

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

Cored By: RCS

Coring Completion Date: 5/29/2024

Typical Section: 1

W.P.I. No.:		Name:	SR 700 (US 98)			Lanes:	2 Lanes
Fin. Proj. ID:	451108-1	From:	Bridge 090016			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	91090000			Inside:	
County:	Okeechobee	SR No.:	700			Outside:	
Overall Pavement Condition (from DMO field review):		Median Curbed (Y/N):	N	Paved	Lawn	Curb & Gutter (Y/N):	
		Beg MP:	0.000	End MP:	4.705	Other:	
		Length:	4.705				

Mainline Cores (ML)

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
					FC3	S	WC	T1	CONC								LR	SAHM	SHEL		CONC	DEPTH (IN.)	TYPE	CLASS		
1	24.517	ML	R1	Y	1.0	1.4									2.4				UNKN					F	09110000 - Highlands County - Departure Slab	
2	1.492	ML	R1	N	1.5	1.4									2.9	12.1					3.3	C	III	S	P	
3	1.606	ML	R1	N	1.8	2.2		0.2							4.2		3.8				4.2	C	III	S	P	Base Crack
4	2.371	ML	R1	N	1.3	8.7									10.0	3.3					10.0	C	III	S	P	
5	3.081	ML	R1	N	1.4	5.1		0.2							6.7		5.8				2.6	C	III	S	P	
6	3.711	ML	R1	N	1.5	4.5		0.3							6.3		5.8		12.0		6.3	C	III	S	P	Base Crack
8	2.227	ML	L1	N	1.4	5.3		0.3							7.0		6.3								F	
9	1.653	ML	L1	Y	1.6	4.2		0.2							6.0		5.5				6.0	C	III	S	P	Base Crack
11	0.078	ML	R1	Y	1.1	0.6									1.7	14.8									F	
12	0.206	ML	L1	Y	1.5	1.4									2.9	9.1					2.0	C	II	M	F	
14	0.281	ML	R1	N	1.1	1.5									2.6	6.9									F	
15	0.352	ML	L1	Y	1.3	2.3									3.6	12.7			12.0		2.6	C	II	M	F	
16	0.538	ML	R1	Y	1.3	1.8									3.1	6.9					3.1	C	III	S	F	
18	0.668	ML	L1	Y	0.9	1.4									2.3	10.2					1.3	C	III	M	F	
20	0.811	ML	R1	Y	1.5	1.5									3.0	11.5					3.0	C	III	S	F	
22	0.944	ML	L1	N	1.2	1.2									2.4	8.6					2.0	C	III	S	P	
24	1.128	ML	R1	Y	1.3	1.2									2.5	12.7					2.5	C	II	M	F	Base Crack
26	1.276	ML	L1	Y	1.4	1.5									2.9	8.2					2.9	C	III	S	F	Base Crack
28	1.422	ML	R1	Y	1.8	1.8									3.6	11.4					2.7	C	II	M	F	
30	1.561	ML	L1	Y	1.6	3.4		0.5							5.5		6.4				0.6	C	II	M	F	
33	1.861	ML	R1	N	1.4	5.1		0.4							6.9		5.6				6.9	C	III	S	F	Base Crack Separated above WC
35	1.942	ML	L1	Y	1.4	4.5		0.2							6.1		6.5		12.0		6.1	C	II	M	P	Base Crack
37	2.061	ML	R1	N	1.3	4.7		0.2							6.2		5.9				6.2	C	II	M	F	Base Crack
39	2.150	ML	L1	Y	1.5	4.9		0.1							6.5		5.5				6.5	C	III	S	P	Base Crack
41	2.443	ML	R1	N	1.6	4.4		0.3							6.3		5.8				6.3	C	III	S	P	Base Crack
43	2.582	ML	L1	N	1.6	4.1		0.1							5.8		4.5				5.8	C	III	S	P	Base Crack
45	2.749	ML	R1	Y	1.3	4.6		0.2							6.1		6.5				6.1	C	III	S	F	Base Crack
47	2.885	ML	L1	Y	1.7	4.2		0.2							6.1		7.0				2.3	C	II	M	F	
49	3.159	ML	R1	Y	1.5	4.8									6.3		5.9				6.3	C	III	S	P	Base Crack
51	3.307	ML	L1	N	1.7	4.2		0.2							6.1		6.8				6.1	C	II	M	F	Base Crack
53	3.495	ML	R1	Y	1.4	5.5		0.4							7.3		5.3								F	
55	3.659	ML	L1	Y	1.5	5.4		0.4							7.3		5.5				0.8	C	II	M	F	
57	3.809	ML	R1	Y	1.4	4.6		0.2							6.2		6.0				12.0	C	III	S	P	Base Crack

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Cored By: RCS

Coring Completion Date: 5/29/2024

Typical Section: 1

W.P.I. No.:	Name: SR 700 (US 98)	Lanes: 2 Lanes
Fin. Proj. ID: 451108-1	From: Bridge 090016	Shoulder Type and Condition:
F.A. Project No.:	To: Bridge 910090	Inside: NA
County: Okeechobee	Beg MP: 0.000	End MP: 4.705
SR No.: 700	Length: 4.705	Outside: Paved
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Paved
	Lawn	Other:
		Curb & Gutter (Y/N): N

Mainline Cores (ML)

