

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

Cored By: RCS

Coring Completion Date: 6/3/2022

Typical Section: \_\_\_\_\_

W.P.I. No.:				Name: SR 45 (US 41)				Lanes: 4					
Fin. Proj. ID: 449100-1				From: E of Preto Blvd				Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID: 17010000		To: Woodmere Road				Inside: None					
County: Sarasota		SR No.: 45		Beg MP: 7.850		End MP: 12.701		Length: 4.851		Outside: Paved, in fair condition			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): N		Paved		Lawn: X		Other:		Curb & Gutter (Y/N): Y	

**All Cores**

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)											TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC3	FC5	FC9.5	FC12.5	SP9.5	S	S2	T1	S2	WC	BIND		LR	ABC-2	SHEL	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT			
1	12.690	ML	L2	N		1.2			1.4	0.8						3.4	11.0								F	Raveling		
2	12.430	SS	L1	N			0.8				2.5					3.3	10.9						3.3	C	III	M	P	Annex Road, South of ML
3	12.315	TL	LR	N		1.1			1.4	0.9						3.4	11.1									F	LRTL to Jacaranda Blvd.	
4	12.283	SS	RR	N			1.0			2.5						3.5		8.0								F	Jacaranda Blvd. - RRTL (1st), North of ML	
5	12.162	ML	L2	Y		1.0			1.5	1.1						3.6			10.9		12.0	2.5	C	III	S	P	Requested core #12	
6	12.162	SS	RR	N		1.2			1.0	1.5						3.7		6.5								F	Raveling, Walmart Ent. - RRTL (1st), North of ML	
7	12.101	TL	LR	N		1.9			2.6							4.5			9.6							F	LRTL to Books-A-Million	
8	12.074	SS	L1	N		1.5			1.9							3.4		1.8				1.5	C	III	M	P	Books-A-Million - No Base, South of ML	
9	12.040	S	OL	N		1.3			1.7							3.0				5.3						F		
10	11.906	SS	RR	N		1.1			1.5	1.9						4.5			9.3							F	Jacaranda Cross Ent. - RRTL (1st), South of ML	
11	11.725	TL	LR	N		0.7			2.2							2.9	9.9									F	LRTL To Woodmere Park Blvd.	
12	11.666	SS	L1	Y		0.7			3.2							3.9			13.8			0.7	C	IB	L	F	Woodmere Park Blvd., South of ML	
13	11.321	ML	L2	Y		1.0			1.3							2.3			12.2		12.0	2.3	A	III	S	P		
14	11.321	S	OL	N		1.0			1.5							2.5				5.7						F		
15	11.180	ML	L2	Y		1.0			1.0	0.9						2.9			11.3			2.9	A	III	M	P	Requested core #13	
16	11.060	SS	L1	Y		0.9			2.8							3.7		9.1								F	Venice E Blvd., South of ML	
17	10.426	TL	LR	N		0.7			3.1							3.8		8.0								F	LRTL - National Blvd.	
18	10.380	SS	L1	N			1.2		1.2	0.6						3.0		10.6								F	National Blvd., South of ML	
19	10.119	ML	L2	Y		0.8			1.7		1.0					3.5			10.9			2.3	C	III	M	F		
20	10.119	S	OL	N		1.5			2.0							3.5				4.5						F		
21	9.878	SS	L1	N		1.3			1.2							2.5			9.3							F	Taylor Ranch Trail, South of ML	
22	9.790	TL	LR	N		0.5			1.5	1.4						3.4			8.9							F	LRTL to New Life Church, raveling	
23	9.790	S	OL	N		1.2			1.3							2.5			7.9	4.3						F		
24	9.741	ML	L2	Y		0.9			1.6	0.9						3.4			11.4							F		
25	9.741	TL	LR	Y		1.0			2.1	0.9						4.0			10.6			4.0	C	III	M	P		
26	9.580	TL	LR	Y		1.2			1.5							2.7				5.1						P	LRTL to New Life Church, raveling	
27	9.324	ML	L2	Y		1.0			1.4		0.9					3.3			11.9		12.0					F		
28	9.324	S	OL	N		0.7			3.4							4.1				5.9		4.1	C	III	S	F		
29	8.981	TL	LR	N		1.1			2.6							3.7			10.8							F	LRTL- to Corradino Blvd.	
30	8.945	SS	L1	Y		1.7			3.9							5.6	9.7									F	Corradino Blvd., South of ML	

