



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

Cored By: Madrid CPWG

Coring Completion Date: 12/21/2021

Typical Section: \_\_\_\_\_

W.P.I. No.:		Name:	SR 540			Lanes:	2			
Fin. Proj. ID:	447434-1	From:	US Highway 98			Shoulder Type and Condition:				
F.A. Project No.:		Roadway ID:	16118000			To: South of Polk Parkway off-ramp				
County:	Polk	SR No.:	540			Inside:				
Overall Pavement Condition (from DMO field review):		Fair	Beg MP:	0.017	End MP:	3.424	Length:	3.407	Outside:	Paved
		Median Curbed (Y/N):	N	Paved	Lawn	Other:		Curb & Gutter (Y/N):	N	

**All Cores**

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC12.5	FC9.5	FC3	SP9.5	S	S2	T1	ARMI	LR		ABC-1	RAP	CONC	DEPTH (IN.)		TYPE	CLASS	EXTENT			
30	0.479	TL	RR	N		1.8				7.6					9.4	6.0					2.3	C	III	S	P	
31	0.428	TL	C	N		1.7				3.8	1.2				6.7	9.0					6.7	C	III	S	P	Center Turn Lane
32	0.619	SS	R2	Y			1.1			1.4					2.5	9.0								F	Polk State College Entrance	
33	2.087	SS	R1	Y			1.5			2.9					4.4	18.0								F	Discovery Drive (Circle B Reserve Entrance)	
34	2.159	SS	L1	Y			1.4			1.6					3.0		2.6							F	Jacque Lee Lane	
35	0.084	SS	L1	Y		1.9			2.1						4.0		5.1		15.0					F	Williams Road	
36	0.151	SS	L1	N		1.1				3.4					4.5		4.3		6.0					F	Waterfield Road	
37	0.495	SS	L1	Y		1.5				2.3					3.8	11.5								F	Reynolds Road	
38	0.501	SS	R1	Y		1.5				1.9					3.4	11.0								F	Reynolds Road (Travis Votech Entrance)	
39	3.062	ML	R1	Y		1.5			1.9		1.0				4.4	10.0								P	Approach Slab	
40	3.078	ML	R1	N		1.3			1.5		1.1				3.9	10.0					2.5	C	II	S	P	Departure Slab
41	3.066	S	OL	N			1.3			3.7					5.0			X						F	Asphalt atop concrete box culvert	
42	3.076	S	OR	N		1.6				2.5					4.1		13.0				2.5	C	II	M	F	Base fell apart
43	3.071	ML	L1	N		1.4			1.1		1.1				3.6	9.5								P	23" from top of asphalt to top of box culvert	
44	3.069	ML	R1	N		1.6				2.2					3.8	9.0								F	25" from top of asphalt to top of box culvert	
45	1.878	ML	R1	Y		1.6			1.7		1.2				4.5	9.0					2.3	B	III	M	F	Patched area
46	1.877	ML	L1	Y		1.5			3.1						4.6	16.0								F		
<b>AVERAGE</b>						<b>1.20</b>	<b>1.48</b>	<b>1.16</b>	<b>0.93</b>	<b>1.80</b>	<b>2.21</b>	<b>1.13</b>	<b>1.00</b>		<b>4.07</b>	<b>10.14</b>	<b>4.73</b>	<b>7.41</b>		<b>9.33</b>	<b>2.96</b>					
<b>MAX</b>						<b>1.20</b>	<b>2.20</b>	<b>1.50</b>	<b>1.00</b>	<b>4.30</b>	<b>7.60</b>	<b>1.20</b>	<b>1.00</b>		<b>9.40</b>	<b>18.00</b>	<b>7.50</b>	<b>13.00</b>		<b>15.00</b>	<b>6.70</b>					
<b>MIN</b>						<b>1.20</b>	<b>0.80</b>	<b>0.70</b>	<b>0.80</b>	<b>0.80</b>	<b>0.70</b>	<b>1.00</b>	<b>1.00</b>		<b>1.50</b>	<b>5.00</b>	<b>2.60</b>	<b>4.00</b>		<b>6.00</b>	<b>0.40</b>					
<b>LAYER COEF.</b>						<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.17</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.23</b>	<b>0.00</b>		<b>0.18</b>	<b>0.14</b>	<b>UNKW</b>	<b>UNKW</b>		<b>0.08</b>					

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.

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County:	Polk	SR No.:	540		Outside:	Paved
Overall Pavement Condition (from DMO field review):		Median Curbed (Y/N):	N	Paved	Lawn	Other:
					Curb & Gutter (Y/N):	N

**All Cores**

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<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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