

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

Cored By: Tierra, Inc.

Coring Completion Date: 1/13/2022

Typical Section: _____

W.P.I. No.:	Name: SR 25 (US 27)	Lanes: OL, LR, L2, L1, LL, CO, RL, R1, R2, RR, and OR
Fin. Proj. ID: 446207-1-32-01	From: Shoreline Dr.	Shoulder Type and Condition:
F.A. Project No.: D121 105 B	Roadway ID: 09010000	To: Davis Ganies Rd.
County: Highlands	SR No.: 25	Beg MP: 16.317
		End MP: 22.730
		Length: 6.413
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N):	Curb & Gutter (Y/N): N
	Paved	Lawn
		Other:

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
					FC5	FC3	FC9.5	S	S2	SP9.5	BIND					LR	SAHM	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	16.373	TL	LL	Y	1.2			1.1	2.4						4.7	12.0									P	
2	16.403	S	OL	Y	0.8			1.6	1.5						3.9			12.0							P	
3	16.433	TL	RR	Y	1.0			2.1	2.2						5.3	8.6									P	
4	16.443	CO	CO	Y	1.3			2.1	4.1						7.5	12.3									P	
5	16.483	ML	L2	Y	0.8			4.2			1.3				6.3	8.8			12.0						P	
6	16.533	TL	RL	Y	0.8			2.0	2.9						5.7	10.5			12.0	2.5	B	III	L		P	
7	16.587	TL	LR	Y	1.0			2.4	2.1						5.5	12.5				2.0	B	III	L		P	
8	16.607	CO	CO	Y	1.2			1.8	3.2						6.2	10.8									P	
9	16.667	TL	LL	Y	1.0			1.1	3.2						5.3	7.5				2.5	B	IB	L		P	
10	16.697	TL	RR	Y	1.0			1.5	2.7						5.2	13.8									P	
11	16.747	ML	R1	Y	0.9			2.8			1.8				5.5	12.5									P	
12	16.857	S	OL	Y	0.9			1.8	0.9						3.6	13.3									P	
13	16.936	ML	L1	Y	1.0			3.4	1.1						5.5	12.5									P	
14	16.976	TL	RR	Y	1.0			1.2	2.7						4.9	10.0									P	
15	17.006	CO	CO	Y	1.1			2.7	3.6						7.4	11.6									P	
16	17.066	TL	RL	Y	0.9			1.2	3.5						5.6	10.3				2.2	B	IB	L		P	
17	17.076	S	OR	Y	0.6			1.4			2.0				4.0	12.0									P	
18	17.132	ML	R2	Y	0.8			2.9			0.8				4.5	12.5				0.8	B	II	L		P	Mechanical gouging observed in pavement surface
19	17.162	TL	LR	Y					3.2	1.8					5.0	11.0									F	
20	17.282	TL	RR	Y	1.0			2.1	2.4						5.5	11.5									P	
21	17.322	CO	CO	Y	1.0			1.3	3.2						5.5	10.5									P	
22	17.362	TL	LL	Y	0.9			1.3	3.5						5.7	10.3				0.9	B	IB	L		P	
23	17.462	ML	L2	Y	0.9			2.7	3.9						7.5	10.5				0.4	B	IB	M		P	Bottom-up crack
24	17.680	ML	R1	Y	0.7			3.3			1.1				5.1	12.8			12.0						P	
25	17.790	S	OR	Y	0.7			1.4			0.9				3.0			11.0							P	
26	17.871	TL	RR	Y				1.9		1.9	1.0				4.8	12.3									G	New pavement

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Fin. Proj. ID: 446207-1-32-01	From: Shoreline Dr.	Shoulder Type and Condition:
F.A. Project No.: D121 105 B	Roadway ID: 09010000	To: Davis Garies Rd.
County: Highlands	SR No.: 25	Beg MP: 16.317
		End MP: 22.730
		Length: 6.413
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N):	Other:
	Paved	Lawn
		Other:
		Curb & Gutter (Y/N): N

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
					FC5	FC3	FC9.5	S	S2	SP9.5	BIND						LR	SAHM	SHEL			DEPTH (IN.)	TYPE	CLASS		
27	17.871	TL	RL	Y	0.8			3.5	2.2						6.5	13.0									P	
28	17.901	CO	CO	Y	0.8			1.7	2.4						4.9	13.0									P	
29	17.941	ML	L1	Y	1.0			2.8	1.8						5.6	11.3									P	
30	17.951	TL	LR	Y	0.8			1.6	3.1						5.5	12.5									P	
31	18.064	TL	RR	Y	1.1			1.5	2.4						5.0	12.0									P	
32	18.134	TL	LR	Y	0.9			2.7							3.6	12.5									P	
33	18.134	ML	R2	Y	0.8			4.5				0.7			6.0	10.0									P	Ravelling FC
34	18.144	TL	LL	Y	1.1			1.5	3.4						6.0	10.0									P	
35	18.184	S	OL	Y	0.8			3.4							4.2	4.8									P	
36	18.254	TL	LR	Y	0.7			4.2							4.9	13.0					2.3	B	IB	L	P	
37	18.363	CO	CO	Y	0.9			2.0	3.1						6.0	11.0					6.0	B	III	M	P	Possible pavement joint
38	18.393	TL	RL	Y	0.8			1.3	2.9						5.0	12.0									P	
39	18.443	TL	LR	Y	0.6			4.7							5.3	10.5					5.3	B	IB	L	P	Possible widening
40	18.483	ML	L2	Y	1.0			3.0	2.5		1.4				7.9	8.0									P	
41	18.549	CO	CO	Y	1.0			2.0	2.0						5.0	7.0									P	
42	18.621	S	OL	Y	0.6			3.0	3.9						7.5	10.8									P	
43	18.621	TL	RR	Y	1.0			2.9	2.3						6.2	12.8					1.0	B	II	M	P	
44	18.621	TL	RL	Y	1.1			1.5	4.2						6.8	10.3									P	
45	18.721	TL	LR	Y	0.7			1.4	4.3						6.4	11.5					3.5	B	II	M	P	
46	18.741	ML	R1	Y	1.0			3.2			0.8				5.0	11.0					12.0				P	
47	18.741	TL	LL	Y	0.8			1.5	3.4						5.7	12.3									P	
48	18.823	TL	RR	Y	1.1			3.5			1.8				6.4	10.5									P	
49	18.853	CO	CO	Y	0.8			2.5	3.7						7.0	10.5									P	
50	18.923	ML	L1	Y			1.2		2.6	2.5	1.9				8.2	6.8									F	Core measured in hole
51	18.943	TL	RL	Y	0.9			2.9							3.8	8.0									P	
52	19.019	TL	LL	Y	0.7			1.5	3.3						5.5	11.5					2.2	B	II	M	P	Core measured in hole

