CO	R2	N	1.1				1.4		1.2						3.7	6.8						3.3	C	II	M	P	Light raveling and cracking (longitudinal).	

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					FC5	FC9.5	FC5	SP2C	SP1C	FC3	S	T1	S2	T1	RAP		WC	LR	ABC-2	SHEL	RAP	SCEM 300		CONC	DEPTH (IN.)	TYPE	CLASS		
94	2.092	SS	R2	N		0.6			0.7							1.3			7.9								G	Driveway (3.20 ft into drive).	
95	2.102	TL/CO	R2	Y	1.2				1.6							2.8			6.5								F	Raveling.	
96	2.135	SS	R2	N		1.4						0.6				2.0			7.2								G	Driveway (3.80 ft into drive).	
97	2.180	SS	R2	N						1.0						1.0			8.5								P	Driveway (3.0 ft into drive). Large patches, delamination, severe raveling and exposed base.	
98	2.337	S	OR	N	1.2				1.3							2.5			4.1								G	Light raveling.	
99	2.448	ML	R2	N	0.7				1.4		1.3					3.4	9.4				UNKW						P	Bridge departure. Severe raveling. Core taken just off slab for sample which resulted in two base types (LR and CONC).	
100	2.466	S	OR	N		1.8										1.8			9.5			10.1					G		
101	2.466	S	OR	N	0.8				1.8					2.7		5.3	9.5										G		
102	2.520	TL/CO	R2	Y	0.9				1.5							2.4	10.8							2.4	C	III	S	P	Cracking (longitudinal/full depth) and raveling.
103	2.542	SS	R2	Y	1.4				1.9							3.3	7.1										G	Crossing street (2.40 ft into street).	
104	2.737	TL/CO	R2	Y	0.8				2.5							3.3	6.1							3.3	C	III	S	P	Cracking (longitudinal/full depth) and raveling.
105	2.774	ML	R2	Y	0.9				2.2							3.1	10.5							2.7	C	III	S	P	Transverse cracking and raveling.
106	2.800	SS	R2	N		1.7			2.4		1.3					5.4	6.6										G	Crossing street (1.20 ft into street).	
107	2.861	TL/CO	R2	N	1.4				1.5		0.9					3.8	9.8										P	Raveling.	
108	2.883	SS	R2	N		1.5			0.6							2.1	9.5										G	Driveway (1.70 ft into drive).	
109	2.954	SS	R2	N		1.4			1.5		0.9					3.8	7.3										G	Driveway (1.50 ft into lot).	
110	2.990	SS	R2	N						1.5						1.5			6.8			8.0					P	Driveway (2.20 ft into drive). Patches and potholes.	
111	3.001	TL/CO	R2	Y	0.7				1.6		0.6					2.9	11.1										F	Raveling.	
112	3.015	SS	R2	N		1.7			1.2							2.9	11.1										G	Crossing street (1.30 ft into street).	
113	3.222	SS	R2	N		1.6			1.6							3.2	7.5										G	Crossing street (1.50 ft into street).	
114	3.237	TL/CO	R2	Y	0.7				1.0		1.1					2.8	9.9										F	Raveling.	
115	3.247	ML	R2	Y	1.1				1.0		0.6					2.7	9.3							2.7	A	III	S	P	Alligator cracking and raveling. Full depth crack.
116	3.270	SS	R2	N		1.6			1.4							3.0	7.1										G	Crossing street (1.50 ft into street).	
117	3.344	S	OR	N	0.7				0.8							1.5			2.0					1.5	C	II	S	F	Raveling. Cracking (full depth/longitudinal).
118	3.474	ML	R2	N	1.0				1.9							2.9	5.5							2.9	C	III	S	P	Crack (longitudinal/full depth) and raveling. Crack in base.
119	3.603	TL/CO	R2	Y	0.9				1.7							2.6	9.6										F	Raveling.	
120	3.628	SS	R2	N	0.9				1.7							2.6	8.5					10.1					F	Crossing street (1.90 ft into street). Raveling.	
121	4.042	ML	R2	N	0.7				1.6		0.7					3.0	6.1							3.0	C	III	S	P	Crack (longitudinal/full depth) and raveling. Crack in base.
122	4.097	TL/CO	R2	N	1.1				1.5		0.8					3.4	7.6										F	Raveling and rutting.	
123	4.113	SS	R2	N		1.5			0.6							2.1	11.2										G	Crossing street (1.90 ft into street). Utility patch.	
124	4.354	ML	R2	Y	1.0				1.5							2.5	8.3							2.4	A	III	S	P	Alligator cracks and raveling. Full depth crack.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Ardaman & Associates

