

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

Cored By: Madrid Engineering Group

Coring Completion Date: 11/13/2021

Typical Section: _____

W.P.I. No.:		Name:	State Road 54			Lanes:	6
Fin. Proj. ID:	443784-1	From:	Mitchell Ranch Plaza			Shoulder Type and Condition: CURBED SIDEWALK, GOOD	
F.A. Project No.:		Roadway ID:	14 570 000			To: Marathon Drive	
County:	Pasco	SR No.:	54			Beg MP: 5.125 End MP: 8.115 Length: 2.990	
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):	Y	Paved	Lawn x Other:
						Curb & Gutter (Y/N): Y	

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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ⁴	COMMENTS	
					FC3	FC5	FC9.5	FC12.5	SP9.5	S						LR	ABC-1			DEPTH (IN.)	TYPE	CLASS	EXTENT						
1	4.893	ML	R3	Y			0.8		4.3					5.1	13.0				15.0					F					
2	4.907	TL	RR	N		0.4			3.9					4.3	12.0									F					
3	4.944	SS	RR	Y		1.2			3.2					4.4		11.6							F						Little Road
4	5.045	ML	R3	Y		0.6			4.1					4.7	12.0					2.5	C	III	S	P					
5	5.054	TL	RR	Y			1.0			8.8				9.8	9.0								P						
6	5.078	SS	R1	N			0.9		9.8					10.7	6.0								F						Plaza Entry
7	5.129	ML	R3	Y		0.8			3.9					4.7	12.0					3.0	C	III	S	P					
8	5.138	SS	R1	N				1.3	10.1					11.4	8.0								F						Plaza Entry
9	5.295	SS	RR	N	0.9				1.9					2.8	10.0								F						Medical Center entry
10	5.332	ML	R3	Y		1.2			3.6					4.8	12.0					2.6	C	III	S	P					
11	5.333	S	OR	N		1.0			3.6					4.6	11.0								F						
12	5.558	ML	R3	N		0.8			3.8					4.6	12.0					3.0	C	III	S	P					
13	5.604	ML	R2	Y		0.9			3.8					4.7	12.0					4.7	C	III	S	P					
14	5.605	ML	R2	Y		1.0			3.6					4.6	12.0					1.9	C	III	S	P					
15	5.803	ML	R2	Y		0.8			3.6					4.4	11.0					2.3	C	III	S	P					
16	5.803	S	OR	N		1.2			3.6					4.8	11.0								F						
17	6.119	S	OR	N		0.9			3.6					4.5	12.0					2.3	C	III	S	F					

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		Length: 2.990	Outside:
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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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ⁴	COMMENTS
					FC3	FC5	FC9.5	FC12.5	SP9.5	S						LR	ABC-1				DEPTH (IN.)	TYPE	CLASS	EXTENT					
18	6.373	ML	R2	N		1.0				3.8					4.8	10.0				10.0	2.7	C	III	S	P				
19	6.373	S	OR	N		0.8				3.8				4.6	10.0						3.1	C	III	S	P				
20	6.745	ML	R3	N		0.9				3.9				4.8	10.0						2.7	C	III	S	P				
21	6.750	S	OR	N		1.1				3.7				4.8	6.0									F					
22	6.973	TL	RR	N		0.5				2.9				3.4	11.0						0.4	C	IB	C	P				
23	7.111	TL	RR	Y			0.9			3.6				4.5	12.0									F					
24	7.145	SS	RR	Y			0.8			2.7				3.5	11.0									P					Duck Slough Blvd, ravelling
25	7.209	TL	RR	Y		1.2				4.8				6.0		8.5								F					
26	7.241	SS	RR	Y		0.8				5.2				6.0		9.4								P					Trinity Crossings entry
27	7.273	ML	R2	Y		0.9				3.7				4.6	11.0					12.0	2.3	C	III	S	P				
28	7.273	ML	R2	Y		1.0				3.5				4.5	10.0						3.0	C	III	S	P				
29	7.551	TL	RR	Y		0.8				2.6				3.4	16.0									F					
30	7.565	SS	RR	N		0.9				3.5				4.4	16.0									F					Wells Fargo Advisors entry
31	7.653	TL	RR	N		0.9				3.6				4.5	16.0									F					
32	7.685	SS	RR	N		0.5				2.8				3.3	16.0									F					Corporate center drive
33	7.702	ML	R3	Y		0.9				3.8				4.7	10.0						3.4	C	III	S	P				
34	7.775	SS	RR	N		0.9				2.9				3.8	16.0									F					Goodwill entry

