

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

Cored By: M. Davidson, J. West, D.Teslicko

Coring Completion Date: 3/29/2021 - 4/1/2021

Typical Section: 1

W.P.I. No.:		Name: SR 580	Lanes: 4
Fin. Proj. ID: 440248-1		From: Shore Blvd	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 15050000	To: Forest Lakes Blvd	Inside: -
County: Pinellas	SR No.: 580	Beg MP: 10.962	End MP: 11.480
		Length: 0.518	Outside: -
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y	Paved
		Lawn	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
					FC9.5	SP9.5	S											LR	ABC-1		SCEM 300		DEPTH (IN.)	TYPE		
1	10.999	ML	L1	N	1.7	1.9	1.7								5.3	10.0				12.5					G	
2	11.006	TL	L1	N	1.5	1.6	2.1								5.2	10.0									P	LEFT TURN LANE
3	11.103	TL	L1	N	1.7	1.3	2.0								5.0	10.0									P	LEFT TURN LANE
4	11.172	TL	L1	N	0.9	3.0									3.9		7.0			13.0					P	GORE
5	11.173	TL	L1	N	1.3	2.3									3.6		7.3			13.0					P	LEFT TURN LANE
6	11.194	ML	L1	N	1.0	3.0									4.0		6.4			12.5					P	
7	11.319	TL	L1	N	1.1	3.9									5.0		5.7			12.0					P	GORE
8	11.327	TL	L1	Y	1.5	1.2	1.8								4.5		6.0			14.0					P	LEFT TURN LANE
23	10.980	S	L2	N	1.3	1.4	1.7								4.4	10.0									F	BIKE LANE
24	10.979	ML	L2	N	1.0	1.9	1.7								4.6	11.0									F	
25	11.114	ML	L2	N	1.1		3.1								4.2	11.0					2.6	B	II	M	P	
26	11.354	ML	L2	N	1.5	6.0									7.5		5.0			12.0					P	DEPARTURE
27	11.365	ML	L2	N	1.5	3.7									5.2		5.2			15.0					P	APPROACH
39	10.962	TL	CO	N	1.8	1.5	1.2								4.5	12.3									F	
40	11.037	TL	R1	N	1.0	1.2	2.0								4.2	12.0									F	LEFT TURN LANE
41	11.114	TL	R1	N	1.1	4.9									6.0		10.3			8.0					F	LEFT TURN LANE
42	11.138	TL	R1	N	1.6	2.9									4.5		5.0			14.5					F	GORE
43	11.150	TL	CO	N	1.2	2.8									4.0		5.3			14.0	0.8				P	
44	11.228	TL	R1	N	1.2	2.8									4.0		6.8			13.0					F	LEFT TURN LANE
45	11.269	TL	R1	N	1.4	3.8									5.2		5.7			14.0					F	GORE
46	11.319	ML	R1	N	0.7	3.3									4.0		6.9			14.5	2.3	B	II	L	P	
47	11.395	TL	R1	N	1.4	4.9									6.3		7.6								F	LEFT TURN LANE
48	11.397	TL	R1	N	1.0	5.3									6.3		6.6			11.0					F	GORE
65	10.979	S	R2	N	1.5	1.8	1.9								5.2	11.0									F	BIKE LANE
66	11.275	ML	R2	N	1.2	3.3									4.5		6.5			14.0					P	
67	11.354	ML	R2	N	1.9	1.9									3.8		6.5								P	APPROACH
68	11.365	ML	R2	N	1.0	4.0									5.0		7.8								P	DEPARTURE
69	11.434	TL	R2	N	0.9	2.6									3.5		5.6			13.0					F	RIGHT TURN LANE
76	10.962	SS	L1	N	1.0	3.9									4.9	18.0									G	Shore Blvd
77	10.962	SS	R1	Y	0.7		2.7								3.4	12.5									P	Shore Blvd
78	11.080	SS	L1	N	1.8										1.8			4.0		22.5					P	St Clair Ave
79	11.080	SS	R1	N	0.4		3.3								3.7	12.5									F	St Clair Ave

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Coring Completion Date: 3/29/2021 - 4/1/2021

