

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

Cored By: Madrid CPWG

Coring Completion Date: 2/9/2023

Typical Section: **1. NB SR 45**

W.P.I. No.:				Name: SR 45 (US 41)				Lanes: 2					
Fin. Proj. ID: 449115-1				From: 26th St W				Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID: 13030101		To: SR 55				Inside: Paved					
County: Manatee		SR No.: 45		Beg MP: 0.000		End MP: 0.560		Length: 0.560		Outside: Paved			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): N		Paved		Lawn Y		Other:		Curb & Gutter (Y/N): N	

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	SP12.5	SP9.5	S	ARMI	S	S2	ARMI	LR	RAP		SHEL	DEPTH (IN.)	TYPE	CLASS		EXTENT					
1	0.282	ML	R1	N	0.8	1.8			0.7		2.2			5.5	8.5						5.5	B	III	S	P	
2	0.060	ML	R1	Y	0.9	2.8								3.7	12.0						2.9	B	II	M	P	
3	0.114	ML	R1	N	0.9	2.4								3.3	12.0										F	
4	0.331	ML	R1	Y	0.9	1.7			0.8		2.1			5.5	10.0						3.2	B	III	M	P	
5	0.469	ML	R1	N	0.8	1.6			0.8		1.6			4.8	10.0				14.0		4.8	B	II	M	P	
6	0.530	ML	R1	Y	1.1	2.4								3.5	10.0										P	
7	0.012	ML	R2	N	0.7	3.1								3.8	11.0										P	Significant raveling. Wood debris (≈3-inch D) directly below base material.
8	0.179	ML	R2	N	0.8	1.8			0.6	1.0	0.8			5.0	9.0						5.0	C	III	S	P	
9	0.252	ML	R2	Y	0.8	1.5			0.6	1.3	1.3			5.5	9.0						3.0	C	III	S	P	
10	0.398	ML	R2	Y	1.0	1.6			0.6	1.5	0.8			5.5	10.3						3.2	B	III	M	P	
11	0.107	S	OR	N	1.2	2.3								3.5		5.0									F	Base fell apart.
12	0.265	S	OR	N	0.7	2.3		2.3						5.3	3.0										F	
13	0.373	S	OR	N	0.8	2.1		2.2						5.1	3.0										F	
14	0.505	S	OR	N	0.7	1.0	0.5							2.2			13.3								F	
15	0.450	GO	GO	N	1.1	2.0			0.7	0.8		0.9		5.5	10.0										F	IR-gore.
16	0.301	S	IR	N	0.9	2.0	1.8	1.3						6.0	10.0				14.0						P	
17	0.187	S	IR	N	1.0	2.5								3.5		2.5									P	Base fell apart.
18	0.043	ML	R1	N	1.0	2.0								3.0			13.0								F	Auxiliary (merge) lane.
19	0.231	ML	R1	N	0.9	1.9			0.6	1.3	1.2			5.9	12.0										F	Core completed below bridge - S. Tamiami Trail (US 41)
<b>AVERAGE</b>					<b>0.89</b>	<b>2.04</b>	<b>1.15</b>	<b>1.93</b>	<b>0.68</b>	<b>1.18</b>	<b>1.43</b>	<b>0.90</b>		<b>4.53</b>	<b>9.32</b>	<b>3.75</b>	<b>13.13</b>		<b>14.00</b>	<b>3.94</b>						
<b>MAX</b>					<b>1.20</b>	<b>3.10</b>	<b>1.80</b>	<b>2.30</b>	<b>0.80</b>	<b>1.50</b>	<b>2.20</b>	<b>0.90</b>		<b>6.00</b>	<b>12.00</b>	<b>5.00</b>	<b>13.25</b>		<b>14.00</b>	<b>5.50</b>						
<b>MIN</b>					<b>0.70</b>	<b>1.00</b>	<b>0.50</b>	<b>1.30</b>	<b>0.60</b>	<b>0.80</b>	<b>0.80</b>	<b>0.90</b>		<b>2.20</b>	<b>3.00</b>	<b>2.50</b>	<b>13.00</b>		<b>14.00</b>	<b>2.90</b>						
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.00</b>			<b>0.18</b>	<b>UNKW</b>	<b>0.18</b>		<b>0.08</b>							

