

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

Cored By: RCS

Coring Completion Date: 10/19/2023

Typical Section: 1

W.P.I. No.:		Name: SR 17		Lanes: 2 Lanes	
Fin. Proj. ID: 450880-1		From: North Crooked Lake Road		Shoulder Type and Condition:	
F.A. Project No.:		To: Townsend Road		Inside: None	
County: Polk	Roadway ID: 16090000	Beg MP: 12.700	End MP: 17.203	Length: 4.503	Outside: Paved Shoulder
Overall Pavement Condition (from DMO field review): Fair		SR No.: 17	Median Curbed (Y/N): N	Paved	Lawn
		Other:		Curb & Gutter (Y/N): N	

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
					FC12.5	SP12.5	S	WC								LR	ABC-2				DEPTH (IN.)	TYPE		
1	12.717	ML	R1	N	1.5		1.6					3.1	13.1					3.1	C	III	S	P		
2	12.717	ML	R1	N	1.4		1.9					3.3	13.2										F	
3	12.717	ML	R1	Y	1.4		1.8					3.2	13.0				12.0						F	
4	14.918	ML	R1	Y	1.5	1.0	1.3	0.5				4.3	10.0				1.5	C	III	S	P			
5	16.522	ML	R1	Y	1.3	1.1	0.6	0.5				3.5	10.6				1.3	C	III	S	P			
6	17.163	ML	L1	Y	1.7		2.2					3.9	9.1				2.7	C	III	S	P			
7	15.994	ML	L1	N	1.6	1.3		0.5				3.4	8.8				1.6	C	III	S	P			
8	15.994	ML	L1	N	1.7	1.3	0.2	0.6				3.8	9.8				3.0	C	III	S	P			
9	15.994	ML	L1	N	1.6	1.2	0.3	0.5				3.6	10.4				1.6	C	III	S	P			
13	17.184	ML	L1	Y	1.6		1.6					3.2	11.0			12.0	3.2	C	III	S	P			
15	17.174	ML	R1	N	1.7		3.9	0.5				6.1	7.7				4.2	A	III	S	P			
17	17.143	ML	L1	Y	1.7		2.3					4.0	8.9				4.0	A	III	S	P			
19	17.094	ML	L1	Y	1.5		2.9	0.6				5.0	7.4				2.6	C	III	S	P			
21	17.069	ML	R1	Y	1.5	2.5						4.0	8.2			12.0	4.0	C	III	S	P			
23	17.131	ML	R1	N	1.6		3.9	0.5				6.0	2.1				4.7	A	III	S	P			
25	16.975	ML	L1	Y	1.2	1.6						2.8	9.4				2.8	C	II	M	P			
27	16.813	ML	R1	N	1.2	2.2	0.8	0.5				4.7	7.5				3.2	C	III	S	P		Bottom up Crack	
