

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

Cored By: MADRID CPWG

Coring Completion Date: 7/27/2022

Typical Section: _____

W.P.I. No.:		Name: SR 600 (US 92)	Lanes: 4
Fin. Proj. ID: 449233-1		From: Schalamar Creek Drive	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 16020000	To: West of SR 570	Inside: None
County: Polk	SR No.: 600	Beg MP: 5.577	End MP: 7.511
		Length: 1.934	Outside: Paved
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y	Paved N Lawn Y Other: No Center Turn Lane
			Curb & Gutter (Y/N): Inside: Y; Outside: 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	COMMENTS	
					FC5	FC9.5	FC12.5	SP9.5	S	BIND						LR	SCLY				DEPTH (IN.)	TYPE	CLASS	EXTENT			
1	5.608	ML	R2	Y	0.8			1.5	0.5	1.5					4.3	10.0				14.0	4.3	A	III	S	P	Base crack	
2	6.598	ML	R2	Y	0.9			1.2	0.4	1.2					3.7	10.0					3.7	A	III	S	P		
3	6.888	ML	R2	N	1.2			1.4	1.2	1.2					5.0	10.0									F		
4	7.219	ML	L2	N	1.1			1.6	1.4	1.1					5.2	9.0				15.0						F	
5	6.884	ML	L2	Y	0.6			1.3	1.3	1.4					4.6	10.0				0.0						P	Severe raveling
6	6.703	ML	L1	Y		1.2		2.5	11.8						15.5	6.0				0.0						P	On patch, bottom 6" of core shattered, possible settlement reported
7	6.701	ML	L2	Y	0.5			1.4	1.4						3.3	9.0				0.0	3.3	C	III	S	P	Near patch, possible settlement reported	
8	6.333	TL	LR	Y	1.5			1.6	0.7	2.2					6.0	10.0										F	LRTL
9	5.984	ML	L1	N	0.6			1.3	1.8	1.5					5.2	10.0					5.2	C	III	S	F	Base crack	
10	5.984	ML	L2	N	0.9			1.4	4.1						6.4	11.0					6.4	C	III	S	P	Base crack	
11	5.657	ML	R1	N	1.0			0.9	2.0						3.9	9.0				13.0						F	
12	5.946	ML	R2	Y	0.8			1.3	0.9	0.9					3.9	9.0				17.0	3.9	A	III	S	P	Organic content detected in subgrade (sample pulled)	
13	6.143	ML	R1	N	0.9			1.4	2.2						4.5	10.0				0.0						F	
14	6.401	ML	R2	Y	0.7			1.4	1.2	0.8					4.1	9.5										F	
15	6.762	ML	R1	Y	1.2			1.3	2.5						5.0	10.0				14.0						F	
16	6.996	ML	R2	Y	1.0			1.3	1.6	0.9					4.8	9.0					2.2	C	II	M	F		
17	7.265	ML	R1	Y	0.9			1.2	1.3	1.4					4.8	7.0				0.0						F	
18	7.440	ML	R2	N	0.9			1.7	0.5	1.3					4.4	9.0										F	
19	5.786	S	OR	N	1.3			0.5							1.8	5.0										F	
20	6.711	S	OR	N	1.4			0.8							2.2	6.0										F	
21	7.175	S	OL	N	1.3			0.8							2.1	6.0										F	
22	6.155	S	OL	N	1.2			1.3							2.5	6.0										F	
23	5.593	TL	RL	N	1.1			1.2	1.1						3.4	13.5										F	RLTL
24	5.900	TL	RR	N	0.7			1.5	0.9						3.1	12.0										P	RRTL, severe raveling
25	6.229	TL	RL	N	1.2			1.5		2.1					4.8	10.0										P	RLTL, core broke in half
26	7.029	TL	RL	Y	1.0			1.8	1.4						4.2	12.0										F	RLTL
27	7.078	TL	LR	Y	0.8			1.5	1.6						3.9	11.0				0.0	1.8	C	III	S	F	LRTL	

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F.A. Project No.:		Roadway ID:	16020000		To:	West of SR 570					
County:	Polk	SR No.:	600		Beg MP:	5.577	End MP:	7.511			
					Length:	1.934		Outside:	Paved		
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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	COMMENTS
					FC5	FC9.5	FC12.5	SP9.5	S	BIND						LR	SCLY				DEPTH (IN.)	TYPE	CLASS	EXTENT		
28	6.298	TL	LL	N	1.1			1.2	1.5	2.4					6.2	12.0								F	LLTL	
29	5.639	TL	LR	N	1.1			1.5	2.9					5.5	14.5						3.1	C	II	M	P	
30	5.753	CO	CO	N			2.0		3.5					5.5	12.0									F		
31	6.064	CO	CO	N			1.5			2.5				4.0	13.0				0.0					F		
32	6.474	CO	CO	N			1.8		1.9	1.3				5.0	11.0					5.0	C	III	S	F	Base crack	
33	6.875	CO	CO	N			1.7		0.8	1.9				4.4	10.0					4.4	C	II	M	P	Base crack	
34	7.046	CO	CO	N			1.9		1.5	1.8				5.2	11.0					5.2	C	IB	L	F	Bottom-up cracking	
35	7.390	CO	CO	N			1.4		1.6	2.0				5.0	10.0				0.0					F		
36	5.621	SS	R1	Y		1.0		3.1						4.1	14.0				0.0					F	Schalamar Creek Drive	
37	5.760	SS	L1	N		1.2		1.5	2.8					5.5	8.0									P	Palmer Road	
38	6.262	SS	R1	N		1.2		1.5		1.6				4.3	11.0									F	Old Dixie Highway	
39	6.580	SS	TL	Y	1.0			1.6	1.3					3.9	10.0				0.0					F	McC Campbell Road, LRTL, R-turn only.	
40	6.906	SS	TL	Y			1.6		0.6					2.2	11.0									F	Leisure Drive, LRTL, R-turn only.	
41	6.948	SS	R1	N	0.6			1.4						2.0		16.0			0.0					P	Payne Street	
42	7.048	SS	L1	N		1.3		1.1						2.4	15.0				0.0					F	Southampton Boulevard, The Hamptons Ent.	
AVERAGE					0.98	1.18	1.70	1.41	1.88	1.55				4.47	10.04	16.00			4.29	4.04						
MAX					1.50	1.30	2.00	3.10	11.80	2.50				15.50	15.00	16.00			17.00	6.40						
MIN					0.50	1.00	1.40	0.50	0.40	0.80				1.80	5.00	16.00			0.00	1.80						
LAYER COEF.					0.00	0.25	0.25	0.25	0.25	0.20					0.18	0.12			0.08							

