

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

Cored By: Ardaman & Associates, Inc.

Coring Completion Date: 3/4/2022

Typical Section: _____

W.P.I. No.:		Name:	SR 45 (US 41)				Lanes:	3				
Fin. Proj. ID:	441524-1	From:	William St.				Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID:	01010000		To:	Peace River		Inside:				
County:	Charlotte	SR No.:	45		Beg MP:	13.250	End MP:	14.160	Length:	0.910	Outside:	
Overall Pavement Condition (from DMO field review):				Fair	Median Curbed (Y/N):		Paved	Lawn	Other:		Curb & Gutter (Y/N):	Y

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
					FC3	FC9.5	SP9.5	S	T1	S2	WC	BIND				ABC-2	ECON	SHEL	BRCK		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	13.280	ML	R1	Y	1.4			3.6							5.0	6.0				12.0	1.4	C	II	M	F	
2	13.349	ML	R2	Y	0.9			5.1							6.0	6.2					6.0	C	II	M	P	
3	13.418	TL	RR	N	1.4			3.1							4.5	8.2									F	
4	13.428	ML	R1	Y	1.0			2.5							3.5	8.5					3.2	C	II	M	P	
5	13.451	ML	R2	N	1.1			3.4							4.5	10.5									F	
6	13.454	ML	R2	Y			1.5	2.0							3.5	8.5									G	
7	13.492	ML	R2	Y	1.0			1.0							2.0		16.1				2.0	B	III	S	P	Part of base not retrieved.
8	13.605	ML	R3	N	1.0			1.6							2.6		12.9				2.6	C	III	S	P	
9	13.649	ML	R1	N	1.1			2.3							3.4		9.6				3.4	B	III	S	P	
10	13.658	ML	R3	N	1.0			1.6							2.6		10.4			11.7	2.6	B	III	S	P	
11	13.662	ML	R3	Y		1.0	0.8	0.9							2.7		11.4								G	
12	13.739	ML	R3	N	1.1			0.3				0.6			2.0				2.6		2.0	C	II	M	P	
13	13.822	ML	R3	N	0.8				0.7						1.5				2.6		1.5	A	III	S	P	
14	13.922	ML	R3	Y	1.0			2.3			0.6				3.9						4.1	A	III	S	P	6.9 inches of limerock base. Debonding.
15	13.970	TL	RL	N	1.7					2.9					4.6	5.6					0.4	C	IB	L	F	
16	13.987	ML	R2	Y	1.1			3.6							4.7			11.8		12.6	4.7	A	II	S	P	
17	14.010	TL	RL	N	1.0			2.0							3.0			11.5			0.3	C	II	M	P	
18	14.028	TL	RL	Y		0.9		2.0							2.9			12.4							G	
19	14.080	ML	R1	N	1.1			3.2							4.3			11.9							F	
20	14.125	S	OR	N	1.2			0.8							2.0			12.5							F	
21	14.159	BR	R1	Y	1.0			2.0							3.0		UNK								P	Approach Slab.
AVERAGE					1.11	0.95	1.15	2.28	0.70	2.90	0.60	0.60		3.44	7.64	12.08	12.02	2.60	12.10	2.63						
MAX					1.70	1.00	1.50	5.10	0.70	2.90	0.60	0.60		6.00	10.50	16.10	12.50	2.60	12.60	6.00						
MIN					0.80	0.90	0.80	0.30	0.70	2.90	0.60	0.60		1.50	5.60	9.60	11.50	2.60	11.70	0.30						
LAYER COEF.					0.17	0.25	0.25	0.25	0.23	0.25	UNKW	0.20			0.16	0.12	0.18	UNKW	0.08							

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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	Extent	Pavement Condition
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	A - Alligator	Class IB - Hairline cracks that are ≤ 1/8 inch wide	L - Light	G - Good
L1 - 1st Lane Left of Centerline	R1 - 1st Lane Right of Centerline	TL - Turn Lane	B - Block	Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	M - Moderate	F - Fair
LL/LR - Left/Right Turn Lane	RL/RR - Left/Right Turn Lane	CO - Crossover	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor