

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

Cored By: Madrid CPWG

Date: 6/27/2023

Typical Section: 1

W.P.I. No.:		Name:	SR 17			Lanes:	2		
Fin. Proj. ID:	450882-1	From:	N of Waverly Rd. (CR 540)			Shoulder Type and Condition:			
F.A. Project No.:		Roadway ID:	16090000			To:	S of Lake Trask Rd		
County:	Polk	SR No.:	17			Beg MP:	25.056		
			End MP:	27.121	Length:	2.065	Outside:	Fair	
Overall Pavement Condition (from DMO field review):			Fair	Median Curbed (Y/N):		Paved	Lawn	Other:	
							Curb & Gutter (Y/N):	N	

Mainline Cores (ML)																							
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	SP12.5	SP9.5	ARMI	S2	WC						LR		ABC-2	RAP	DEPTH (IN.)	TYPE		
1	25.117	ML	R1	N	1.8		1.4						3.2	7.0								F	
3	26.543	ML	R1	N	1.5	1.2	1.1	0.5		0.8			5.1	8.5								F	
4	26.790	ML	R1	N	1.7	0.5	0.9	0.6		0.8			4.5	8.5				3.0	B	II	M	F	
5	25.448	ML	L1	Y	1.4	0.5	1.0	0.5	1.5	0.6			5.5	7.5			16.0	5.5	B	II	M	F	
6	25.286	ML	R1	Y	1.4	1.1	1.4	0.6					4.5	8.0				2.6	B	II	M	F	
7	25.886	ML	R1	N	1.5	1.1	1.7	0.6		0.6			5.5	8.0			15.0	3.5	B	II	M	P	
8	26.144	ML	R1	N	1.3	0.9	1.2	0.4		0.4			4.2	7.8			16.0	2.4	B	IB	L	P	
9	26.429	ML	R1	Y	1.4	0.7	1.1	0.3		0.5			4.0	8.0				4.0	B	III	S	P	
10	26.713	ML	R1	N	1.5	0.9	1.1	0.5		0.7			4.7	7.5				3.5	B	II	M	P	
11	27.082	ML	R1	N	1.6	1.0	1.8	0.5	0.6	0.5			6.0	8.5				1.6	B	IB	L	F	
12	26.909	ML	L1	Y	1.5	0.7	1.2	0.5	1.0	0.6			5.5	8.0			16.0					F	
13	26.631	ML	L1	N	1.5	0.7	1.2	0.6	0.3	0.5			4.8	6.0				4.8	B	IB	L	F	
14	26.282	ML	L1	N	1.0	1.0	1.0		1.1				4.1	7.5				1.0	B	IB	L	F	SP 12.5 fell apart
15	26.003	ML	L1	Y	1.5	0.6	1.3	0.4	0.6	0.4			4.8	9.0				4.8	B	II	M	F	
16	25.601	ML	L1	N	1.3	0.7	1.4	0.6					4.0	7.0								F	
17	25.205	ML	L1	N	1.5	0.9	1.3	0.4	0.5	0.5			5.1	8.0				2.5	B	II	M	F	
AVERAGE					1.46	0.83	1.26	0.50	0.80	0.58			4.72	7.80			15.75	3.27					
MAX					1.80	1.20	1.80	0.60	1.50	0.80			6.00	9.00			16.00	5.50					
MIN					1.00	0.50	0.90	0.30	0.30	0.40			3.20	6.00			15.00	1.00					
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	UNKW				0.18	0.16	UNKW		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.

OL - Outside Left Shoulder L1 - 1st Lane Left of Centerline	<u>Lane Designations</u> OR - Outside Right Shoulder R1 - 1st Lane Right of Centerline	<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	<u>Lane Type</u> ML - Mainline TL - Turn Lane CO - Crossover S - Shoulder SS - Side Street
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Fin. Proj. ID: 450882-1	From: N of Waverly Rd. (CR 540)	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 16090000	To: S of Lake Trask Rd
County: Polk	SR No.: 17	Beg MP: 25.056
	End MP: 27.121	Length: 2.065
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N):	Other:
	Paved	Lawn
		Other:
		Curb & Gutter (Y/N): N

Turn Lane, Shoulder, and Side Street Cores (TL / S / SS)																										
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	SP12.5	SP9.5	ARMI	S2	WC								LR	ABC-2		RAP		DEPTH (IN.)	TYPE		
2	25.721	TL	RR	N	1.3	3.6	1.9								6.8	16.0			0.0	3.2	B	III	M	F		
18	25.502	S	OR	N	2.0	0.8									2.8		6.2		0.0					F	Measured in hole base fell apart	
19	26.229	S	OR	N	1.7	0.9									2.6		6.9		0.0					F	Measured in hole base fell apart	
20	26.986	S	OR	N	1.7	1.0									2.7		5.3		0.0					F	Measured in hole base fell apart	
21	26.590	S	OL	N	1.5	1.0									2.5		4.0							F		
22	25.815	S	OL	N	1.1	0.8	0.9								2.8	6.5			0.0						P	
23	25.085	S	OL	N	1.3	0.7									2.0		4.5		0.0						F	
24	25.798	TL	LL	N	1.9	0.6	1.3	0.4		0.8					5.0	7.0			0.0						P	
25	25.740	TL	RR	Y	2.3	3.2	1.5								7.0	16.0			0.0	1.9	C	IB	L	P		
26	25.334	SS	NA	Y	2.1	2.3									4.4		7.0		0.0						P	Tindel Camp Rd / Measured in hole. Base crack.
28	26.580	SS	NA	N	1.3	0.8				0.7					2.8	6.0			10.0						P	Almburg Rd
29	26.815	SS	NA	Y			3.7								3.7				0.0						P	Welsh Rd / Reddish-yellow clayey sand below asphalt (SCLY)
AVERAGE					1.65	1.43	1.86	0.40		0.75					3.76	10.30	5.75	5.60	0.91	2.55						
MAX					2.30	3.60	3.70	0.40		0.80					7.00	16.00	7.00	6.90	10.00	3.20						
MIN					1.10	0.60	0.90	0.40		0.70					2.00	6.00	4.50	4.00	0.00	1.90						
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	UNKW						0.18	0.16	UNKW	0.08							

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