

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: MADRID CPWG

Coring Completion Date: 1/30/2025

Typical Section: 1

W.P.I. No.:		Name:	SR 70				Lanes:	2 Lane Rural Principal Arterial Roadway			
Fin. Proj. ID:	414506-4		From:	US 27				Shoulder Type and Condition:			
F.A. Project No.:		Roadway ID:	09060000		To:	CR 29		Inside:			
County:	Highlands	SR No.:	70	Beg MP:	14.464	End MP:	17.227	Length:	2.763	Outside:	
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 <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC5	FC12.5	FC9.5	SP12.5	SP9.5	S	FC12.5	SP12.5				LR	ABC-2	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT			
1	15.239	ML	R1	Y		1.3		2.0		1.4					4.7	11.0					4.7	B	III	S	P	Alligator cracking	
2	16.041	ML	R1	Y		1.3		2.0							3.3	10.0					2.5	A	II	M	P		
4	17.091	ML	L1	Y		1.3		1.5		10.2					13.0	12.0					3.8	B	II	M	P		
5	16.302	ML	L1	N		1.6		1.7		1.3					4.6	9.0									P		
6	14.659	ML	R1	N	1.2			2.0							3.2	4.0				14.0					F		
7	14.963	ML	R1	N		1.7		2.1		1.6					5.4	9.0									F		
8	15.377	ML	R1	N		1.3		2.0		1.5					4.8	10.0									F		
9	15.770	ML	R1	Y		1.5		1.6		2.2					5.3	10.0					4.3	B	II	S	F		
10	16.153	ML	R1	N		1.6		1.6		1.4					4.6	12.0									F		
11	16.345	ML	R1	Y		1.5		1.6		1.1					4.2	10.0									F		
12	16.753	ML	R1	N				1.5			1.2	2.8			5.5		6.5								F		
13	17.123	ML	R1	Y		1.2		2.0		9.8					13.0	9.0					6.1	B	II	S	F		
14	16.927	ML	L1	Y		1.3		1.7		2.2					5.2		12.1								F		
15	16.600	ML	L1	N		1.5		2.5		1.2					5.2	12.0									P		
16	16.211	ML	L1	Y		1.3		3.0							4.3	12.0				18.0	4.3	B	III	S	P		
17	15.870	ML	L1	Y		1.3		2.5		1.7					5.5	12.0									P		
18	15.611	ML	L1	Y		1.5		1.4		2.3					5.2	11.0					5.0	B	II	S	F		
19	15.237	ML	L1	N		1.7		2.1		0.9					4.7	12.0									F		
20	14.869	ML	L1	N		1.5		2.0							3.5	12.0					3.5	B	III	S	P		
21	14.584	ML	L1	N	1.0			2.6							3.6	12.0									F		
AVERAGE					1.10	1.44		1.97		2.77	1.20	2.80			5.44	10.50	9.30			16.00	4.28						
MAX					1.20	1.70		3.00		10.20	1.20	2.80			13.00	12.00	12.10			18.00	6.10						
MIN					1.00	1.20		1.40		0.90	1.20	2.80			3.20	4.00	6.50			14.00	2.50						
LAYER COEF.					0.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25				0.18	0.16	0.18		14.00							

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.

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	S - Shoulder	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	SS - Side Street	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	BR - Bridge Approach/Departure	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor

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County:	Highlands		SR No.:	70		Beg MP:	14.464	End MP:	17.227	Length:	2.763	Inside:	
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	N	Paved	Lawn	Other:		Curb & Gutter (Y/N):	N	