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All Cores																														
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					FC3	FC5	FC9.5	FC12.5	SP9.5	S						LR	ABC-1				DEPTH (IN.)	TYPE	CLASS	EXTENT						
35	7.960	S	OR	N		0.9				3.9					4.8	10.0					12.0					F				
36	8.012	TL	RR	Y		0.5				4.5					5.0	16.0									F					
37	8.049	SS	LR	Y		0.7				3.7					4.4	12.0								F					Marathon Rd	
38	7.973	S	OL	N		0.9				4.1					5.0	12.0								F						
39	7.925	ML	L2	Y		0.9				4.1					5.0	12.0					2.8	C	III	S	P					
40	7.777	S	OL	N		1.2				3.9					5.1	12.0								F						
41	7.758	ML	L2	Y		1.1				3.8					4.9	11.5								F						
42	7.720	TL	LR	Y		0.8				4.0					4.8	10.5								F						
43	7.685	SS	LR	N		1.4				4.0					5.4	14.0								F				Success Drive		
44	7.609	ML	L2	Y		0.9				3.6					4.5	10.0				12.0	2.8	C	III	S	P					
45	7.513	ML	L3	Y		1.1				3.8					4.9	10.0					3.0	C	III	S	P					
46	7.497	S	OL	N		1.3				4.3					5.6	12.0								F						
47	7.398	SS	L1	N		1.4				4.5					5.9	10.0								F				Merchant Ave		
48	7.276	SS	L1	Y	0.8					1.7					2.5		2.6							F				Jiffy lube entry		
49	7.225	TL	LR	N		1.1				4.2					5.3	8.0					3.5	C	III	S	P					
50	7.089	TL	LR	N		1.2				3.1					4.3	15.0								F						
51	6.996	SS	L1	Y		0.8				3.0					3.8	10.0								F				Country Place		

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Overall Pavement Condition (from DMO field review):		Fair	Beg MP:	5.125	End MP:	8.115	Length:	2.990	Outside:	
		Median Curbed (Y/N):	Y	Paved	Lawn x	Other:		Curb & Gutter (Y/N):	Y	

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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ⁴	COMMENTS									
					FC3	FC5	FC9.5	FC12.5	SP9.5	S						LR	ABC-1			DEPTH (IN.)	TYPE	CLASS	EXTENT														
86	7.364	TL	RL	N		0.8				4.3					5.1	6.0				8.0																	
87	7.528	ML	R1	Y		1.2				3.8					5.0	10.0					3.5	C	III	S	P												
88	7.826	TL	RL	Y		1.0				4.1					5.1	10.0																					
89	7.897	CO	C	N		0.9				4.1					5.0	12.0																					
90	8.024	ML	R1	Y		0.9				3.7					4.6	12.0					2.6	C	III	S	P												
AVERAGE						0.85	0.91	0.92	1.30	3.86	7.35				4.90	11.55	8.03			11.40	2.83																
MAX						0.90	1.80	1.10	1.30	10.10	8.80				11.40	17.00	11.60			15.00	4.70																
MIN						0.80	0.40	0.80	1.30	1.70	5.90				2.50	6.00	2.60			8.00	0.40																
LAYER COEF.						0.17	0.00	0.25	0.25	0.25	0.25					0.18	0.14			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