

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

Cored By: Madrid Engineering Group

Coring Completion Date: 11/30/2021

Typical Section: \_\_\_\_\_

W.P.I. No.:		Name: SR 595 / 5th Ave North	Lanes: 4
Fin. Proj. ID: 448036-1		From: SR 687	Shoulder Type and Condition: None
F.A. Project No.:	Roadway ID: 15010000	To: N of 58th St N	Inside: N
County: Pinellas	SR No.: 595	Beg MP: 0.000	End MP: 4.638
		Length: 4.638	Outside: N
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): Y	Paved X	Lawn X
		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 <sub>3</sub>	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC12.5	SP9.5	S2	S	T1									BRCK	LR				DEPTH (IN.)	TYPE			CLASS
1	0.151	ML	R2	N	1.1	1.4	1.7		1.3							5.5	3.0					5.5	C	II	M	P	
2	0.171	S	OR	N	1.7	1.1	1.6		1.1						5.5	3.0						5.5	C	III	S	P	
3	0.464	TL	RL	Y	1.5	1.1	1.9		1.6						6.1	3.0						6.1	C	III	S	P	
4	0.788	ML	R2	N	1.4	1.9			2.9						6.2	3.0						6.2	C	III	S	P	
5	0.797	S	OR	N	1.5	1.1	0.7		1.3						4.6	3.0										F	
6	1.870	ML	R2	N	1.3	2.4	2.6								6.3				13.0			0.7	C	II	M	P	
7	3.245	ML	R2	Y	1.2	1.2			2.1						4.5	2.6			5.5			4.5	C	III	S	P	Asphalt Brick Base
8	4.594	ML	R2	N	1.5	1.3		0.4							3.2		11.0				3.2	C	II	M	P	Right turn lane continuing on SR 595	
9	4.570	TL	LR	Y	1.3	1.0		0.4							2.7		12.0				2.0	C	II	M	P	RTL onto 58th St N	
10	4.323	ML	L2	N	1.4	1.7			1.9						5.0	2.9			4.0			1.3	C	II	M	P	Asphalt Brick Base, 2in sand b/w base and shellrock sg
11	2.719	ML	L2	Y	1.6	1.4			1.2						4.2	2.7			5.0			3.6	C	II	M	P	Asphalt Brick Base
12	1.315	ML	L1	N	1.6	0.6	3.1		1.2						6.5	2.6			6.0							F	Asphalt Brick Base
13	1.139	TL	LR	Y	1.4	0.7	1.0		1.5						4.6	2.7			4.0			4.6	C	II	M	P	Asphalt Brick Base, Rightmost RTL to 4th Ave N
14	1.024	TL	LL	N	1.4	1.2	3.1		2.6						8.3	2.2			4.0							F	Asphalt Brick Base, LTL onto 16th St N
15	0.684	ML	L1	N	1.5	1.6	0.9		1.2						5.2	3.0					5.2	C	II	M	P		
16	0.516	TL	LR	Y	2.0	1.7	0.9		1.3						5.9	3.0					3.0	C	II	M	P	RTL onto MLK JR ST N	
17	0.538	TL	RL	Y	1.7	1.5	1.9		1.7						6.8	3.0										P	LTL onto MLK JR ST N
18	0.743	ML	R1	Y	1.9	1.4	1.4		1.4						6.1	3.0					1.8	C	II	M	P		
19	0.979	TL	RL	N	1.7	2.1	2.6		1.1						7.5	3.0										F	LTL onto 16th St N
20	1.270	ML	R1	Y	1.5	1.3	3.6		1.6						8.0	2.5			6.0			8.0	C	IB	L	P	Asphalt Brick Base