Shoulder and Turn Lane Cores (S/TL)																											
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC5	FC12.5	FC9.5	SP12.5	SP9.5	S	FC12.5	SP12.5				LR	ABC-2	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT			
3	16.702	S	OR	N			1.0		2.0	1.3					4.3	8.0					4.3	B	III	S	P		
22	14.714	S	OR	N	2.0			1.3							3.3	3.0									F		
23	15.074	S	OR	N			1.0		1.0	0.7					2.7	10.0									F		
24	15.374	S	OR	N		1.5		2.5							4.0		5.0								F		
25	15.731	S	OR	N		1.5		1.6							3.1		3.7								F		
26	16.023	S	OR	N		1.6		1.6		5.5					8.7	5.5									F		
27	16.389	S	OR	N		1.2		2.5							3.7	11.0				17.0					F		
28	16.894	S	OR	N		1.6		1.5		2.5					5.6	10.0									F		
29	17.149	S	OR	N		1.7		2.5		1.2					5.4	13.0									F		
30	16.927	S	OL	N	1.6			1.5		2.9					6.0	9.0									F		
31	16.549	S	OL	N		2.0		2.5		1.5					6.0	9.0									F		
32	16.257	S	OL	N		1.4		2.1							3.5	9.0									F		
33	15.903	S	OL	N		1.7		1.0							2.7	8.0									F		
34	15.552	S	OL	N		1.4		2.6							4.0	12.0									F		
35	15.294	S	OL	N		1.5		1.3							2.8	11.0				18.0					F		
36	14.918	S	OL	N		1.7		1.0							2.7	12.0									F		
37	14.635	S	OL	N	1.1			2.1							3.2	12.0									F		
38	15.448	TL	RL	N		1.3		2.5		1.2					5.0	11.0									F		
39	15.681	TL	RL	N		1.1		2.2		1.3					4.6	10.0									P		
40	15.936	TL	RL	N		1.4		1.7		1.2					4.3	12.0									F		
AVERAGE					1.57	1.51	1.00	1.89	1.50	1.93					4.28	9.75	4.35			17.50	4.30						
MAX					2.00	2.00	1.00	2.60	2.00	5.50					8.70	13.00	5.00			18.00	4.30						
MIN					1.10	1.10	1.00	1.00	1.00	0.70					2.70	3.00	3.70			17.00	4.30						
LAYER COEF.					0.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25				0.18	0.16	0.18		17.00							

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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	OR/IR - Outside/Inside Shoulder	ML - Mainline	S - Shoulder	A - Alligator	Class IB - Hairline cracks that are ≤ 1/8 inch wide	L - Light	G - Good
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Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):		N		Paved		Lawn		Other:		Curb & Gutter (Y/N):			N	

Side Street Cores (SS)																											
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC5	FC12.5	FC9.5	SP12.5	SP9.5	S	FC12.5	SP12.5				LR	ABC-2	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT			
41	14.750	SS	NA	Y		1.8									1.8	10.0						1.5	B	III	S	P	Myers Road
43	16.984	SS	NA	Y		1.0									1.0	5.0										P	Hall Road
44	16.363	SS	NA	Y		1.4		2.7							4.1	12.0										F	Bear Road
45	15.987	SS	NA	Y		2.0		1.0							3.0	12.0										P	Citrus Blvd
46	15.735	SS	NA	N		1.3		1.0		0.7					3.0			7.0								P	Highlands Blvd
47	15.485	SS	NA	N		1.5		0.9							2.4	9.0										F	Broward Ave
48	15.047	SS	NA	Y		0.8		1.0							1.8	8.0				12.0						P	Ekhoff Lane
49	14.977	SS	NA	Y		1.4									1.4		2.0									P	N Edge Road
50	14.730	SS	NA	Y		1.1		1.4							2.5	7.0					2.5	B	II	S	P	Placid Pine Drive	
AVERAGE						1.37		1.33		0.70					2.33	9.00	2.00	7.00		12.00	2.00						
MAX						2.00		2.70		0.70					4.10	12.00	2.00	7.00		12.00	2.50						
MIN						0.80		0.90		0.70					1.00	5.00	2.00	7.00		12.00	1.50						
LAYER COEF.						0.00	0.25	0.25	0.25	0.25	0.25	0.25				0.18	0.16	0.18		12.00							

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