

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

Cored By: TEST LAB, INC.

Coring Completion Date: 10/16/2025

Typical Section:

W.P.I. No.:		Name:	SR 45 (US 41/US 41 B)				Lanes:	4 Lane Urban Principal Arterial Roadway							
Fin. Proj. ID:	451010-1	From:	N of 14th St.				Shoulder Type and Condition:								
F.A. Project No.:		Roadway ID:	17020000				To:	S of Dr. MLK Jr. Way							
County:	SARASOTA	SR No.:	45				Beg MP:	19.669	End MP:	20.250	Length:	0.581	Inside:	None	
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	Y	Paved	Lawn: N	Other:				Curb & Gutter (Y/N):	Y	

Mainline and Bridge Cores (ML/BR)

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
					FC12.5	FC9.5	SP12.5	SP9.5	S	BIND						ABC-2	LR		SHEL	CONC	DEPTH (IN.)	TYPE		
4	19.745	ML	L1	Y		1.1		1.0	2.0				4.1		18.9							F		
8	19.794	ML	L1	Y	1.3			1.0		0.7			3.0		13.5				3.0	A	III	S	P	
16	19.925	ML	L1	Y	1.4			1.2		1.4			4.0		10.0				4.0	A	III	L	F	Base crack.
29	20.026	ML	L1	N	1.4			2.1					3.5		9.0				3.5	A	II	L	F	Possible widening.
43	20.080	ML	L1	Y		1.0		1.8		0.9			3.7		12.3				3.7	B	III	S	F	Base crack.
35	20.135	ML	L1	Y	1.3			1.6		0.8			3.7		9.8				3.7	C	II	M	F	Base crack.
38	20.189	ML	L1	Y	1.6			5.1	3.6				10.3			6.7		6.0	3.6	C	III	M	F	
1	19.675	ML	L2	Y	1.5		4.2						5.7		19.3								F	
6	19.773	ML	L2	Y	1.5			1.5	2.0				5.0			13.0		4.5	2.9	A	II	S	F	
12	19.868	ML	L2	Y	1.5			1.5					3.0	7.0					2.7	C	II	M	F	
26	19.982	ML	L2	Y	1.4			1.7		0.9			4.0		11.5				4.0	C	III	S	P	Base crack.
32	20.093	ML	L2	Y	1.5			8.0					9.5			14.5			3.2	A	III	M	F	
39	20.218	ML	L2	Y	1.5			3.2					4.7	6.0					3.1	B	II	L	F	
18	19.952	BR	R2	Y	1.4			2.0					3.4				UNK		2.2	B	III	L	F	
19	19.952	BR	L2	Y	1.3			1.2		1.4			3.9		12.1				3.9	B	II	S	F	Base crack.
20	19.956	BR	R1	Y	1.5			1.9					3.4				UNK		3.4	A	III	M	F	Possible paved gutter.
21	19.959	BR	L1	Y	1.5			1.0		1.3			3.8				UNK		3.8	A	II	L	F	
22	19.964	BR	R2	Y		0.8		0.7					1.5				UNK		1.5	B	II	L	F	Measured core delivered. Base fell apart. SP9.5 fell apart.
23	19.966	BR	L2	Y		1.0		0.9					1.9				UNK		1.9	A	III	L	F	
24	19.970	BR	R1	Y		1.1		1.1		1.5			3.7				UNK		3.7	B	IB	M	F	
25	19.971	BR	L1	Y		0.8		0.7					1.5				UNK		1.5	B	IB	S	F	Measured core delivered. SP9.5 fell apart.
3	19.714	ML	R1	Y		1.2			1.3	0.6			3.1		9.7								F	
10	19.824	ML	R1	Y	1.7			1.2					2.9		9.9		5.8		2.9	B	III	L	F	Base crack.
13	19.881	ML	R1	Y	1.6			2.2					3.8		8.7				3.8	B	III	S	P	Possible joint/widening crack.
17	19.931	ML	R1	Y	1.3			1.0		0.8			3.1		11.9				3.1	B	III	M	F	Base crack.
31	20.058	ML	R1	Y	1.3			1.2		0.8			3.3		10.7				3.3	B	III	M	P	Base crack.
36	20.158	ML	R1	Y	1.4			1.4		1.2			4.0		11.0								P	Bottom-up crack.
44	20.192	ML	R1	Y		1.5		1.4		0.6			3.5		14.5				3.5	A	III	M	P	Base crack.
7	19.776	ML	R2	Y	1.5			1.3		0.7			3.5		13.0				3.5	C	III	M	F	Base crack.

