

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

Cored By: MADRID CPWG

Coring Completion Date: 12/5/2023

Typical Section: 1

W.P.I. No.:		Name: SR 710		Lanes: 2 Lane Urban Principle Arterial Roadway	
Fin. Proj. ID: 451107-1		From: N of SE 48th St		Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 91060000		To: SW Martin Highway	
County: Okeechobee		SR No.: 710		Beg MP: 5.050	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N		End MP: 9.856	
		Paved		Length: 4.806	
		Lawn		Other:	
				Outside:	
				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	SP12.5	S	S2	T1	WC	LR	ABC-2	SAHM	SHEL		DEPTH (IN)	TYPE	CLASS	EXTENT							
1	7.358	ML	R1	Y	1.0		3.5	2.1	1.6	0.4					8.6			5.5			8.6	C	III	S	F	
2	7.545	ML	R1	N	1.5		3.3	3.1	2.1					10.0			11.5			10.0	C	III	S	F	Base fell apart	
3	7.843	ML	R1	Y	1.0		3.6	2.5	4.4					11.5			1.5			11.5	C	III	S	P	Bottom up cracking	
5	6.456	ML	L1	Y	0.8		4.0	2.7						7.5			8.0			7.5	C	III	S	P	Base fell apart	
6	6.456	ML	L1	N	1.1		4.0	2.0	2.0					9.1			7.9							P	Base fell apart	
7	7.984	ML	R1	Y		1.8	3.0	4.7						9.5	8.5									F	Patch (New Asphalt)	
8	9.105	ML	L1	Y		2.0	4.0	5.3						11.3	8.0					15.0	6.5	C	III	M	F	Patch (New Asphalt); Bottom up crack
9	5.286	ML	R1	Y	1.4		4.9	2.2	1.5	0.5				10.5			6.0			12.0	5.4	C	III	S	P	Clay Mix
10	6.886	ML	R1	Y	1.0		3.5	1.8	2.3	0.3				8.9			5.5							F	Base fell apart	
11	8.789	ML	R1	Y	1.1		3.8	2.5	1.6					9.0			5.0							F	Fell apart	
12	9.659	ML	L1	Y	1.5		3.4	1.8	2.5	0.2				9.4			7.0			4.2		C	II	M	F	Base fell apart; Bottom up crack
13	8.330	ML	L1	Y	1.1		5.2							6.3	7.0					6.3		C	II	M	F	Widening Crack
14	5.877	ML	L1	N	1.5		4.9							6.4		4.8				6.4		C	II	M	P	Widening Crack
31	5.877	ML	L1	N	1.1		4.4							5.5		6.4								P	Soil Sample	
32	5.877	ML	L1	N	1.0		5.5							6.5	11.0									P		
AVERAGE					1.16	1.90	4.07	2.79	2.25	0.35				8.67	8.63	5.60	6.49	6.00	13.50	7.38						
MAX					1.50	2.00	5.50	5.30	4.40	0.50				11.50	11.00	6.40	11.50	6.00	15.00	11.50						
MIN					0.80	1.80	3.00	1.80	1.50	0.20				5.50	7.00	4.80	1.50	6.00	12.00	4.20						
LAYER COEF.					0.17	0.25	0.25	0.25	0.23	UNKW				0.18	0.16	0.11	0.18	0.08								

Notes:

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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.

Lane Designations - Decreasing MP	Lane Designations - Increasing MP	Lane Type	Crack Type	Crack Rating	Extent	Pavement Condition
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
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				

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County: Okeechobee		SR No.: 710		Beg MP: 5.050	
Overall Pavement Condition (from DMO field review): Fair		End MP: 9.856		Length: 4.806	
		Median Curbed (Y/N): N		Paved	
		Lawn		Other:	
				Inside:	
				Outside:	
				Curb & Gutter (Y/N): N	

Turn Lane Cores (TL)