Typical Section: 1

W.P.I. No.:		Name:	SR 580			Lanes:	4
Fin. Proj. ID:	440248-1	From:	Shore Blvd			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	15050000			Inside:	-
County:	Pinellas	SR No.:	580			Outside:	-
Overall Pavement Condition (from DMO field review):		Fair	Median Curbed (Y/N):	Y	Paved	Lawn	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	
					FC9.5	SP9.5	S									LR		ABC-1	SCEM 300	DEPTH (IN.)			TYPE
80	11.150	SS	L1	N	1.1	3.4							4.5		6.5		12.0				P	Huron Ave	
81	11.150	SS	R1	Y	1.1	3.6							4.7		6.3		12.5				F	Huron Ave	
82	11.224	SS	L1	N	0.7	4.5							5.2		6.5		12.0				P	Duane Ave	
83	11.224	SS	R1	Y	1.7	3.4							5.1		7.1						P	Duane Ave	
84	11.295	SS	L1	N	1.1	1.3	1.1						3.5		6.4		13.0				F	Phoenix Ave	
85	11.295	SS	R1	Y	1.9	3.1							5.0		5.6		13.0				P	Phoenix Ave	
93	11.194	ML	L1	Y	1.2	2.9							4.1		6.5		16.0	2.7	C	II	M	P	
99	11.275	ML	R2	Y	1.0	3.5							4.5		6.0		16.5	3.5	B	III	M	P	
<b>AVERAGE</b>					<b>1.24</b>	<b>2.99</b>	<b>2.02</b>						<b>4.60</b>	<b>11.69</b>	<b>6.45</b>	<b>4.00</b>	<b>13.50</b>	<b>2.38</b>					
<b>MAX</b>					<b>1.90</b>	<b>6.00</b>	<b>3.30</b>						<b>7.50</b>	<b>18.00</b>	<b>10.30</b>	<b>4.00</b>	<b>22.50</b>	<b>3.50</b>					
<b>MIN</b>					<b>0.40</b>	<b>1.20</b>	<b>1.10</b>						<b>1.80</b>	<b>10.00</b>	<b>5.00</b>	<b>4.00</b>	<b>8.00</b>	<b>0.80</b>					
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>	<b>0.25</b>							<b>0.18</b>	<b>0.14</b>	<b>0.15</b>	<b>0.08</b>						

- Notes:
- 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.
  - Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
  - Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
  - The cross slope is approximate and measured in the center of the lane.
  - A blank cell indicates measurement was not recorded.
  - 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	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

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Typical Section: 1

W.P.I. No.:		Name: SR 580	Lanes: 4
Fin. Proj. ID: 440248-1		From: Forest Lakes Blvd	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 15050002	To: Tampa Road	Inside: -
County: Pinellas	SR No.: 580	Beg MP: 0.000	End MP: 1.133
		Length: 1.133	Outside: -
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y	Paved
		Lawn	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	
					FC9.5	SP9.5	S									LR		ABC-1	SCEM 300	DEPTH (IN.)			TYPE
9	0.057	TL	L1	N	1.3	1.3	4.1						6.7		3.7		10.5				P	GORE	
10	0.064	TL	L1	Y	1.1	6.2							7.3		3.6		14.0	4.8	B	III	S	P	LEFT TURN LANE
11	0.241	ML	L1	Y	1.0	3.6							4.6		6.8		20.0					P	
12	0.241	ML	L1	N	0.7		2.9						3.6		6.6		13.5					P	
13	0.388	TL	L1	N	0.7	1.3	1.5						3.5		6.8		12.0					F	GORE
14	0.394	TL	L1	N	1.2	2.0	1.3						4.5		8.8		10.0					F	LEFT TURN LANE
15	0.548	ML	L1	Y	1.0	1.3	1.5						3.8		7.0		13.0	3.3	B	III	S	P	
16	0.764	TL	L1	N	1.2	1.4	2.1						4.7		6.3		12.7					P	LEFT TURN LANE
17	0.771	TL	L1	N	1.1	1.6	1.9						4.6		6.1		13.2					P	GORE
18	0.965	ML	L1	Y	1.0	1.1	2.1						4.2		5.5		14.2					P	
19	0.965	ML	L1	Y	1.2	1.1	1.8						4.1		6.3		13.5	4.1	B	III	S	P	
20	0.965	ML	L1	N	0.9	1.4	2.7						5.0		5.3		13.5	2.8	B	III	S	P	
21	0.994	TL	L1	N	1.5	1.4	3.6						6.5		4.2		13.2					P	LEFT TURN LANE
22	1.000	TL	L1	N	1.0	1.5	1.8						4.3		7.0		12.5					P	GORE
28	0.045	TL	L2	N	1.8	5.1							6.9		3.5		18.0	2.8	B	II	M	P	RIGHT TURN LANE
29	0.170	ML	L2	Y	0.9	3.4	1.2						5.5		4.7		20.0					P	
30	0.170	ML	L2	N	0.7	0.9	3.9						5.5		3.6		20.0					P	
31	0.206	ML	L2	Y	1.0	1.5	3.5						6.0		4.6		14.0	3.3	B	III	S	P	
32	0.206	ML	L2	Y	1.2	2.6	3.2						7.0		4.0		14.0					P	PATCH
33	0.229	ML	L2	Y	1.0	1.3	1.9						4.2		6.2		13.0					P	PATCH
34	0.241	ML	L2	N	0.8	1.3	2.8						4.9		5.6		11.0	3.4	B	III	S	P	
35	0.278	ML	L2	Y	1.1	3.2							4.3		5.6		14.0	4.3	B	III	S	P	
36	0.505	ML	L2	N	1.0	3.0							4.0		6.2		13.3					P	
37	1.071	ML	L2	Y	1.3	1.0	2.4						4.7		3.4		13.0	3.9	B	II	M	P	
38	1.071	ML	L2	Y	1.3	1.3	3.8						6.4		4.8		13.0	2.9	B	II	M	P	
49	0.100	ML	R1	Y	1.2	3.5							4.7		6.0			2.9	B	II	L	P	
50	0.267	ML	R1	Y	0.8	5.2							6.0		5.9		11.5					P	
51	0.273	ML	R1	Y	0.8	1.5	3.7						6.0		5.2		12.5					P	PATCH
52	0.324	TL	R1	N	1.1	3.6							4.7		5.4		14.5	2.8	B	III	L	P	GORE
53	0.325	TL	R1	N	1.2	4.7							5.9		5.0		10.2					P	LEFT TURN LANE
54	0.355	TL	CO	N	1.2	5.6							6.8		6.6		17.0					F	
55	0.493	ML	R1	Y	1.4	1.0	1.5						3.9		6.8		12.0					P	PATCH

