

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

Cored By: Intertek- PSI

Coring Completion Date: 1/19/2024

Typical Section: 1

W.P.I. No.:				Name: SR 25				Lanes: 6			
Fin. Proj. ID: 452621-1				From: North of Santa Maria Hwy				Shoulder Type and Condition: Paved			
F.A. Project No.:				Roadway ID: 09030000				To: North of Ponce De Leon Blvd			
County: Highlands				SR No.: 25				Beg MP: 6.811 End MP: 11.612 Length: 4.801			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y				Paved Lawn Other:			
								Curb & Gutter (Y/N): Y			

Mainline and Crossover Cores (ML/CO)																										
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	FC9.5	SP12.5	SP9.5	ARMI	S	T1	WC	BIND	LR		ABC-2			DEPTH (IN.)		TYPE	CLASS	EXTENT			
2	6.823	ML	R1	N	0.9			2.1	0.4	3.1			2.0	8.5	12.0				12.0					F		
3	6.838	ML	R2	Y	0.7			1.9	0.6	3.9			2.0	9.1	12.5				12.0	3.9	C	IB	M	F	Longitudinal cracks	
4	6.853	ML	R3	Y	0.7			2.1	0.5	3.0			2.1	8.4	10.0				12.0	3.8	C	II	M	F	Core separated under S layer, Longitudinal cracks	
7	6.921	ML	R2	Y	0.7			2.0	0.5	5.0			1.9	10.1	3.0					3.7	C	III	S	P		
8	6.939	ML	R1	N	0.7			2.1	0.4	3.7			1.9	8.8	12.0									F		
9	6.963	ML	R2	N	1.0			2.3	0.5	4.7			1.8	10.3	6.0									F		
10	7.001	ML	R3	Y	0.7			1.9	0.5	2.8				5.9	12.0					3.1	C	II	M	F	Longitudinal cracks	
13	7.460	ML	R1	N	1.1			2.1	0.6	2.1			2.1	8.0	10.0									F		
14	7.493	ML	R2	N	0.9			1.9	0.6	3.9			1.9	9.2	12.0				10.0					F		
15	7.609	ML	R2	Y	1.0			1.9	0.5	5.4				8.8	12.0					3.5	C	III	S	P	Longitudinal cracks along joint	
16	7.656	ML	R3	N	1.1			2.2	0.4	1.2				4.9	12.0									F		
18	7.884	ML	R1	Y	1.1			1.9	0.4	3.1			2.4	8.9	10.0									F		
19	8.034	ML	R2	N	1.0			2.0	0.6	3.2			1.9	8.7	6.0									F		
20	8.114	ML	R3	Y	0.6			2.0	0.5	2.5				5.6						3.2	C	III	S	P	Refusal on top of base layer	
22	8.188	ML	R1	Y	0.9			2.1	0.5	3.1			2.0	8.6	10.0									F		
23	8.350	ML	R2	N	1.0			2.3	0.5	2.5			1.8	8.1	6.0									F		
24	8.391	ML	R3	Y	0.8			1.6	0.8	2.2				5.4	10.0					3.4	C	III	S	P		
29	8.500	ML	R1	N	1.0			2.0	0.5	1.7			2.0	7.2	12.0				12.0					F	Bottom up crack	
31	8.669	ML	R2	Y	0.7			4.4		1.1				6.2	12.0				12.0	3.2	C	II	M	F		
32	8.759	ML	R3	N	0.9			2.2		3.6				6.7		7.5			18.0					F		
33	8.825	ML	R1	N	0.9			1.9		3.0				5.8	12.0									F	New Asphalt	
34	8.890	ML	R2	N	1.0			3.7		2.6				7.3	12.0					3.1	B	II	L	F		
35	8.952	ML	R3	N	0.8			2.7		1.1				4.6	12.0									F		
37	9.012	ML	R1	N	0.9			2.7		2.2				5.8	12.0									F		
38	9.159	ML	R2	N	1.0			4.0		3.1			1.2	9.3	12.0									F		
39	9.220	ML	R3	N	1.0			2.3		3.7				7.0	12.0									F		
42	9.360	CO	CO	N				2.4		2.5				4.9	10.0				12.0					F		
43	9.371	ML	R3	Y	0.8			3.1		2.3			0.8	7.0	12.0					3.3	C	III	S	P	Longitudinal crack	
44	9.386	ML	R1	N	1.0			3.0		1.4			1.6	7.0	12.0									F		
45	9.439	ML	R2	N	1.1			3.5		1.5			0.9	7.0	12.0									F		
46	9.506	ML	R3	N	1.1			2.5		1.1	0.6	0.8		6.1	12.0									F	Bottom up crack	
49	9.829	ML	R1	N	1.0			2.2		1.7			1.0	5.9	12.0									F		
50	9.883	ML	R2	N	1.0			3.0		1.0			1.2	6.2	12.0									F		
51	9.994	ML	R3	Y	1.0			1.7		2.8				5.5	12.0									F		
53	10.071	ML	R1	N	0.8			3.3		1.3			1.1	6.5	12.0									F		
55	10.213	ML	R2	Y	0.7			3.5		2.3				6.5	12.0									F		
56	10.290	ML	R3	N	0.9			1.9		2.6				5.4	12.0									F		
58	10.519	ML	R2	N	0.9			4.0		1.5				6.4	12.0									F		
59	10.595	ML	R1	N	1.4			2.0		1.3			0.9	5.6	12.0									F	New Asphalt	

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Fin. Proj. ID: 452621-1		From: North of Santa Maria Hwy		Shoulder Type and Condition: Paved	
F.A. Project No.:		Roadway ID: 09030000		To: North of Ponce De Leon Blvd	
County: Highlands		SR No.: 25		Beg MP: 6.811 End MP: 11.612 Length: 4.801	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y		Paved Lawn Other: Curb & Gutter (Y/N): Y	

Mainline and Crossover Cores (ML/CO)																										
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	FC9.5	SP12.5	SP9.5	ARMI	S	T1	WC	BIND	LR		ABC-2	DEPTH (IN.)	TYPE		CLASS	EXTENT					
120	9.221	ML	L2	N	1.0			3.5		2.8	0.4	0.7			8.4	12.0								F		
121	9.095	ML	L3	N	0.8			4.2							5.0	12.0									F	
123	8.796	ML	L1	N	0.8			2.6		6.0	0.7	0.4			10.5	10.0			8.0						F	
124	8.726	ML	L2	N	1.1			2.5		2.0					5.6	24.0									F	
125	8.676	ML	L3	N	0.9			4.6							5.5	15.0									F	Refusal at 15 inch of base
128	8.547	ML	L1	Y	1.0			2.0	0.6	3.3			2.0		8.9	12.0									F	
132	8.440	ML	L2	Y	0.8			2.0	0.8	1.5			2.2		7.3	15.0				3.2	C	III	S	P	Longitudinal crack	
133	8.366	ML	L3	Y	0.6			2.2	0.4	2.3					5.5	15.0				3.1	C	III	S	P	Longitudinal crack	
135	8.286	ML	L1	N	1.5			1.8	0.6	3.0					6.9	12.0									F	Bottom up crack
136	8.123	ML	L2	N	0.9			2.1	0.6	3.8	0.4	0.7			8.5	6.0			12.0						F	
137	7.972	ML	L3	Y	0.7			2.0	0.5	6.2	0.7	0.7			10.8	12.0			12.0	2.9	B	IB	L	F		
139	7.730	ML	L1	N	1.0			2.0	0.5	2.1					5.6	10.0									F	
140	7.697	ML	L2	Y	0.9			1.8	0.5	4.8	0.7	0.6			9.3	6.0									F	Gouge in road
141	7.546	ML	L3	Y	0.8			2.0	0.6	8.3	0.5	0.8			13.0	6.0				3.3	C	III	M	P	Longitudinal crack	
143	7.374	ML	L1	N	0.9			1.7	0.7	10.5					13.8	6.0									F	Gouge in road
144	7.317	ML	L2	N	1.1			2.1	0.7	8.5					12.4										F	Core broke at 12 in; could not recover entire thickness
145	7.281	ML	L3	Y	0.9			2.0	0.5	8.7					12.1	12.0				12.1	B	III	S	P		
147	7.048	ML	L1	N	1.0			1.8	0.5	9.4	0.5	0.6			13.8	12.0									F	
148	6.942	ML	L2	N	1.0			2.1	0.6	5.0	0.7	0.6			10.0	10.0									F	Bottom up crack
149	6.831	ML	L3	N	0.7			2.1	0.5	4.9	1.1	0.8			10.1	12.0				3.4	B	III	M	P		
AVERAGE					0.93	1.20	1.70	2.74	0.54	3.33	0.65	0.65			7.47	10.82	4.55		12.00	3.61						
MAX					1.50	1.20	1.70	5.50	0.80	10.50	1.10	0.80			13.80	24.00	7.50		18.00	12.10						
MIN					0.60	1.20	1.70	1.00	0.40	1.00	0.40	0.40			2.00	3.00	1.60		8.00	2.00						
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.23	UNKW				0.18	0.16		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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County: Highlands				SR No.: 25				Beg MP: 6.811		End MP: 11.612		Length: 4.801	
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn		Other:		Curb & Gutter (Y/N): Y	

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
					FC5	FC9.5	SP12.5	SP9.5	ARMI	S	T1	WC	BIND	LR		ABC-2	DEPTH (IN.)	TYPE		CLASS	EXTENT				
1	6.819	S	OR	N	0.5			2.0							2.5	12.0			12.0					P	Refusal in base
12	7.040	S	OR	N	0.9					1.8					2.7	10.0								F	
17	7.685	S	OR	N	1.5			1.2							2.7	10.0								F	
21	8.128	S	OR	N	1.2			1.5							2.7	6.0								F	
26	8.391	S	OR	N	1.1		0.8			0.6					2.5	10.0			10.0					F	Asphalt patch
30	8.546	S	OR	N	0.9			1.1							2.0	10.0				2.0	B	II	L	F	
36	8.987	S	OR	N	1.5			1.3		0.7					3.5	10.0								F	
40	9.243	S	OR	N	1.3			1.1							2.4	10.0								F	
47	9.567	S	OR	N	1.0			1.1							2.1	10.0								F	
52	10.011	S	OR	N	1.1			1.9							3.0	10.0								F	
57	10.331	S	OR	N	0.9		2.6								3.5	10.0								P	New Asphalt
61	10.647	S	OR	N	1.2			1.9							3.1	10.0								F	
65	10.977	S	OR	N	1.4			2.1							3.5	10.0								P	Uneven pavement surface
71	11.276	S	OR	N	1.3			1.3							2.6	10.0								F	
76	11.565	S	OR	N				3.0		4.0					7.0	10.0								F	
83	11.432	S	OL	N	0.7			2.1							2.8	6.0			3.0					F	
88	11.141	S	OL	N	1.1			2.3							3.4	6.0								F	Experienced refusal at 6 inches of base
92	10.836	S	OL	N	1.4			2.3							3.7	6.0								F	
95	10.699	S	OL	N	0.9			3.0							3.9	6.0			6.0					P	Uneven pavement surface
101	10.491	S	OL	N	0.8			1.6							2.4	6.0								F	
107	10.096	S	OL	N	1.3			3.2							4.5	6.0								F	
112	9.609	S	OL	N	1.1			2.2							3.3	6.0								F	
116	9.386	S	OL	N	1.0			2.3							3.3	6.0								F	
122	9.053	S	OL	N	1.3			3.2							4.5	6.0								F	
127	8.676	S	OL	N	1.3		3.7								5.0	12.0			6.0					F	New asphalt
134	8.343	S	OL	N	0.8			1.6							2.4	12.0								F	
138	7.902	S	OL	N	1.0			2.0		2.6					5.6	12.0								F	
142	7.444	S	OL	N	0.9			4.2							5.1	6.0				1.8	B	IB	L	F	
146	7.197	S	OL	N	1.0			1.0							2.0	6.0								F	
150	6.823	S	OL	N	0.9			2.7		2.8					6.4	6.0								P	
AVERAGE					1.08		2.37	2.05		2.08				3.47	8.53			7.40	1.90						
MAX					1.50		3.70	4.20		4.00				7.00	12.00			12.00	2.00						
MIN					0.50		0.80	1.00		0.60				2.00	6.00			3.00	1.80						
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.23	UNKW			0.18	0.16			0.08						

Notes:

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Shoulder Cores (S)

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					FC5	FC9.5	SP12.5	SP9.5	ARMI	S	T1	WC	BIND	LR		ABC-2	DEPTH (IN.)	TYPE		CLASS	EXTENT				

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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Turn Lane Cores (TL)

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					FC5	FC9.5	SP12.5	SP9.5	ARMI	S	T1	WC	BIND	LR		ABC-2	DEPTH (IN.)	TYPE		CLASS	EXTENT				
5	6.854	TL	RL	N	0.8			3.5		1.4			2.1	7.8	12.0									F	
6	6.865	TL	RR	N	1.0			3.0		2.4				6.4	10.0									F	
11	7.040	TL	RR	N	0.6			5.3						5.9	12.0					0.8	B	IB	L	F	
25	8.391	TL	RR	N	0.9		1.1			3.5				5.5	10.0				10.0					F	Asphalt patch
27	8.435	TL	RR	N	1.3			1.3		3.2				5.8	10.0									F	
28	8.443	TL	RL	N	0.9			1.6		3.4				5.9	10.0				12.0					F	
41	9.350	TL	RL	N	0.7			3.6						4.3	10.0									F	
48	9.573	TL	RR	N	1.1			2.5		1.0				4.6	12.0									P	Uneven pavement surface
54	10.177	TL	RL	N	1.1			2.4		3.9				7.4	12.0									F	
66	11.052	TL	RL	N	1.4			2.7		2.8				6.9	10.0									F	
74	11.478	TL	RL	N	1.0			2.8		1.7				5.5	10.0									F	
78	11.592	TL	LL	N		1.2		3.1						4.3		8.0				1.8	B	IB	L	P	Uneven pavement surface
79	11.592	TL	LR	N		1.2		3.0						4.2	10.0				12.0					F	
87	11.146	TL	LL	N	1.2			2.5		1.9				5.6	6.0									F	Experienced refusal at 6 inches of base
97	10.658	TL	LR	N	1.0			4.6						5.6	10.0				12.0					F	
104	10.313	TL	LR	N	1.0			6.1						7.1	10.0					3.4	B	II	S	F	
110	9.636	TL	LL	N	0.9			3.1		1.2				5.2	10.0									F	
117	9.384	TL	LL	N	1.0			2.0		1.8				4.8	10.0									F	
126	8.676	TL	LR	N	1.2		3.6							4.8	15.0									F	Refusal at 15 inch of base, new asphalt
129	8.507	TL	LR	N	1.3			4.0						5.3	15.0									F	
130	8.504	TL	LL	N	1.0			2.4		9.8				13.2										P	
AVERAGE					1.02	1.20	2.35	3.13		2.92				6.00	10.74	8.00			11.50	2.00					
MAX					1.40	1.20	3.60	6.10		9.80				13.20	15.00	8.00			12.00	3.40					
MIN					0.60	1.20	1.10	1.30		1.00				4.20	6.00	8.00			10.00	0.80					
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.23	UNKW		0.18	0.16				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	<u>Lane Type</u> 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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