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County: Sarasota		SR No.: 45		Beg MP: 7.850		End MP: 12.701		Length: 4.851		Outside: Paved, in fair condition			
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**All Cores**

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)											TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC3	FC5	FC9.5	FC12.5	SP9.5	S	S2	T1	S2	WC	BIND		LR	ABC-2	SHEL	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT		
31	8.553	TL	LR	Y			1.2		2.8							4.0	11.6									F	LRTL to Preto Blvd.
32	8.271	ML	L2	Y		1.0			1.1	0.8						2.9			11.3							F	
33	8.271	S	OL	N		1.3			1.7							3.0				2.4						F	
34	7.884	ML	L2	Y		0.6				2.1						2.7			10.6			2.7	A	III	S	P	Requested core #14, severe raveling
35	7.865	ML	R2	Y		0.9				1.4		2.8				5.1	9.4				12.0	5.1	C	III	S	P	Requested core #3
36	8.191	ML	R2	Y		0.8			1.3	1.3		2.0		0.8		6.2	11.1									F	
37	8.191	S	OR	N		0.9			1.7							2.6				5.3						F	
38	8.902	TL	RR	Y		0.9			3.2							4.1			10.6							F	RRTL to Galleria Blvd.
39	8.934	SS	R1	Y		0.4			10.0							10.4			3.4							F	Galleria Blvd., North of ML
40	9.161	ML	R2	N		0.9			2.0		2.4			0.5		5.8	10.7					0.9	C	III	L	F	
41	9.161	S	OR	N		1.2			2.3							3.5				5.5						F	RAP base disintegrated in field.
42	9.324	ML	R2	Y		0.7			2.2		2.1			0.6		5.6	10.7					3.5	C	III	S	P	Requested core #4, LWP Crack
43	9.613	SS	R1	N		0.5			2.0	1.4						3.9			13.6							F	Welney Dr., North of ML
44	9.819	TL	RR	N		0.8			4.1							4.9		10.1				4.0	C	III	M	P	RRTL to Rocky Blvd.
45	10.119	ML	R2	Y		1.0			2.0			2.1		0.6		5.7	11.4				12.0	5.7	C	II	M	P	
46	10.119	S	OR	N		1.4			2.1							3.5				4.5						F	
47	10.640	TL	RR	N		0.8			1.4							2.2			11.9			2.2	C	III	M	P	RRTL to Timberline, core on joint, right (north) side shell base.
48	10.659	SS	R1	N		1.1			1.1			1.3				3.5			11.0			1.1	C	IB	L	F	Timberline Blvd., North of ML
49	10.840	ML	R2	Y		1.2			1.9	1.1		0.7	1.3	0.5		6.7	8.7									F	Bottom up Crack
50	10.840	S	OR	N		1.3			1.7							3.0				4.4						F	
51	11.047	SS	R2	N		1.5			1.5	0.9						3.9			10.1							F	Venice E Blvd., North of ML
52	11.310	ML	R2	Y		0.7			2.0	0.8		0.7	1.0	0.5		5.7	9.5				12.0	2.9	C	III	S	P	
53	11.310	S	OR	N		1.4			2.1							3.5				4.5						F	RAP base disintegrated in field.
54	11.573	TL	RR	Y		0.9			3.0							3.9		5.0				3.9	C	III	S	P	RRTL to Woodmere Park Blvd.
55	11.665	SS	R2	N		0.5			2.7							3.2		5.8								F	Woodmere Park Blvd., North of ML
56	11.867	TL	RR	N		0.9			2.6							3.5		6.1				3.5	C	III	S	P	Requested core #5 RRTL to Jacaranda Blvd.
57	11.907	SS	R2	Y		0.7			2.8							3.5		4.9								P	Jacaranda Blvd., North of ML
58	11.938	TL	RR	Y		0.5			2.8							3.3		10.4				3.3	C	III	S	P	Requested core #6, RRTL to Publix
59	11.963	TL	RR	N		0.7			1.3							2.0		11.4				2.0	C	III	S	P	RRTL to Publix Parking