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County: Pinellas	SR No.: 580	Beg MP: 0.000	End MP: 1.133
		Length: 1.133	Outside: -
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y	Paved Lawn 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	
					FC9.5	SP9.5	S									LR		ABC-1	SCEM 300	DEPTH (IN.)			TYPE
56	0.644	ML	R1	N	1.1	3.2							4.3		5.5		14.0				P		
57	0.686	TL	R1	N	1.3	6.1							7.4		4.1		14.0				F	LEFT TURN LANE	
58	0.693	TL	R1	N	1.2	3.8							5.0		5.7		14.0				P	GORE	
59	0.934	TL	R1	Y	1.0	3.5							4.5		6.1		13.0				F	LEFT TURN LANE	
60	0.939	TL	R1	N	0.1	2.4	3.5						6.0		4.6		14.0				F	GORE	
61	0.953	TL	R1	N	1.5	3.0							4.5		7.0						P	U TURN LARGE PATCH	
62	0.962	TL	CO	N	0.9	3.6							4.5		5.2		14.0	3.6		III	S	P	
63	1.087	ML	R1	N	1.0	1.3	4.7						7.0		3.6		13.0				P	LARGE PATCH	
64	1.123	TL	R1	N	1.0	2.4	0.6						4.0		6.2		14.0				F	GORE	
70	0.037	ML	R2	N	0.9	4.1							5.0		6.0		13.0	4.2	B	II	M	P	
71	0.174	ML	R2	N	1.0	0.9	4.3						6.2		4.0		13.0				P		
72	0.174	ML	R2	Y	0.6	1.4	1.9						3.9		6.0		13.0	2.0	B	II	M	P	
73	0.174	ML	R2	Y	0.6	1.5	1.9						4.0		5.6		13.0				P		
74	0.467	ML	R2	Y	0.8	1.3	1.0						3.1		6.4		13.0	3.0	B	II	M	P	
75	0.618	ML	R2	N	0.7	1.3	2.0						4.0		6.0		14.0				P		
86	0.000	SS	L1	N	0.7	4.3							5.0		4.6		13.0				P	Forest Lakes Blvd	
87	0.000	SS	R1	N	1.2	1.5	1.6						4.3		6.8		12.0				P	St Petersburg Drive - RIGHT TURN LANE	
88	0.355	SS	R1	N	1.1	1.9	2.4						5.4		5.3		13.0				F	Oakwood Blvd	
89	0.648	SS	R1	N	1.2	3.3	2.5						7.0		4.6		13.0	2.0	B	II	L	P	Chestnut St
90	0.723	SS	L1	N	2.0	1.0	2.0						5.0		6.5		13.0				P	Bayview Blvd	
91	0.723	SS	R1	N	1.3	1.0	1.2						3.5		7.3		13.0				P	Bayview Blvd - LEFT TURN LANE	
92	0.962	SS	R1	N	0.0	2.2	2.8						5.0		5.8		12.5				P	State St - PATCH - RIGHT TURN LANE	
94	0.241	ML	L1	Y	0.8	3.4							4.2		5.9		15.5	2.5	C	II	M	P	
95	0.170	ML	L2	Y	0.8	3.4							4.2		5.9		15.5	3.5	C	III	S	P	
96	0.505	ML	L2	Y	1.1	3.4							4.5		5.9		15.5	1.5	C	III	S	P	
97	0.267	ML	R1	Y	1.1	3.3							4.4		8.5		15.0	3.0	B	II	M	P	
98	0.644	ML	R1	Y	1.2	3.4							4.6		5.3		18.0	2.2	C	II	M	P	
100	0.618	ML	R2	Y	0.7	3.3							4.0		5.8		15.5	2.2	B	II	L	P	
<b>AVERAGE</b>					<b>1.03</b>	<b>2.54</b>	<b>2.43</b>						<b>4.99</b>		<b>5.62</b>		<b>13.80</b>	<b>3.09</b>					
<b>MAX</b>					<b>2.00</b>	<b>6.20</b>	<b>4.70</b>						<b>7.40</b>		<b>8.80</b>		<b>20.00</b>	<b>4.80</b>					
<b>MIN</b>					<b>0.00</b>	<b>0.90</b>	<b>0.60</b>						<b>3.10</b>		<b>3.40</b>		<b>10.00</b>	<b>1.50</b>					
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>	<b>0.25</b>							<b>0.18</b>	<b>0.14</b>	<b>0.15</b>		<b>0.08</b>					