

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

Cored By: Madird CPWG

Coring Completion Date: 10/12/2022

Typical Section: _____

W.P.I. No.:		Name: SR 559 (CR 655)	Lanes: 4
Fin. Proj. ID: 449272-1		From: SR 600 (US 92)	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 16590000	To: Granada Rd.	Inside: N/A
County: Polk	SR No.: 559	Beg MP: 20.753	End MP: 21.764
		Length: 1.011	Outside: Paved
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Paved	Lawn
		Other: Center Turn Lane	Curb & Gutter (Y/N): Y

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		
					FC12.5	FC9.5	SP9.5									LR	ABC-2	SCLY			DEPTH (IN.)	TYPE	CLASS	EXTENT				
1	21.593	ML	R1	Y		1.0	2.0								3.0		10.4						3.0	B	III	S	P	
2	21.348	ML	L2	Y	1.5		2.9								4.4		5.5						3.7	B	III	S	P	
3	20.827	ML	R1	N	1.9		2.1								4.0		5.9					13.0					F	
4	20.977	ML	R2	N	1.4		3.1								4.5		6.1					0.0					P	
5	21.139	ML	R1	Y	1.5		3.2								4.7		4.4					0.0					P	
6	21.284	ML	R2	Y	1.5		3.2								4.7		5.5					14.0	2.9	C	II	M	P	
7	21.523	ML	R1	Y	1.6		8.6								10.2			11.0				0.0					P	
8	21.641	ML	R2	N	1.6		9.5								11.1	12.0						0.0					P	
9	21.700	ML	L1	Y	1.9		3.4								5.3		5.8						1.9	C	III	S	P	
10	21.579	ML	L2	N	1.8		2.7								4.5		6.4						3.7	C	II	M	P	
11	21.463	ML	L1	Y	1.8		2.3								4.1		6.2						2.1	C	II	M	P	
12	21.233	ML	L2	Y	2.0		2.8								4.8		5.6					0.0					F	
13	21.034	ML	L1	N	1.7		2.8								4.5		5.3										F	Core separated at FC / SP interface
14	20.873	ML	L2	N	1.6		2.1								3.7		5.5					13.0					F	
15	20.918	S	OR	N	1.5		2.7								4.2		6.7					0.0					F	
16	21.215	S	OR	N	1.4		3.4								4.8		4.7										F	
17	21.504	S	OR	N	1.5		2.4								3.9		7.2										F	
18	21.658	S	OL	N	2.2		2.3								4.5		6.6										F	
19	21.409	S	OL	N	2.4		1.3								3.7		6.8										F	
20	21.027	S	OL	N	1.8		2.2								4.0		5.7					0.0					F	
21	20.795	TL	LR	Y	1.2		1.9								3.1		8.2					0.0					F	LRTL
22	20.814	TL	LL	N	1.8		1.9								3.7		7.1					0.0					P	LLTL (2nd)
23	20.889	TL	RL	Y	1.5		2.5								4.0		4.3										F	RLTL
24	20.876	TL	RR	N	1.6		2.4								4.0		5.9					15.0					F	RRTL
25	20.922	TL	RL	Y	1.5		2.9								4.4		5.0					0.0					F	LLTL
26	21.008	TL	C	N	1.7		2.9								4.6		5.8						3.0	C	III	M	P	Two-way Left Turn
27	21.247	TL	C	Y	1.5		8.7								10.2			11.0				0.0					F	Two-way Left Turn

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County: Polk	SR No.: 559	Beg MP: 20.753	End MP: 21.764	Length: 1.011	Outside: Paved
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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				
					FC12.5	FC9.5	SP9.5									LR	ABC-2	SCLY			DEPTH (IN.)	TYPE	CLASS	EXTENT						
28	21.492	TL	C	N	1.5		2.6								4.1		6.5							3.7	B	III	S	P	Two-way Left Turn	
29	20.893	SS	NA	N	1.3		10.4								11.7	11.0												P	Shopping Center Entrance	
30	20.927	SS	NA	N	1.8		2.7								4.5		5.4											F	Anarece Ave.	
31	21.042	SS	NA	Y	2.2		0.9								3.1		6.9											F	Gabarone Blvd.	
32	21.052	SS	NA	Y	1.5		2.5								4.0		6.2											F	Marjorie Ave.	
33	21.104	SS	NA	N	2.0		1.0								3.0		6.9											F	Donovan Dr.	
34	21.184	SS	NA	N	2.4		1.6								4.0		5.5											F	Leo Dr.	
35	21.243	SS	NA	Y		1.6	1.4								3.0		4.8											F	Drexel Blvd.	
36	21.246	SS	NA	N	2.0		2.7								4.7		6.0											F	Reiter Dr.	
37	21.309	ML	R2	N	1.5		2.5								4.0		6.9											P	Moved to ML as Billy Melton Lane is private Dr.	
38	21.368	SS	NA	N	2.8		1.2								4.0		7.1											F	Pilaklakah Ave.	
39	21.388	SS	NA	N	2.1		1.5								3.6		5.4											P	Jasmine Rd.	
40	21.431	SS	NA	Y	1.8		2.3								4.1		6.3											P	Seville Rd.	
41	21.433	SS	NA	Y	2.1		1.6								3.7		6.5											F	Lantana Rd.	
42	21.495	SS	NA	Y	2.2		2.3								4.5		6.1											P	Kim St.	
43	21.555	SS	NA	N	2.0		1.5								3.5		7.0											F	Mason St.	
44	21.593	SS	NA	Y	1.7		2.3								4.0		5.0											F	Luna Rd.	
45	21.693	S	OL	N	2.0		2.0								4.0		7.3						0.0	4.0	C	III	S	P	Moved to shoulder from school Dr.	
46	21.722	SS	NA	N	1.7		2.6								4.3		6.2						10.0	2.4	C	II	M	P	Granada Rd.	
47	21.721	SS	NA	Y	1.7		1.8								3.5		7.3											F	Granada Rd.	
AVERAGE					1.77	1.30	2.89								4.64	11.50	6.18	11.00					3.11	3.04						
MAX					2.80	1.60	10.40								11.70	12.00	10.40	11.00					17.00	4.00						
MIN					1.20	1.00	0.90								3.00	11.00	4.30	11.00					0.00	1.90						
LAYER COEF.					0.25	0.25	0.25									0.18	0.16	0.12					0.08							

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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
					FC12.5	FC9.5	SP9.5									LR		ABC-2	SCLY	DEPTH (IN.)	TYPE		

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>	<u>Lane Designations - Increasing MP</u>	<u>Lane Type</u>	<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	A - Alligator	Class IB - Hairline cracks that are ≤ 1/8 inch wide	L - Light	G - Good
L1 - 1st Lane Left of Centerline	R1 - 1st Lane Right of Centerline	TL - Turn Lane	B - Block	Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	M - Moderate	F - Fair
LL/LR - Left/Right Turn Lane	RL/RR - Left/Right Turn Lane	CO - Crossover	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor