

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

Cored By: C. Allred

Date: 7/9/2020

Typical Section:

W.P.I. No.:		Name: SR 35/ US 98		Lanes: 6	
Fin. Proj. ID: 445468-1		From: Griffin Road		Shoulder Type and Condition:	
F.A. Project No.:		To: Woodland Drive		Inside:	
County: POLK	SR No.: 16210	Beg MP: 2.678	End MP: 3.390	Length: 0.712	Outside:
Median Curbed (Y/N): Y	Paved	Lawn	Other:	Curb & Gutter (Y/N): Y	

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
					FC5	FC12.5	FC9.5	SP2F	SP1F	S		LR	CONC	ABC	SAHM		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	3.410	ML	L3	Y	1.1			3.3			4.4	14.0				6"				P	Raveling	
3	3.328	ML	L2	Y	0.9				1.4	2.0	4.5	14.0				6"				P	Raveling	
4	2.872	ML	L3	N	1.0			4.1			5.1	14.0				6"	2"	C	II	S	P	Severe Raveling
6	2.886	ML	L1	N		1.4			1.5	2.2	5.2	18.0								P	Intersection - Pyramid Pkway	
7	3.262	ML	R4	Y	1.3				3.0		4.3	12.0				6"	2.2	A	III	S	P	
8	3.225	ML	L1	N	1.2				1.1	2.6	4.9	18.0								P	Raveling	
9	2.938	ML	R2	Y	1.1			3.9			5.0	18.0					3.7	C	III	S	P	Severe Raveling
10	3.190	ML	R3	Y	1.0				2.5	2.0	5.5	12.0				6"	3.1"	C	III	S	P	Severe Raveling
11	3.055	ML	R1	N	0.9				2.2	2.4	5.6	16.0					4.5	C	II	S	P	I4 WB Off Ramp
12	3.231	ML	R4	N	1.0			2.3		1.2	4.5	15.0				7"	2.5"	C	II	M	F	
14	3.074	ML	R3	Y	1.9			3.7			5.6	14.0				6"	1.9	C	III	S	P	Severe Raveling
17	3.319	ML	L1	Y	0.9			3.5			4.4	18.0								P	Raveling	
18	2.846	ML	L3	N	1.0				2.0	2.2	5.2	14.0				6"	2.9"	C	II	M	P	Moderate Raveling
19	2.826	ML	L3	Y	1.2			3.6			4.9	14.0				6"	2.5"	C	III	S	P	
20	2.819	ML	L2	Y	1.0				4.1		5.1	12.0				6"	1.7	C	III	S	P	Raveling
21	3.361	ML	L2	Y			1.7		2.3	1.4	5.4	17.0								G	Intersection - Lakeland Park Center Drive	
22	3.383	ML	L2	Y	0.8			1.5		2.1	4.4	12.0								P	Raveling	
24	2.746	ML	R3	Y		1.1		4.4			5.5	14.0				6.0	2.8	C	II	M	F	
25	3.158	ML	R3	N	1.9			4.5			6.4	14.0				6"	3"	C	III	S	P	Severe Raveling
26	3.360	ML	R4	Y			1.2		2.7		3.9	12.0				6"	2.3	B	II	M	F	
27	3.404	ML	R3	N			0.9		2.8		3.7	12.0				6"	1.6	C	II	M	P	
29	3.261	ML	L1	Y	0.6			1.3		1.3	3.2	18.0								P	Raveling	
31	2.692	ML	L2	N			1.5		1.6	3.6	6.7	18.0					1.5	C	IB	L	F	Intersection - Griffon Rd
36	2.803	ML	R1	Y		1.1			4.4		5.5	20.0								G		
37	3.220	ML	R1	N		1.5			3.0		4.5	21.0								G		
38	3.301	ML	R2	Y	0.9				3.6		4.4	18.0								P	Severe Raveling	
40	3.387	ML	L1	N			1.2		1.2	2.0	4.5	18.0								G		
AVERAGE					1.09	1.28		3.28	2.46	2.08	4.90	15.44				6.00	2.47					
MAX					1.90	1.50		4.50	4.40	3.60	6.70	21.00				6.00	4.50					
MIN					0.60	1.10		1.30	1.10	1.20	3.20	12.00				6.00	1.50					

1. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).

2. During the field operation 10% of the cores were checked for stabilization thickness. For pavement design assume 12 inches of thickness for stabilization.

3. The rut measurement is the greater of two measurements from each wheelpath.

4. A blank cell indicates measurement was not recorded.

<p><u>Lane Designations</u></p> <p>OL - Outside Left Shoulder L1 - 1st Lane Left of Centerline</p>	<p><u>Crack Type</u></p> <p>A - Alligator B - Block C - Combination</p>	<p><u>Crack Rating</u></p> <p>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</p>	<p><u>Extent</u></p> <p>L - Light M - Moderate S - Severe</p>	<p><u>Pavement Condition</u></p> <p>G - Good F - Fair P - Poor</p>	<p><u>Lane Type</u></p> <p>ML - Mai TL - Turn Lane CO - Crossover S - Shoulder</p>
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County: POLK	SR No.: 16210	Beg MP: 2.678	End MP: 3.390	Length: 0.712	Outside:
Median Curbed (Y/N): Y		Paved	Lawn	Other:	Curb & Gutter (Y/N): Y

Turn Lane and Crossover Cores (TL/CO)

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		
					FC5	FC12.5	FC9.5	SP2F	SP1F	S		LR	CONC	ABC	SAHM		DEPTH (IN.)	TYPE	CLASS	EXTENT				
2	2.744	TL/CO	L3	Y	0.7					2.2	2.3	5.2	16.0					1.8	C	II	M	P	Moderate Raveling	
15	3.196	TL/CO	L3	N		2.0				3.0		5.0	21.0					2.1	C	IB	L	P		
23	3.373	TL/CO	L3	Y	1.0					3.3		4.3	13.0									P		
28	3.248	TL/CO	R1	Y		1.5				2.8	1.2	5.6	12.0									G		
32	2.844	TL/CO	R1	N		1.2				4.0		5.2	20.0									G		
33	3.054	TL/CO	R1	N		1.5		1.4			2.4	5.5	21.0			6"						G		
34	2.996	TL/CO	R3	N			1.5	3.6				5.1	13.0									G		
41	2.749	TL/CO	R3	Y			2.4	3.8				6.2	13.0					1.0	C	IB	L	F		
AVERAGE					0.85	1.55		2.93	3.06	1.97		5.26	16.13					1.63						
MAX					1.00	2.00		3.80	4.00	2.40		6.20	21.00					2.10						
MIN					0.70	1.20		1.40	2.20	1.20		4.30	12.00					1.00						

1. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).
2. During the field operation 10% of the cores were checked for stabilization thickness. For pavement design assume 12 inches of thickness for stabilization.
3. The rut measurement is the greater of two measurements from each wheelpath.
4. A blank cell indicates measurement was not recorded.

<u>Lane Designations</u> 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 - Mai TL - Turn Lane CO - Crossover	S - Shoulder
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