

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

Cored By: Ardaman & Associates, Inc.

Coring Completion Date: 4/20/2022

Typical Section:

W.P.I. No.:		Name: SR 80 (Palm Beach Blvd.)	Lanes: 4
Fin. Proj. ID: 446266-1		From: Veronica S Shoemaker Blvd.	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 12020000	To: Ortiz Ave.	Inside: Paved
County: Lee	SR No.: 80	Beg MP: 2.506	End MP: 4.364
		Length: 1.858	Outside: Paved
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	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
					FC3	FC9.5	SP9.5	S	FC5	SP9.5	T1	S2	S	T1	WC		CONC	LR	ABC-2	SHEL		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	2.506	SS	R2	Y		1.2	2.8									4.0		9.0							F	SS - Veronica Showmaker Blvd (NB)	
2	2.544	ML	R2	N		1.0	1.9									2.9		9.3			13.6	2.9	III	C	L	P	Widening Crack, Shallower total asphalt depth presented.
3	2.538	SS	R2	Y		1.1	2.5									3.6		10.5							F	SS - Washington Ave (NB)	
4	2.581	ML	R1	Y		1.1	1.2							0.6	0.6	3.5		7.2							F		
5	2.649	SS	R2	N		1.2	3.0									4.2				9.6					F	SS - Desoto Ave (NB), 1.70% (SB), 3.30% (NB).	
6	2.762	ML	R2	Y		1.0	2.0							0.6	0.6	4.2		10.8			4.2	III	C	S	P	Widening Crack, Shallower total asphalt depth presented.	
7	2.800	SS	R2	Y		1.0	1.7							0.3		3.0		11.3							F	SS - Polk St. (NB)	
8	2.838	SS	R2	Y		1.2	1.8									3.0		9.6							F	SS - Woodside Ave (SB)	
9	2.874	TL	RL	N		1.0	4.9									5.9		5.1							F	RLTL 1st, pothole	
10	2.969	ML	R2	N			2.6									2.6		9.8							F		
11	3.067	TL	RL	Y		1.0	1.8							0.6	0.6	4.0		8.0							F	RLTL 1st, patch	
12	3.093	SS	R2	N		1.0	2.7									3.7		9.2							F	SS - Van Buren (NB), Section SW, drag marks	
13	3.091	ML	R2	Y		1.0	1.9	1.3								4.2		4.5			4.2	III	C	S	P		
14	3.148	ML	R1	N		1.1	2.0							0.6	0.4	4.1		8.6							F		
15	3.214	SS	R2	Y		0.7	2.1									2.8		8.2			2.8	III	C	S	P	SS - Oleander Ave (NB), Base Crack, depression.	
16	3.280	SS	R2	N		0.7										0.7	12.0	10.8			0.2	II	C	M	P	SS - Pine St. (NB), 2 bases, shallowest asphalt thickness presented.	
17	3.334	TL	RL	Y		0.8	3.5							0.7	0.6	5.6		10.3		12.1					F	RLTL 1st	
18	3.379	SS	R2	Y		1.5	2.9									4.4		13.6			1.5	III	C	M	P	SS - Marsh Ave. (NB)	
19	3.382	ML	R2	N		1.0	1.7									2.7			10.5		2.7	III	C	S	P	Rutting	
20	3.416	ML	R2	N		1.0	2.0							0.6	0.4	4.0		10.5			2.8	III	C	S	P		
21	3.423	ML	R2	Y		1.0	2.1							0.4		3.5		16.9			3.5	III	C	S	P	Rutting, uneven bottom, shallowest asphalt thickness presented.	
22	3.525	SS	R2	N	0.6								3.0			3.6		8.7							F	SS - Fairview Ave. (SB), Rutting, 0.90% (SB), 0.20% (NB), ravelling	
23	3.600	SS	R2	N		0.8	3.2									4.0		10.4							F	SS - Adams Ave. (NB), ravelling	
24	3.674	SS	R2	N		1.2	3.7									4.9			8.4						F	SS - Prospect Ave. (NB)	
25	3.723	TL	RL	Y		1.0	1.9							0.7	0.5	4.1		8.4		12.2					F	RLTL 1st, No stabilizer	
26	3.738	ML	R1	Y		1.0	3.1									4.1		13.6			4.1	II	C	S	P	Limerock creamy	
27	3.748	SS	R2	Y		0.8	3.6									4.4		1.2		8.0					F	SS - Wood Ave. (NB)	
28	3.821	SS	R2	N		0.6			0.8	1.0			2.6			5.0		4.3		18.0					F	SS - New York Dr (NB), loop	