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County:	Pinellas	SR No.:	595		Beg MP:	0.000	End MP:	4.638	Length:	4.638	Outside:	N
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	Y	Paved X	Lawn X	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 <sub>3</sub>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC12.5	SP9.5	S2	S	T1									BRCK	LR				DEPTH (IN.)	TYPE		
21	1.407	CO	C	N	1.9	1.5	2.4		2.2						8.0	2.6				7.0	2.5	C	III	S	P	Asphalt Brick Base, Bottom up crack, 2in sand above sg
22	1.482	TL	RL	Y	1.5	1.2	2.2		1.8						6.7	2.5				6.0	6.7	C	III	S	P	Asphalt Brick Base, LTL onto 22nd St N, 2in sand above sg
23	1.572	ML	R1	Y	1.6	1.0	3.0		2.4						8.0	2.5				6.0	3.5	C	II	M	P	Asphalt Brick Base, Bottom up crack, 2in sand above sg
24	1.646	TL	RL	Y	1.5	1.1	2.0		1.9						6.5	2.7				6.0	6.5	C	III	S	P	Asphalt Brick Base, LTL onto 24th St N, 2in sand above sg
25	1.809	TL	RL	N	1.5	0.6	4.0		2.3						8.4	2.6				5.0	8.4	C	III	S	P	Asphalt Brick Base, LTL onto 26th St N, 2in sand above sg
26	1.918	CO	C	N	2.0	0.6	4.0		2.4						9.0	2.5				5.0					F	Asphalt Brick Base, 2in sand above sg
27	2.071	TL	RL	Y	1.4	0.7	3.3		2.1						7.5	2.5				5.0	7.5	C	III	S	P	Asphalt Brick Base, LTL onto 29th St N, 2in sand above sg
28	2.134	ML	R1	N	1.7	1.1	1.8		2.8						7.4	2.5				5.5	7.4	C	III	S	P	Asphalt Brick Base, 2in sand above subgrade
29	2.235	TL	RL	N	1.3	1.1	3.1		2.1						7.6	2.6				4.0	1.3	C	III	S	P	Asphalt Brick Base, LTL onto 31st St N, 2in sand above subgrade
30	2.407	TL	RL	N	1.5	0.8			3.1						5.4	2.7				5.0	2.1	C	IB	L	P	Asphalt Brick Base, LTL onto 33rd St N
31	2.474	ML	R1	Y	1.4				3.1						4.5	2.6				6.0					P	Asphalt Brick Base, 2in sand above subgrade
32	2.583	TL	RL	N	1.5	0.9			3.1						5.5	2.4				4.0	5.5	C	II	M	P	Asphalt Brick Base, 2in sand above subgrade
33	2.675	CO	C	N	1.5	1.1			1.4						4.0	3.0				6.0	2.6	C	II	M	P	Asphalt Brick Base, Bottom up crack, 2in sand above sg
34	2.736	ML	R1	N	1.4	1.0			2.4						4.8	2.8				6.0	4.8	C	IB	L	P	Asphalt Brick Base, 2in sand above subgrade
35	2.827	TL	RL	N	1.4	1.2			3.4						6.0	2.6				6.0					F	Asphalt Brick Base, LTL onto 38th St N
36	2.929	CO	C	N	1.2	2.2			2.9						6.3	2.5				6.0	2.6	C	III	S	P	Asphalt Brick Base, 2in sand above subgrade
37	3.070	TL	RL	Y	1.1	0.5			3.3						4.9	2.6				5.0	4.9	C	III	S	P	Asphalt Brick Base, LTL onto 41st St N
38	3.140	ML	R1	Y	1.3	1.0			2.8						5.1	2.7				6.0	5.1	C	III	S	P	Asphalt Brick Base
39	3.240	TL	RL	N	1.5	0.9			3.5						5.9	2.6				5.0	5.9	C	III	S	P	Asphalt Brick Base, LTL onto 43rd St N
40	3.335	ML	R1	Y	1.5	0.8			2.9						5.2	2.8				5.0	5.2	C	III	S	P	Asphalt Brick Base

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F.A. Project No.:		Roadway ID:	15010000		To:	N of 58th St N		Inside:	N			
County:	Pinellas	SR No.:	595		Beg MP:	0.000	End MP:	4.638	Length:	4.638	Outside:	N
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	Y	Paved X	Lawn X	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 <sub>3</sub>	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC12.5	SP9.5	S2	S	T1									BRCK	LR				DEPTH (IN.)	TYPE			CLASS
41	3.426	TL	RL	Y	1.5	1.0				2.7						5.2	7.6				6.0	5.2	C	III	S	P	Asphalt Brick Base, LTL onto 45th St N
42	3.561	TL	RL	Y	1.7	0.7				3.2						5.6	2.7				6.0	5.6	C	III	S	P	Asphalt Brick Base, LTL onto 47th St N
43	3.657	ML	R1	Y	1.5	0.9				4.1						6.5	2.4				5.0	6.5	C	III	S	P	Asphalt Brick Base
44	3.735	TL	RL	Y	1.3	1.3				3.1						5.7	2.5				7.5	5.7	C	II	M	P	Asphalt Brick Base, LTL onto 49th St N
45	3.835	CO	C	N	1.2	1.1				3.1						5.4	2.6				8.0	5.4	C	III	S	P	Asphalt Brick Base
46	3.896	TL	RL	N	1.5	0.7				3.3						5.5	2.4				5.0	5.5	C	III	S	P	Asphalt Brick Base, LTL onto 51st St N
47	4.073	TL	RL	Y	1.6	0.9				4.7						7.2	2.8				5.0	7.2	C	III	S	P	Asphalt Brick Base, LTL onto 53rd St N
48	4.180	CO	C	N	1.4	0.9				2.5						4.8	2.9				5.5	4.8	C	III	S	P	Asphalt Brick Base
49	4.247	TL	RL	N	1.7	1.0				3.6						6.3	2.9				6.0					F	Asphalt Brick Base, LTL onto 55th St N
50	4.340	ML	R1	Y	1.3	1.0				3.8						6.1	2.4				6.0	6.1	C	II	S	P	Asphalt Brick Base
51	4.431	TL	RL	N	1.5	1.0				3.9						6.4	2.2				6.0	6.4	C	III	S	P	Asphalt Brick Base, LTL onto 57th St N
52	4.502	TL	RL	N	1.8	1.2				4.3						7.3	2.4				6.0	7.3	C	II	M	P	Asphalt Brick Base, LTL onto 58th St N
53	4.604	TL	RL	Y	1.2	1.3				4.5						7.0	2.4				4.0	7.0	C	II	M	P	Asphalt Brick Base, straight travel lane onto 5th Ave N westbound
54	4.615	ML	L1	N	1.5	1.0	0.6			3.6						6.7	2.5				6.0					P	Asphalt Brick Base, 1in sand above subgrade
55	4.553	TL	LL	Y	1.7	1.4				4.6						7.7	2.8				8.0	1.7	C	III	S	P	Asphalt Brick Base, LTL onto 58th St N
56	4.383	ML	L1	Y	1.3	1.0				3.4						5.7	2.4				5.0	5.7	C	III	S	P	Asphalt Brick Base
57	4.294	TL	LL	N	1.5	0.9				3.7						6.1	2.9				4.5	6.1	C	III	S	P	Asphalt Brick Base, LTL onto 55th St N
58	4.125	TL	LL	N	1.3	1.0				3.3						5.6	2.5				5.0	5.6	C	III	S	P	Asphalt Brick Base, LTL onto 53rd St N
59	3.945	TL	LL	N	1.5	0.9				4.2						6.6	2.3				5.0	6.6	C	III	S	P	Asphalt Brick Base, LTL onto 51st St N, 1in sand above sg
60	3.781	TL	LL	Y	1.4	1.0				3.4						5.8	2.8				4.0	5.8	C	III	S	P	Asphalt Brick Base, LTL onto 49th St N, 1in sand above sg