29	16.631	ML	L1	N	2.0	1.0						3.0	9.8				2.0	C	II	M	F			
31	16.457	ML	R1	N	1.3	1.3						2.6	11.7				1.9	C	II	M	P		Base Crumbled	
33	16.262	ML	L1	Y	1.8	1.2	0.5	0.5				4.0	10.1				3.0	C	III	S	P		Bottom up Crack	
35	16.095	ML	R1	Y	1.8	1.3	0.7	0.5				4.3	8.4				2.8	C	III	S	F		Bottom up Crack	
37	15.932	ML	L1	N	1.8	1.1	0.9	0.5				4.3	10.0			12.0	2.9	C	III	S	P		Bottom up Crack	
39	15.730	ML	R1	Y	1.5	1.2	0.9	0.5				4.1	8.4				3.3	C	III	S	P			
41	15.563	ML	L1	Y	1.7	1.0	0.7	0.6				4.0	10.4				2.5	C	III	S	P		Bottom up Crack	
43	15.356	ML	R1	N	1.5	1.0	0.5	0.5				3.5	9.7				3.5	C	III	S	P			
45	15.177	ML	L1	Y	1.4		1.5	0.4				3.3	11.6			12.0	3.3	C	III	S	P			
47	15.029	ML	R1	Y	1.5	1.5	1.0	0.6				4.6	8.9				3.2	C	III	S	P		Bottom up Crack	
49	14.852	ML	L1	Y	1.5	1.7						3.2	7.9				3.2	C	III	S	P			
51	14.669	ML	R1	Y	1.4	1.3	0.5	0.5				3.7	7.9				3.0	C	III	S	P			
53	14.458	ML	L1	Y	1.3	1.3						2.6	9.3				2.6	C	III	S	P			
55	14.278	ML	R1	Y	1.5	0.9	0.5	0.5				3.4	9.1			12.0	2.6	C	III	S	F		Bottom up Crack	
57	14.152	ML	L1	Y	1.4	1.4	0.2	0.7				3.7	9.1				3.3	C	III	S	P		Bottom up Crack	
59	13.921	ML	R1	N	1.5	1.2						2.7	9.5				2.7	C	III	S	P			
61	13.752	ML	L1	Y	1.7	1.1		0.5				3.3	9.6				3.3	C	III	S	P			
63	13.558	ML	R1	N	1.4	1.0	0.5	0.5				3.4	9.7			12.0	3.4	C	III	S	P			
65	13.383	ML	L1	Y	1.4	1.1						2.5	10.5			12.0	2.5	C	III	S	P			
67	13.202	ML	R1	Y	1.1	1.6	0.8	0.6				4.1	7.7				4.1	C	III	S	P			
69	13.030	ML	L1	N	1.2			0.4				1.6	10.4										F	
71	12.834	ML	R1	Y	1.2		2.5					3.7	8.7				2.6	C	II	M	P			
AVERAGE					1.50	1.31	1.32	0.52				3.68	9.45				12.00	2.92						
MAX					2.00	2.50	3.90	0.70				6.10	13.20				12.00	4.70						
MIN					1.10	0.90	0.20	0.40				1.60	2.10				12.00	1.30						

