

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			Inside:	Paved Shoulder
County:	Manatee	SR No.:	93			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 <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE			STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAYEMENT CONDITION	COMMENTS
					FC5	FC9.5	S	SP9.5	S								LR	ABC-2		CONC	DEPTH (IN.)	TYPE	CLASS		
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	



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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			Inside:	Paved Shoulder
County:	Manatee	SR No.:	93			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 <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE			STABILIZED SUBGRADE <sup>3</sup>	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
<b>AVERAGE</b>					<b>0.84</b>	<b>0.90</b>	<b>3.91</b>	<b>2.20</b>	<b>4.70</b>						<b>4.86</b>		<b>7.10</b>				<b>12.00</b>	<b>3.97</b>				
<b>MAX</b>					<b>1.20</b>	<b>0.90</b>	<b>5.20</b>	<b>2.70</b>	<b>4.70</b>						<b>7.00</b>		<b>8.50</b>				<b>12.00</b>	<b>5.50</b>				
<b>MIN</b>					<b>0.40</b>	<b>0.90</b>	<b>1.90</b>	<b>1.50</b>	<b>4.70</b>						<b>2.90</b>		<b>5.30</b>				<b>12.00</b>	<b>0.60</b>				
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>							<b>0.18</b>	<b>0.16</b>	<b>0.20</b>			<b>0.08</b>					

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



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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	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 <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE			STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS		
					FC5	FC9.5	S	SP9.5	S								LR	ABC-2		CONC	DEPTH (IN.)	TYPE	CLASS			EXTENT	
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		
<b>AVERAGE</b>							<b>0.70</b>	<b>3.11</b>	<b>1.53</b>	<b>2.10</b>					<b>3.25</b>		<b>3.19</b>			<b>12.00</b>	<b>2.60</b>						
<b>MAX</b>							<b>0.70</b>	<b>5.00</b>	<b>1.90</b>	<b>2.70</b>					<b>5.00</b>		<b>5.80</b>			<b>12.00</b>	<b>4.00</b>						
<b>MIN</b>							<b>0.70</b>	<b>1.40</b>	<b>1.30</b>	<b>1.50</b>					<b>1.40</b>		<b>1.50</b>			<b>12.00</b>	<b>1.50</b>						
<b>LAYER COEF.</b>						<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>						<b>0.18</b>	<b>0.16</b>	<b>0.20</b>		<b>0.08</b>							

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

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F.A. Project No.:		Roadway ID:	13075000			Inside:	Paved Shoulder
County:	Manatee	SR No.:	93			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 <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE			STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC5	SP9.5	SP12.5	S								LR		ABC-1	CONC	DEPTH (IN.)	TYPE			CLASS
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		

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Fin. Proj. ID:	452794-1	From:	North of US 301			Shoulder Type and Condition:	
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**Various Ramps - All Cores**

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					FC5	SP9.5	SP12.5	S								LR		ABC-1	CONC	DEPTH (IN.)	TYPE		
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	
<b>AVERAGE</b>					<b>0.86</b>	<b>1.03</b>	<b>1.93</b>	<b>3.85</b>					<b>4.40</b>	<b>12.38</b>	<b>4.92</b>		<b>12.00</b>	<b>3.95</b>					
<b>MAX</b>					<b>1.30</b>	<b>1.30</b>	<b>2.50</b>	<b>6.10</b>					<b>7.00</b>	<b>12.80</b>	<b>7.50</b>		<b>12.00</b>	<b>4.80</b>					
<b>MIN</b>					<b>0.60</b>	<b>0.60</b>	<b>1.60</b>	<b>2.30</b>					<b>1.30</b>	<b>11.20</b>	<b>2.00</b>		<b>12.00</b>	<b>3.20</b>					
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>						<b>0.18</b>	<b>0.14</b>	<b>0.20</b>		<b>0.08</b>					

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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	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