

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

Cored By: Arehna

Coring Completion Date: 12/6/2019

Typical Section: _____

W.P.I. No.:		Name:	SR 687 / US 92 / 4th St. N.			Lanes:	3
Fin. Proj. ID:	439401-1	From:	30th Ave. N.			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	15090000			To:	94th Ave. N
County:	PINELLAS	SR No.:	687			Beg MP:	2.400
			End MP:	6.386	Length:	3.986	Outside:
Overall Pavement Condition (from DMO field review):		Fair	Median Curbed (Y/N):		Paved	Lawn	Other:
							Curb & Gutter (Y/N):

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	S	BIND	SP1F	WC	S	BIND					LR		SHEL	ABC-2	DEPTH (IN.)	TYPE			CLASS	EXTENT
1	2.400	TL	LL	N	1.0	0.7	2.5							4.2	10.0									G	LLTL - Left Roadway Left Turn Lane (Signal)
2	3.920	TL	LL	N	1.0	2.0								3.0	12.0									G	LLTL - Left Roadway Left Turn Lane (Signal)
3	4.400	TL	LL	N	1.2	1.4	1.3							3.9	7.5									G	LLTL - Left Roadway Left Turn Lane (Signal)
4	5.380	TL	LL	N	0.6	1.8	0.8							3.2	8.8									G	LLTL - Left Roadway Left Turn Lane (Signal)
5	6.340	TL	RL	N	0.8	1.4	1.1							3.3	8.0									G	RLTL - Right Roadway Left Turn Lane (Signal)
6	5.320	TL	RL	N	1.8	1.7								3.5	10.0									G	RLTL - Right Roadway Left Turn Lane (Signal)
7	4.370	TL	RL	N	1.2	1.0	1.8							4.0	10.0									G	RLTL - Right Roadway Left Turn Lane (Signal)
8	3.880	TL	RL	N	0.7	2.4								3.1	10.0									G	RLTL - Right Roadway Left Turn Lane (Signal)
9	2.680	ML	L3	N	0.8			1.0		1.0	2.4			5.2	7.0									G	Mainline
10	3.850	ML	L3	N	1.0			1.4			1.1			3.5	9.0									G	Mainline
11	4.840	ML	L3	N	0.9			1.3		1.1				3.3	9.0									G	Mainline
12	5.830	ML	L3	Y	1.1			1.7		1.1				3.9	11.0					12.0				G	Mainline
13	2.910	ML	L2	N	1.2			1.2			0.7			3.1	8.3									G	Mainline
14	3.920	ML	L2	N	1.1			1.8			0.6			3.5	9.5									G	Mainline
15	4.940	ML	L2	N	0.9			1.5			1.2			3.6	8.3					12.0				G	Mainline
16	5.940	ML	L2	N	0.8			1.2			2.1			4.1	8.5									G	Mainline
17	4.840	ML	L1	N	0.8			1.5						2.3	10.0					12.0				G	Mainline
18	4.410	ML	L1	N	1.0			1.5						2.5	8.0									G	Mainline
19	5.380	ML	L1	N	0.9			1.3			0.8			3.0	9.0									G	Mainline
20	6.350	ML	L1	N	1.0			1.5						2.5	10.5									G	Mainline
21	2.440	ML	R1	N	1.0			1.2						2.2	10.0									G	Mainline
22	3.640	ML	R1	N	1.0			1.7						2.7	10.0									G	Mainline
23	4.670	ML	R1	N	1.1			1.2			1.4			3.7	8.0									G	Mainline
24	5.690	ML	R1	N	1.1			1.7						2.8	9.0					12.0				G	Mainline
25	2.690	ML	R2	N	1.0			1.5			1.5			4.0	10.0									G	Mainline
26	3.710	ML	R2	N	1.1			1.4			1.7			4.2	10.0									G	Mainline

