

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

Cored By: RCS

Coring Completion Date: 9/29/2023

Typical Section: 1

W.P.I. No.:		Name: SR 82		Lanes: 6 Lanes	
Fin. Proj. ID: 448955-1		From: Ortiz Avenue		Shoulder Type and Condition:	
F.A. Project No.:		To: Colonial Blvd		Inside: Paved Shoulder	
County: Lee		SR No.: 82		Outside: Paved Shoulder	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y		Paved	
		Lawn		Other:	
				Curb & Gutter (Y/N): Y	

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		
					FC5	FC9.5	SP12.5	SP9.5	ARMI	S	T1	BIND	SHEL	ABC-2		LR	DEPTH (IN.)	TYPE		CLASS	EXTENT						
102	5.257	ML	R2	N	0.9				4.1							5.0	9.9				12.0					F	
103	5.310	ML	R3	N	1.0				5.0							6.0	7.8									F	
105	5.014	ML	L3	N	0.8				4.7							5.5	7.6					2.8	C	III	S	P	
107	4.936	ML	L2	Y	0.6				4.7							5.3	9.0					2.3	C	III	S	P	
108	4.850	ML	L1	Y	0.6				4.5							5.1	9.7					1.6	C	III	S	P	
110	4.830	ML	R1	N	1.0				4.7							5.7	8.3					2.2	C	II	M	P	
112	4.882	ML	R2	Y	1.1				4.4							5.5	8.8					2.4	C	I	L	P	
113	4.992	ML	R3	Y	0.8				4.7							5.5	7.7				12.0	0.8	C	III	S	P	
115	4.718	ML	L3	N	1.0				4.2							5.2	7.8									F	
117	4.596	ML	L2	Y	0.7				4.4							5.1	8.5					1.7	C	III	S	P	
118	4.549	ML	L1	Y	1.0				4.0							5.0	7.8					1.0	C	II	M	P	
120	4.562	ML	R1	Y	1.1				4.2							5.3	9.6					3.0	C	III	S	P	
122	4.653	ML	R2	Y	1.0				4.5							5.5	7.5					2.8	C	III	S	P	
123	4.733	ML	R3	Y	0.5				4.3							4.8	10.2									F	
125	4.339	ML	L3	N		1.3			1.4							2.7	11.6				12.0					F	
127	4.251	ML	L2	N		1.3			3.7		1.0		1.7			7.7	8.3									F	
128	4.193	ML	L1	Y		1.4			1.6							3.0	11.2									F	
130	4.184	ML	R1	N		1.2			1.2							2.4	10.6									F	
132	4.259	ML	R2	Y		1.7			1.6							3.3	12.4									F	
133	4.345	ML	R3	Y		1.3			1.3							2.6			12.8							F	
135	4.042	ML	L2	N		1.4			3.3	0.5	4.0		1.7			10.9										F	
136	3.990	ML	L1	Y		1.2			2.0							3.2	12.6				12.0					F	
138	3.897	ML	L3	Y		1.3			3.7	0.5	2.3		1.9			9.7	8.8									F	
140	3.908	ML	R2	N		1.4			4.3							5.7	8.3					0.2	C	II	L	F	
141	3.951	ML	R1	N		1.4			4.0							5.4	9.6									F	
143	4.034	ML	R3	N		1.3			5.4							6.7	8.3									F	
147	6.005	ML	L3	N	0.9				4.9							5.8	9.0					2.3	C	III	S	P	
AVERAGE					0.84	1.35			3.98	0.50	1.86		1.77			5.26	9.05				12.00	2.28					
MAX					1.30	1.70			6.20	0.50	4.00		1.90			10.90	12.60				12.00	3.60					
MIN					0.40	1.20			1.20	0.50	1.00		1.70			2.40	4.10				12.00	0.20					
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.23	0.20				0.18	0.16	0.18			0.08						

Notes:

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- Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
- Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
- The cross slope is approximate and measured in the center of the lane.
- A blank cell indicates measurement was not recorded.
- 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 Designations</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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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: RCS

Coring Completion Date: 9/29/2023

Typical Section: 1

W.P.I. No.:		Name: SR 82		Lanes: 6 Lanes	
Fin. Proj. ID: 448955-1		From: Ortiz Avenue		Shoulder Type and Condition:	
F.A. Project No.:		To: Colonial Blvd		Inside: Paved Shoulder	
County: Lee		Beg MP: 3.847		End MP: 6.895	
Roadway ID: 12070000		Length: 3.048		Outside: Paved Shoulder	
SR No.: 82		Median Curbed (Y/N): Y		Paved	
Overall Pavement Condition (from DMO field review): Fair		Lawn		Other:	
				Curb & Gutter (Y/N): Y	

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	
					FC5	FC9.5	SP12.5	SP9.5	ARMI	S	T1	BIND		SHEL	ABC-2	LR		DEPTH (IN.)	TYPE	CLASS	EXTENT			
25	3.858	TL	LL	Y		1.3					3.2		4.5		13.9				1.0	C	III	S	P	
26	3.891	TL	LL	Y		1.3		2.9					4.2	10.8					1.9	C	I	L	P	
27	4.047	TL	RL	N		1.3		3.9					5.2	10.4									F	
28	4.068	TL	RR	N		1.5		5.0					6.5	8.5									F	
29	4.127	TL	LR	N		1.3		2.8					4.1	10.4									F	Bottom up crack
30	4.231	TL	RR	N		1.1		2.3					3.4	11.8				0.7	C	III	S	P		
31	4.189	TL	RR	N		1.4		1.2					2.6	12.9									F	
32	4.372	TL	LL	N		1.5		1.8					3.3	12.3									F	
33	4.433	TL	RL	N		1.3		1.4					2.7	13.0									F	
34	4.562	TL	LR	N	1.1			4.3					5.4	8.6			12.0	2.6	C	III	S	F		
35	4.629	TL	RL	N	1.6			4.8					6.4	7.7									F	
36	4.733	TL	LL	N	1.2			5.3					6.5	7.1				1.2	C	II	M	F		
37	5.019	TL	RL	N	1.0			4.8					5.8	8.4				2.7	C	III	S	P		
38	5.154	TL	LL	N	1.0			4.5					5.5	8.4									F	
39	5.381	TL	RL	N	1.0			4.6					5.6	7.0									F	
40	5.699	TL	RL	N	1.1			4.2					5.3	9.4									F	
41	5.803	TL	LL	N	1.0			4.2					5.2	6.8									F	
42	6.089	TL	RL	N	0.8			4.2					5.0	9.0									F	
43	6.220	TL	LR	N	0.8			4.8					5.6	7.9				2.4	C	III	S	P		
44	6.798	TL	RL	N	1.2			3.8					5.0	9.5									F	
45	6.821	TL	RR	N	0.8			4.2					5.0	9.3			12.0						F	
AVERAGE					1.05	1.33		3.75			3.20		4.90	9.46	13.90			12.00	1.79					
MAX					1.60	1.50		5.30			3.20		6.50	13.00	13.90			12.00	2.70					
MIN					0.80	1.10		1.20			3.20		2.60	6.80	13.90			12.00	0.70					
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.23	0.20		0.18	0.16	0.18		0.08						

Notes:

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

Cored By: RCS

Coring Completion Date: 9/29/2023

Typical Section: 1

W.P.I. No.:	Name: SR 82	Lanes: 6 Lanes
Fin. Proj. ID: 448955-1	From: Ortiz Avenue	Shoulder Type and Condition:
F.A. Project No.:	To: Colonial Blvd	Inside: Paved Shoulder
County: Lee	Beg MP: 3.847	End MP: 6.895
Roadway ID: 12070000	Length: 3.048	Outside: Paved Shoulder
SR No.: 82	Other:	Curb & Gutter (Y/N): Y
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): Y	Paved
	Lawn	

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	BIND				SHEL	ABC-2	LR		DEPTH (IN.)	TYPE	CLASS	EXTENT				
MAX					1.60	1.60		6.20	0.90		5.80				11.00	14.70		14.10		12.00	1.80						
MIN					0.80	0.80		1.10	0.60		4.00				0.80	1.50		10.20		12.00	0.50						
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.23	0.20				0.18	0.16	0.18		0.08							

Notes:

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5. A blank cell indicates measurement was not recorded.
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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	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
		SS - Side Street				
		BR - Bridge Approach/Departure				

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

Cored By: RCS

Coring Completion Date: 9/29/2023

Typical Section: 1

W.P.I. No.: _____				Name: SR 82				Lanes: 6 Lanes			
Fin. Proj. ID: 448955-1				From: Ortiz Avenue				Shoulder Type and Condition:			
F.A. Project No.:		Roadway ID: 12070000		To: Colonial Blvd				Inside: Paved Shoulder			
County: Lee		SR No.: 82		Beg MP: 3.847		End MP: 6.895		Length: 3.048		Outside: Paved Shoulder	
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn		Other:	
										Curb & Gutter (Y/N): Y	

