

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

Cored By: Madrid Engineering Group

Coring Completion Date: 12/8/2021

Typical Section:

W.P.I. No.:		Name: I275/SR93	Lanes: 6
Fin. Proj. ID: 446009-1		From: 54th Ave S	Shoulder Type and Condition: Paved, emer lane good
F.A. Project No.:	Roadway ID: 15190000	To: 5th Ave S	Inside: 10' WARN
County: Pinellas	SR No.: 93	Beg MP: 0.500	End MP: 4.456
		Length: 3.956	Outside: 8-10' WARN, 4-12 LAWN
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Paved	Lawn X
		Other:	Curb & Gutter (Y/N): N

**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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) <sup>4</sup>	COMMENTS					
					CONC	FC3	FC5	FC12.5	FC9.5	SP9.5	S	SCEM 300		LR	SHEL	ABC-1	DEPTH (IN.)		TYPE	CLASS	EXTENT											
1	0.640	ML	R2	Y	15.7								15.7																		304 No Base, NB onramp from 54th Ave S	
2	0.641	S	OR	N	9.0								9.0	8.0																	304 NB onramp from 54th Ave S	
3	0.802	S	IR	N	16.2								16.2																		304 NB onramp from 54th Ave S	
4	1.942	ML	R3	Y	14.5								14.5		1.5																	
5	1.944	S	OR	N	7.4								7.4					7.0	7.4	C	III	S	P									
6	2.251	ML	R1	Y	16.0								16.0																		008 NB offramp 26th Ave S (Exit 18)	
7	2.255	S	OR	N	13.6								13.6																		008 NB offramp 26th Ave S (Exit 18)	
8	2.626	ML	R1	N			1.0		1.5		10.9		13.4		10.0																025 NB onramp from 22nd Ave S Westbound	
9	2.628	S	OR	N				1.3		1.7			3.0		2.1																025 NB onramp from 22nd Ave S Westbound	
10	2.980	ML	R3	Y	8.3								8.3	5.0					8.3	C	IB	L	P									
11	2.986	S	OR	N	8.3								8.3																			
12	3.716	ML	R3	Y	9.2								9.2	6.0																		
13	3.721	S	OR	N	8.0								8.0				9.5															
14	4.377	ML	R2	Y	9.0								9.0	10.0					9.0	C	II	M	F								017 NB offramp I-175 East (Exit 22)	
15	4.381	S	OR	N		1.1					4.8		5.9		10.0																017 NB offramp I-175 East (Exit 22)	
16	4.453	S	IR	N		1.6					2.4		4.0																		017 NB offramp I-175 East (Exit 22)	
17	4.404	ML	L2	Y	9.5								9.5	9.0					9.5	C	II	M	P								018 SB onramp from I-175 West	
18	4.401	S	OL	Y		1.2					1.8		3.0						3.0	C	III	L	P								018 SB onramp from I-175 West	
19	4.335	S	IL	N					1.1	1.4	1.9		4.4			7.0															018 SB onramp from I-175 West	
20	3.758	ML	L1	N	10.1								10.1	8.0					10.1	C	III	S	P									
21	3.753	S	IL	N					1.0	1.5			2.5																			
22	2.988	ML	L1	N	9.5								9.5	5.5																		
23	2.983	S	IL	Y	8.0								8.0			12.0																
24	2.154	ML	L1	Y	15.3								15.3																			
25	2.144	S	IL	N	8.3								8.3																			
26	0.688	ML	L2	Y	8.7								8.7	9.0																	305 SB offramp 54th Ave S (Exit 17)	
27	0.679	S	OL	N	9.0								9.0	9.0																	305 SB offramp 54th Ave S (Exit 17)	

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

Cored By: Madrid Engineering Group

Coring Completion Date: 12/8/2021

Typical Section:

W.P.I. No.:	Name: I275/SR93	Lanes: 6
Fin. Proj. ID: 446009-1	From: 54th Ave S	Shoulder Type and Condition: Paved, emer lane good
F.A. Project No.:	Roadway ID: 15190000	To: 5th Ave S
County: Pinellas	SR No.: 93	Beg MP: 0.500
	End MP: 4.456	Length: 3.956
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Paved
	Lawn X	Other:
		Inside: 10' WARN
		Outside: 8-10' WARN, 4-12 LAWN
		Curb & Gutter (Y/N): N