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		End MP: 4.364
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		Outside: Paved
		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
					FC3	FC9.5	SP9.5	S	FC5	SP9.5	T1	S2	S	T1	WC		CONC	LR	ABC-2	SHEL		DEPTH (IN.)	TYPE	CLASS	EXTENT		
29	3.821	SS	R2	Y		1.0	1.0		0.8	2.4						5.2			5.8		16.3					F	SS - Tice St. (WB), loop
30	3.936	ML	R2	Y		1.0	2.1									3.1		9.5				3.1	II	C	L	P	Rut, crack near manhole
31	3.972	ML	R2	Y		1.0	4.0									5.0			6.1		11.7					F	Depression
32	3.995	SS	R2	N		1.1	3.9									5.0			6.4							P	SS - Waverly Ave (NB), depression
33	4.048	SS	R2	N		1.1	4.3									5.4			3.8							F	SS - Tyrone Ave. (SB), patch
34	4.100	SS	R2	N		1.1	4.4									5.5			4.7							F	SS - Mississippi (NB)
35	4.167	SS	R2	Y		1.2	3.8									5.0			12.0							F	SS - Carolina Ave. (SB), Core measure indirectly; Delamination of SP from ABC; ABC disintegrated, not photographed entirely; Core in depression.
36	4.230	TL	RL	Y		1.4	4.0									5.4			5.6			2.2	II	C	M	F	RLTL 1st
37	4.283	ML	R1	Y		1.1	3.4									4.5			4.6		11.5					P	Rutting
38	4.302	SS	R3	N		1.0	4.7									5.7			5.3		3.8					F	SS - Figuera Ave. (NB)
39	4.342	ML	R3	Y		1.0	4.5									5.5			4.7		13.2					P	Rutting
40	4.364	SS	R3	Y		1.0	4.0									5.0			5.8							F	SS - Ortiz Ave. (NB), Rutting
41	4.308	TL	LR	Y		1.0	4.5									5.5			4.9							F	LRTL 1st
42	4.268	SS	L2	N		1.2	3.9									5.1			6.9							F	SS - Royal Palm Park Rd. (SB)
43	4.240	ML	L2	N		1.3	3.7									5.0			5.6			1.1	II	C	L	F	
44	4.227	ML	L1	Y		1.1	3.7									4.8			4.8							F	
45	4.120	ML	L1	Y		1.0	3.5									4.5			5.2		10.8					F	Rutting
46	3.361	ML	L2	N		1.2	2.3									3.5			7.5							F	L2/OL Gore
47	4.048	SS	L2	N		1.1	5.5	4.1								10.7		7.3								F	SS - Baltimore Ave. (NB)
48	3.973	SS	L2	Y		1.1	4.4									5.5			5.7							F	SS - Wilma Ave (SB), Ravelling, crack at utility
49	3.913	SS	L2	N		1.2	4.3									5.5			6.1							F	SS - Johnson Ave (SB)
50	3.885	TL	LL	N		1.0	4.0									5.0			5.5							F	LLTL 1st
51	3.821	SS	L2	N		1.0	3.5									4.5			3.7							F	SS - New York Dr. (NB), ravelling
52	3.797	ML	L1	Y		1.0	1.8							0.6		0.5						1.8	II	C	L	F	
53	3.692	ML	L2	Y		1.0	2.2							0.8		0.4						4.4	III	C	S	P	
54	3.674	SS	L2	Y		1.0	1.6									2.6		7.0				2.6	III	C	M	P	SS - Prospect Ave. (NB), Base not returned.

