

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

Cored By: AREHNA

Coring Completion Date: 12/27/2021

Typical Section: **2: SR 599 / US 41 / 50th St. S / (1006000)**

W.P.I. No.:				Name: SR 45 / US 41				Lanes: 6					
Fin. Proj. ID: 440749-1				From: Causeway Blvd				Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID: 10 060 000		To: S 21st Avenue				Inside: -					
County: Hillsborough		SR No.: 45		Beg MP: 23.609		End MP: 23.986		Length: 0.377		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	
					FC9.5	FC3	SP9.5	ARMI	S	S2	BIND	LR		ABC-2	SHEL	DEPTH (IN.)	TYPE		CLASS	EXTENT					
1	23.645	ML	L1	Y	1.0		2.4			1.1	1.2			5.7	8.8					2.5	C	II	S	P	
2	23.722	ML	L1	Y	1.0		2.0			0.6	1.5			5.1	4.9					5.1	B	III	S	P	
3	23.889	ML	L1	N	1.2		2.5	0.5			1.2			5.4	9.0									F	Bottom-Up Cracking
4	23.690	ML	L2	Y	1.0		2.3				1.2	1.3		5.8	7.1					2.5	B	II	M	P	
5	23.835	ML	L2	N	1.1		2.8	0.3			1.6	1.2		7.0	8.0				12.0					P	
6	23.622	ML	L3	N	1.0		3.5							4.5	15.0									F	
7	23.765	ML	L3	N	1.1		1.8	0.5				1.1		4.5	6.5									F	Refusal 6.5-inches into base
8	23.629	ML	R1	Y	1.2		2.2					1.8		5.2	7.9					3.2	B	II	M	P	
9	23.782	ML	R1	N	1.1		3.0	0.4				1.3		5.8	7.0									F	Bottom-Up Cracking
11	23.637	ML	R2	N	1.1		2.5				1.1	1.3		6.0	9.0				12.0					G	New Asphalt
12	23.729	ML	R2	Y	1.7		1.5	0.5			1.5	1.2		6.4	8.5					1.8	B	III	S	P	
13	23.856	ML	R2	Y	1.3		1.7	0.5			2.0	1.5		7.0	8.0					3.7	B	III	S	F	
14	23.704	ML	R3	N	1.0		2.6					0.7		4.3	7.3									F	
15	23.966	ML	R3	N	1.6		2.0	0.5				0.7		4.8	8.0									F	Core Separated
16	23.656	TL	C	Y	1.3		2.5							3.8		8.9				3.8	B	III	M	F	Center Turn Lane
17	23.827	TL	C	N	1.0		2.6		4.4					8.0		6.0								F	Center Turn Lane - Possible Widening, base ABC and Limerock - Refusal 6-inches into LR base.
18	23.609	SS	L1	N	1.1		4.9							6.0	13.0									F	El Camino Blanco Blvd
19	23.640	SS	R1	N		0.8								0.8	15.3					0.8	C	III	S	F	S 27th St
20	23.803	SS	R1	N	0.8		1.4							2.2	10.0					2.2	C	IB	L	F	S 24th Ave
21	23.884	SS	R1	Y	0.5		0.9				1.4	1.1		3.9	10.0									F	S 23rd Ave
22	23.943	SS	R1	N	1.0		1.0			0.7				2.7										F	Deo Road No Base
23	23.986	SS	L1	N						1.8		0.9		2.7	11.3									P	S 21st Ave
AVERAGE					1.11	0.80	2.31	0.46	2.30	1.31	1.20			4.89	9.18	7.45			12.00	2.84					
MAX					1.70	0.80	4.90	0.50	4.40	2.00	1.80			8.00	15.25	8.90			12.00	5.10					
MIN					0.50	0.80	0.90	0.30	0.70	0.60	0.70			0.80	4.90	6.00			12.00	0.80					
LAYER COEF.					0.25	0.17	0.25	0.00	0.25	0.25	0.20				0.18	0.16	0.18			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	S - Shoulder	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	SS - Side Street	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	BR - Bridge Approach/Departure	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor