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

Cored By	y: Madrid CPWG			Coring Completion Date:	2/9/2023						Турі
W.P.I. No).:			Name:	SR 45 (US	41)					
Fin. Proj. IE	D: 449115-1			From:	26th St W						Shou
F.A. Project No).:	Roadway ID:	13030101	To:	SR 55						
Count	y: Manatee	SR No.:	45	Beg MP:	0.000		End MP:	0.560	Length:	0.560	
Over	rall Pavement Condition (fro	om DMO field review): Fair		Median Curbed (Y/N):	N	Paved	-	Lawn Y	Other:	-	

	All Cores																						
								P/	AVEMENT	LAYER (I	N.)				E	BASE			CR	ACK			
CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	FC5	SP12.5	SP9.5	s	ARMI	S	S2	ARMI	TOTAL ASPHALT THICKNESS (IN.)	LR	RAP	SHEL	STABILIZED SUBGRADE ³	DEPTH (IN.)	ТҮРЕ	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
1	0.282	ML	R1	Ν	0.8	1.8			0.7		2.2		5.5	8.5				5.5	В		S	Р	
2	0.060	ML	R1	Y	0.9	2.8							3.7	12.0				2.9	В	II	М	Р	
3	0.114	ML	R1	Ν	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	В		М	Р	
5	0.469	ML	R1	Ν	0.8	1.6			0.8		1.6		4.8	10.0			14.0	4.8	В	II	М	Р	
6	0.530	ML	R1	Y	1.1	2.4							3.5	10.0								Р	
7	0.012	ML	R2	Ν	0.7	3.1							3.8	11.0								Ρ	Significant raveling. Wood debris (≈3-inch D) directly below base material.
8	0.179	ML	R2	Ν	0.8	1.8			0.6	1.0	0.8		5.0	9.0				5.0	С		S	Р	
9	0.252	ML	R2	Y	0.8	1.5			0.6	1.3	1.3		5.5	9.0				3.0	С		S	Р	
10	0.398	ML	R2	Y	1.0	1.6			0.6	1.5	0.8		5.5	10.3				3.2	В		М	Р	
11	0.107	S	OR	Ν	1.2	2.3							3.5		5.0							F	Base fell apart.
12	0.265	S	OR	Ν	0.7	2.3		2.3					5.3	3.0								F	
13	0.373	S	OR	Ν	0.8	2.1		2.2					5.1	3.0								F	
14	0.505	S	OR	Ν	0.7	1.0	0.5						2.2			13.3						F	
15	0.450	GO	GO	Ν	1.1	2.0	1		0.7	0.8		0.9	5.5	10.0								F	IR-gore.
16	0.301	S	IR	Ν	0.9	2.0	1.8	1.3					6.0	10.0			14.0					Р	
17	0.187	S	IR	Ν	1.0	2.5							3.5		2.5							Р	Base fell apart.
18	0.043	ML	R1	Ν	1.0	2.0							3.0			13.0						F	Auxiliary (merge) lane.
19	0.231	ML	R1	Ν	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					ļ
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						

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

Lanes:	2						
oulder Type and Condition:							
Inside:	Paved						
Outside:	Paved						
Curb & Gut	ter (Y/N): N						

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

Cored By:	Madrid CPWG			Coring Completion Date:	2/9/2023						Ту
W.P.I. No.:				Name:	SR 45 (US 41)						
Fin. Proj. ID:	449115-1			From:	26th St W						Sh
F.A. Project No.:		Roadway ID:	13030101	To:	SR 55						
County:	Manatee	SR No.:	45	Beg MP:	0.000		End MP:	0.560	Length:	0.560	
Overal	Il Pavement Condition (from DMO field r	eview): Fair		Median Curbed (Y/N):	Ν	Paved		Lawn Y	Other:		

	All Cores																						
						PAVEMENT LAYER (IN.)							BASE			CRA	CK						
CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	FC5	SP12.5	SP9.5	S	ARMI	S	S2	ARMI		TOTAL ASPHALT THICKNESS (IN.)	LR	RAP SHEL	STABILIZED SUBGRADE ³	DEPTH (IN.)	түрЕ	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS

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.

Lane Designations - Decreasing MP	Lane Designations - Increasing MP		Lane Type	Crack Type	Crack Rating	<u>Extent</u>	Pavement Condition
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	S - Shoulder	A - Alligator	Class IB - Hairline cracks that are \leq 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 $\leq 1/4$ 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

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

Lanes:	2							
oulder Type and Condition:								
Inside:	Paved							
Outside:	Paved							
Curb & Gutter (Y/N): N								
	-							