

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Coring Completion Date: 6/19/2025

Cored By: MC Squared, LLC

Typical Section:

W.P.I. No.:				Name:	SR 687/4TH ST				Lanes:	4	
Fin. Proj. ID:	456060-1-52-01			From:	106TH AVENUE NORTH				Shoulder Type and Condition: Fair		
F.A. Project No.:		Roadway ID:	15240000	To:	NORTH OF 119TH AVENUE				Inside:	Grassed	
County:	Pinellas	SR No.:	687/694	Beg MP:	3.610	End MP:	4.608	Length:	0.998	Outside:	Paved
Overall Pavement Condition (from DMO field review):				Fair	Median Curbed (Y/N):	N	Paved	Lawn Y	Other:	Curb & Gutter (Y/N):	N

Mainline Cores (ML)

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	SP12.5	SP9.5	S	ARMI	S	S2	BIND				LR	RAP	ABC-1			DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	3.637	ML	R1	Y	0.6	1.5		0.6	0.5			1.3			4.5								F			
2	3.835	ML	R1	N	0.8	1.6		0.7	0.5			1.1			4.7								F			
3	4.117	ML	R1	N	0.9	1.5		0.9	0.5			1.1			4.9								F			
4	4.407	ML	R1	N	0.8	1.6		0.9	0.5			0.8			4.6								F			
5	4.601	ML	R1	N	0.9	1.6		1.1	0.5			0.6			4.7								F			
6	3.723	ML	R2	Y	0.9	1.6		1.0	0.4			0.4			4.3								F			
7	4.019	ML	R2	N	0.9	1.5		0.5	0.4			0.3			3.6								F			
8	4.200	ML	R2	N	1.0	1.4		1.0	0.5			0.6			4.5								F			
9	4.341	ML	R2	N	1.2	1.2		0.7	0.5			0.9			4.5								F			
10	4.546	ML	R2	N	1.0	1.1		0.9	0.5			0.6			4.1								F	Rut in core from coring machine		
26	3.641	ML	L2	Y	0.8	1.3		0.6	0.5			0.5			3.7								F			
27	3.855	ML	L2	N	0.8	1.6		0.4	0.5						3.3								F			
28	4.065	ML	L2	N	1.1	1.8		0.6	0.5						4.0								F			
29	4.221	ML	L2	N	0.7	1.8		1.2	0.4						4.1								F			
30	4.484	ML	L2	N	1.1	1.7		1.2	0.5						4.5								F			
31	3.715	ML	L1	Y	1.2	1.2		1.3	0.4			1.1			5.2								F			
32	3.794	ML	L1	Y	0.8	1.4		1.2	0.6			1.0			5.0								F	Bottom up crack		
33	3.969	ML	L1	N	1.2	1.5		1.0	0.5			0.7			4.9								F			
34	4.319	ML	L1	N	0.8	1.5		1.0	0.5			0.7			4.5								F	Bottom up crack		
35	4.567	ML	L1	Y	1.0	1.3		1.5	0.4			0.7			4.9								F			
AVERAGE					0.93	1.48		0.92	0.48			0.78			4.42											
MAX					1.20	1.80		1.50	0.60			1.30			5.20											
MIN					0.60	1.10		0.40	0.40			0.30			3.30											
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.25	0.20				0.18	UNKW	0.14		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.

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Shoulder, Turn Lane, and Crossover Cores (S/TL)

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	SP12.5	SP9.5	S	ARMI	S	S2	BIND				LR	RAP	ABC-1			DEPTH (IN.)	TYPE	CLASS	EXTENT			
11	3.653	S	OR	N	0.7		1.6	4.9							7.2									F			
12	3.770	S	OR	N	1.1		1.2								2.3		6.2							F			
13	3.908	S	OR	N	1.1		1.7								2.8		5.2							F			
14	4.079	S	OR	N	0.9		1.9								2.8		5.3							F			
15	4.288	S	OR	N	1.1		1.2								2.3		3.7							F			
16	3.811	TL	RL	Y	0.9	1.6		1.1	0.5			1.0			5.1									F	Moved 2 feet South		
17	3.948	TL	RL	Y	0.6	1.9		1.5							4.0									F	Shoving		
18	4.158	TL	RR	Y	0.8	1.2		1.0							3.0			8.0						F			
19	4.317	TL	RL	N	0.9	1.5		1.4	0.6			0.9			5.3									F			
20	4.477	TL	RR	N	1.0	4.1									5.1									F	Shoving		
21	3.747	CO	CO	N			1.1	2.4	0.5			1.6			5.6						4.9	C	III	S	F	Moved 7 feet Northeast	
22	3.869	CO	CO	N			1.1	2.6	0.5			2.5			6.7						6.7	C	III	S	F	Moved 5 feet Northeast	
23	4.181	CO	CO	N			0.4	2.5	0.5			1.9			5.3										F		
24	4.356	CO	CO	N			1.2	0.9	0.5		0.4	1.8			4.8						1.3	C	I	L	F		
25	4.523	CO	CO	N			1.5	1.9	0.4		0.2	1.5			5.5										F		
36	3.683	S	OL	N	1.4			1.6							3.0		3.0								F	Moved 5 feet South	
37	3.892	S	OL	N	1.0	1.6		2.3							4.9										F		
38	4.100	S	OL	N	1.6			0.6							2.2		6.8								F		
39	4.426	S	OL	N	1.5			0.7							2.2		4.8								F		
40	4.605	S	OL	N	1.3	3.4									4.7										F	Asphalt joint depth 0.25 inches	
41	3.776	TL	LL	Y	0.8	2.0		1.4	0.5			1.3			6.0										F		
42	3.932	TL	LR	N	1.0	1.6		1.6							4.2			7.7							F		
43	4.033	TL	LL	N	1.1	3.6									4.7										F		
44	4.283	TL	LR	N	1.0	1.6									2.6										F		
45	4.554	TL	LL	N	0.9	1.6		1.0	0.5	1.3					5.3										F		
AVERAGE					1.04	2.14	1.29	1.73	0.50	1.30	0.30	1.56			4.30		5.00	7.85			4.30						
MAX					1.60	4.10	1.90	4.90	0.60	1.30	0.40	2.50			7.20		6.80	8.00			6.70						
MIN					0.60	1.20	0.40	0.60	0.40	1.30	0.20	0.90			2.20		3.00	7.70			1.30						
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.25	0.20				0.18	UNKW	0.14			0.08						

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