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	SP12.5	S	S2	T1	WC								LR	ABC-2		SAHM	SHEL	DEPTH (IN)	TYPE		
21	5.791	TL	RR	N	1.1		3.4								4.5		8.5								F	Shell mix
22	5.900	TL	LL	N	1.2		4.1	2.1	0.8	0.4					8.6			5.5							F	Base fell apart
23	8.507	TL	RL	N	0.9		4.0	1.5	1.1	0.4					7.9			6.7			3.4	C	II	M	F	
24	9.474	TL	RR	N	0.9		2.4								3.3	12.0									F	
25	9.584	TL	LL	N	0.8		5.2		2.4	0.3					8.7			1.3			8.7	C	III	S	P	Base fell apart
26	9.770	TL	RL	N	1.4		4.5	2.2	2.3	0.4					10.8			4.7							F	Base fell apart
AVERAGE					1.05		3.93	1.93	1.65	0.38					7.30	12.00	8.50	4.55			6.05					
MAX					1.40		5.20	2.20	2.40	0.40					10.80	12.00	8.50	6.70			8.70					
MIN					0.80		2.40	1.50	0.80	0.30					3.30	12.00	8.50	1.30			3.40					
LAYER COEF.					0.17	0.25	0.25	0.25	0.23	UNKW					0.18	0.16	0.11	0.18	0.08							

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Lane Designations - Decreasing MP	Lane Designations - Increasing MP	Lane Type	Crack Type	Crack Rating	Extent	Pavement Condition	
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

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F.A. Project No.:		Roadway ID: 91060000		To: SW Martin Highway	
County: Okeechobee		SR No.: 710		Beg MP: 5.050 End MP: 9.856 Length: 4.806	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N		Paved Lawn Other:	
				Inside:	
				Outside:	
				Curb & Gutter (Y/N): N	

Shoulder Cores (S)

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	SP12.5	S	S2	T1	WC								LR	ABC-2		SAHM	SHEL	DEPTH (IN)	TYPE		
4	7.404	S	OR	N	0.9		3.2								4.1		2.4								F	
15	5.515	S	OR	N	1.2		2.9								4.1		3.3								F	
16	7.109	S	OR	N	0.6		4.2								4.8		3.3								F	Base Crack
17	8.945	S	OR	N	1.1		2.9								4.0		2.5								F	Base
18	9.793	S	OL	N	1.3		3.6								4.9		3.6								F	Soil Sample
19	8.190	S	OL	N	1.1		2.7								3.8		3.1								F	
20	6.229	S	OL	N	1.0		3.0								4.0		3.4								F	
AVERAGE					1.03		3.21								4.24		3.09				7.00	4.40				
MAX					1.30		4.20								4.90		3.60				7.00	4.80				
MIN					0.60		2.70								3.80		2.40				7.00	4.00				
LAYER COEF.					0.17	0.25	0.25	0.25	0.23	UNKW					0.18	0.16	0.11	0.18	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/L - 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
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		Median Curbed (Y/N): N		Paved	
		Lawn		Other:	
				Curb & Gutter (Y/N): N	

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	SP12.5	S	S2	T1	WC						LR	ABC-2	SAHM	SHEL		DEPTH (IN)	TYPE	CLASS	EXTENT		
27	5.835	SS	NA	Y		2.4	2.1								4.5		4.8			0.0					F	SE 86th Blvd / Soil sample was taken
28	8.557	SS	NA	Y	1.5		3.3								4.8	7.0									F	SE 128th Ave
29	9.521	SS	NA	Y	1.1		2.8								3.9	12.0									P	SE 126th Blvd
30	9.856	SS	NA	N	1.0		3.1								4.1		4.3								F	SW Martin Hwy
AVERAGE					1.20	2.40	2.83								4.33	9.50	4.55		0.00							
MAX					1.50	2.40	3.30								4.80	12.00	4.80		0.00							
MIN					1.00	2.40	2.10								3.90	7.00	4.30		0.00							
LAYER COEF.					0.17	0.25	0.25	0.25	0.25	0.23	UNKW				0.18	0.16	0.11	0.18	0.08							

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