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Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N	Paved	Lawn: X	Other:
				Curb & Gutter (Y/N): Y	

**All Cores**

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)											TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC3	FC5	FC9.5	FC12.5	SP9.5	S	S2	T1	S2	WC	BIND		LR	ABC-2	SHEL	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT		
60	12.044	ML	R2	Y		0.7			1.5	0.6						2.8			11.0					F			
61	12.044	S	OR	N		0.8			1.4							2.2				4.8					F		
62	12.247	TL	RR	N		0.9			2.6							3.5		7.6				0.1	C	II	M	P	RRTL to Jacaranda Blvd.
63	12.283	SS	R2	N				1.4	1.3							2.7			10.7			2.7	C	III	S	P	Jacaranda Blvd., North of ML
64	12.400	TL	RR	Y		0.5				3.0						3.5		9.3							F	RRTL to Point Plaza Blvd.	
65	12.510	SS	R1	Y				1.3								1.3			5.7			1.3	C	III	S	P	Auburn Rd., North of ML
66	12.578	SS	R1	Y	0.8					1.0					1.4	3.2	9.9					3.2	C	II	S	P	Seaboard Ave., North of ML
67	12.646	ML	R2	N		1.1			1.4						1.0	3.5	10.9			12.0					F		
68	12.683	SS	R1	Y	1.2					0.8					1.8	3.8	10.2					3.8	C	III	S	P	Woodmere Rd., North of ML
69	12.695	ML	L1	N		0.7			1.7	1.1						3.5	10.2								P	Raveling	
70	12.661	ML	L1	Y		1.1			1.0	1.6						3.7	10.2					3.7	C	III	S	P	Requested core # 9, RWP
71	12.595	TL	LR	N		0.9			1.5	0.9						3.3	12.2								F	LRTL to Seaboard Ave., raveling	
72	12.516	CO	CO	N		1.2			1.3	1.8						4.3	10.2								F		
73	12.424	CO	CO	N		0.8			1.4	1.4						3.6	10.0								F		
74	12.326	TL	LL	N		0.7			1.3	1.0						3.0			11.1						F	LLTL-2 to Jacaranda Blvd., raveling	
75	12.183	ML	L1	N		1.1			1.4	0.9						3.4			10.9	12.0	2.9	C	III	S	P	Requested core # 7, raveling	
76	11.957	TL	LL	Y		0.5			2.5							3.0		5.6							P	LLTL to Jacaranda Commerical stores	
77	11.688	TL	LL	Y		0.9			1.7	2.3						4.9		4.6							F	LLTL to Woodmere Park Blvd.	
78	11.440	ML	L1	N		0.9			1.5	1.4						3.8			11.3						F		
79	11.316	CO	CO	N		0.9			2.0	1.6						4.5			11.9						F	Raveling	
80	11.098	TL	LL	N				1.0	3.0							4.0		8.9							F	LLTL to Venice E Blvd.	
81	10.712	TL	LL	N		1.0			1.2	0.9						3.1			11.4						F	LLTL to Timberline Rd.	
82	10.458	ML	L1	N		0.9			1.4	1.5						3.8			12.1	12.0	0.9	C	IB	L	F		
83	9.901	TL	LL	N		1.1			1.9							3.0		6.9							F	LLTL-1 to Rocky Blvd.	
84	9.098	ML	L1	Y		0.9			1.4	1.2						3.5			11.2			2.6	C	III	M	P	
85	9.609	ML	L1	N		1.0			1.3	1.2						3.5			11.0			1.0	C	IB	L	F	
86	9.324	CO	CO	N		1.0			1.0	1.3						3.3			11.2						F	Raveling	
87	9.025	TL	LL	N		0.9			2.8							3.7			9.9						F	LLTL to Galleria Blvd.	
88	8.076	ML	L1	N		0.8			1.5	0.9						3.2			10.8			1.5	C	II	L	F	

