

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: MADRID CPWG

Coring Completion Date: 1/24/2025

Typical Section: 1

W.P.I. No.:				Name: SR 70				Lanes: 2 Lane Rural Principal Arterial Roadway			
Fin. Proj. ID: 414506-3-32-01				From: Jefferson Ave.							
F.A. Project No.:		Roadway ID: 09060000		To: US 27				Inside:			
County: Highlands		SR No.: 70		Beg MP: 10.217		End MP: 14.464	Length: 4.247	Outside:			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): N		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	
					FC12.5	FC9.5	SP12.5	SP9.5	S	WC	T1	WC				LR	ABC-2	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT			
1	11.112	ML	R1	N	1.5		1.0		2.4	0.6					5.5	8.0					1.5	B	III	M	P	Branch Cracking	
2	13.800	ML	R1	N	1.5		1.1		3.0	1.0					6.6	8.0					0.6	B	IB	L	P		
3	13.866	ML	L1	Y	1.2		2.5		1.1	0.7					5.5	6.5				18.0	4.3	B	II	S	P		
4	13.775	ML	L1	Y	1.5		1.6		2.7	0.7					6.5	7.0					2.1	A	IB	L	P	Longitudinal Cracking	
5	13.606	ML	L1	Y	1.3		1.5		1.0						3.8	8.6					3.8	A	II	S	P	Alligator Cracking	
6	10.266	ML	R1	Y	1.7		1.8		3.9						7.4	8.0									F		
7	10.638	ML	R1	Y	1.7		1.2		3.2	0.3					6.4	6.5					2.0	B	IB	M	F		
8	10.787	ML	R1	N	2.0		1.5		2.2	0.5					6.2	9.0									P		
9	11.031	ML	R1	N	1.7		1.6		1.1	0.7					5.1	8.0									P		
10	11.284	ML	R1	N	1.4		1.8		2.3	0.5					6.0	9.0									P		
11	11.966	ML	R1	N	1.5		1.2		2.0	0.8					5.5	9.0									P		
12	12.345	ML	R1	N	1.7		1.6		1.5		0.7	0.9			6.4	8.0									P		
13	12.644	ML	R1	N	1.3		1.5		1.0		0.6	0.4			4.8	9.0									P		
14	12.946	ML	R1	Y	1.1		2.1		1.1	0.9					5.2	8.0									P		
15	13.196	ML	R1	N	1.7		2.3		2.6	0.7					7.3	8.5									F		
16	13.633	ML	R1	N	1.7		1.1		1.5	0.7					5.0	8.0									F		
17	14.001	ML	R1	N	1.3		1.0		1.7	0.7					4.7	8.0									P		
18	14.328	ML	R1	Y			4.5								4.5			8.5							F		
19	14.304	ML	L1	Y			4.8								4.8	6.0				12.0					F		
20	14.067	ML	L1	Y		1.0			2.5		1.0	0.6			5.1	7.0									F		
21	13.683	ML	L1	Y	1.5		2.0				1.0	0.2			4.7	8.0					3.5	B	II	M	F		
22	13.332	ML	L1	Y	1.8		1.6		1.7	0.9					6.0	6.5									F		
23	12.996	ML	L1	Y	1.7		1.5		1.1		0.6	0.8			5.7	9.0									F	Separation with crack	
24	12.681	ML	L1	Y	1.6		1.6		1.2	0.9					5.3	8.5					5.5	B	III	S	F		
25	12.380	ML	L1	N	1.5		1.5		1.0		0.7	0.4			5.1	8.0					3.3	B	II	M	F		
26	11.981	ML	L1	N	1.7		1.5		2.3	0.5					6.0	8.0									F		
27	11.672	ML	L1	Y	1.6		1.6		2.2		1.3	0.3			7.0	8.0									P		
28	11.265	ML	L1	N	1.6		1.6		2.2	0.9					6.3	9.0									F		
29	11.050	ML	L1	Y	1.4		1.5		2.4	0.6					5.9	8.0					2.7	B	II	M	F		
30	10.770	ML	L1	Y	1.2		1.2		3.1	0.7					6.2	8.0				18.0					F		
31	10.391	ML	L1	N	1.8				5.5		0.5	0.5			8.3	7.0				12.0					F		
AVERAGE					1.54	1.00	1.77		2.13	0.70	0.80	0.51			5.77	7.94		8.50		15.00	2.93						
MAX					2.00	1.00	4.80		5.50	1.00	1.30	0.90			8.30	9.00		8.50		18.00	5.50						
MIN					1.10	1.00	1.00		1.00	0.30	0.50	0.20			3.80	6.00		8.50		12.00	0.60						
LAYER COEF.					0.25	0.25	0.25	0.25	0.25	UNKW	0.23	UNKW				0.18	0.16	0.18		0.08							

Notes:

