

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 ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ³	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)
AVERAGE					0.89	2.04	1.15	1.93	0.68	1.18	1.43	0.90		4.53	9.32	3.75	13.13		14.00	3.94					
MAX					1.20	3.10	1.80	2.30	0.80	1.50	2.20	0.90		6.00	12.00	5.00	13.25		14.00	5.50					
MIN					0.70	1.00	0.50	1.30	0.60	0.80	0.80	0.90		2.20	3.00	2.50	13.00		14.00	2.90					
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.25	0.00			0.18	UNKW	0.18		0.08						

