

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

Cored By: TEST LAB, INC.

Coring Completion Date: 5/26/2023

Typical Section: 1

W.P.I. No.: 441654-1		Name: SR 688		Lanes: 4 Lane Urban Principal Arterial Roadway	
Fin. Proj. ID: 441654-1		From: SR 699 / Gulf Blvd.		Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 15120000	To: E of Indian Rocks Rd / Oakhurst Rd.		Inside: N/A
County: Pinellas	SR No.: 688	Beg MP: 0.000	End MP: 1.212	Length: 1.212	Outside: Paved
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y	Paved	Lawn: Y	Other: CONC
					Curb & Gutter (Y/N): Y

Mainline Cores (ML)

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	SP12.5										LR					DEPTH (IN.)	TYPE		
1	0.031	ML	R1	Y	1.4	2.8							4.2	11.3									F	
6	0.078	ML	L1	N	1.5	3.5							5.0	10.0					2.9	B	II	L	F	
8	0.105	ML	R2	N	1.0	3.3							4.3	8.7			14.0		2.8	B	III	S	P	
9	0.135	ML	L2	N	1.1	3.9							5.0	11.8					2.5	B	III	S	F	
10	0.156	ML	R2	Y	1.5	3.2							4.7	12.6					3.3	B	III	S	P	
11	0.173	ML	L2	Y	1.7	4.2							5.9	11.6					5.6	C	II	S	P	DMO Loc. (3) was on water main. Core moved.
12	0.205	ML	L1	N	1.5	3.8							5.3	14.2									F	
13	0.217	ML	R1	Y	1.0	3.4							4.4	16.1					4.4	B	III	M	P	Longitudinal Crack.
16	0.252	ML	L2	N	1.3	3.2							4.5	19.5					4.5	A	III	M	F	
17	0.267	ML	R2	Y	1.1	3.6							4.7	17.6					4.7	C	III	M	F	
18	0.396	ML	R1	Y	1.2	3.0							4.2	13.8			15.0						F	
19	0.436	ML	L1	N	1.3	3.0							4.3	18.7									F	
22	0.508	ML	R2	N	1.4	3.4							4.8	12.5					1.7	A	IB	S	P	
23	0.518	ML	L2	Y	1.2	6.2							7.4	10.1									F	
26	0.602	ML	R1	Y	1.3	2.7							4.0	10.8					4.0	B	III	M	F	
27	0.617	ML	L1	Y	1.2	2.7							3.9	9.9					3.2	B	III	S	P	
28	0.640	ML	L1	N	1.0	2.8							3.8	10.0					2.7	B	III	M	F	
31	0.719	ML	R2	N	1.1	3.3							4.4	13.9					2.2	B	IB	L	F	
33	0.734	ML	L2	Y	1.1	3.3							4.4	10.1									F	
35	0.793	ML	R1	Y	1.1	3.4							4.5	12.8					2.5	B	II	L	F	
36	0.844	ML	L1	Y	1.2	2.9							4.1	10.9					2.7	B	II	M	F	
39	0.907	ML	R2	Y	1.1	3.4							4.5	12.8					3.0	C	III	S	F	
40	0.953	ML	L2	N	1.2	3.5							4.7	10.8			12.5						F	
43	1.062	ML	R1	Y	1.1	3.2							4.3	10.7									F	
44	1.108	ML	L1	Y	1.0	3.0							4.0	12.0					2.3	B	IB	M	F	
49	1.203	ML	L2	N	1.0	4.4							5.4	10.9									F	
50	1.206	ML	R2	N	1.7	3.9							5.6	10.2					2.4	C	III	S	P	
AVERAGE					1.23	3.44							4.68	12.36				13.83	3.19					
MAX					1.70	6.20							7.40	19.50				15.00	5.60					
MIN					1.00	2.70							3.80	8.70				12.50	1.70					
LAYER COEF.					0.25	0.25								0.18				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.

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

Cored By: TEST LAB, INC.

Coring Completion Date: 5/26/2023

Typical Section: 1

W.P.I. No.: _____				Name: SR 688				Lanes: 4 Lane Urban Principal Arterial Roadway			
Fin. Proj. ID: 441654-1				From: SR 699 / Gulf Blvd.				Shoulder Type and Condition:			
F.A. Project No.: _____		Roadway ID: 15120000		To: E of Indian Rocks Rd / Oakhurst Rd.				Inside: N/A			
County: Pinellas		SR No.: 688		Beg MP: 0.000		End MP: 1.212		Length: 1.212		Outside: Paved	
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn: Y		Other: CONC	
								Curb & Gutter (Y/N): Y			

Turn Lane and GORE Cores (TL/GO)

