

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: RCS					Coring Completion Date: 4/2/2025					Typical Section: 1				
W.P.I. No.:					Name: SR 93 (I-75)					Lanes: 8 Lanes				
Fin. Proj. ID: 452794-1					From: North of US 301					Shoulder Type and Condition:				
F.A. Project No.:				Roadway ID: 13075000	To: North of I-275 and Ramps					Inside: Paved Shoulder				
County: Manatee				SR No.: 93	Beg MP: 11.709		End MP: 15.756	Length: 4.047		Outside: Paved Shoulder				
Overall Pavement Condition (from DMO field review): Fair					Median Curbed (Y/N): N		Paved	Lawn	Other:	Curb & Gutter (Y/N): Yes				

Mainline and Bridge Cores (ML/BR)																										
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	S	SP9.5	S							LR	ABC-2	CONC			DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	11.772	ML	R3	Y	0.8		3.9								4.7		7.6							F		
3	11.977	ML	R3	N	0.9		4.1								5.0		6.7							F		
4	12.174	ML	R1	N	0.9		3.8								4.7		7.2							F		
6	12.253	ML	R3	Y	0.9		3.6								4.5		7.6			12.0					F	
8	12.370	ML	R2	Y	0.8		3.4								4.2		6.7							F		
9	12.565	ML	R1	Y	1.0		2.3	2.6							5.9		7.6							F		
11	12.737	ML	R3	Y	0.8		1.9	1.5							4.2		7.2							F		
13	12.857	BR	R3	Y	0.6			2.3							2.9			UNK						F	Approach Slab	
14	12.898	BR	R3	Y	0.6			2.6							3.2			UNK						F	Departure Slab	
15	12.962	ML	R2	Y	1.0		2.7	2.0							5.7		6.7			12.0					F	
16	13.111	ML	R1	Y	0.9		4.0								4.9		7.9				4.0	C	I	L	P	
18	13.379	ML	R4	Y	0.9		4.1								5.0		6.1							F		
20	13.466	ML	R3	Y	0.6		4.8								5.4		6.6				5.4	C	III	S	P	Base Crack
21	13.573	ML	R2	Y	0.8		3.9								4.7		7.0							F		
22	13.674	ML	R1	Y	0.6		4.0								4.6		7.1				4.6	C	II	M	P	
24	13.829	ML	R4	Y	0.6		4.6								5.2		6.7				5.2	C	III	S	P	Base Crack
26	14.040	ML	R1	Y	0.7		4.1								4.8		8.5			12.0					F	
28	14.197	ML	R2	Y	0.8		3.8								4.6		7.4				0.6	C	I	L	P	
29	14.385	ML	R3	Y	0.8		4.0								4.8		7.6								F	
31	14.459	ML	R2	Y	0.8		3.8								4.6		7.1								F	
32	14.496	ML	R2	Y	1.2		3.3								4.5		8.5								F	Approach Slab
33	14.529	ML	R2	Y	1.0		3.0								4.0		7.0				2.8	C	III	S	P	Departure Slab
34	14.595	ML	R1	Y	0.8		4.5								5.3		6.6								F	
36	14.710	ML	R3	Y	0.6		4.5								5.1		6.9			12.0					F	
38	14.833	ML	R2	Y	1.0		4.3								5.3		6.8								F	
39	14.991	ML	R1	Y	0.9		3.8								4.7		6.8								F	
41	15.242	ML	R3	Y	0.5		4.0								4.5		7.2				4.5	C	III	S	P	Base Crack
43	15.352	ML	R1	Y		0.9	4.1								5.0		7.7								F	
45	15.520	ML	R2	Y	0.8		3.7								4.5		7.2								F	
46	15.728	ML	R4	Y	1.0		3.5								4.5		7.5				0.8	C	I	L	P	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: RCS				Coring Completion Date: 4/2/2025				Typical Section: 1										
W.P.I. No.:				Name:		SR 93 (I-75)		Lanes:		8 Lanes								
Fin. Proj. ID:		452794-1		From:		North of US 301		Shoulder Type and Condition:										
F.A. Project No.:				Roadway ID:		13075000		To:		North of I-275 and Ramps								
County:		Manatee		SR No.:		93		Beg MP:		11.709	End MP:	15.756	Length:	4.047	Outside:		Paved Shoulder	
Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N):		N	Paved	Lawn	Other:	Curb & Gutter (Y/N):		Yes				