**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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) <sup>4</sup>	COMMENTS
					CONC	FC3	FC5	FC12.5	FC9.5	SP9.5	S						SCEM 300		LR	SHEL	ABC-1	DEPTH (IN.)					
28	0.497	ML	R2	Y				1.9		1.7	0.7			4.3		11.0						F				305 NB onramp from SR682 Pinellas Bayway	
29	0.497	S	OR	N						1.3				1.3		8.0						F				305 NB onramp from SR682 Pinellas Bayway	
30	1.395	ML	R2	Y	15.4									15.4								F					
31	3.473	ML	R2	Y	9.5									9.5	10.0							P					
32	4.173	ML	R2	N	9.7									9.7	6.0				9.7	C	III	S	P				
33	3.917	ML	L3	N	10.2									10.2	8.5				10.2	C	III	S	P				
34	3.916	S	OL	N					1.4	1.3				2.7			2.1					P					
35	3.622	ML	L1	Y	10.7									10.7	5.3							F				015 SB offramp 28th St S (Exit 21)	
36	3.621	S	OL	N					0.9	2.6				3.5			2.3					F				015 SB offramp 28th St S (Exit 21)	
37	3.059	ML	L1	Y	8.3									8.3	7.3							F				014 SB onramp from 31st St S	
38	3.054	S	OL	N	7.7									7.7			10.0					F				014 SB onramp from 31st St S	
39	2.756	ML	L1	N	16.0									16.0					9.6	B	IB	L	P			012 SB offramp 22nd Ave S (Exit 19)	
40	2.730	S	IL	N	15.2									15.2			6.0		8.7	C	II	M	P			012 SB offramp 22nd Ave S (Exit 19), Gore	
41	2.228	ML	L1	Y	16.0									16.0								F				009 SB onramp from 26th Ave S	
42	2.210	S	OL	N	15.8									15.8								F				009 SB onramp from 26th Ave S	
43	1.887	ML	L3	Y	15.7									15.7								F					
44	1.883	S	OL	N	8.1									8.1								F					
45	1.211	ML	L3	Y	15.0									15.0								P					
46	1.206	S	OL	N	8.0									8.0								P					
47	0.686	ML	L1	N	16.5									16.5	6.0							F				305 SB offramp SR682 Pinellas Bayway (Exit 17)	
48	0.688	S	OL	N	8.0									8.0			7.0		8.0	C	II	M	P			305 SB offramp SR682 Pinellas Bayway (Exit 17)	
49	0.638	S	IL	N	16.1									16.1			15.7					F				305 SB offramp SR682 Pinellas Bayway (Exit 17)	
50	0.933	ML	R1	Y	15.7									15.7								F					
51	0.939	S	IR	N	8.8									8.8								P					
52	1.648	ML	R1	Y	15.5									15.5								F					
53	1.651	S	IR	N	7.7									7.7					7.7	C	II	M	P				
54	2.496	ML	R1	Y	16.0									16.0			8.0					F				024 NB onramp from 22nd Ave S Eastbound	

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

Cored By: Madrid Engineering Group

Coring Completion Date: 12/8/2021

Typical Section:

W.P.I. No.:	Name: I275/SR93	Lanes: 6
Fin. Proj. ID: 446009-1	From: 54th Ave S	Shoulder Type and Condition: Paved, emer lane good
F.A. Project No.:	Roadway ID: 15190000	To: 5th Ave S
County: Pinellas	SR No.: 93	Beg MP: 0.500
	End MP: 4.456	Length: 3.956
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Paved
	Lawn X	Other:
		Inside: 10' WARN
		Outside: 8-10' WARN, 4-12 LAWN
		Curb & Gutter (Y/N): N

**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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) <sup>4</sup>	COMMENTS	
					CONC	FC3	FC5	FC12.5	FC9.5	SP9.5	S						SCEM 300		LR	SHEL	ABC-1	DEPTH (IN.)						TYPE
55	2.501	S	OR	N	8.4								8.4						8.4	C	II	M	P				024 NB onramp from 22nd Ave S Eastbound	
56	3.301	ML	R1	N	9.9								9.9	10.0									F					
57	3.304	S	OR	N	7.5								7.5						7.5	C	II	M	P				Core fell apart	
58	3.392	ML	L2	N	9.8								9.8	5.5									F					
59	2.446	ML	L2	N	15.6								15.6	10.5			10.5						F					
60	1.480	ML	L2	N	15.0								15.0										F					
61	3.134	ML	R2	N	8.7								8.7				8.0						F				013 NB offramp 31st St S (Exit 20)	
62	3.135	S	IR	N	9.3								9.3				10.5		8.8	C	II	M	P				013 NB offramp 31st St S (Exit 20)	
63	3.666	ML	R1	Y	9.5								9.5				8.5						F				016 NB onramp from 28th St S	
64	3.669	S	OR	N	10.0								10.0	10.0									F				016 NB onramp from 28th St S	
<b>AVERAGE</b>					<b>11.38</b>	<b>1.30</b>	<b>1.00</b>	<b>1.60</b>	<b>1.18</b>	<b>1.64</b>	<b>3.75</b>		<b>10.17</b>	<b>7.82</b>	<b>6.52</b>	<b>9.05</b>	<b>2.52</b>	<b>9.80</b>	<b>8.44</b>									
<b>MAX</b>					<b>16.50</b>	<b>1.60</b>	<b>1.00</b>	<b>1.90</b>	<b>1.50</b>	<b>2.60</b>	<b>10.90</b>		<b>16.50</b>	<b>10.50</b>	<b>11.00</b>	<b>12.00</b>	<b>2.80</b>	<b>15.70</b>	<b>10.20</b>									
<b>MIN</b>					<b>7.40</b>	<b>1.10</b>	<b>1.00</b>	<b>1.30</b>	<b>0.90</b>	<b>1.30</b>	<b>0.70</b>		<b>1.30</b>	<b>5.00</b>	<b>1.50</b>	<b>6.00</b>	<b>2.10</b>	<b>7.00</b>	<b>3.00</b>									
<b>LAYER COEF.</b>					<b>UNKW</b>	<b>0.17</b>	<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>			<b>0.15</b>	<b>0.18</b>	<b>0.18</b>	<b>0.14</b>	<b>0.08</b>										

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.

<u>Lane Designations - Decreasing MP</u> OL/IL - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	<u>Lane Type</u> ML - Mainline TL - Turn Lane CO - Crossover S - Shoulder SS - Side Street BR - Bridge Approach/Departure	<u>Crack Type</u> A - Alligator B - Block C - Combination	<u>Crack Rating</u> 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	<u>Extent</u> L - Light M - Moderate S - Severe	<u>Pavement Condition</u> G - Good F - Fair P - Poor
---	--	---	--	---	--	---