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					FC3	FC5	FC9.5	FC12.5	SP9.5	S	S2	T1	S2	WC	BIND		LR	ABC-2	SHEL	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT		
89	8.017	CO	CO	N		1.4			1.5	1.4						4.3			11.1					P	Raveling		
90	7.896	ML	L1	N		1.0			1.4	1.0						3.4			10.3			1.0	C	IB	L	F	
91	7.886	ML	R1	Y		0.7			1.9	5.0		1.0	0.7	0.5		9.8	6.5					3.3	C	III	L	P	
92	9.523	ML	R1	N		1.2			1.4	3.9		0.7	0.7	0.5		8.4	6.7					3.6	C	IB	L	P	
93	9.743	ML	R1	Y		1.0			1.3	2.7		1.3	0.7	0.4		7.4	10.5					7.4	C	III	M	P	Requested core #1
94	9.819	TL	RL	Y		1.1			1.4	1.6						4.1			10.6			0.1	C	IB	L	F	RLTL to Taylor Ranch Trail
95	9.997	ML	R1	Y		1.0			1.6	4.4		1.3	0.6	0.6		9.5	5.9			12.0		3.0	C	III	M	P	
96	11.211	ML	R1	Y		1.0			1.5	3.2		1.2	0.6	0.5		8.0	6.2					3.2	C	III	M	P	Requested core #2
97	11.476	ML	R1	N		1.0			1.4	4.9		0.8	0.7	0.5		9.3	5.7									F	
98	11.871	TL	RL	N		0.9			1.5	1.1						3.5			10.8							F	RLTL to Jacaranda Cross Ent.
99	12.069	ML	R1	N		1.0			1.5	1.0						3.5			10.9							F	
100	12.261	TL	RL	N		0.8			1.8	0.7						3.3			11.5							F	RLTL-2 to Jacaranda Blvd.
101	12.688	TL	RL	N			1.1		0.9	2.1						4.1	11.0									F	RLTL to Woodmere Park Blvd.

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					FC3	FC5	FC9.5	FC12.5	SP9.5	S	S2	T1	S2	WC	BIND		LR	ABC-2	SHEL	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT		
<b>AVERAGE</b>					1.00	0.97	1.13		1.92	1.59	1.78		0.79	0.54	1.40	3.99	9.71	7.40	10.64	4.78	12.00	2.74					
<b>MAX</b>					1.20	1.90	1.40		10.00	5.00	2.50		1.30	0.80	1.80	10.40	12.20	11.40	13.80	5.90	12.00	7.40					
<b>MIN</b>					0.80	0.40	0.80		0.90	0.60	0.90		0.60	0.40	1.00	1.30	5.70	1.80	3.40	2.40	12.00	0.10					
<b>LAYER COEF.</b>					0.17	0.00	0.25	0.25	0.25	0.25	0.25		0.25	UNKW	0.20		0.18	0.16	0.18	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) or a GPS unit.
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 approximate and measured in the center of the lane.
5. A blank cell indicates measurement was not recorded.
6. A value of "UNK" indicates material was encountered but the total thickness was not determined.

<u>Lane Designations - Decreasing MP</u>	<u>Lane Designations - Increasing MP</u>	<u>Lane Type</u>	<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	A - Alligator	Class IB - Hairline cracks that are ≤ 1/8 inch wide	L - Light	G - Good
L1 - 1st Lane Left of Centerline	R1 - 1st Lane Right of Centerline	TL - Turn Lane	B - Block	Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	M - Moderate	F - Fair
LL/LR - Left/Right Turn Lane	RL/RR - Left/Right Turn Lane	CO - Crossover	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				