Mainline and Bridge Cores (ML/BR)																										
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	S	SP9.5	S							LR	ABC-2	CONC			DEPTH (IN.)	TYPE	CLASS	EXTENT		
94	11.811	ML	L3	Y	0.9		3.6								4.5		7.0						F			
96	13.554	ML	R3	Y	0.6		4.4								5.0		6.7				5.5	C	III	S	P	Base Crack
97	13.946	ML	L3	Y	1.0		4.0								5.0		6.7				1.0	C	I	L	P	Base Crack - Delamination on Top Layer
138	13.946	ML	L3	Y	0.8		4.2								5.0		6.4				5.0	C	III	S	P	Base Crack
AVERAGE					0.84	0.90	3.91	2.20	4.70						4.86		7.10			12.00	3.97					
MAX					1.20	0.90	5.20	2.70	4.70						7.00		8.50			12.00	5.50					
MIN					0.40	0.90	1.90	1.50	4.70						2.90		5.30			12.00	0.60					
LAYER COEF.					0.00	0.25	0.25	0.25	0.25							0.18	0.16	0.20		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	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

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

Cored By: RCS

Coring Completion Date: 4/2/2025

Typical Section: 1

W.P.I. No.:				Name:	SR 93 (I-75)				Lanes:	8 Lanes			
Fin. Proj. ID:	452794-1			From:	North of US 301				Shoulder Type and Condition:				
F.A. Project No.:		Roadway ID:	13075000		To:	North of I-275 and Ramps				Inside:	Paved Shoulder		
County:	Manatee		SR No.:	93		Beg MP:	11.709	End MP:	15.756	Length:	4.047	Outside:	Paved Shoulder
Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N):	N	Paved	Lawn	Other:		Curb & Gutter (Y/N):	Yes

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				COMMENTS	
					FC5	FC9.5	S	SP9.5	S								LR	ABC-2	CONC			DEPTH (IN.)	TYPE	CLASS		EXTENT
2	11.772	S	OR	N		0.7	3.8								4.5		3.8				2.5	C	III	S	P	
5	12.174	S	IR	N			2.3								2.3		4.0								F	
7	12.253	S	OR	N			4.0								4.0		3.4			12.0					F	
10	12.565	S	IR	N			1.4	1.6							3.0		3.6								F	
12	12.737	S	OR	N			2.0	1.9							3.9		3.5								F	
17	13.111	S	IR	N			1.7								1.7		3.8								F	
19	13.379	S	OR	N			3.5								3.5		2.0				3.5	C	III	S	P	
23	13.674	S	IR	N			1.6								1.6		4.1				1.6	C	II	M	P	Base Crack
25	13.829	S	OR	N			3.0								3.0		2.5				3.0	C	III	S	P	
27	14.040	S	IR	N			2.0								2.0		4.0			12.0	2.0	C	II	M	P	
30	14.385	S	OR	N			5.0								5.0		2.6				3.0	C	III	S	P	
35	14.595	S	IR	N			1.4								1.4		4.1								F	
37	14.710	S	OR	N			4.9								4.9		2.6			12.0	2.4	C	III	S	P	
40	14.991	S	IR	N			1.5								1.5		4.5				1.5	C	II	M	P	
42	15.242	S	OR	N			4.5								4.5		3.4				3.0	C	III	S	P	
44	15.352	S	IR	N			2.0								2.0		3.8				2.0	C	III	S	P	
47	15.728	S	OR	N			3.4								3.4		2.3				3.4	C	III	S	P	
49	15.728	S	OL	N			2.0								2.0		1.5			12.0	2.0	C	III	S	P	
53	15.302	S	IL	N			3.2								3.2		4.1				3.2	C	II	M	P	
56	14.970	S	OL	N			2.8								2.8		2.3				2.5	C	III	S	P	
58	14.654	S	IL	N			4.5								4.5		2.5			12.0	1.7	C	I	L	P	
60	14.564	S	OL	N			2.4								2.4		2.7				2.1	C	III	S	P	
64	14.374	S	IL	N			3.4								3.4		3.9				2.8	C	II	M	P	
67	14.119	S	OL	N			2.8								2.8		2.6				2.2	C	III	S	P	
70	13.836	S	IL	N			4.4								4.4		2.5								F	
73	13.659	S	OL	N			3.0								3.0		2.1				3.0	C	III	S	P	
76	13.489	S	IL	N			3.3								3.3		3.8								F	
78	13.347	S	OL	N			3.3								3.3		2.0				3.3	C	III	S	P	
81	13.127	S	IL	N				1.3	2.7						4.0		2.8								F	
83	12.950	S	OL	N				1.3	1.5						2.8		2.8								F	

