

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

Cored By: AREHNA

Coring Completion Date: 10/14/2021

Typical Section: 1

W.P.I. No.:		Name: SR 400	Lanes: 6
Fin. Proj. ID: 446347-1		From: Hillsborough County Line	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 16320000	To: East of Galloway Road	Inside: Good
County: Polk	SR No.: 400	Beg MP: 0.000 End MP: 2.565 Length: 2.565	Outside: Good
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 THICKNESS (IN.)	BASE			CRACK					PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ⁴	COMMENTS
					FC9.5	FC5	SP9.5	SP12.5	S	CONC	LR		ABC-3	STABILIZED SUBGRADE ³	DEPTH (IN.)	WIDTH (IN.)	TYPE	CLASS	EXTENT						
5	0.011	ML	L1	N						14.5					10.0						F				Under BR#0297 (CL Road)
6	0.145	ML	L1	N						14.7					10.0						F				
7	0.970	ML	L1	N						14.2					6.0						F				Under BR#0234 (Off Ramp to Polk Parkway)
8	0.984	ML	L1	N						14.5					6.0						F				Under BR#0235 (On Ramp to I-4)
9	1.018	ML	L1	Y						14.4					6.0						F				Under BR#0236 (Clark Road)
10	1.027	ML	L1	N						14.5					6.0						F				
11	1.947	ML	L1	N						14.7					10.0						F				
12	0.000	ML	L2	N						14.7					10.0	14.7	0.6				P				
13	0.094	ML	L2	N						14.6					10.0						F				
14	0.469	ML	L2	N						14.5					5.0	14.5	0.4				P				
15	0.888	ML	L2	N						14.2					5.0	14.2	0.4				P				
16	0.984	ML	L2	N						14.5					6.0						F				
17	1.605	ML	L2	N						15.4					6.0						F				
18	2.654	ML	L2	Y						14.7					8.0						F				Under BR#0298 (Galloway Road)
19	0.053	ML	L3	N						14.4					6.0	14.4	0.3				P				
20	0.323	ML	L3	Y						13.6					5.0	13.6	0.5				P				
21	0.500	ML	L3	N						14.8					5.0						F				
22	0.656	ML	L3	N						15.1					5.0	15.1	0.7				P				
23	1.097	ML	L3	N						14.2					5.0	14.2	0.3				P				
24	1.235	ML	L3	N						15.2					8.0						F				
29	1.724	ML	L3	N						14.8					8.0						F				
30	2.365	ML	L3	N						14.6					10.0						F				
31	0.182	ML	L4	N						14.2					6.0						F				
32	1.264	ML	L4	N						14.8					8.0						F				
33	2.223	ML	L4	N						14.8					10.0						F				
40	0.010	ML	R1	N	0.8			1.9	3.7					6.4							F				Under BR#0297 (CL Road)
41	0.078	ML	R1	N		0.8		1.8	2.7					5.3							F				
42	0.492	ML	R1	N						14.8					5.0						F				
43	1.054	ML	R1	N						14.5					6.0						F				
44	1.157	ML	R1	Y						15.2					6.0						F				
45	1.779	ML	R1	N						14.6					8.0						F				
46	2.205	ML	R1	N		0.8		1.1	4.1					6.0							F				
47	2.431	ML	R1	N		0.8	6.4							7.2							F				Refusal on LR base
48	2.564	ML	R1	N		1.1	1.7							2.8							F				Under BR#0298 (Galloway Road)

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F.A. Project No.:		Roadway ID:	16320000			Inside:	Good
County:	Polk	SR No.:	400			Outside:	Good
Overall Pavement Condition (from DMO field review):		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 THICKNESS (IN.)	BASE			CRACK					PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ⁴	COMMENTS	
					FC9.5	FC5	SP9.5	SP12.5	S	CONC						LR	ABC-3		DEPTH (IN.)	WIDTH (IN.)	TYPE	CLASS	EXTENT						
49	0.115	ML	R2	N		0.8			2.1	2.9					5.8		7.5							F					
50	0.193	ML	R2	N										15.6										F					
51	0.801	ML	R2	N										14.8										G					
52	1.546	ML	R2	N										14.8										F					
53	2.320	ML	R2	N	0.9				1.5	2.1				4.5		10.8								F					
54	2.499	ML	R2	N		1.2	5.8							7.0	8.0									P					
55	0.040	ML	R3	Y		1.2	1.8			2.9				5.9		7.7				11.0	1.9	0.2			P				
56	0.614	ML	R3	N									15.0						5.0					G					
57	0.970	ML	R3	N									14.7						5.0					G				Under BR#0234 (Off Ramp to Polk Parkway)	
58	0.984	ML	R3	Y									14.6						5.0					G				Under BR#0235 (On Ramp to I-4)	
59	1.018	ML	R3	Y									14.2						5.0					G				Under BR#0236 (Clark Road) Large hole lane width crack	
60	1.097	ML	R3	Y									15.1						5.0	15.0	1.0			P					
61	1.415	ML	R3	N									15.1						6.0					G					
67	2.270	ML	R3	N		0.6			1.7	4.7				7.0		6.6			6.0					G					
68	2.394	ML	R3	N		0.7	1.8			4.3				6.8		8.6			6.0					P					
69	0.121	ML	R4	N		0.7			1.4	3.7				5.8		7.4			13.0					F					
70	0.317	ML	R4	N									14.8						5.0					G					
71	1.323	ML	R4	N									14.8						6.0					G					
AVERAGE					0.85	0.87	3.50	1.64	3.46	14.68				12.65	8.00	7.84			6.83	13.07									
MAX					0.90	1.20	6.40	2.10	4.70	15.60				15.60	8.00	10.80			13.00	15.10									
MIN					0.80	0.60	1.70	1.10	2.10	13.60				2.80	8.00	4.80			5.00	1.90									
LAYER COEF.					0.25	0.00	0.25	0.25	0.25	UNKW					0.18	0.20			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	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder	<u>Lane Type</u> ML - Mainline S - Shoulder	<u>Crack Type</u> A - Alligator	<u>Crack Rating</u> Class IB - Hairline cracks that are ≤ 1/8 inch wide	<u>Extent</u> L - Light	<u>Pavement Condition</u> G - Good
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All Cores

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ³	CRACK					PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ⁴	COMMENTS
					FC9.5	FC5	SP9.5	SP12.5	S	CONC						LR	ABC-3				DEPTH (IN.)	WIDTH (IN.)	TYPE					
L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane		R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane				TL - Turn Lane CO - Crossover		SS - Side Street BR - Bridge Approach/Departure		B - Block C - Combination		Class II - Cracks > than 1/8 inch and ≤ 1/4 inch Class III - Cracks > 1/4 inch					M - Moderate S - Severe		F - Fair P - Poor									