

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: MADRID ENGINEERING GROUP

Coring Completion Date: 5/13/2024

Typical Section: 1

W.P.I. No.:		Name:	SR 39				Lanes:	4						
Fin. Proj. ID:	447235-1		From:				S of Rayburn Road		Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID:	10070000		To:				N of Golden Rule Lane		Inside:	C&G FAIR		
County:	Hillsborough		SR No.:	39		Beg MP:	2.944		End MP:	3.110	Length:	0.166	Outside:	LAWN FAIR
Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N):		Y	Paved	Lawn X	Other:		Curb & Gutter (Y/N):	Y

All Cores																										
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC9.5	SP12.5	SP9.5	S	WC	ARMI	S2				LR	ABC-2	SAHM			DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	3.020	SS	R1	Y		1.0		0.9	1.0	0.6					3.5			3.0		3.5	3.5	B	III	S	F	BASE FELL APART
2	3.020	SS	R1	Y	1.1		6.1								7.2		9.9			0.0					F	NO STABILIZED SUBGRADE
3	2.997	ML	L2	Y	1.0	1.4			0.5		0.6	1.3			4.8	11.0				13.0					F	
4	2.996	S	OL	N	1.3			1.5	0.6						3.4			3.0		6.0					F	BASE FELL APART
5	2.951	ML	R2	Y	0.9		2.0		0.7		0.6	1.5			5.7	12.0				16.0					F	
6	2.953	S	OR	N	0.6		2.7								3.3		7.7			0.0					P	NO STABILIZED SUBGRADE
7	2.978	TL	RL	N	1.0		2.6					0.4			4.0	11.0				8.0					F	
8	3.074	ML	R1	Y			2.8					1.2			4.0	9.0				19.0					F	
9	3.093	ML	L1	Y			2.9					1.5			4.4	9.0				17.0					F	
10	3.083	ML	L1	Y	0.6		3.2					0.9			4.7	10.0				15.0					P	
11	3.044	TL	LL	Y	1.0		2.7								3.7		4.4			0.0					F	NO STABILIZED SUBGRADE
12	3.020	SS	L1	Y	1.0			1.3		0.5					2.8			3.0		3.0	2.8	A	III	S	P	BASE FELL APART
13	3.020	SS	L1	Y			1.4	1.7		0.4					3.5			3.0		3.0	3.5	A	II	M	P	
AVERAGE					0.94	1.20	2.93	1.35	0.70	0.50	0.60	1.13			4.23	10.33	7.33	3.00		7.96	3.27					
MAX					1.30	1.40	6.10	1.70	1.00	0.60	0.60	1.50			7.20	12.00	9.90	3.00		19.00	3.50					
MIN					0.60	1.00	1.40	0.90	0.50	0.40	0.60	0.40			2.80	9.00	4.40	3.00		0.00	2.80					
LAYER COEF.					0.00	0.25	0.25	0.25	0.25	UNKW	0.00	0.25				0.18	0.16	0.11		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.

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

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: District Materials Office

Coring Completion Date: 12/2/2024

Typical Section: 2

W.P.I. No.:				Name:	SR 39				Lanes:	4	
Fin. Proj. ID:	447235-1			From:	S OF RAYBURN RD				Shoulder Type and Condition:		
F.A. Project No.:		Roadway ID:	10070000	To:	N OF GOLDEN RULE LN				Inside:	1	
County:	HILLSBOROUGH	SR No.:	39	Beg MP:	2.944	End MP:	3.110	Length:	0.166	Outside:	1
Overall Pavement Condition (from DMO field review):				Fair	Median Curbed Y	Y				Curb & Gutter (Y/N):	Y

All Cores - Additional Cores

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	SP2F	S									LR	ABC-2				DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	3.055	ML	LL	N	1.3	2.6									3.9		8.3			12.0					F	
2	3.025	SS	L1	Y	0.7	3.1	0.6								4.4	14.0				12.0					F	CHARLIE GRIFFIN RD
3	3.025	SS	RL	Y	0.8	3.6									4.4	15.0				12.0					F	CHARLIE GRIFFIN RD
4	3.025	ML	R1	N	0.9	3.4									4.3		13.0			12.0					F	CHARLIE GRIFFIN RD
AVERAGE					0.93	3.18	0.60								4.25	14.50	10.65			12.00						
MAX					1.30	3.60	0.60								4.40	15.00	13.00			12.00						
MIN					0.70	2.60	0.60								3.90	14.00	8.30			12.00						
LAYER COEF.					0.00	0.25	0.25									0.18	0.16			0.08						

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<u>Lane Designations - Decreasing MP</u>	<u>Lane Designations - Increasing MP</u>	<u>Lane Type</u>	<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>
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
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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