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Fin. Proj. ID:		452794-1		From:		North of US 301		Shoulder Type and Condition:										
F.A. Project No.:				Roadway ID:		13075000		To:		North of I-275 and Ramps								
County:		Manatee		SR No.:		93		Beg MP:		11.709	End MP:	15.756	Length:	4.047	Outside:		Paved Shoulder	
Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N):		N	Paved	Lawn	Other:	Curb & Gutter (Y/N):		Yes				

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	S	SP9.5	S								LR	ABC-2	CONC			DEPTH (IN.)	TYPE	CLASS		
87	12.730	S	IL	N			3.8								3.8		5.8			12.0					F	Bottom of Core Broke in Hole (1 Inch)
90	12.466	S	OL	N			4.8								4.8		2.5								F	
93	12.081	S	IL	N			3.9								3.9		3.7								F	
95	11.811	S	OL	N			4.0								4.0		2.9				4.0	C	III	S	P	Base Crack
AVERAGE						0.70	3.11	1.53	2.10						3.25		3.19			12.00	2.60					
MAX						0.70	5.00	1.90	2.70						5.00		5.80			12.00	4.00					
MIN						0.70	1.40	1.30	1.50						1.40		1.50			12.00	1.50					
LAYER COEF.					0.00	0.25	0.25	0.25	0.25							0.18	0.16	0.20		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		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	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: RCS

Coring Completion Date: 4/2/2025

Typical Section:

W.P.I. No.:				Name: SR 93 (I-75)				Lanes: 8 Lanes				
Fin. Proj. ID: 452794-1				From: North of US 301				Shoulder Type and Condition:				
F.A. Project No.:			Roadway ID: 13075000			To: North of I-275 and Ramps				Inside: Paved Shoulder		
County: Manatee			SR No.: 93			Beg MP: 11.709		End MP: 15.756	Length: 4.047	Outside: Paved Shoulder		
Overall Pavement Condition (from DMO field review): Fair						Median Curbed (Y/N): N		Paved	Lawn	Other:	Curb & Gutter (Y/N): Yes	

Various Ramps - 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	SP9.5	SP12.5	S								LR	ABC-1	CONC			DEPTH (IN.)	TYPE	CLASS	EXTENT		
98	14.127	ML	R2	Y	0.8			5.9						6.7		4.5								F	13175000 NB OFF Ramp, Approach Slab	
99	14.127	ML	R2	N	0.8			5.0						5.8		5.3								F	13175000 NB OFF Ramp, Departure Slab	
100	14.127	ML	R1	Y	0.7			5.3						6.0		7.2								F	13175000 NB OFF Ramp	
101	14.127	S	IR	N		1.3		2.5						3.8		2.2								F	13175000 NB OFF Ramp	
102	14.127	BR	R1	Y	0.7	0.6								1.3			UNK							F	13175000 NB OFF Ramp, Approach Slab	
103	14.127	BR	R1	Y	0.8	1.0								1.8			UNK							F	13175000 NB OFF Ramp, Departure Slab	
104	14.127	ML	R2	Y	0.6			4.1						4.7		7.5								F	13175000 NB OFF Ramp	
105	14.127	S	OR	N				3.1						3.1		2.4								F	13175000 NB OFF Ramp	
106	14.127	ML	R1	Y	0.7			4.3						5.0		6.9								F	13175000 NB OFF Ramp	
107	14.127	S	IR	N				3.3						3.3		2.6								F	13175000 NB OFF Ramp	
108	15.300	ML	L1	Y	1.0			4.3						5.3	12.3									F	13175302 SB OFF Ramp	
109	15.300	S	OL	N	0.8			4.5						5.3	11.2									F	13175302 SB OFF Ramp	
110	15.300	ML	L1	Y	0.9			6.1						7.0	12.6				12.0					F	13175302 SB OFF Ramp	
111	15.300	ML	L1	Y	1.3			4.2						5.5	12.3									F	13175302 SB OFF Ramp	
112	15.300	S	IL	N		1.2		2.6						3.8	12.4					3.2	C	I	L	P	13175302 SB OFF Ramp	
113	15.300	ML	L1	Y	0.9			4.9						5.8	12.5									F	13175302 SB OFF Ramp	
114	15.300	S	OL	N				2.3						2.3	12.5									F	13175302 SB OFF Ramp	
115	14.548	ML	L2	Y	0.6			4.2						4.8		7.2								F	13175310 SB ON Ramp	
116	14.548	S	GO	N	0.8			4.0						4.8		6.7								F	13175310 SB ON Ramp	
117	14.548	ML	L1	Y	0.8			4.0						4.8		7.1								F	13175310 SB ON Ramp	
118	14.548	S	IL	N				2.7						2.7		2.8								F	13175310 SB ON Ramp	
119	14.548	ML	L2	Y	0.9			3.9						4.8		7.2								F	13175310 SB ON Ramp	
120	14.548	S	OL	N				2.9						2.9		3.1								F	13175310 SB ON Ramp	
121	14.548	ML	L1	Y	0.9			4.1						5.0		7.0								F	13175310 SB ON Ramp	
122	14.548	S	IL	N				3.0						3.0		2.0								F	13175310 SB ON Ramp	
123	15.317	ML	R1	Y	1.2			5.3						6.5	12.4									F	13175301 NB ON Ramp	
124	15.317	S	IR	N				2.3						2.3	12.3									F	13175301 NB ON Ramp	
125	15.317	ML	R1	Y	0.8		1.6	2.6						5.0	12.4				12.0					F	13175301 NB ON Ramp	
126	15.317	S	OR	N			2.5							2.5	12.7				12.0					F	13175301 NB ON Ramp	
127	15.317	BR	R1	Y	0.8		1.9	3.8						6.5			UNK							F	13175301 NB ON Ramp, Approach Slab	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