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
					FC3	S	WC	T1	CONC								LR	SAHM	SHEL		CONC	DEPTH (IN.)	TYPE	CLASS		
59	3.915	ML	L1	N	1.5	5.2									6.7		5.9				1.1	C	II	M	F	
61	4.130	ML	R1	Y	1.5	5.2		0.5							7.2		6.2				7.2	C	III	S	P	Base Crack
63	4.284	ML	L1	Y	1.5	5.2		0.2							6.9		6.1				6.9	C	III	S	P	Base Crack
65	4.451	ML	R1	N	1.7	6.3		0.2							8.2		3.6				2.4	C	III	S	P	Base Crack Bottom up Crack
67	4.566	ML	L1	Y	1.4	6.4									7.8	5.2					0.5	C	I	L	P	
69	4.660	ML	R1	Y	1.6	2.4									4.0	20.0									F	
73	0.044	ML	R1	Y	1.5	0.9	0.8	0.2							3.4		0.7				3.4	A	III	S	P	
AVERAGE					1.44	3.63	0.80	0.26							5.23	10.24	5.54				12.00	4.18				
MAX					1.80	8.70	0.80	0.50							10.00	20.00	7.00				12.00	10.00				
MIN					0.90	0.60	0.80	0.10							1.70	3.30	0.70				12.00	0.50				
LAYER COEF.					0.17	0.25	UNKW	0.23	UNKW							0.18	0.11	0.18	UNKW	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 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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Typical Section: 1

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Fin. Proj. ID: 451108-1	From: Bridge 090016	Shoulder Type and Condition:
F.A. Project No.:	To: Bridge 910090	Inside: NA
County: Okeechobee	Beg MP: 0.000	End MP: 4.705
SR No.: 700	Length: 4.705	Outside: Paved
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Paved
	Lawn	Other:
		Curb & Gutter (Y/N): N

Turn Lanes, Shoulders and Side Street Cores (SS)

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
					FC3	S	WC	T1	CONC								LR	SAHM	SHEL		CONC	DEPTH (IN.)	TYPE	CLASS		
7	4.203	S	OR	N						7.3								UNKN					F	Equipment Crossing		
10	0.078	S	OR	N	1.4	1.5														2.9	C	III	S	F	Base Crack	
13	0.206	S	OL	N	1.1	0.9																		F		
17	0.538	S	OR	N	1.1	0.9																		F		
19	0.668	S	OL	N	0.8	0.7																		F		
21	0.811	S	OR	N	1.0	1.0																		F		
23	0.944	S	OL	N	1.7																			F		
25	1.128	S	OR	N	1.7														12.0					F		
27	1.276	S	OL	N	1.1	0.9																		F		
29	1.422	S	OR	N	1.3	1.2																		F		
31	1.561	S	OL	N	1.7	4.3																		F		
32	1.815	TL	RL	N	1.6	5.3		0.3																F	Separated above WC	
34	1.861	S	OR	N	1.7	3.5													2.0	C	I	L	F			
36	1.942	S	OL	N	1.5	5.9																		F		
38	2.061	S	OR	N	1.7	3.8													2.4	C	II	M	F			
40	2.150	S	OL	N	1.2	3.5													0.5	C	I	L	F			
42	2.443	S	OR	N	1.1	2.3																		F		
44	2.582	S	OL	N	1.5	2.5													12.0					F		
46	2.749	S	OR	N	1.3	3.0																		F		
48	2.885	S	OL	N	1.2	2.5																		F		
50	3.159	S	OR	N	1.4	3.4																		F		
52	3.307	S	OL	N	1.3	2.0																		F	Bottom up Crack	
54	3.495	S	OR	N	1.4	2.7													0.4	C	I	L	P			
56	3.659	S	OL	N	1.4	3.5													0.4	C	I	L	F			
58	3.809	S	OR	N	1.0	2.3													3.3	C	I	L	P		Base Crack	
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64	4.284	S	OL	N	1.6	3.6																		F		
66	4.451	S	OR	N	1.4	2.9													12.0	3.6	C	I	L	P		
68	4.566	S	OL	N	1.5	4.5																		F		
70	3.525	SS	NA	N	1.4	2.3													3.7	C	III	S	P		Base crack	
71	3.403	SS	NA	N	1.7	1.2		0.4											3.3	C	II	M	P		Base Crack	
72	1.830	SS	NA	N	1.7	9.1														2.9	C	II	M	P		

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	Median Curbed (Y/N): N	Paved
	Lawn	Other:
		Outside: Paved
		Inside: NA
		Curb & Gutter (Y/N): N

Turn Lanes, Shoulders and Side Street Cores (SS)

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
					FC3	S	WC	T1	CONC									LR	SAHM		SHEL	CONC	DEPTH (IN.)	TYPE		
AVERAGE					1.39	2.93		0.35	7.30						4.25	6.05	6.00	10.19		12.00	2.16					
MAX					1.70	9.10		0.40	7.30						10.80	10.10	6.60	13.00		12.00	3.70					
MIN					0.80	0.70		0.30	7.30						1.50	3.60	5.10	7.00		12.00	0.40					
LAYER COEF.					0.17	0.25	UNKW	0.23	UNKW							0.18	0.11	0.18	UNKW	0.08						

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<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 L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	ML - Mainline TL - Turn Lane CO - Crossover S - Shoulder SS - Side Street BR - Bridge Approach/Departure	A - Alligator B - Block C - Combination	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	L - Light M - Moderate S - Severe	G - Good F - Fair P - Poor