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	SP12.5												LR					DEPTH (IN.)	TYPE		
2	0.033	TL	LL	Y	1.3	2.7									4.0	13.5								F		
4	0.050	TL	LR	Y	1.2	2.8									4.0	11.0								F		
7	0.104	TL	C	N	1.1	3.0									4.1	13.4				3.0	C	III	S	P		
24	0.580	GO	GO	N	1.1	3.3									4.4	12.1								F	LL/L1-Gore	
25	0.588	TL	LL	Y	0.9	3.7									4.6	10.9				0.9	A	III	S	F	Possible slippage	
32	0.728	TL	LL	Y	0.8	3.8									4.6	8.4	8.0			4.6	A	III	S	P	Possible slippage	
34	0.793	TL	RL	Y	1.1	3.5									4.6	16.4								F		
41	0.966	TL	LL	Y	1.1	3.5									4.6	12.7				2.7	A	III	S	P		
42	1.006	GO	GO	N	1.3	3.3									4.6	12.4								F	RR/R1-Gore	
45	1.131	TL	C	N	1.3	1.4									2.7	12.8								F	CO in median for RL turning only (non-bidirectional).	
48	1.165	TL	RL	N	1.3	2.7									4.0	10.5								F		
AVERAGE					1.14	3.06									4.20	12.19				8.00	2.80					
MAX					1.30	3.80									4.60	16.40				8.00	4.60					
MIN					0.80	1.40									2.70	8.40				8.00	0.90					
LAYER COEF.					0.25	0.25									0.18					0.08						

Notes:

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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>	<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 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

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

Cored By: TEST LAB, INC.

Coring Completion Date: 5/26/2023

Typical Section: 1

W.P.I. No.: _____				Name: SR 688				Lanes: 4 Lane Urban Principal Arterial Roadway			
Fin. Proj. ID: 441654-1				From: SR 699 / Gulf Blvd.				Shoulder Type and Condition:			
F.A. Project No.: _____		Roadway ID: 15120000		To: E of Indian Rocks Rd / Oakhurst Rd.				Inside: N/A			
County: Pinellas		SR No.: 688		Beg MP: 0.000		End MP: 1.212		Length: 1.212		Outside: Paved	
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn: Y		Other: CONC	
										Curb & Gutter (Y/N): Y	

Shoulder Cores (S)

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	SP12.5												LR					DEPTH (IN.)	TYPE		
3	0.043	S	OL	N	1.6	2.7									4.3	10.5								F	Bike Lane	
5	0.067	S	OR	N	1.6	2.6									4.2	10.8								F	Bike Lane	
14	0.226	S	OL	N	1.3	3.4									4.7	14.8								F	Bike Lane	
15	0.233	S	OR	N	1.6	2.5									4.1	13.7								F	Bike Lane	
20	0.461	S	OR	N	1.2	2.9									4.1	15.9								F	Bike Lane	
21	0.474	S	OL	N	1.3	3.2									4.5	13.8								F	Bike Lane	
29	0.661	S	OR	N	1.1	3.1									4.2	10.3								F	Bike Lane	
30	0.673	S	OL	N	0.9	3.6									4.5	10.3								F	Bike Lane	
37	0.862	S	OR	N	1.5	3.4									4.9	15.1								F	Bike Lane	
38	0.865	S	OL	N	1.2	4.2									5.4	9.1								F	Bike Lane	
46	1.136	S	OL	N	1.2	3.1									4.3	11.7								F	Bike Lane	
47	1.160	S	OR	N	1.2	4.0									5.2	13.3								F	Bike Lane	
AVERAGE					1.31	3.23								4.53	12.43					9.00						
MAX					1.60	4.20								5.40	15.90					9.00						
MIN					0.90	2.50								4.10	9.10					9.00						
LAYER COEF.					0.25	0.25									0.18					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
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
			S - Shoulder				
			SS - Side Street				
			BR - Bridge Approach/Departure				

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

Cored By: BRENT GRUBBS

Coring Completion Date: 1/4/2024

Typical Section: 2

W.P.I. No.:	Name: SR 688	Lanes: 4
Fin. Proj. ID: 441654-1	From: SR 699/ GULF BLVD	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 15120000	To: E OF INDIAN ROCKS RD
County: PINELLAS	SR No.: 688	Beg MP: 0.000
Overall Pavement Condition (from DMO field review): Fair	End MP: 1.212	Length: 1.212
		Inside: 1
		Outside: 1
		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	SP1F										CONC					DEPTH (IN.)	TYPE			CLASS	EXTENT
1	0.373	ML	R2	Y	1.0	1.9									2.9					12.0	2.0	C	III	S	P	DEPARTURE SLAB
AVERAGE					1.00	1.90									2.90					12.00	2.00					
MAX					1.00	1.90									2.90					12.00	2.00					
MIN					1.00	1.90									2.90					12.00	2.00					
LAYER COEF.					0.25	0.25										UNKW				0.08						

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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
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				