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Fin. Proj. ID:	448036-1	From:	SR 687				Shoulder Type and Condition:	None				
F.A. Project No.:		Roadway ID:	15010000		To:	N of 58th St N		Inside:	N			
County:	Pinellas	SR No.:	595		Beg MP:	0.000	End MP:	4.638	Length:	4.638	Outside:	N
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	Y	Paved X	Lawn X	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 <sub>3</sub>	CRACK				PAVEMENT CONDITION	COMMENTS		
					FC12.5	SP9.5	S2	S	T1								BRCK	LR				DEPTH (IN.)	TYPE	CLASS			EXTENT	
61	3.691	ML	L1	Y	1.6	1.1				3.2						5.9	2.3				4.0	5.9	C	III	S	P	Asphalt Brick Base, 1in sand above subgrade	
62	3.611	TL	LL	Y	1.6	1.0				3.6						6.2	2.4				8.0	6.2	C	III	S	P	Asphalt Brick Base, LTL onto 47th St N, 1in sand above sg	
63	3.511	CO	C	N	1.8	0.9				3.1						5.8	2.6				5.0					F	Asphalt Brick Base, Layer Separation, 1in sand above sg	
64	3.394	CO	C	N	1.8	1.3				2.5						5.6	2.4				7.0					F	Asphalt Brick Base, 1in sand above subgrade	
65	3.288	ML	L1	Y	1.5	0.8				4.2						6.5	3.0				7.0	6.5	C	III	S	P	Asphalt Brick Base, 1in sand above subgrade	
66	3.199	TL	LL	Y	1.5	1.0				2.8						5.3	2.4				6.0	5.3	C	III	S	P	Asphalt Brick Base, LTL onto 42nd St N, 1in sand above sg	
67	3.100	CO	C	N	1.5	0.8				2.3						4.6	2.9				6.0	4.6	C	III	S	P	Asphalt Brick Base, 1in sand above subgrade	
68	3.032	TL	LL	N	1.3	1.2				3.0						5.5	2.6				5.0					F	Asphalt Brick Base, LTL onto 40th St N, 1in sand above sg	
69	2.893	CO	C	N	1.5	1.2				3.7						6.4	2.8				9.0	6.4	C	III	S	P	Asphalt Brick Base, 1in sand above subgrade	
70	2.637	CO	C	N	1.2	0.5				2.8						4.5		6.0				4.5		C	III	S	P	
71	2.537	TL	LL	Y	1.4	0.7				2.4						4.5	2.5				4.0					F	Asphalt Brick Base, LTL onto 34th St N, Bottom up crack	
72	2.441	ML	L1	N	1.5	1.0				4.8						7.3	2.3				4.0	7.3	C	III	S	P	Asphalt Brick Base, 2in sand above subgrade	
73	2.365	TL	LL	N	1.4	1.0				3.8						6.2	2.8				5.0	6.7	C	III	S	P	Asphalt Brick Base, LTL onto 32nd St N, 2in sand above sg	
74	2.190	TL	LL	N	1.5	1.2	2.9			1.4						7.0	2.5				5.0	7.0	C	III	S	P	Asphalt Brick Base, LTL onto 30th St N, 2in sand above sg	
75	2.108	ML	L1	Y	1.3	0.8	2.8			2.2						7.1	2.4				6.0	7.1	C	III	S	P	Asphalt Brick Base, 2in sand above subgrade	
76	2.026	TL	LL	N	1.7	1.3	2.6			1.9						7.5	2.5				5.0					P	Asphalt Brick Base, LTL onto 28th St N, 2in sand above sg	
77	1.895	TL	LL	Y	1.6	1.3	3.9			2.4						9.2	2.6				5.0	2.3	C	III	S	P	Asphalt Brick Base, LTL into St Pete HS. 2in sand above sg	
78	1.736	ML	L1	N	1.7	1.1	2.5			2.2						7.5	2.5				7.0	7.5	C	III	S	P	Asphalt Brick Base	
79	1.605	ML	L1	Y	1.3	1.0	1.5			3.2						7.0	2.5				5.0	7.0	C	II	M	P	Asphalt Brick Base, 2in sand above subgrade	
80	1.506	CO	C	N	1.2	1.0	2.5			2.0						6.7	2.3				6.0	6.7	C	III	S	P	Asphalt Brick Base, 2in sand above subgrade	

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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 <sub>3</sub>	CRACK				PAVEMENT CONDITION	COMMENTS		
					FC12.5	SP9.5	S2	S	T1									BRCK	LR				DEPTH (IN.)	TYPE			CLASS	EXTENT
81	1.384	CO	C	N	1.2	1.1	3.6		2.1							8.0	2.5				6.0	8.0	C	III	S	P	Asphalt Brick Base, 2in sand above subgrade	
82	3.889	ML	L2	N	0.9	3.0			1.4							5.3	2.6				6.1					P	Asphalt Brick Base, 1in sand above subgrade	
83	1.975	ML	L2	Y	1.0	2.5	0.7		0.9							5.1	2.6				6.0					P	Asphalt Brick Base, 1in sand above subgrade	
84	1.387	ML	L2	Y	0.8	1.6			0.7							3.1	2.3				6.4	3.1	C	II	M	P	Asphalt Brick Base, 1in sand above subgrade	
<b>AVERAGE</b>					<b>1.47</b>	<b>1.15</b>	<b>2.32</b>	<b>0.40</b>	<b>2.65</b>							<b>6.08</b>	<b>2.69</b>	<b>9.67</b>			<b>5.69</b>	<b>5.22</b>						
<b>MAX</b>					<b>2.00</b>	<b>3.00</b>	<b>4.00</b>	<b>0.40</b>	<b>4.80</b>							<b>9.20</b>	<b>7.60</b>	<b>12.00</b>			<b>13.00</b>	<b>8.40</b>						
<b>MIN</b>					<b>0.80</b>	<b>0.50</b>	<b>0.60</b>	<b>0.40</b>	<b>0.70</b>							<b>2.70</b>	<b>2.20</b>	<b>6.00</b>			<b>4.00</b>	<b>0.70</b>						
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.23</b>								<b>UNKW</b>	<b>0.18</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>	<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				