

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

Cored By: Madrid Engineering Group

Coring Completion Date: 11/5/2020

Typical Section: _____

W.P.I. No.:		Name: I-75				Lanes:	
Fin. Proj. ID: 446344-1		From: Bonita Beach Road				Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:		To: Alico Road		Inside:	
County: Lee		SR No.:		Beg MP: 0.000	End MP: 13.598	Length: 13.598	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 ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS	
					SP9.5	FC5	SP12.5	S						LR	ABC-1				DEPTH (IN.)	TYPE	CLASS	EXTENT			
132	11.286	ML	L2	Y		0.7	2.7	3.3					6.7	12.0									F		
133	11.261	ML	L2	Y		0.9	2.7	3.2					6.8	11.0										F	
134	9.129	ML	L2	Y		1.1	2.0	4.3					7.4	12.0	6.7									F	
135	8.354	ML	L2	N		0.8	2.3	3.1					6.2	Conc				6.2	C	III	S		P	Departure Slab	
136	8.351	ML	L3	Y		0.6	2.4	1.7					4.7	Conc				1.8	C	IB	M		P	Departure Slab	
137	7.611	ML	L2	N		1.2	1.3	2.0					4.5	Conc										F	Approach Slab
138	8.298	ML	L2	N		0.8	2.1	4.3					7.2	12.0										P	
139	7.774	ML	L2	N		0.8	2.4	4.3					7.5	12.0										F	
140	3.957	ML	L2	Y		0.7	3.4	4.0					8.1	11.0										F	
141	3.017	ML	L2	Y			2.4	4.2					6.6	12.0										P	Raveling
142	2.243	ML	L2	N		0.9	3.0	4.4					8.3	12.0										F	
143	2.675	ML	L2	N		0.9	3.0	4.9					8.8	11.0										P	
144	2.959	ML	L2	N		0.6	2.8	4.2					7.6	12.0										P	
145	1.152	ML	L2	Y		1.0	2.8	3.3					7.1	11.0										F	
146	0.292	ML	L2	Y		1.0	2.9	4.1					8.0	13.0										F	
147	13.324	ML	L3	Y		0.9	3.2	3.0					7.1	11.0										F	
148	12.660	ML	L3	Y		1.1		7.3					8.4	Conc										F	Departure Slab
149	10.792	ML	L3	Y		0.8	2.2	4.2					7.2	10.0										P	
150	7.614	ML	L3	N		1.0	3.0	2.7					6.7	12.0										P	
151	2.698	ML	L3	N		1.0	2.8	4.0					7.8	10.0										F	
152	4.238	ML	L3	Y		0.6	3.0	3.4					7.0	16.0										G	
153	4.527	ML	L3	Y		0.8	2.1	3.9					6.8	16.0										G	
154	2.080	ML	L3	Y		0.9	3.0	3.7					7.6	12.0										F	
155	0.008	ML	L3	Y		0.9	3.1	3.2					7.2	15.0				6.3	C	III	S		P		
156	12.723	ML	L1	Y		1.5	3.3						4.8	Conc										F	Approach Slab
157	9.634	ML	L1	N		1.5	1.1						2.6	Conc										F	Approach Slab
158	8.402	ML	L1	Y		1.2	1.1						2.3	Conc										F	Approach Slab
159	7.608	ML	L1	Y		1.0	1.4						2.4	Conc										G	Approach Slab
160	1.361	ML	L1	Y		0.8	1.1						1.9	Conc										F	Approach Slab
161	1.056	ML	L1	Y		0.9	2.0						2.9	Conc										G	Approach Slab, Separation at friction course
162	2.052	ML	L1	N		1.2	2.1	2.7					6.0	16.0										G	
163	9.565	ML	L1	N		1.3	1.7	2.5					5.5	15.0										G	
164	10.949	ML	L3	N		0.9	2.7	3.4					7.0	12.0										P	Extra Core
165	2.681	ML	L3	Y		0.7	2.9	3.9					7.5	10.0				10.0						P	Extra Core

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Mainline Cores (ML)

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					SP9.5	FC5	SP12.5	S						LR	ABC-1			DEPTH (IN.)	TYPE	CLASS	EXTENT		
166	1.917	ML	L3	N		0.9	3.2	3.1					7.2	12.0								P	Extra Core, Patch
AVERAGE						0.93	2.44	3.24					6.25	12.43	6.70			11.21	4.15				
MAX						1.50	4.60	7.30					8.80	21.00	6.70			13.00	7.40				
MIN						0.40	0.60	0.80					1.60	6.00	6.70			10.00	1.60				
LAYER COEF.						0.25	0.00	0.25	0.25					0.18	0.14			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.

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

