

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

Cored By: AREHNA

Coring Completion Date: 10/25/2021

Typical Section: 1

W.P.I. No.:		Name:	I-4/SR 400			Lanes:	6
Fin. Proj. ID:	446346-1	From:	Galloway Road Overpass			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	16320000			Inside:	G
County:	Polk	SR No.:	400			Outside:	G
Overall Pavement Condition (from DMO field review):		Fair	Median Curbed (Y/N):	N	Paved	Lawn	Other:

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	
					FC5	FC12.5	SP12.5	S	CONC							LR		ABC-2		DEPTH (IN.)	TYPE						CLASS
1	3.036	S	IL	N		0.8	3.7					4.5	11.0								F						
2	3.861	S	IL	N		1.6						1.6	14.0				12.0					F					
3	4.970	S	IL	N		1.0	4.4					5.4		3.4								P					
4	6.034	S	IL	N		1.7						1.7	15.0									F					
5	6.763	S	IL	N		1.4	1.3					2.7	15.0									F					
6	3.557	ML	L1	N	1.0		6.4					7.4	12.0				12.0					F					
7	4.558	ML	L1	N	0.9		6.9					7.8	11.0									F					
8	5.543	ML	L1	N	1.0		7.1					8.1	11.0									F					
9	6.553	ML	L1	N					15.4			15.4										F					
10	6.883	ML	L1	N			5.7					5.7	14.0									G					
11	2.994	ML	L2	N	1.0		5.4					6.4	14.0				12.0	6.4	C	III	S	P					
12	3.268	ML	L2	N	1.2		7.1					8.3	10.0									F					
13	4.051	ML	L2	N	0.9		5.8					6.7	14.0									F					
14	4.323	ML	L2	N	0.9		5.8					6.7					14.0	4.0	C	II	M	P					
15	5.214	ML	L2	N	0.8		5.5					6.3	14.0									F					
16	5.449	ML	L2	N	1.2		5.7					6.9	10.0				12.0	6.9	C	III	S	P				Widening Crack	
17	5.623	ML	L2	N	1.1		6.3					7.4	12.0									F				Widening Area	
18	6.254	ML	L2	N					14.2			14.2					6.0	14.2	C	II	M	P					
19	6.797	ML	L2	N					14.8			14.8					6.0					G					
20	6.873	ML	L2	N			5.5					5.5	12.0									G					
21	2.728	ML	L3	N	0.9		7.0					7.9	12.0									F					
22	3.671	ML	L3	Y	0.7		7.5					8.2	10.0									P					
23	4.912	ML	L3	N	0.8		7.5					8.3		6.4			6.0					F					
24	5.991	ML	L3	N	1.1		7.1					8.2		9.6								P					
25	6.663	ML	L3	N					14.7			14.7					6.0					G					
26	6.871	ML	L3	N			6.3					6.3	12.0									G					
27	4.715	ML	L4	N	0.9		6.4					7.3		3.8			8.0					F					
28	5.851	ML	L4	N	0.8		7.1					7.9	12.0									F					
29	6.848	ML	L4	N					14.4			14.4					10.0					F					
30	6.873	ML	L4	N			5.1					5.1	15.0									F					
31	3.418	S	OL	N		1.7						1.7	15.0									F					
32	4.209	S	OL	N		1.7						1.7	14.0									F					
33	5.278	S	OL	N		1.4						1.4	14.0									F					

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Fin. Proj. ID:	446346-1	From:	Galloway Road Overpass	Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	16320000	To:	0.4 Miles East of SR 35 (US 98)
County:	Polk	SR No.:	400	Beg MP:	2.570
				End MP:	6.890
				Length:	4.320
Overall Pavement Condition (from DMO field review):	Fair	Median Curbed (Y/N):	N	Paved	Lawn
				Other:	
				Curb & Gutter (Y/N):	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				PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ⁴	COMMENTS								
					FC5	FC12.5	SP12.5	S	CONC							LR	ABC-2			DEPTH (IN.)	TYPE	CLASS						EXTENT							
67	6.879	ML	R4	N			5.3							5.3	14.0												G								
68	4.675	ML	R4	N	0.7		7.3							8.0		7.2												p							
69	2.926	S	OR	N		1.9								1.9	12.0				12.0								F								
70	3.821	S	OR	N		1.9								1.9	14.0												F								
71	5.011	S	OR	N		1.3	2.2							3.5		6.0				0.5	C	IB	L				P								
72	5.825	S	OR	N			1.6							1.6	18.0												F								
73	6.195	S	OR	N			1.6							1.6	UNK												F						REFUSAL ON LR BASE		
74	5.961	ML	R2	N	1.0		6.7							7.7	12.0												F						Under BR#329		
75	5.127	ML	R2	N	1.1		6.6							7.7	12.0												F						Under BR#328		
76	4.800	ML	R2	N	1.0		8.2							9.2		7.7											F						Under BR#327		
77	3.999	ML	R2	N	0.9		6.9							7.8	12.0				12.0								F						Under BR#326		
78	3.205	ML	R2	Y	0.8		6.3							7.1	12.0												F						Under BR#325		
79	2.888	ML	R2	Y	0.8		6.9							7.7	12.0												F						Under BR#330		
AVERAGE					0.93	1.53	5.98		14.67				6.98	12.47	6.78				9.56	7.66															
MAX					1.20	2.00	8.30		15.40				15.40	18.00	9.70				14.00	14.90															
MIN					0.60	0.80	1.30		13.80				1.20	10.00	3.40				6.00	0.50															
LAYER COEF.					0.00	0.25	0.25	0.25	UNKW					0.18	0.16				0.08																

Notes:

- 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.
- Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
- Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
- The cross slope is approximate and measured in the center of the lane.
- A blank cell indicates measurement was not recorded.
- 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	<u>Lane Type</u> 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 \leq 1/8 inch wide Class II - Cracks > than 1/8 inch and \leq 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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