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Coring Completion Date: 4/2/2025

Typical Section:

W.P.I. No.:				Name: SR 93 (I-75)				Lanes: 8 Lanes			
Fin. Proj. ID: 452794-1				From: North of US 301				Shoulder Type and Condition:			
F.A. Project No.:			Roadway ID: 13075000	To: North of I-275 and Ramps				Inside: Paved Shoulder			
County: Manatee			SR No.: 93	Beg MP: 11.709		End MP: 15.756	Length: 4.047	Outside: Paved Shoulder			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): N		Paved	Lawn	Other:	Curb & Gutter (Y/N): Yes		

Various Ramps - 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	SP9.5	SP12.5	S								LR	ABC-1	CONC			DEPTH (IN.)	TYPE	CLASS	EXTENT		
128	15.317	BR	R1	Y	1.2		1.7	4.1						7.0			UNK						F	13175301 NB ON Ramp, Departure Slab		
129	15.317	ML	R1	Y	0.8			6.1						6.9	12.4								F	13175301 NB ON Ramp		
130	15.317	S	IR	N				3.2						3.2	12.8								F	13175301 NB ON Ramp		
131	15.317	ML	R1	Y	1.0			4.5						5.5	12.3								F	13175301 NB ON Ramp		
132	15.317	S	OR	N				2.6						2.6	12.3								F	13175301 NB ON Ramp		
133	15.300	ML	L1	Y	1.1			3.5						4.6	12.8					4.6	A	III	S	P	13175302 SB OFF Ramp	
134	15.317	ML	R2	N	0.7			4.1						4.8		6.9			12.0	4.8	C	III	S	P	13175000 NB OFF Ramp	
135	15.300	S	OR	N				3.2						3.2		2.5			12.0	3.2	C	III	S	P	13175000 NB OFF Ramp	
136	15.317	S	OL	N				3.5						3.5	12.2				12.0					F	13175302 SB OFF Ramp	
137	15.317	S	OL	N				2.5						2.5		2.3								F	13175310 SB ON Ramp	
AVERAGE					0.86	1.03	1.93	3.85						4.40	12.38	4.92			12.00	3.95						
MAX					1.30	1.30	2.50	6.10						7.00	12.80	7.50			12.00	4.80						
MIN					0.60	0.60	1.60	2.30						1.30	11.20	2.00			12.00	3.20						
LAYER COEF.					0.00	0.25	0.25	0.25							0.18	0.14	0.20		0.08							

- Notes:
- 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.
 - 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.

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