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						
					FC5	FC9.5	SP12.5	SP9.5	ARMI	S	T1	BIND						SHEL		ABC-2	LR	DEPTH (IN.)	TYPE			CLASS	EXTENT				
9	4.092	SS	NA	N					2.4							2.4	10.9										F				
10	4.699	SS	NA	N	1.0				2.8						1.9	5.7	7.3											P			
11	4.699	SS	NA	N	0.8				4.0						1.2	6.0	9.0											F			
12	5.090	SS	NA	N					3.3						3.5	6.8	7.7											F			
13	5.078	SS	NA	N					4.9						1.1	6.0	9.0											F			
14	5.078	SS	NA	N	1.2	3.3									1.2	5.7	9.4											F			
15	5.090	SS	NA	N	1.4				3.5						1.1	6.0	8.8											F			
16	5.276	SS	NA	N	1.2				3.3						1.5	6.0	6.3											P			
17	5.665	SS	NA	N					2.3							2.3	9.7											F			
18	6.160	SS	NA	N					5.0							5.0	9.9											F			
19	6.148	SS	NA	N					5.0							5.0	9.8											F			
20	6.749	SS	NA	N	0.6				5.0							5.6	9.5										P	Severe Raveling			
21	6.862	SS	NA	N	1.1				4.9							6.0	8.3										P				
22	6.879	SS	NA	N	1.1				3.9							5.0	9.7											F			
23	6.879	SS	NA	N	1.2				5.0							6.2	6.8										P				
24	6.862	SS	NA	Y	0.7				3.5						9.3	13.5	4.6											P			
AVERAGE					1.03	3.30			3.92						2.60	5.83	8.54														
MAX					1.40	3.30			5.00						9.30	13.50	10.90														
MIN					0.60	3.30			2.30						1.10	2.30	4.60														
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.23	0.20				0.18	0.16	0.18													

Notes:

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<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 BR - Bridge Approach/Departure	<u>S - Shoulder</u> SS - Side Street	<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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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: RCS

Coring Completion Date: 9/29/2023

Typical Section: 2 (Ramps: 12075024 / 12075026)

W.P.I. No.:	Name: SR 82	Lanes: 6 Lanes (Ramps Vary)
Fin. Proj. ID: 448955-1	From: Ortiz Avenue	Shoulder Type and Condition:
F.A. Project No.:	To: Colonial Blvd	Inside: Paved Shoulder
County: Lee	Beg MP: 3.847	End MP: 6.895
Roadway ID: 12070000	Length: 3.048	Other:
SR No.: 82	Median Curbed (Y/N):	Paved
Overall Pavement Condition (from DMO field review): Fair		Lawn
		Curb & Gutter (Y/N): Y

All Ramp 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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ⁴	COMMENTS			
					FC5	FC12.5	SP12.5	SP9.5	ARMI	S	T1	BIND						SHEL		ABC-2	LR	DEPTH (IN.)	TYPE						CLASS	EXTENT	
148	0.106	S	OR	N				1.7									1.7	14.1					1.5	C	I	L	P			2.30	Ramp 12075025 ON Shoulder
149	0.106	ML	R1	N	0.5		5.4									5.9	8.0										F	0.0	0.0	5.50	Ramp 12075025 ON
150	0.209	ML	R4	Y	0.9		3.1									4.0	11.0						12.0				P	0.0	0.0	3.10	Ramp 12075026 OFF
151	0.209	S	OR	N	0.9		2.6									3.5	10.7										P			6.40	Ramp 12075026 OFF Shoulder
152	0.082	ML	R1	N		1.5	4.6									6.1	9.9						12.0				F	0.0	0.0	1.70	Ramp 12075024 ON
153	0.082	S	OR	N		1.4	1.9									3.3	10.7										F			3.20	Ramp 12075024 ON Shoulder
154	0.217	TL	RR	N		1.4	4.8									6.2	8.8										F	0.0	0.0	2.10	Ramp 12075023 OFF
155	0.217	S	OR	N		1.4	9.2									10.6	4.5										F			4.50	Ramp 12075023 OFF Shoulder
AVERAGE					0.77	1.43	4.16									5.16	9.71						12.00	1.50				0.0	0.0	3.60	
MAX					0.90	1.50	9.20									10.60	14.10						12.00	1.50				0.0	0.0	6.40	
MIN					0.50	1.40	1.70									1.70	4.50						12.00	1.50				0.0	0.0	1.70	
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.23	0.20				0.18	0.16	0.18					0.08								

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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 L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	ML - Mainline TL - Turn Lane CO - Crossover	S - Shoulder SS - Side Street BR - Bridge Approach/Departure	A - Alligator B - Block C - Combination	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	L - Light M - Moderate S - Severe	G - Good F - Fair P - Poor