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: MADRID CPWG

Coring Completion Date: 1/24/2025

Typical Section: 1

W.P.I. No.:			Name: SR 70			Lanes: 2 Lane Rural Principal Arterial Roadway		
Fin. Proj. ID: 414506-3-32-01			From: Jefferson Ave.					
F.A. Project No.:		Roadway ID: 09060000	To: US 27			Inside:		
County: Highlands		SR No.: 70	Beg MP: 10.217		End MP: 14.464	Length: 4.247	Outside:	
Overall Pavement Condition (from DMO field review): Fair			Median Curbed (Y/N): N		Lawn	Other:	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	
					FC12.5	FC9.5	SP12.5	SP9.5	S	WC	T1	WC				LR	ABC-2	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT			
32	10.331	S	OR	N	1.5		2.5								4.0		2.0							F			
33	10.662	S	OR	N	1.5		1.8								3.3	5.0								F			
34	10.958	S	OR	N	1.4		0.6								2.0	5.0								F			
35	11.395	S	OR	N	1.8										1.8	5.0								F			
36	11.632	S	OR	N	1.5		0.7								2.2	5.5								F			
37	11.945	S	OR	N	1.5		1.2								2.7	5.0								F			
38	12.292	S	OR	N	2.0										2.0	5.0								F			
39	12.676	S	OR	N	2.0										2.0	5.5								F			
40	12.918	S	OR	N	1.7		0.9								2.6	5.0								F			
41	13.230	S	OR	N	1.8		1.5								3.3			5.0						F			
42	13.543	S	OR	N	2.1		2.2		1.7						6.0	6.0								F			
43	13.680	S	OR	N	1.5										1.5	6.0								F			
44	14.255	S	OR	N	4.7										4.7	7.0								F			
45	14.238	S	OL	N			1.2		0.7						1.9	7.0				12.0				F			
46	13.898	S	OL	N	1.5		1.4								2.9	7.0								F			
47	13.465	S	OL	N	1.5		0.9		4.2						6.6	6.0								F			
48	13.094	S	OL	N	1.6		2.7								4.3	5.0								F			
49	12.743	S	OL	N	1.6										1.6	5.0								F			
51	12.097	S	OL	N		1.0		2.6							3.6	6.0								F			
52	11.743	S	OL	N		1.5	3.2								4.7	7.0								F			
53	11.478	S	OL	N	1.5										1.5	5.0								F			
54	11.237	S	OL	N	1.7		1.9								3.6	5.0								F			
55	10.740	S	OL	N	1.4		3.1								4.5	5.0							F	Surface crack			
56	10.502	S	OL	N	1.5		1.5								3.0	5.5							F				
57	10.238	S	OL	N	1.5		2.2		1.9						5.6	5.0				15.0				F			
AVERAGE					1.76	1.25	1.74	2.60	2.13						3.28	5.59	2.00	5.00		13.50							
MAX					4.70	1.50	3.20	2.60	4.20						6.60	7.00	2.00	5.00		15.00							
MIN					1.40	1.00	0.60	2.60	0.70						1.50	5.00	2.00	5.00		12.00							
LAYER COEF.					0.25	0.25	0.25	0.25	0.25	UNKW	0.23	UNKW				0.18	0.16	0.18		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.

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County:	Highlands		SR No.:		70		Beg MP:		10.217	End MP:	14.464	Length:	4.247	Outside:		
Overall Pavement Condition (from DMO field review):					Fair		Median Curbed (Y/N):		N		Lawn	Other:			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	
					FC12.5	FC9.5	SP12.5	SP9.5	S	WC	T1	WC				LR	ABC-2	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT			
58	13.418	TL	RR	N	1.5		1.1		3.1						5.7		4.0						F				
59	13.844	TL	RR	N		1.2		1.5	3.3						6.0		9.6						F				
60	13.910	TL	LL	N	1.5		1.0		2.0		0.6	0.7			5.8	8.0							P				
61	13.492	TL	LL	N	1.6				3.0		0.6	0.4			5.6	9.0							F				
62	10.232	TL	LL	N	1.5		1.5		1.8	0.6					5.4	8.0				14.0	1.5	B	II	M	F		
AVERAGE					1.53	1.20	1.20	1.50	2.64	0.60	0.60	0.55			5.70	8.33	6.80			14.00	1.50						
MAX					1.60	1.20	1.50	1.50	3.30	0.60	0.60	0.70			6.00	9.00	9.60			14.00	1.50						
MIN					1.50	1.20	1.00	1.50	1.80	0.60	0.60	0.40			5.40	8.00	4.00			14.00	1.50						
LAYER COEF.					0.25	0.25	0.25	0.25	0.25	UNKW	0.23	UNKW				0.18	0.16	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/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: 10.217		End MP: 14.464	Length: 4.247	Outside:
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): N		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
					FC12.5	FC9.5	SP12.5	SP9.5	S	WC	T1	WC				LR	ABC-2	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT		
63	10.503	SS	NA	Y	1.6		1.9								3.5	5.0									F	
64	13.455	SS	NA	Y	1.3		2.0		2.4						5.7	8.0									P	
65	13.723	SS	NA	Y	1.5		1.5		1.0						4.0	1.5									P	Bottom up crack
66	13.875	SS	NA	Y	1.3		1.2		4.6						7.1		7.7								P	
67	14.230	SS	NA	Y		1.1									1.1			3.0							P	
68	13.393	SS	NA	Y	1.5		1.5			0.4					3.4	10.0									P	
69	11.135	SS	NA	Y	1.4										1.4		2.0								P	
AVERAGE					1.43	1.10	1.62		2.67	0.40					3.74	6.13	4.85	3.00								
MAX					1.60	1.10	2.00		4.60	0.40					7.10	10.00	7.70	3.00								
MIN					1.30	1.10	1.20		1.00	0.40					1.10	1.50	2.00	3.00								
LAYER COEF.					0.25	0.25	0.25	0.25	0.25	UNKW	0.23	UNKW				0.18	0.16	0.18		0.08						

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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
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