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

Mainline and Bridge Cores (ML/BR)

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
					FC12.5	FC9.5	SP12.5	SP9.5	S	BIND						ABC-2	LR	SHEL	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
11	19.842	ML	R2	Y	1.4			3.1							4.5	6.6					4.2	B	III	L	F	
14	19.902	ML	R2	Y	1.5			1.9							3.4		6.4			13.3	3.4	C	II	S	P	
28	20.005	ML	R2	Y	1.5			1.5		1.7					4.7		14.8				4.7	C	III	S	P	Base crack.
34	20.120	ML	R2	N	1.7			1.3							3.0		13.5				3.0	A	III	M	F	Base crack.
41	20.245	ML	R2	Y		1.2		1.5		1.5					4.2		12.3				4.2	C	III	M	P	Base crack.
AVERAGE					1.46	1.08	4.20	1.82	2.23	1.05					3.95	6.53	12.03	11.40		7.38	3.30					
MAX					1.70	1.50	4.20	8.00	3.60	1.70					10.30	7.00	19.30	14.50		13.25	4.70					
MIN					1.30	0.80	4.20	0.70	1.30	0.60					1.50	6.00	6.35	6.70		4.50	1.50					
LAYER COEF.					0.25	0.25	0.25	0.25	0.25	0.20						0.16	0.18	0.18	0.20		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				

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F.A. Project No.:		Roadway ID:	17020000			Inside:	None
County:	SARASOTA	SR No.:	45			Outside:	None
Overall Pavement Condition (from DMO field review):		Fair	Median Curbed (Y/N):	Y	Paved	Lawn: N	Other:
						Curb & Gutter (Y/N):	Y

Turn Lanes and Shoulder Cores (TL/S)																											
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	
					FC12.5	FC9.5	SP12.5	SP9.5	S	BIND						ABC-2	LR	SHEL	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT			
15	19.911	TL	LL	Y	0.8										2.3		10.7				15.0					F	
2	19.693	TL	RL	Y	1.8		4.1								5.9	10.2										F	
5	19.755	TL	RL	Y	1.4		6.4								7.8			5.7								F	CONC under SHEL.
9	19.811	TL	RL	Y	2.0		1.0								3.0	5.2										F	
27	19.995	TL	RL	Y	1.3			1.3		1.2					3.8		12.2					3.8	C	III	M	P	Base crack.
30	20.045	TL	RL	N	1.6			1.0		1.6					4.2		11.3				14.5	3.5	C	III	S	F	
33	20.107	TL	RL	N	1.5			0.4		1.1					3.0		11.0									F	
37	20.174	TL	RL	Y	1.3			1.2		0.7					3.2		13.8									F	
40	20.237	TL	RL	N		1.1									1.1	1.9										F	
42	19.699	S	OL	N				3.0		1.1					4.1		9.7									F	
AVERAGE					1.46	1.10	3.83	1.38		1.20					3.84	5.77	11.44	5.70		14.75	3.65						
MAX					2.00	1.10	6.40	3.00		1.60					7.80	10.20	13.80	5.70		15.00	3.80						
MIN					0.80	1.10	1.00	0.40		0.70					1.10	1.90	9.65	5.70		14.50	3.50						
LAYER COEF.					0.25	0.25	0.25	0.25	0.25	0.20						0.16	0.18	0.18	0.20		0.08						

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