Date: 11/4/2020

Typical Section: 17010000

W.P.I. No.:	Name: SR 45 (US 41)	Lanes: 4
Fin. Proj. ID: 441550-1-31-01	From: North of Port Commons	Shoulder Type and Condition: Paved
F.A. Project No.:	To: State College of Florida	Inside:
County: Sarasota	SR No.: 45	Beg MP: 1.324
	End MP: 7.435	Length: 6.111
Overall Pavement Condition (from DMO field review): Poor	Median Curbed (Y/N): Y	Paved
	Lawn	Other:
		Curb & Gutter (Y/N): N

All Cores

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)											TOTAL ASPHALT THICKNESS (IN.)	BASE						STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC9.5	FC5	SP2C	SP1C	FC3	S	T1	S2	T1	RAP		WC	LR	ABC-2	SHEL	RAP	SCEM 300		CONC	DEPTH (IN.)	TYPE	CLASS		
125	4.369	S	OR	N	0.7				1.2						6.1		8.0	1.0										P	RAP pavement layer broke apart.
126	4.521	ML	R2	N	0.7				0.9			0.5					2.1					UNKW		2.1	C	III	S	P	Bridge departure. Cracking (longitudinal/full depth) and raveling.
127	4.546	TL/CO	R2	Y	0.6						2.3						2.9			5.3							G	Light raveling.	
128	4.562	SS	R2	N	0.9						1.4						2.3			11.7							G	Crossing street (3.10 ft into street).	
129	4.688	SS	R2	N						2.1							2.1			7.6							F	Driveway (0.60 ft into drive). Raveling.	
130	4.841	TL/CO	R2	N	0.5						2.9						3.4			9.8			16.3	3.4	C	II	M	P	Raveling, cracking (longitudinal/full depth) and rutting.
131	4.887	SS	R2	N	1.3						1.5						2.8			12.2							F	Crossing street (2.30 ft into street). Raveling.	
132	5.073	SS	R2	N		1.2									4.5		5.7			11.5							F	Driveway (2.40 ft into drive). Debonding at 2.00 inch.	
133	5.418	S	OR	N	1.0						1.5				5.4		7.9			7.2							G		
134	5.545	ML	R2	Y	1.0				0.8								1.8					UNKW		1.8	C	II	L	P	Bridge departure. Combination cracking and raveling. Full depth crack.
135	5.574	ML	R2	Y	0.7						1.8						2.5			9.0				2.5	A	III	S	P	Alligator cracking, raveling and rutting. Full depth crack.
136	5.682	ML	R2	Y	1.1				1.2			0.6					2.9					UNKW						G	Bridge departure. Light raveling.
137	5.768	ML	R2	Y	0.8				1.7								2.5			6.7				2.5	A	III	S	P	Alligator cracking and raveling. Full depth crack.
138	6.332	S	OR	N	0.7				1.6								2.3				4.8							G	
139	6.345	ML	R2	N	1.0				1.5		3.3		3.7	1.0			10.5	4.0						4.0	C	III	M	P	Cracking (longitudinal) and raveling.
140	6.572	ML	R2	N	0.6				1.7		2.8	0.3	0.7		0.6		6.7			5.3			11.7	2.0	C	II	M	P	Cracking (longitudinal), raveling and rutting. Debonding at 2.00 inch.
141	6.904	TL/CO	R2	N		1.8			3.5								5.3			10.8								G	Light raveling.
142	6.945	SS	R2	N		2.0			6.2								8.2			9.9								G	Crossing street (0.40 ft into street).
143	7.104	S	OR	N	1.0						1.4						2.4				5.5							G	
144	7.309	TL/CO	R2	N		1.3			2.8								4.1			11.9								G	
145	7.344	SS	R2	N		1.3			2.7								4.0			15.2								G	Crossing street (0.20 ft into street).
146	7.360	ML	R2	Y	0.8				1.1		4.8	0.9	0.8		0.6		9.0	6.1						1.0	C	II	S	P	Cracking (longitudinal & transverse), bottom up cracking, raveling
147	7.369	TL/CO	L2	Y	0.9				1.7								2.6			11.0				2.6	C	II	L	P	Cracking (combination/full depth) and raveling.
148	7.315	SS	L2	N	1.1				1.5								2.6			13.9								P	Crossing street. Raveling.
149	7.298	ML	L2	Y	1.1				1.1		1.0						3.2			9.4				3.2		II	M	P	Alligator cracking and longitudinal cracking (full depth crack).
150	7.088	S	OL	N	0.6						1.6				3.5		5.7			5.6			17.5	5.7	C	II	M	F	Full depth crack.
151	7.008	ML	L2	Y	0.9				1.3		0.8						3.0			10.4				3.0	A	III	M	P	Alligator cracking and raveling. Full depth crack.
152	6.432	ML	L2	Y	0.7				1.2		0.9						2.8			13.3				2.8	A	III	S	P	Alligator cracking and raveling. Full depth crack.
153	6.352	SS	L2	N		1.5			1.0		3.0				5.5		11.0			8.5								G	Driveway (1.30 ft into drive). Debonding at 6.00 inch.
154	6.335	S	OL	N	1.1						2.1						3.2				5.4							G	Light raveling.
155	6.312	ML	L2	Y	0.6				1.7								2.3			12.7				2.3	A	III	S	P	Alligator cracking and raveling. Full depth crack.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Ardaman & Associates

Date: 11/4/2020

Typical Section: 17010000

W.P.I. No.:	Name: SR 45 (US 41)	Lanes: 4
Fin. Proj. ID: 441550-1-31-01	From: North of Port Commons	Shoulder Type and Condition: Paved
F.A. Project No.:	To: State College of Florida	Inside:
County: Sarasota	SR No.: 45	Outside:
Overall Pavement Condition (from DMO field review): Poor	Median Curbed (Y/N): Y	Paved Lawn Other: Curb & Gutter (Y/N): N
	Beg MP: 1.324	End MP: 7.435
	Length: 6.111	

All Cores																														
CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)												TOTAL ASPHALT THICKNESS (IN.)	BASE						STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC9.5	FC5	SP2C	SP1C	FC3	S	T1	S2	T1	RAP	WC		LR	ABC-2	SHEL	RAP	SCEM 300	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
156	6.304	ML	L2	N	0.8				1.0		0.6						2.4			9.6							G	Light raveling.		
157	5.890	TL/CO	L2	N	0.7				1.9		5.7						8.3			11.0							F	Raveling and waves.		
158	5.858	ML	L2	Y				0.8		2.5							3.3			11.6							P	Patched area.		
159	5.830	SS	L2	N	0.9				1.0								1.9			10.7							F	Crossing street (3.70 ft into street). Raveling.		
160	5.702	SS	L2	N					0.8	1.9							2.7			13.6			9.8				F	Driveway (5.20 ft into drive). Raveling.		
161	5.607	ML	L2	Y	0.9				1.1								2.0						UNKW				P	Bridge departure. Longitudinal cracking and raveling.		
162	5.505	ML	L2	N	1.2				1.2			0.4					2.8						UNKW				P	Bridge departure. Raveling.		
163	5.396	S	OL	N	1.1				1.9								3.0			4.5							G			
164	5.356	SS	L2	N		1.2						1.5					2.7			14.2							F	Crossing street (1.70 ft into street). Raveling.		
165	5.138	TL/CO	L2	Y	1.0				1.2		2.5						4.7		5.4					3.1	C	III	M	P	Cracking (longitudinal), raveling and rutting.	
166	5.085	SS	L2	N	1.6						3.8						5.4			7.6							F	Crossing street (1.60 ft into street). Raveling.		
167	5.030	ML	L2	N		1.3					1.0						2.3			9.5							G	Light raveling.		
168	4.924	TL/CO	L2	N	0.5						1.3	0.8					2.6			7.9							P	Patched area.		
169	4.891	SS	L2	N	0.8						2.5						3.3			13.7							F	Crossing street (0.60 ft into street). Raveling.		
170	4.560	ML	L2	Y	0.8						1.0						1.8			11.4			14.9	1.8	A	III	S	P	Alligator cracking and raveling. Full depth crack.	
171	4.498	ML	L2	N	0.7						0.5	0.6					1.8						UNKW				P	Bridge departure. Raveling.		
172	4.477	TL/CO	L2	Y	0.7				2.6		8.0						11.3			5.1				3.4	C	III	S	P	Patched area and longitudinal cracking.	
173	4.442	SS	L2	N	0.7				1.4		1.9						4.0			12.4							F	Crossing street (0.20 ft into street). Raveling.		
174	4.397	S	OL	N	1.2				1.5								2.7			5.8							G			
175	4.361	ML	L2	Y	0.8				1.4								2.2			12.6				2.2	A	III	S	P	Severe alligator cracking, raveling and rutting. Full depth crack.	
176	4.331	TL/CO	L2	N	0.7				1.5		2.0						4.2		5.3					0.6	C	II	M	P	Cracking (longitudinal) and raveling.	
177	4.265	SS	L2	N		1.3					1.5						2.8			10.2							F	Crossing street (0.60 ft into street). Raveling. Debonding at 1.50 inch.		
178	4.166	TL/CO	L2	Y	0.8				1.5		0.6				1.9		4.8			8.5				2.0	C	III	M	F	Raveling and combination cracking.	
179	4.139	SS	L2	N						0.6	1.7						2.3			9.9							F	Crossing street (0.60 ft into street). Raveling.		
180	3.975	SS	L2	N		1.3			1.9								3.2			15.2			6.0				G	Driveway (0.30 ft into drive).		
181	3.883	TL/CO	L2	N	0.5						2.6						3.1			8.9				3.1	C	III	S	P	Longitudinal cracking and raveling. Full depth crack.	
182	3.823	SS	L2	N						0.8	0.8						1.6			9.0				1.6	C	II	L	P	Crossing street (1.90 ft into street). Raveling and full depth cracking (combination).	
183	3.708	SS	L2	N						1.0	1.3						2.3	8.4									F	Driveway (0.50 ft into drive). Raveling.		
184	3.685	TL/CO	L2	Y	0.6				5.2		7.1						12.9	7.0									F	Raveling.		
185	3.632	SS	L2	N	0.8				2.3		10.6						13.7	4.7						3.2	C	II	M	P	Crossing street (0.60 ft into street). Raveling and longitudinal cracking.	
186	3.586	ML	L2	N	1.0						3.0		1.0	0.8	0.7		6.5	6.1						6.5	C	III	S	P	Transverse cracking and raveling. Full depth crack.	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
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Typical Section: 17010000

