

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

Cored By: Intertek- PSI

Coring Completion Date: 1/4/2024

Typical Section: 1

W.P.I. No.: _____				Name: SR 45				Lanes: 4 to 6					
Fin. Proj. ID: 451011-1				From: North of Myrtle St				Shoulder Type and Condition: Paved					
F.A. Project No.: _____		Roadway ID: 17020000		To: Edwards Dr				Inside: N					
County: Sarasota		SR No.: 45		Beg MP: 20.903		End MP: 22.390		Length: 1.487		Outside: N			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn		Other: _____		Curb & Gutter (Y/N): Y	

Mainline Cores (ML)

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
					FC4	T3	S2	BIND								LR		ABC-2		DEPTH (IN.)	TYPE		
1	20.908	ML	R1	Y	1.4	1.2		1.2					3.8	8.0			12.0	3.8	B	II	S	P	
2	20.922	ML	R2	Y	1.6	1.2		1.1					3.9	10.0				3.9	A	III	S	P	
3	20.968	ML	R1	Y	1.7	1.4		1.1					4.2	8.0				4.2	A	II	S	P	
4	20.987	ML	R2	N	1.6	1.4							3.0	6.0				3.0	B	III	S	P	Refusal in Base
8	21.190	ML	R1	N	1.1	1.9							3.0	9.0				3.0	B	III	M	P	
9	21.297	ML	R2	N	2.1	1.4							3.5	9.0								F	
10	21.361	ML	R2	Y	1.7	1.3		1.3					4.3	8.0				4.3	A	III	S	P	
13	21.524	ML	R1	Y	1.5	1.3		0.6					3.4	9.0				3.4	C	III	M	P	
14	21.600	ML	R2	Y	1.6	1.5		0.9					4.0	8.0				2.9	C	III	S	P	
15	21.670	ML	R1	N	1.8	1.7							3.5	8.0				3.5	B	III	M	P	
16	21.740	ML	R2	Y	1.5	1.3		0.9					3.7	8.0				2.5	C	II	S	P	
18	21.911	ML	R1	Y	1.5	1.0		0.9					3.4	8.0								P	
19	22.019	ML	R2	N	1.5	1.6		0.9					4.0	8.0								F	
20	22.106	ML	R2	N	0.9	1.6	1.7	1.3					5.5	8.0				5.5	B	III	M	F	
22	22.195	ML	R2	N	1.4	3.4	2.5	1.4					8.7	8.0								F	New asphalt
23	22.248	ML	R1	Y	1.0	1.3		1.7					4.0	8.0				4.0	B	III	M	F	
24	22.328	ML	R3	N	1.4	2.8							4.2		7.3			4.2	B	III	M	P	Base Crack, uneven pavement surface
25	22.373	ML	R3	N	1.2	3.1							4.3		8.3		12.0	3.5	B	III	M	P	Uneven Pavement Surface
26	22.385	ML	L1	Y	1.0	2.8		1.3					5.1	8.0				2.6	B	II	L	F	
27	22.318	ML	L2	N	1.0	3.4		1.6					6.0	8.0								F	Uneven Pavement Surface
29	22.265	ML	L3	N	1.0	3.0							4.0		10.0		6.0	1.0	B	IB	L	F	Uneven Pavement Surface
30	22.204	ML	L2	Y	0.5	2.6		1.4					4.5	8.0			8.0	4.5	B	III	L	F	
31	22.200	ML	L1	Y	1.0	2.0		1.5					4.5	6.0			8.0	4.5	B	III	L	F	Widening Crack [Base = LR + ABC]
32	22.103	ML	L1	N	0.8	1.7		1.5					4.0	6.0								F	
33	22.099	ML	L2	N	1.8	2.8							4.6		8.4		6.0	3.0	B	IB	L	F	Uneven Pavement Surface
34	22.066	ML	L2	Y	1.6	1.5		0.9					4.0	8.0				4.0	C	III	L	F	Longitudinal crack along joint
37	21.822	ML	L1	N	1.7	1.6		1.4					4.7	8.0								F	
39	21.731	ML	L2	Y	1.4	3.0		1.6					6.0	6.0				6.0	B	III	M	P	
40	21.723	ML	L1	Y	1.5	1.4		0.7					3.6	8.0				3.6	B	III	M	P	
42	21.557	ML	L1	Y	1.5	1.1		0.9					3.5	8.0				3.5	B	III	M	P	
44	21.365	ML	L2	N	1.6	1.1		1.4					4.1	8.0								F	
45	21.253	ML	L1	Y	1.7	1.2		1.0					3.9	8.0			6.0	3.5	B	II	L	F	
46	21.142	ML	L2	Y	1.3	1.1		1.3					3.7	8.0				3.7	C	III	S	P	
48	20.994	ML	L1	Y	1.5	1.3		0.9					3.7	8.0				3.7	B	III	M	P	
49	20.924	ML	L2	Y	1.4	1.8							3.2	8.0				2.4	C	II	M	P	
AVERAGE					1.39	1.82	2.10	1.18					4.21	7.90	8.50		8.29	3.62					
MAX					2.10	3.40	2.50	1.70					8.70	10.00	10.00		12.00	6.00					
MIN					0.50	1.00	1.70	0.60					3.00	6.00	7.30		6.00	1.00					

