

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

Cored By: Intertek- PSI

Coring Completion Date: 12/4/2022

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

W.P.I. No.:		Name:	SR 789			Lanes:	2 Lane Major Urban Collector				
Fin. Proj. ID:	449119-1	From:	Sarasota County Line			Shoulder Type and Condition: Fair					
F.A. Project No.:		Roadway ID:	13080000		To:	Longboat Pass, Bridge # 130057					
County:	Manatee	SR No.:	789		Beg MP:	0.000	End MP:	4.545			
					Length:	4.545		Outside:	Y		
Overall Pavement Condition (from DMO field review):				Fair	Median Curbed (Y/N):	N	Paved	Lawn	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	COMMENTS
					FC9.5	FC12.5	SP12.5	SP9.5	S1	S2	T1	WC	BIND	SHEL		LR	ABC-2	CONC	DEPTH (IN.)		TYPE	CLASS	EXTENT			
1	0.007	ML	R1	N			2.7			2.6	1.7	0.8			7.8	8.0								F	Patch.	
2	0.181	S	OR	N		1.5	1.3	1.4						4.2	12.0									F		
3	0.306	SS	NA	N		2.0		2.9						4.9		12.0					2.3	B	IB	M	P	Sutton Pl.
4	0.508	TL	RR	Y		1.7		0.8	2.1					4.6		9.2					4.6	B	II	S	P	
5	0.736	ML	R1	Y		1.5		1.2	1.0					3.7			8.3		12.5		1.9	B	IB	M	F	
6	0.779	TL	RL	N		1.9	1.0			1.8		1.0		5.7	8.0									F	Patch.	
7	0.807	TL	RR	N		1.8			2.2					4.0			7.5				4.0	B	IB	S	P	Base crack.
8	1.048	TL	RL	N		1.2		1.2		4.0				6.4	8.5						6.4	C	II	S	P	Base crack.
9	1.365	S	OR	N		1.5		2.0						3.5			3.0							F		
10	1.729	SS	NA	N		1.7		2.3						4.0	12.0						4.0	B	II	S	P	The Centre Shops Ent. Base crack.
11	1.763	TL	C	N		1.5				3.5				5.0	9.0						5.0	B	IB	S	F	Base crack.
12	1.875	SS	NA	N	0.9			1.7						2.6	10.5									F	Public Safety Complex Ent.	
13	1.900	ML	R1	N		1.5				3.5				5.0	8.5				13.0		5.0	B	IB	S	P	Base crack.
14	1.930	SS	NA	N		1.3		1.7						3.0			3.0				3.0	B	IB	S	P	Gulf Bay Rd. Base crack.
15	1.981	SS	NA	N	1.1									1.1	12.0									F	Community Park Ent.	
16	2.042	SS	NA	N		1.9		3.1						5.0			8.5							P	St. Jude's Dr.	
17	2.098	SS	NA	N		1.3		2.7			2.8			6.8	7.6									P	Tarawitt Dr.	
18	2.135	SS	NA	N		1.6	1.4				4.3			7.3	9.2									F	Jungle Queen Way.	
19	2.151	TL	C	N		1.3		1.0		3.1		1.0		6.4	7.6						6.4	B	III	S	P	
20	2.172	SS	NA	N		2.0			1.8					3.8	7.8						3.8	B	III	M	P	Companion Way.
21	2.299	TL	RR	N		1.9		3.6						5.5			8.3				1.9	B	III	M	P	
22	2.399	TL	RR	N		1.3		2.8						4.1			5.9							F		
23	2.410	SS	NA	Y		1.7		2.5						4.2			4.0							F	Binnacle Pt. Dr.	
24	2.463	S	OR	N		1.5		2.0						3.5			3.5							F		
25	2.730	ML	R1	Y		1.5		1.3		2.4	0.5	0.4		6.1	9.1						6.1	B	II	S	P	
26	2.815	SS	NA	N		1.8			3.2					5.0	8.5						5.0	B	II	S	P	Dream Island Rd.
27	3.081	SS	NA	Y		1.7	3.5							5.2	9.4									F	Ed Lee Rd.	
28	3.149	ML	R1	Y		1.3		2.0		1.9	0.6	0.8		6.6	6.5				12.0		6.6	B	II	S	P	
29	2.231	SS	NA	N		1.9			2.6					4.5	8.7									F	Wake Island Rd.	



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Cored By: Intertek- PSI

Coring Completion Date: 12/4/2022

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

W.P.I. No.:		Name: SR 789		Lanes: 2 Lane Major Urban Collector	
Fin. Proj. ID: 449119-1		From: Sarasota County Line		Shoulder Type and Condition: Fair	
F.A. Project No.:		Roadway ID: 13080000	To: Longboat Pass, Bridge # 130057		Inside: N
County: Manatee	SR No.: 789	Beg MP: 0.000	End MP: 4.545	Length: 4.545	Outside: Y
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N	Paved	Lawn	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	COMMENTS
					FC9.5	FC12.5	SP12.5	SP9.5	S1	S2	T1	WC	BIND	SHEL		LR	ABC-2	CONC	DEPTH (IN.)		TYPE	CLASS	EXTENT			
59	4.211	SS	NA	N		1.5		1.5							3.0			5.1						F	Broadway.	
60	4.330	ML	L1	Y		1.5		1.2			1.1	0.7			4.5		12.0			12.0	4.5	B	IB	S	P	
61	4.467	SS	NA	N		2.0		0.8			0.8				3.6		13.0				2.0	B	IB	S	P	North Shore Rd.
<b>AVERAGE</b>					<b>1.14</b>	<b>1.65</b>	<b>1.91</b>	<b>1.78</b>	<b>2.21</b>	<b>2.63</b>	<b>1.50</b>	<b>0.78</b>	<b>1.10</b>		<b>4.43</b>	<b>8.88</b>	<b>11.10</b>	<b>5.01</b>		<b>12.57</b>	<b>3.85</b>					
<b>MAX</b>					<b>1.80</b>	<b>2.80</b>	<b>3.50</b>	<b>5.00</b>	<b>3.50</b>	<b>4.00</b>	<b>4.30</b>	<b>1.30</b>	<b>1.10</b>		<b>8.10</b>	<b>13.00</b>	<b>13.40</b>	<b>8.50</b>		<b>13.00</b>	<b>8.10</b>					
<b>MIN</b>					<b>0.90</b>	<b>1.00</b>	<b>1.00</b>	<b>0.30</b>	<b>1.00</b>	<b>1.60</b>	<b>0.50</b>	<b>0.40</b>	<b>1.10</b>		<b>1.10</b>	<b>5.00</b>	<b>8.20</b>	<b>2.30</b>		<b>12.00</b>	<b>0.30</b>					
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</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>0.20</b>			<b>0.18</b>	<b>0.18</b>	<b>0.16</b>	<b>UNKW</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	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