W.P.I. No.:	Name: SR 45 (US 41)	Lanes: 4
Fin. Proj. ID: 441550-1-31-01	From: North of Port Commons	Shoulder Type and Condition: Paved
F.A. Project No.:	To: State College of Florida	Inside:
County: Sarasota	SR No.: 45	Beg MP: 1.324
	End MP: 7.435	Length: 6.111
Overall Pavement Condition (from DMO field review): Poor	Median Curbed (Y/N): Y	Paved
	Lawn	Other:
		Curb & Gutter (Y/N): N

All Cores

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)												TOTAL ASPHALT THICKNESS (IN.)	BASE						STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC9.5	FC5	SP2C	SP1C	FC3	S	T1	S2	T1	RAP	WC		LR	ABC-2	SHEL	RAP	SCEM 300	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
AVERAGE					0.92	1.42	0.30	1.50	1.70	1.11	2.17	0.81	1.43	1.05	4.09	0.68	3.86	9.81	7.97	10.78	5.11	4.20		11.10	2.69					
MAX					1.60	2.00	0.30	1.50	7.30	2.10	10.60	1.90	3.70	1.90	6.10	0.80	13.70	17.50	12.00	17.50	10.00	4.20		17.50	6.50					
MIN					0.30	0.60	0.30	1.50	0.20	0.60	0.50	0.30	0.60	0.50	1.90	0.50	1.00	1.00	3.50	5.10	2.00	4.20		6.00	0.60					
LAYER COEF.					0.00	0.15	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.00		0.18	0.12	0.18	UNKW	0.15	UNKW	0.08						

Notes:

1. The data presented on this table is specific only at the locations cored at the time of the investigation. Should questions arise regarding the pavement composition, it is incumbent upon those raising the question to perform additional exploration as necessary.
2. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).
3. Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
4. The cross slope is measured in the center of the lane.
5. A blank cell indicates measurement was not recorded.

Lane Designations	Crack Type	Crack Rating	Extent	Pavement Condition	Lane Type
OL - Outside Left Shoulder	A - Alligator	Class IB - Hairline cracks that are ≤ 1/8 inch wide	L - Light	G - Good	S - Shoulder
L1 - 1st Lane Left of Centerline	B - Block	Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	M - Moderate	F - Fair	SS - Side Street
OR - Outside Right Shoulder	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor	
R1 - 1st Lane Right of Centerline					