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Coring Completion Date: 1/4/2024

Typical Section: 1

W.P.I. No.:				Name: SR 45				Lanes: 4 to 6					
Fin. Proj. ID: 451011-1				From: North of Myrtle St				Shoulder Type and Condition: Paved					
F.A. Project No.:		Roadway ID: 17020000		To: Edwards Dr				Inside: N					
County: Sarasota		SR No.: 45		Beg MP: 20.903		End MP: 22.390		Length: 1.487		Outside: N			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn		Other:		Curb & Gutter (Y/N): Y	

Mainline Cores (ML)

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		
					FC4	T3	S2	BIND										LR		ABC-2		DEPTH (IN.)	TYPE			CLASS	EXTENT
LAYER COEF.					0.15	0.20	0.25	0.20									0.18	0.16			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> OL/IL - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	<u>Lane Type</u> ML - Mainline TL - Turn Lane CO - Crossover S - Shoulder SS - Side Street BR - Bridge Approach/Departure	<u>Crack Type</u> A - Alligator B - Block C - Combination	<u>Crack Rating</u> Class IB - Hairline cracks that are ≤ 1/8 inch wide Class II - Cracks > than 1/8 inch and ≤ 1/4 inch Class III - Cracks > 1/4 inch	<u>Extent</u> L - Light M - Moderate S - Severe	<u>Pavement Condition</u> G - Good F - Fair P - Poor
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County: Sarasota		SR No.: 45		Beg MP: 20.903		End MP: 22.390		Length: 1.487		Outside: N			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn		Other:		Curb & Gutter (Y/N): Y	

Turn Lane Cores (TL)

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
					FC4	T3	S2	BIND								LR		ABC-2		DEPTH (IN.)	TYPE		
5	21.002	TL	RL	N	1.6			1.2					2.8	8.0			12.0					F	
11	21.376	TL	RL	N	1.3	0.8		1.6					3.7	8.0				3.7	B	III	M	F	
17	21.823	TL	RL	N	1.4	1.7		1.0					4.1	8.0								P	
21	22.186	TL	RL	N	1.2	1.5		0.7					3.4	8.0								F	
28	22.280	TL	LL	N	1.1	2.9							4.0		8.9		6.0					F	
35	22.025	TL	LR	N	1.4	3.1							4.5		6.8		10.0					F	Uneven Pavement Surface
38	21.764	TL	LL	N	1.4	1.5		1.3					4.2	12.0				4.2	B	III	L	F	
41	21.662	TL	LL	N	1.5	1.0		1.2					3.7	8.0								F	
43	21.429	TL	LL	N	1.5	1.3		1.2					4.0	8.0								F	
47	21.030	TL	LL	N	1.3	0.5		1.5					3.3	8.0								F	
AVERAGE					1.37	1.59		1.21					3.77	8.50	7.85		9.33	3.95					
MAX					1.60	3.10		1.60					4.50	12.00	8.90		12.00	4.20					
MIN					1.10	0.50		0.70					2.80	8.00	6.80		6.00	3.70					
LAYER COEF.					0.15	0.20		0.25	0.20					0.18	0.16		0.08						

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

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County: Sarasota		SR No.: 45		Beg MP: 20.903		End MP: 22.390		Length: 1.487		Outside: N			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn		Other:		Curb & Gutter (Y/N): Y	

Crossover Cores (CO)

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
					FC4	T3	S2	BIND								LR		ABC-2		DEPTH (IN.)	TYPE		
6	21.014	CO	CO	N	1.6			0.9					2.5	6.0								F	40th Street; Refusal in Base
7	21.121	CO	CO	N	2.2			0.8					3.0	9.0								F	42nd Street
12	21.483	CO	CO	N	1.6			1.4					3.0	9.0								F	
AVERAGE					1.80			1.03					2.83	8.00									
MAX					2.20			1.40					3.00	9.00									
MIN					1.60			0.80					2.50	6.00									
LAYER COEF.					0.15	0.20	0.25	0.20						0.18	0.16								

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<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				