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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
					FC5	FC3	FC9.5	S	S2	SP9.5	BIND						LR	SAHM	SHEL			DEPTH (IN.)	TYPE	CLASS		
79	20.796	TL	RR	Y			1.1			5.0					6.1	9.8									F	
80	20.826	ML	R1	Y	0.8			4.0							4.8	12.0									P	
81	20.896	CO	CO	Y				0.5	3.4	2.0					5.9	11.3									G	
82	21.026	ML	L1	Y	0.7			2.8	2.2		1.5				7.2	9.8									P	
83	21.026	TL	RL	Y	0.9			4.3							5.2	12.8									P	
84	21.096	TL	LR	Y	0.9			4.5							5.4	13.8									P	
85	21.116	S	OR	Y	1.0			3.0							4.0	12.0									P	
86	21.278	CO	CO	Y	1.7			4.5							6.2	10.8					6.2	B	II	L	P	
87	21.308	ML	R2	Y	0.9			2.9			1.2				5.0	9.0									P	
88	21.398	S	OL	Y	0.7			2.1							2.8	12.0									P	
89	21.564	ML	L2	Y	0.6			3.7			1.7				6.0	10.0									P	
90	21.614	TL	RL	Y	1.2			4.9							6.1	7.8									P	
91	21.684	TL	LR	Y	1.0			4.5							5.5	9.5					5.5	B	IB	L	P	
92	21.774	ML	R1	Y	0.9			3.6							4.5	13.5									P	
93	21.794	CO	CO	Y	1.4			3.0							4.4	8.5									P	
94	21.894	TL	RR	Y	0.6			5.1							5.7	12.5									P	
95	21.964	TL	LL	Y	1.1			5.3							6.4	10.5									P	
96	22.034	ML	L1	Y	0.7			7.2			1.6				9.5	8.5									P	
97	22.114	CO	CO	Y	0.9			2.8							3.7	14.5									P	
98	22.184	S	OR	Y	0.6			2.2							2.8	13.0									P	
99	22.284	ML	R2	Y	0.7			2.7			2.0				5.4	12.0									P	Ravelling in area
100	22.416	S	OL	Y	1.0			3.0							4.0	8.0									P	
101	22.406	ML	L2	Y	0.7			4.8			1.2				6.7	8.5					0.7	B	III	M	P	Mechanical gouging observed in pavement surface
102	22.524	S	OR	Y	1.0			4.5							5.5	10.5									P	
103	22.534	TL	RL	Y	1.1			4.6							5.7	11.5					2.6	B	III	M	P	
104	22.554	CO	CO	Y	1.5			3.2			1.3				6.0	10.0					6.0	B	III	L	P	

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					FC5	FC3	FC9.5	S	S2	SP9.5	BIND						LR	SAHM	SHEL			DEPTH (IN.)	TYPE	CLASS		
105	22.604	TL	LR	Y	0.8			3.1			1.6				5.5	16.5					2.4	B	IB	L	P	
106	22.604	TL	RR	Y	0.7			3.3			1.8				5.8	10.0					2.6	B	II	L	P	Mechanical gouging observed in pavement surface
107	22.614	ML	R1	Y	1.1			2.7			1.2				5.0	12.0			12.0					P		
108	18.671	SS	L1	Y			1.2	2.7		1.1					5.0		6.2							G		
109	18.671	SS	R2	Y			0.8		0.9	1.5					3.2	8.5								G		
110	18.671	SS	R1	Y		1.0		1.0							2.0	8.0								F		
111	18.671	SS	L1	Y		1.0		2.3							3.3	9.0								P		
112	19.570	TL	RR	Y			0.9			2.3					3.2	11.5								F		
113	17.162	TL	LR	Y					3.4	1.8					5.2	10.5								G		
114	18.621	ML	R1	Y			1.0	3.6		2.1					6.7	12.5								P		
AVERAGE					0.95	0.95	1.03	3.08	2.85	2.14	1.40			5.50	10.77	6.20	11.50		12.00	2.78						
MAX					2.50	1.00	1.20	18.00	5.00	5.00	2.00			20.50	16.50	6.20	12.00		12.00	6.20						
MIN					0.60	0.90	0.80	0.50	0.90	1.10	0.70			2.00	4.80	6.20	11.00		12.00	0.30						
LAYER COEF.					0.00	0.17	0.25	0.25	0.25	0.25	0.20				0.18	0.11	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.

<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
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				