

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

Cored By: Madrid CPWG

Date: 12/21/2021

Typical Section: \_\_\_\_\_

W.P.I. No.:	Name: SR 45 (US 41) from 45th St to SR 55	Lanes: 2
Fin. Proj. ID: 447384-1	From: 45th Street	Shoulder Type and Condition:
F.A. Project No.:	To: State Road 55	Inside: Paved
County: Manatee	SR No.: 13030102	Beg MP: 0
		End MP: 0.457
		Length: 0.457
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Paved
		Other: _____
		Curb & Gutter (Y/N): N

**Mainline Cores (ML)**

CORE NO.	MILE POST <sup>1</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>2</sup>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	SP9.5	S	RAP	BIND								LR	ABC-1				DEPTH (IN.)	TYPE	CLASS		
1	0.037	ML	L1	N	0.9	2.2			2.3					5.4	8.0					5.4	C	III	S	F	Base crack	
2	0.089	ML	L2	Y	1.0	2.2			2.0					5.2	9.0									F	Bottom-up cracking	
3	0.256	ML	L2	Y	0.7	2.7			1.9					5.3	9.3					5.3	C	III	S	P	Base crack	
4	0.251	ML	L2	Y	1.0	1.4	0.6		2.4					5.4	8.5									F	Bottom-up cracking, friction course separated	
5	0.332	ML	L1	N	0.4		1.5		2.6					4.5	8.0					2.5	C	III	S	P	Friction course separated	
6	0.429	ML	L2	N	0.8	1.6			2.4					4.8	8.5									F		
7	0.161	ML	L1	Y	1.1	2.1			2.1					5.3	8.0									F		
8	0.178	ML	L2	Y	1.0	1.3			2.1					4.4	8.0					4.4	C	II	M	P		
9	0.343	ML	L2	N	0.8	1.6			2.5					4.9	9.0									F		
14	0.248	ML	L1	N		1.2	2.8	4.0						8.0	7.0					0.2	C	IB	L	P	Additional core, patch, bottom-up cracking, RAP fell apart	
15	0.095	ML	L2	Y	0.7	1.2			1.4					3.3	9.0					3.3	C	III	S	P	Additional core, severe cracking, base crack	
<b>AVERAGE</b>					<b>0.84</b>	<b>1.75</b>	<b>1.63</b>	<b>4.00</b>	<b>2.17</b>					<b>5.14</b>	<b>8.39</b>					<b>3.52</b>						
<b>MAX</b>					<b>1.10</b>	<b>2.70</b>	<b>2.80</b>	<b>4.00</b>	<b>2.60</b>					<b>8.00</b>	<b>9.25</b>					<b>5.40</b>						
<b>MIN</b>					<b>0.40</b>	<b>1.20</b>	<b>0.60</b>	<b>4.00</b>	<b>1.40</b>					<b>3.30</b>	<b>7.00</b>					<b>0.20</b>						
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.00</b>	<b>0.20</b>						<b>0.18</b>	<b>0.14</b>				<b>0.08</b>						

Notes:

1. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).
2. Stabilization thickness was checked on 10% of the coring locations. For pavement design assume 12 inches of thickness for stabilization.
3. The cross slope is measured in the center of the lane.
4. A blank cell indicates measurement was not recorded.

<u>Lane Designations</u>	<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>	<u>Lane Type</u>
OL - Outside Left Shoulder L1 - 1st Lane Left of Centerline	IL - Inside Left Shoulder L2 - 2nd Lane Left of Centerline	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 ML - Mainline TL - Turn Lane CO - Crossover S - Shoulder SS - Side Street

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

Cored By: Madrid CPWG

Date: 12/21/2021

Typical Section: \_\_\_\_\_

W.P.I. No.:	Name: SR 45 (US 41) from 45th St to SR 55	Lanes: 2
Fin. Proj. ID: 447384-1	From: 45th Street	Shoulder Type and Condition:
F.A. Project No.:	To: State Road 55	Inside: Paved
County: Manatee	SR No.: 13030102	Beg MP: 0
		End MP: 0.457
		Length: 0.457
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Outside: Paved
	Paved	Curb & Gutter (Y/N): N
	Lawn	
	Other:	

**Shoulder Cores (S)**

CORE NO.	MILE POST <sup>1</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>2</sup>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	SP9.5	S	RAP	BIND								LR	ABC-1				DEPTH (IN.)	TYPE	CLASS		
10	0.228	S	IL	N	0.8	1.0				1.7						3.5		2.3					F			
11	0.202	S	OL	N	1.1	1.1	1.6									3.8		2.6					F			
12	0.363	S	IL	N	0.7	2.3										3.0		2.0					F			
13	0.313	S	OL	N	1.0	3.4										4.4		2.3					F			
<b>AVERAGE</b>					<b>0.90</b>	<b>1.95</b>	<b>1.60</b>			<b>1.70</b>						<b>3.68</b>		<b>2.30</b>								
<b>MAX</b>					<b>1.10</b>	<b>3.40</b>	<b>1.60</b>			<b>1.70</b>						<b>4.40</b>		<b>2.60</b>								
<b>MIN</b>					<b>0.70</b>	<b>1.00</b>	<b>1.60</b>			<b>1.70</b>						<b>3.00</b>		<b>2.00</b>								
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.00</b>	<b>0.20</b>								<b>0.18</b>	<b>0.14</b>				<b>0.08</b>				

Notes:

1. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).
2. Stabilization thickness was checked on 10% of the coring locations. For pavement design assume 12 inches of thickness for stabilization.
3. The cross slope is measured in the center of the lane.
4. A blank cell indicates measurement was not recorded.

<u>Lane Designations</u>	<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>	<u>Lane Type</u>	
OL - Outside Left Shoulder L1 - 1st Lane Left of Centerline	IL - Inside Left Shoulder L2 - 2nd Lane Left of Centerline	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	ML - Mainline TL - Turn Lane CO - Crossover S - Shoulder SS - Side Street