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Fin. Proj. ID: 450880-1		From: North Crooked Lake Road		Shoulder Type and Condition:	
F.A. Project No.:		To: Townsend Road		Inside: None	
County: Polk	Roadway ID: 16090000	Beg MP: 12.700	End MP: 17.203	Length: 4.503	Outside: Paved Shoulder
Overall Pavement Condition (from DMO field review): Fair		SR No.: 17	Median Curbed (Y/N): N	Paved	Lawn
		Other:		Curb & Gutter (Y/N): N	

Mainline Cores (ML)

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE			CRACK				PAVEMENT CONDITION	COMMENTS		
					FC12.5	SP12.5	S	WC								LR	ABC-2		STABILIZED SUBGRADE ³	DEPTH (IN.)			TYPE	CLASS
LAYER COEF.					0.25	0.25	0.25	UNKW							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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F.A. Project No.:		To: Townsend Road		Inside: None	
County: Polk	Roadway ID: 16090000	Beg MP: 12.700	End MP: 17.203	Length: 4.503	Outside: Paved Shoulder
Overall Pavement Condition (from DMO field review): Fair		SR No.: 17	Median Curbed (Y/N): N	Paved	Lawn
		Other:		Curb & Gutter (Y/N): N	

Shoulder Cores (S)

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE			CRACK				PAVEMENT CONDITION	COMMENTS				
					FC12.5	SP12.5	S	WC								LR	ABC-2		STABILIZED SUBGRADE ³	DEPTH (IN.)			TYPE	CLASS	EXTENT	
14	17.184	S	OL	N	1.5								1.5		1.7				1.5	C	III	S	P	Base Crack		
16	17.174	S	OR	N	1.6			2.1					3.7	11.3										F		
18	17.143	S	OL	N	1.8								1.8		2.2				1.8	C	III	L	P	Base Crack		
20	17.094	S	OL	N	1.6			1.2					2.8	10.9					2.8	C	III	S	P			
22	17.069	S	OR	N	1.6	1.9							3.5		2.0			12.0						F		
24	17.131	S	OR	N	1.4			1.6					3.0	7.0										F		
26	16.975	S	OL	N	0.9	1.2							2.1		3.5									F		
28	16.813	S	OR	N	1.5	1.5							3.0		3.8									F		
30	16.631	S	OL	N	2.0	1.1							3.1		3.9									F		
32	16.457	S	OR	N	1.6	0.8							2.4		3.0									F		
34	16.262	S	OL	N	1.6	1.8							3.4		3.9									F		
36	16.095	S	OR	N	1.2	1.3							2.5		3.4									F		
38	15.932	S	OL	N	1.5	1.3							2.8		3.7			12.0						F		
40	15.730	S	OR	N	1.9	1.3							3.2		3.9									F		
42	15.563	S	OL	N	1.6	1.2							2.8		3.5									F		
44	15.356	S	OR	N	1.4	1.3							2.7		3.5									F		
46	15.177	S	OL	N	1.6	1.7							3.3		3.1									F		
48	15.029	S	OR	N	1.6	1.5							3.1		3.8									F		
50	14.852	S	OL	N	1.6	1.4							3.0		3.3									F		
52	14.669	S	OR	N	1.5	1.5							3.0		5.2									F		
54	14.458	S	OL	N	1.5	1.5							3.0		2.5									F		
56	14.278	S	OR	N	1.3	1.4							2.7		4.4									F		
58	14.152	S	OL	N	1.6	1.4							3.0		4.6									F		
60	13.921	S	OR	N	1.3	1.3							2.6		3.1									F		
62	13.752	S	OL	N	1.5	1.3							2.8		3.4									F		
64	13.558	S	OR	N	1.5	1.7							3.2		2.9									F		
66	13.383	S	OL	N	2.0								2.0		3.4									F		
68	13.202	S	OR	N	1.8	1.5							3.3		2.7									F		
70	13.030	S	OL	N	1.6								1.6		4.1									F		
72	12.834	S	OR	N	1.4								1.4		4.4									F		
AVERAGE					1.55	1.40	1.63						2.74	9.73	3.47			12.00	2.03							
MAX					2.00	1.90	2.10						3.70	11.30	5.20			12.00	2.80							
MIN					0.90	0.80	1.20						1.40	7.00	1.70			12.00	1.50							
LAYER COEF.					0.25	0.25	0.25	UNKW						0.18	0.16			0.08								

Notes:

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Lane Designations - Decreasing MP OL/L - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	Lane Designations - Increasing MP OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	Lane Type ML - Mainline TL - Turn Lane CO - Crossover	S - Shoulder SS - Side Street BR - Bridge Approach/Departure	Crack Type A - Alligator B - Block C - Combination	Crack Rating 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	Extent L - Light M - Moderate S - Severe	Pavement Condition G - Good F - Fair P - Poor
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Overall Pavement Condition (from DMO field review): Fair		SR No.: 17	Median Curbed (Y/N): N	Paved	Lawn
		Other:		Curb & Gutter (Y/N): N	

Turn Lane Cores (TL)

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE			CRACK				PAVEMENT CONDITION	COMMENTS				
					FC12.5	SP12.5	S	WC								LR	ABC-2		STABILIZED SUBGRADE ³	DEPTH (IN.)			TYPE	CLASS	EXTENT	
10	12.760	TL	RR	Y	1.2			1.4						2.6	10.9									F		
11	12.808	TL	LL	N	1.6				0.6					2.2	8.7									F		
12	17.166	TL	RL	N	1.7			3.7	0.7					6.1	7.9						5.5	C	III	S	P	
AVERAGE					1.50			2.55	0.65					3.63	9.17						5.50					
MAX					1.70			3.70	0.70					6.10	10.90						5.50					
MIN					1.20			1.40	0.60					2.20	7.90						5.50					
LAYER COEF.					0.25	0.25	0.25	UNKW						0.18	0.16						0.08					

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