

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

Cored By: Ardaman & Associates, Inc.

Coring Completion Date: 9/10/2021

Typical Section: _____

W.P.I. No.:	Name: 15th St E	Lanes: 2 Lanes
Fin. Proj. ID: 447380-1	From: RR Crossing No. 624692	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 13120001	To: US 301
County: Manatee	SR No.: 70	Beg MP: 0.850
Overall Pavement Condition (from DMO field review): Fair	End MP: 1.550	Length: 0.700
	Median Curbed (Y/N):	Other:
	Paved	Lawn
		Other:
		Curbs & Gutter (Y/N):
		Inside: NA
		Outside: Yes

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					COMMENTS
					FC9.5	FC12.5	SP9.5	T1	S	ARMI	S2	S	T1	SAHM	BIND		SHEL	LR	ABC-2	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT	CROSS SLOPE (%) ⁴	
1	0.856	ML	R1	Y	0.8		5.0			0.5	1.8					8.1			8.5		10.1	8.1	C	III	S		
2	0.946	SS	R1	N	0.8		1.6		1.2					3.5		7.1	2.8					7.1	C	III	S	38th Ave E	
3	1.001	TL	RL	N	1.0		2.5								3.5		11.6									RLTL (1st)	
4	1.009	S	OR	N	1.4		2.1								3.5			6.0		12.5	0.5	C	III	M			
5	1.075	SS	R1	Y	1.4		1.3								2.7	11.3										36th Ave E	
6	1.128	ML	R1	Y	0.8		1.5		1.0						3.3		11.9					3.3	C	II	M		
7	1.207	SS	R1	Y	0.6		1.0								1.6		7.0									34th Ave E	
8	1.230	SS	R1	Y	0.5		5.0								5.5			2.3								33rd Ave Dr E	
9	1.268	SS	R1	Y	2.0										2.0				11.0							33rd Ave E	
10	1.298	ML	R1	Y	0.7		2.6								3.3		12.6					3.3	C	II	M		
11	1.298	S	OR	N	1.1		3.9								5.0			4.0									
12	1.326	SS	R1	N	1.0		3.0								4.0			6.6								32nd Ave E (Patch Area)	
13	1.327	SS	R1	Y	0.8		3.4								4.2			6.0								32nd Ave E	
14	1.392	SS	R1	Y	1.1										1.1	10.1						1.1	C	III	L	31st Ave E	
15	1.441	TL	RL	Y	1.0		1.1				2.3		0.7	1.6	1.1	7.8	10.1				8.0					RLTL (1st)	
16	1.456	SS	R1	Y	1.5		2.0	3.9							7.4	4.8										30th Ave E	
17	1.478	ML	R1	Y		1.0	1.1								2.1			6.5				2.1	C	III	S		
18	1.541	TL	RL	N		0.9	1.6		1.4						3.9		14.3									RLTL (1st)	
19	1.547	SS	L1	N		1.1	4.0		2.1						7.2	4.0										Unsigned	
20	1.524	SS	L1	Y		1.3			1.3						2.6	5.9						2.6	C	II	L	29th Ave E	
21	1.483	ML	L1	Y	1.0		1.0								2.0			8.0		11.8	2.0	C	III	S			
22	1.481	TL	LL	N		1.6			2.4				0.6	1.4	1.6	7.6	10.0					7.6	C	III	M	LLTL (1st)	
23	1.460	SS	L1	Y	1.0		1.0	1.7	1.6						5.3			2.6				3.7	C	III	S	30th Ave E	
24	1.411	ML	L1	Y	0.9		1.2	1.8			0.6	2.8			7.3	6.1						7.3	C	II	M		
25	1.378	S	OL	N	1.3		2.8								4.1			5.3		11.5							
26	1.341	SS	L1	Y	0.7		1.9								2.6	5.9										32nd Ave E	
27	1.332	ML	L1	N	0.8		1.2				1.5				3.5	8.3						7.7	C	III	S		
28	1.207	SS	L1	Y	1.4		4.1								5.5		14.2									34th Ave E	
29	1.048	ML	L1	Y	0.8		1.9								2.7		12.8					2.7	C	II	M		

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Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N):		Paved		Lawn		Other: _____ Curb & Gutter (Y/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					COMMENTS
					FC9.5	FC12.5	SP9.5	T1	S	ARMI	S2	S	T1	SAHM	BIND		SHEL	LR	ABC-2	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT	CROSS SLOPE (%) ⁴	
30	1.017	SS	L1	Y	0.7		3.0										3.7		9.4							37th Ave E	
31	0.969	TL	LL	N	0.8		2.9										3.7		10.4							LLTL (1st)	
32	0.920	S	OL	N	1.1		2.9										4.0			4.8							
33	0.863	ML	L1	Y	0.9		2.6		2.7	0.7	3.2		1.6				11.7			3.8		7.0	C	III	S		
AVERAGE					1.00	1.18	2.39	2.47	1.71	0.60	1.88	2.80	1.60	1.50	1.35	4.53	7.21	11.58	5.37	11.00	10.78	4.41					
MAX					2.00	1.60	5.00	3.90	2.70	0.70	3.20	2.80	3.50	1.60	1.60	11.70	11.30	14.30	8.50	11.00	12.50	8.10					
MIN					0.50	0.90	1.00	1.70	1.00	0.50	0.60	2.80	0.60	1.40	1.10	1.10	2.80	7.00	2.30	11.00	8.00	0.50					
LAYER COEF.					0.25	0.25	0.25	0.23	0.25	0.00	0.25	0.25	0.23	0.11	0.20		0.18	0.18	0.16	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