

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

Cored By: MADRID CPWG

Coring Completion Date: 12/8/2023

Typical Section: 1

W.P.I. No.:		Name: SR 45		Lanes: 3 Lane Urban Principal Arterial Roadway	
Fin. Proj. ID: 451102-1		From: Bridge 010050		Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 01010101		To: S of Charlotte Ave	
County: Charlotte		SR No.: 45		Beg MP: 1.326	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N		End MP: 1.812	
		Paved		Length: 0.486	
		Lawn		Other:	
				Outside:	
				Curb & Gutter (Y/N): Y	

Mainline and Turn Lane Cores (ML/TL)

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					
					FC12.5	S												LR		ABC-2	SCEM 300	DEPTH (IN)	TYPE			CLASS	EXTENT			
1	1.754	ML	R2	Y	1.3	4.8									6.1		4.1						2.8	B	III	S	F			
2	1.457	ML	R3	Y	0.8	10.7									11.5			16.0									P	Patch; Base fell apart; Soil Cement		
3	1.407	TL	RR	N	1.5	1.6									3.1	9.0							2.0	B	III	S	P			
4	1.385	ML	R1	Y	1.9	1.5									3.4	10.0							2.7	C	III	S	P			
5	1.475	ML	R1	N	1.7	3.8									5.5		6.0										F			
6	1.578	ML	R1	Y	1.5	4.5									6.0		6.3		9.0								F			
7	1.675	ML	R1	Y	1.5	3.5									5.0		5.0						2.5	C	III	S	F			
8	1.777	ML	R1	Y	1.5	3.5									5.0		6.6						3.0	C	III	S	F			
9	1.357	ML	R2	N	1.7	1.6									3.3	10.0							3.3	C	III	S	F			
10	1.507	ML	R2	Y	1.1	4.6									5.7		4.3		15.0								F			
11	1.609	ML	R2	Y	1.3	3.7									5.0		4.9										F			
12	1.700	ML	R2	N	1.8	3.4									5.2		6.5		15.0	2.8	C	III	S	F		F				
13	1.795	ML	R2	N	1.4	3.1									4.5		5.6			3.5	C	III	S	F		F				
14	1.419	ML	R3	Y	1.1	2.1									3.2	10.0							3.2	C	III	S	F			
15	1.543	ML	R3	N	1.2	3.8									5.0		6.1			2.5	C	III	S	F		F				
16	1.644	ML	R3	N	1.2	3.7									4.9		5.6			2.5	C	III	S	F		F				
17	1.726	ML	R3	Y	1.4	2.9									4.3		5.4										F			
18	1.812	ML	R3	N	1.8	2.7									4.5		6.5			3.0	C	III	S	F		F				
19	1.424	TL	RR	Y	2.0	1.2									3.2	10.0							2.4	C	III	M	F			
AVERAGE					1.46	3.51									4.97	9.80	5.61	16.00	13.00	2.78										
MAX					2.00	10.70									11.50	10.00	6.60	16.00	15.00	3.50										
MIN					0.80	1.20									3.10	9.00	4.10	16.00	9.00	2.00										
LAYER COEF.					0.25	0.25									0.18	0.16	0.15		0.08											

- Notes:
- 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.
 - Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
 - Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
 - The cross slope is approximate and measured in the center of the lane.
 - A blank cell indicates measurement was not recorded.
 - 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	Extent	Pavement Condition	
OL/L - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	ML - Mainline TL - Turn Lane CO - Crossover	S - Shoulder SS - Side Street BR - Bridge Approach/Departure	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

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Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N		Paved Lawn Other: Curb & Gutter (Y/N): Y	

Side Street Cores (SS)

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE			CRACK					PAVEMENT CONDITION	COMMENTS			
					FC12.5	S												LR	ABC-2	SCEM 300	STABILIZED SUBGRADE ³	DEPTH (IN)	TYPE			CLASS	EXTENT	
20	1.437	SS	SS	Y	1.2	4.4									5.6	5.0										F	W Retta Esplanada	
21	1.434	SS	SS	Y	1.5	7.7									9.2	10.0										F	W Retta Esplanada	
22	1.527	SS	SS	N	1.5	1.5									3.0		5.4			15.0						F	Marion Ave	
23	1.527	SS	SS	N	1.4	4.6									6.0		9.3			13.0						F	Marion Ave	
24	1.619	SS	SS	N	1.8	1.2									3.0		3.4									F	W Olympia Ave	
25	1.619	SS	SS	Y	1.0	5.0									6.0		10.0									F	W Olympia Ave	
26	1.710	SS	SS	N	2.5	1.5									4.0		6.9			3.3	C	III	S		P	Virginia Ave		
27	1.713	SS	SS	N	1.3	3.7									5.0		5.9									F	Virginia Ave; Sample collected	
28	1.799	SS	SS	N	2.2	1.8									4.0		7.1			2.7	C	III	S		P	W Charlotte Ave		
29	1.799	SS	SS	N	1.7	2.3									4.0		6.8									P	W Charlotte Ave	
AVERAGE					1.61	3.37									4.98	7.50	6.85			14.00	3.00							
MAX					2.50	7.70									9.20	10.00	10.00			15.00	3.30							
MIN					1.00	1.20									3.00	5.00	3.40			13.00	2.70							
LAYER COEF.					0.25	0.25										0.18	0.16	0.15			0.08							

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