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		Lawn
		Other:
		Outside: Paved
		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	
					FC3	FC9.5	SP9.5	S	FC5	SP9.5	T1	S2	S	T1		WC	CONC	LR	ABC-2		SHEL	DEPTH (IN.)	TYPE	CLASS			EXTENT
55	3.600	SS	L2	Y		1.5	2.1									3.6		10.2							F	SS - Adams Ave. (SB)	
56	3.540	TL	LL	Y		1.5	5.1									6.6			4.5		11.7					F	LLTL 1st
57	3.504	SS	L2	Y		1.1	4.9									6.0		9.4							P	SS - Fairview (SB), Limerock creamy	
58	3.382	SS	L2	N		1.0	1.4									2.4		6.0			2.4	III	C	M	P	SS - Marsh Ave (SB), Base Crack, Rut	
59	3.339	ML	L2	Y		0.9	1.6				0.5				0.4	3.4		6.8			3.4	II	C	S	P	Base Crack	
60	3.187	TL	LL	Y		1.1	4.9									6.0			6.1						F	LLTL 1st	
61	3.118	ML	L1	Y		1.1	1.8				0.5					3.4		13.2			3.4	II	C	L	P	Base Crack	
62	3.093	SS	L2	N		1.0	1.7				0.5					3.2	9.8				3.2	II	C	M	P	SS - Van Buren (NB), Base Crack, Concrete base not returned.	
63	2.933	TL	LL	Y		1.0	5.0									6.0			5.5						P	LLTL 1st	
64	2.916	ML	L2	Y		1.1	1.7				0.6				0.6	4.0		8.3		11.0	4.0	II	C	M	P	Base Crack, Rut, muck in SSG boring	
65	2.911	SS	L2	N		1.3	4.7									6.0				8.4					F	SS - Harney Pl. (SB)	
66	2.742	ML	L2	Y		0.9	3.2									4.1		7.7			4.1	III	C	M	P	Possible widening crack	
67	2.592	TL	LL	N		1.0	2.3					0.7		0.8	0.5	5.3		8.5							F	LLTL 1st	
68	2.556	ML	L1	Y		1.0	3.1									4.1		10.7			4.1	III	C	M	P	Base Crack, Poissible joint	
69	2.506	SS	L2	N		1.1	4.6									5.7		13.7							F	SS - Veronica Showmaker Blvd (NB)	
70	4.230	ML	L2	Y		1.2	4.7									5.9			5.1		0.5	IB	C	L	F	Originally demarkated as PC-44B	
AVERAGE						0.60	1.06	3.11	2.70	0.80	1.70	0.58	0.70	2.80	0.59	0.51	4.47	9.60	9.78	5.41	9.10	11.68	2.88				
MAX						0.60	1.50	5.50	4.10	0.80	2.40	0.80	0.70	3.00	0.80	0.60	10.70	12.00	16.90	12.00	10.50	18.00	4.40				
MIN						0.60	0.60	1.00	1.30	0.80	1.00	0.50	0.70	2.60	0.30	0.40	0.70	7.00	6.00	1.20	8.40	3.80	0.20				
LAYER COEF.						0.17	0.25	0.25	0.25	0.00	0.25	0.23	0.25	0.25	0.23	UNKW	UNKW	0.18	0.16	0.18	0.08						

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		Length: 1.858
		Other:
		Median Curbed (Y/N): N
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		Lawn
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All Cores

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					FC3	FC9.5	SP9.5	S	FC5	SP9.5	T1	S2	S	T1	WC		CONC	LR	ABC-2	SHEL		DEPTH (IN.)	TYPE	CLASS	EXTENT		

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