

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

Cored By: MADRID CPWG

Coring Completion Date: 11/21/2023

Typical Section: 1

W.P.I. No.:		Name: SR 45 (US 41) Intersection at Midway Blvd						Lanes: 6 Lane Urban Principle Arterial Roadway			
Fin. Proj. ID: 451358-1		From:						Shoulder Type and Condition:			
F.A. Project No.:		Roadway ID: 01010000		To:		Inside:				Outside:	
County: Charlotte		SR No.: 45		Beg MP: 19.594 / 0.258		End MP: 19.742 / 0.414		Length: 0.148 / 0.156		Other:	
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn		Curb & Gutter (Y/N): N	

Mainline, Shoulders and Turn Lane Cores (ML/S/TL)

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	FC9.5	SP12.5	SP9.5	S	T1	WC	LR	ABC-2	CONC		STABILIZED SUBGRADE ³	DEPTH (IN.)	TYPE	CLASS	EXTENT					
1	19.659	ML	R1	N	1.5		1.5		2.5					5.5	11.0				10.0	5.5	C	III	S	P	
2	19.657	ML	L1	Y	1.3			2.8	7.4	0.8	0.3			12.6	7.0									F	
14	19.614	ML	R1	N	1.5		0.9	1.3	1.7					5.4	12.0				15.0					F	
15	19.646	ML	R2	N	1.6		1.0	1.7	1.3					5.6	11.0				15.0					F	
16	19.615	ML	L3	Y		0.9		3.1						4.0	9.0				8.0					F	
17	19.631	S	OL	N	1.4		2.5							3.9	8.0									F	
18	19.634	TL	RR	Y	0.8		3.2							4.0	8.0									F	
19	19.741	ML	L1	Y	1.7			2.8	3.0	0.8	0.4			8.7	7.0				8.0					F	
20	19.703	ML	L2	N	1.6			2.4		0.5	0.6			5.1	8.0									F	
21	19.730	ML	R3	N	1.5		1.2	1.2	1.0					4.9	8.0				6.0					F	
22	19.714	S	OR	N	1.8			1.3	2.3					5.4	8.0				6.0					F	
23	19.721	TL	LR	N	2.0	3.0								5.0		8.1			8.0					F	
AVERAGE					1.52	1.95	1.72	2.08	2.74	0.70	0.43			5.84	8.82	8.10			9.50	5.50					
MAX					2.00	3.00	3.20	3.10	7.40	0.80	0.60			12.60	12.00	8.10			15.00	5.50					
MIN					0.80	0.90	0.90	1.20	1.00	0.50	0.30			3.90	7.00	8.10			6.00	5.50					
LAYER COEF.					0.25	0.25	0.25	0.25	0.25	0.23	UNKW			0.18	0.16	UNKW			0.08						

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.

<u>Lane Designations - Decreasing MP</u> OL/IL - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	<u>Lane Type</u> ML - Mainline TL - Turn Lane CO - Crossover S - Shoulder SS - Side Street BR - Bridge Approach/Departure	<u>Crack Type</u> A - Alligator B - Block C - Combination	<u>Crack Rating</u> 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	<u>Extent</u> L - Light M - Moderate S - Severe	<u>Pavement Condition</u> G - Good F - Fair P - Poor
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				Other:		Curb & Gutter (Y/N): N	

Side Street Cores (SS)

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	FC9.5	SP12.5	SP9.5	S	T1	WC	LR		ABC-2	CONC	DEPTH (IN.)		TYPE	CLASS	EXTENT			
3	0.372	SS	L1	N				2.5	2.2				4.7	12.0				4.7	C	II	M	F	Midway Blvd. (01000045)
4	0.267	SS	R1	N		1.0		2.8	3.4				7.2	8.0			4.0	3.0	C	II	M	F	Midway Blvd. (01000045)
5	0.285	SS	R2	N		1.0		1.5	1.5				4.0	10.0			4.0	C	III	S	P	Midway Blvd. (01000045)	
6	0.296	SS	L2	N		0.7		1.0	1.3				3.0	10.0			3.0	C	III	S	P	Midway Blvd. (01000045)	
7	0.275	SS	OL	N		1.1		1.5	0.7				3.3	9.0			7.0					F	Midway Blvd. (01000045)
8	0.311	SS	RL	N	1.5			2.7	2.9				7.1	8.0			3.0					F	Midway Blvd. (01000045)
9	0.408	SS	L1	N		1.0		2.7	17.4				21.1		4.7							F	Midway Blvd. (01000045)
10	0.379	SS	L2	N		1.2		3.0					4.2		6.3							F	Midway Blvd. (01000045)
11	0.386	SS	R2	N		0.9		3.1					4.0		3.0		2.0	C	III	S	P	Midway Blvd. (01000045)	
12	0.398	SS	OR	N		0.8		2.8					3.6		6.6							F	Midway Blvd. (01000045)
13	0.363	SS	LL	N	1.3		1.2	1.5	1.6				5.6	9.0			8.0					F	Midway Blvd. (01000045)
AVERAGE					1.40	0.96	1.20	2.28	3.88				6.16	9.43	5.30	4.70	5.50	3.34					
MAX					1.50	1.20	1.20	3.10	17.40				21.10	12.00	6.60	4.70	8.00	4.70					
MIN					1.30	0.70	1.20	1.00	0.70				3.00	8.00	3.00	4.70	3.00	2.00					
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