

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

Cored By: Madrid-CPWG

Date: 7/23/20, 7/27/20, 10/25/20

Typical Section: 1

W.P.I. No.:	Name: SR 17	Lanes: 2
Fin. Proj. ID: 444313-1	From: Rainbow Blvd	Shoulder Type and Condition: Paved
F.A. Project No.:	To: Crooked Lake Drive	Inside: N
County: Polk	Beg MP: 11.930	End MP: 12.700
SR No.: 17	Length: 0.770	Outside: Paved
Overall Pavement Condition (from DMO field review): Poor	Median Curbed (Y/N): N	Paved
	Lawn	Other:
		Curb & Gutter (Y/N): N

All Cores																										
CORE NO.	MILE POST ¹	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ²	CRACK				PAVEMENT CONDITION	COMMENTS		
					FC12.5	SP9.5	T1	S	S2	SAHM	BIND					LR	SAHM		ABC-2	Clay	DEPTH (IN.)	TYPE			CLASS	EXTENT
1	11.934	SS	L1	N	0.7		0.4				0.5			1.6	7.0						1.6	C	II	L	P	Side Street - US 17 & Rainbow Blvd Intersection
2	12.035	ML	R1	Y	1.3			1.5			0.5			3.3	7.8					12.0	3.3	C	II	M	F	
3	12.120	ML	R1	Y	1.3		3.4				1.8			6.5		1.6					6.5	B	II	M	P	4 in. thick layer of clay under SAHM
4	12.189	ML	L1	Y	1.3		3.4	1.0			1.7			7.4		1.2					7.4	B	II	M	P	Base crack
5	12.220	SS	L1	N	1.0		1.0			5.7				7.7	4.0						2.0	A	II	M	P	Side Street - US 17 & Libby Rd Intesection
6	12.285	ML	L1	N	1.4		2.0	2.3			2.1			7.8		1.2					7.8	B	II	M	P	
7	12.355	ML	L1	N	1.2			1.3			0.6			3.1	6.3						3.1	B	II	L	F	Widening crack, base composed of 1/2 LS, 1/2 A-3
8	12.443	ML	L1	Y	1.6									1.6	6.5										F	
9	12.519	ML	R1	Y	1.4									1.4	6.5										F	
10	12.613	S	OL	N	1.5			0.7						2.2			4.4				3.0	A	III	M	F	Shoulder
11	12.651	ML	L1	N	1.5									1.5	6.0					12.0	1.5	C	II	L	F	
12	12.704	SS	R1	N	1.0		1.6				0.5			3.1				7.5			3.1	C	II	M	P	Side Street - US 17 & N Crooked Lake Dr Intersection
13	12.609	ML	L1	N	1.7									1.7	6.5						1.7	C	II	L	F	Base crack
14	12.421	ML	L1	N	1.6									1.6	6.5						1.6	C	II	L	F	Base crack
15	12.355	ML	L1	N	1.3			1.1			0.6			3.0	5.5										F	LT side of core 07
16	12.355	ML	L1	Y	1.3			1.3			0.6			3.2	7.3										F	RT side of core 07
17	12.045	ML	R1	Y	0.9			2.1						3.0	2.8						3.0	C	II	L	P	Base crack
18	12.101	ML	R1	N	1.2		1.7	1.8			2.3			7.0		1.7					7.0	B	II	M	P	4 in. thick layer of clay under SAHM
19	12.206	S	OR	N	1.3		5.1	1.3			1.1			8.8				5.0			8.8	B	III	S	P	Base crack
20	12.435	ML	R1	N	1.3									1.3	2.0						1.3	C	II	L	M	Base crack
21	12.307	S	OL	N	1.2	0.5	1.8		0.5		1.2			5.2	8.0						5.2	C	III	S	P	LRB, LBS Shoullder
22	12.038	S	OR	N	1.0			1.6						2.6	2.0						2.6	C	III	S	P	LRB, Red sand, Handicap parking spot
23	12.091	S	OL	N	1.4		3.3		0.7		2.6			8.0		0.5					2.9	C	III	S	P	LRB, Red sand, Shoulder

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					FC12.5	SP9.5	T1	S	S2	SAHM	BIND						LR	SAHM	ABC-2		Clay	DEPTH (IN.)	TYPE	CLASS		
AVERAGE					1.28	0.50	2.37	1.45	0.60	5.70	1.24				4.03	5.65	1.24	4.40	6.25	12.00	3.86					
MAX					1.70	0.50	5.10	2.30	0.70	5.70	2.60				8.80	8.00	1.70	4.40	7.50	12.00	8.80					
MIN					0.70	0.50	0.40	0.70	0.50	5.70	0.50				1.30	2.00	0.50	4.40	5.00	12.00	1.30					
LAYER COEF.					0.15	0.15	0.15	0.15	0.15	0.08	0.15					0.18	0.08	0.12	#N/A	0.08						

- Notes:
- Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).
 - Stabilization thickness was checked on 10% of the coring locations. For pavement design assume 12 inches of thickness for stabilization.
 - The cross slope is measured in the center of the lane.
 - A blank cell indicates measurement was not recorded.

<u>Lane Designations</u>	<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>	<u>Lane Type</u>	
OL - Outside Left Shoulder L1 - 1st Lane Left of Centerline	OR - Outside Right Shoulder R1 - 1st Lane Right of Centerline	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	S - Shoulder SS - Side Street