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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	S	BIND	SP1F	WC	S	BIND					LR		SHEL	ABC-2	DEPTH (IN.)	TYPE			CLASS	EXTENT	
27	4.720	ML	R2	N	0.9			1.4				1.7			4.0	8.0				12.0					G	Mainline
28	5.690	ML	R2	N	1.1			2.0						3.1	9.0										G	Mainline
29	2.540	ML	R3	N	1.1			1.1				1.4		3.6	10.0										G	Mainline
30	3.760	ML	R3	Y	0.8			1.5				1.6		3.9	8.0				12.0						G	Mainline
31	4.750	ML	R3	N	1.0			1.5				2.0		4.5	10.0										G	Mainline
32	5.680	ML	R3	N	0.9			1.4				0.8		3.1	10.0										G	Mainline
33	2.430	TL	RL	N	0.8	1.5	1.6							3.9	10.0										G	RLTL - Right Roadway Left Turn Lane
34	2.520	CO	CO	N	1.8	0.8	1.7							4.3	8.0										G	Median Cross Over
35	2.680	TL	LL	N	1.1	0.8	2.0							3.9	8.0				12.0						G	LLTL - Left Roadway Left Turn Lane
36	2.690	TL	RL	N	1.1	0.7	1.7							3.5	10.0										G	RLTL - Right Roadway Left Turn Lane
37	2.700	CO	CO	N	1.5	0.9	2.0							4.4	8.0										G	Median Cross Over
38	2.840	TL	LL	N	1.2	0.8	2.1							4.1	11.0										G	LLTL - Left Roadway Left Turn Lane
39	2.930	TL	RL	N	1.2	1.0	1.6							3.8	10.0										G	RLTL - Right Roadway Left Turn Lane
40	3.020	CO	CO	N	1.5	1.5								3.0	10.0										G	Median Cross Over
41	3.100	TL	LL	N	1.4	0.9	1.7							4.0	10.0										G	LLTL - Left Roadway Left Turn Lane
42	3.160	TL	RL	N	1.2	0.9	1.6							3.7	10.0										G	RLTL - Right Roadway Left Turn Lane
43	3.210	CO	CO	N	1.3	0.4	1.5							3.2	9.0										G	Median Cross Over
44	3.280	TL	LL	N	1.2	1.0	1.8							4.0	8.0										G	LLTL - Left Roadway Left Turn Lane
45	3.320	TL	RL	N	1.0	0.8	1.5							3.3	10.0										G	RLTL - Right Roadway Left Turn Lane
46	3.390	CO	CO	N	0.9		1.4							2.3	9.5										G	Median Cross Over
47	3.480	TL	LL	N	1.3	0.9	1.8							4.0	10.0										G	LLTL - Left Roadway Left Turn Lane
48	3.510	TL	RL	N	1.5	0.6	1.2							3.3	9.0										G	RLTL - Right Roadway Left Turn Lane
49	3.580	CO	CO	N	1.4	0.8	1.6							3.8	9.0				12.0						G	Median Cross Over
50	3.670	TL	LL	N	1.1	0.9	1.6							3.6	12.0										G	LLTL - Left Roadway Left Turn Lane
51	3.700	TL	RL	N	1.0	2.0								3.0											G	RLTL - Right Roadway Left Turn Lane
52	3.770	CO	CO	N	1.1	0.9	1.6							3.6	9.0										G	Median Cross Over

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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	S	BIND	SP1F	WC	S	BIND					LR		SHEL	ABC-2	DEPTH (IN.)	TYPE			CLASS	EXTENT	
53	3.870	TL	LL	N	1.4	1.1	1.7							4.2	8.5									G	LLTL - Left Roadway Left Turn Lane	
54	3.950	TL	RL	N	1.1	1.3	1.4							3.8	9.0										G	RLTL - Right Roadway Left Turn Lane
55	4.110	CO	CO	N	1.1	0.8	2.0							3.9	13.0										G	Median Cross Over
56	4.190	TL	LL	N	1.3	1.7	1.0							4.0	9.0										G	LLTL - Left Roadway Left Turn Lane
57	4.220	TL	RL	N	1.1	1.0	2.2							4.3	10.0										G	RLTL - Right Roadway Left Turn Lane
58	3.330	CO	CO	N	1.0	1.8	1.0							3.8	8.0										G	Median Cross Over
59	4.520	TL	LL	N	1.4	2.3								3.7	9.0										G	LLTL - Left Roadway Left Turn Lane
60	4.650	TL	RL	N	1.2	1.3	1.1							3.6	10.0										G	RLTL - Right Roadway Left Turn Lane
61	4.620	CO	CO	N	1.0	1.4	0.6							3.0	9.0										G	Median Cross Over
62	4.680	CO	CO	N	1.1	1.8	0.8							3.7	8.3										G	Median Cross Over
63	4.740	TL	LL	N	1.0	1.5								2.5	10.0										G	LLTL - Left Roadway Left Turn Lane
64	4.790	TL	RL	N	1.2	1.0	1.5							3.7	10.0										G	RLTL - Right Roadway Left Turn Lane
65	4.890	CO	CO	N	1.1	1.3	1.6							4.0	8.0										G	Median Cross Over
66	4.950	TL	RL	N	1.2	1.1								2.3	10.0										G	RLTL - Right Roadway Left Turn Lane
67	5.020	CO	CO	N	1.0	0.7			0.5	0.5				2.7	9.3										G	Median Cross Over
68	5.100	TL	RL	N	1.5	1.1			1.1	0.3				4.0	10.0										G	RLTL - Right Roadway Left Turn Lane
69	5.160	CO	CO	N	1.4	0.9			0.4	0.3				3.0	9.0										G	Median Cross Over
70	5.230	TL	RL	N	1.1	0.9	1.5							3.5	10.0										G	RLTL - Right Roadway Left Turn Lane
71	5.300	CO	CO	N	0.7	1.9								2.6	10.5										G	Median Cross Over
72	5.340	CO	CO	N	1.1	0.6	1.6							3.3	10.0										G	Median Cross Over
73	5.520	TL	LL	N	0.9	2.3								3.2	9.0										G	LLTL - Left Roadway Left Turn Lane
74	5.540	TL	RL	N	1.3	1.1	1.2							3.6	10.0										G	RLTL - Right Roadway Left Turn Lane
75	5.600	CO	CO	N	0.6	1.7			0.5					2.8	9.0						12.0				G	Median Cross Over
76	5.860	CO	CO	N	0.7	0.8	0.9							2.4	10.5										G	Median Cross Over
77	6.060	TL	LL	N	1.6	2.6								4.2		10.0									G	LLTL - Left Roadway Left Turn Lane
78	6.130	TL	LL	N	1.5	1.2	1.0							3.7	9.3										G	LLTL - Left Roadway Left Turn Lane

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		Length: 3.986
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N):	Other:
	Paved	Lawn
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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	S	BIND	SP1F	WC	S	BIND	LR		SHEL	ABC-2	DEPTH (IN.)		TYPE	CLASS	EXTENT					
79	6.150	TL	RL	N	1.3	0.7	1.6							3.6	9.0									G	RLTL - Right Roadway Left Turn Lane
80	6.240	CO	CO	N	1.2		1.6							2.8	8.0									G	Median Cross Over
81	6.290	TL	LL	N	0.9	1.4	1.3							3.6	3.5									G	LLTL - Left Roadway Left Turn Lane
82	6.310	TL	RL	N	0.6	0.7	1.2							2.5	8.0									G	RLTL - Right Roadway Left Turn Lane
AVERAGE					1.10	1.22	1.50	1.44	0.63	0.72	1.40			3.48	9.30	10.00	10.30		12.00						
MAX					1.80	2.60	2.50	2.00	1.10	1.10	2.40			5.20	13.00	10.00	10.30		12.00						
MIN					0.60	0.40	0.60	1.00	0.40	0.30	0.60			2.20	3.50	10.00	10.30		12.00						
LAYER COEF.					0.25	0.25	0.20	0.25	UNKW	0.25	0.20				0.18	0.18	0.16		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.

<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				