STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Intertek- PSI

Coring Completion Date: 5/4/2022

Typical Section:

W.P.I. No.:				Name:	SR 72					Lanes:	6
Fin. Proj. ID:	449122-1			From:	SR 45					Shoulder Type and Condition:	Fair
F.A. Project No.:		Roadway ID:	17070000	To:	Honore Ave.					Inside:	Fair
County:	Sarasota	SR No.:	SR 72	Beg MP:	0.059	End MP:	3.888	Length:	3.829	Outside:	Fair
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved: Y	Lawn:	Other:		Curb & Gutter (Y/N):	Y

All Cores

CORE NO.	MILE POST [2]	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.) FC12.5	FC9.5	FC3	SP9.5	S	WC	T1					TOTAL ASPHALT THICKNESS (IN.)	BASE LR	SHEL	ABC-2	SCEM 300	GRAV	STABILIZED SUBGRADE [3]	CRACK DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
1	0.100	ML	R1	N		1.3		1.5	1.6							4.4	12.7										F	LR Base
2	0.110	TL	RR	N		1.3		1.4	1.6							4.3		10.6				12.0					F	
3	0.135	SS	RR	N				2.5								2.5		11.0									F	Sarasota Pavillionent - South Side, RRTL (1st)
4	0.310	ML	R2	N		1.3		2.2	1.0							4.5		11.7									F	
5	0.355	CO	CO	N		1.4		2.5								3.9		12.3									F	
6	0.421	TL	RL	N	1.7			2.4								4.1		11.6									F	Bottom Up Crack
7	0.465	SS	RR	Y		1.2			1.8							3.0		11.0									F	Gateway Ave. - South Side, RRTL (1st)
8	0.511	ML	R2	N	1.5			2.7								4.2		10.5					3.0	C	IB	S	F	Longitudinal Crack
9	0.600	SS	L1	N	1.6			2.8								4.4		11.5					3.0	B	IB	S	F	Denham Ln. - South Side, L1
10	0.700	ML	R3	N	1.5			1.6								3.1		11.0				12.0					F	
11	0.750	TL	RL	N	1.5			2.7								4.2		11.4									F	RLTL (1st.)
12	0.916	SS	L1	Y	1.5			3.0								4.5		10.5					3.5	B	II	M	F	Colonial Dr. - South Side, L1
13	1.083	ML	R3	N	1.1			2.6								3.7		11.2				12.0	3.7	B	IB	S	F	
14	1.150	SS	L1	N	1.5			3.0								4.5		11.5					3.4	B	IB	M	F	Nutmeg Ave. - South Side, L1
15	1.194	ML	R2	N	1.4			2.9								4.3		11.7				12.0					F	Transverse Crack
16	1.248	SS	L1	N		0.9		3.4								4.3		9.7									F	Olive Ave. - South Side, L1
17	1.262	TL	RL	N		1.2		2.9								4.1		10.0									F	
18	1.292	SS	R1	N		1.0		3.4								4.4		11.7					4.4	B	IB	S	F	Lockwood Ridge Rd. - South Side, R1
19	1.400	ML	R2	Y	1.6			2.6								4.2		11.8					4.2	B	IB	S	F	
20	1.425	SS	L1	N		1.2		3.8								5.0		13.0					3.3	B	II	M	F	Nelson St. - South Side, L1
21	1.550	SS	L1	N		1.2		3.4								4.6		11.2									F	Rockefeller Ave. - South Side, L1
22	1.580	CO	CO	N		1.1		2.1								3.2		10.7					3.2	B	IB	S	F	
23	1.615	SS	R1	N		2.0										2.0		11.2									F	Beneva Village - South Side, R1
24	1.670	ML	R1	N	1.6			3.4								5.0		11.5				14.0	4.0	B	IB	M	F	
25	1.695	SS	L1	N				1.2								1.2		11.0									F	Beneva Village - South Side, L1
26	1.775	TL	RL	N	1.7			2.8								4.5		11.8					2.6	B	IB	M	F	RLTL (2nd.)
27	1.800	SS	R2	N		1.1		1.9								3.0		10.0									F	S Beneva Rd. - South Side, R2
28	1.873	SS	L1	N		0.9		4.3								5.2		10.8					3.0	B	IB	M	F	Mirror Lake Rd. - South Side, L1
29	1.938	ML	R2	N		1.1		2.6								3.7		12.1					3.7	B	III	S	F	Longitudinal Crack
30	2.168	SS	RR	N	1.5				1.2							2.7		10.0					2.7	B	IB	S	P	Willshire Blvd. - South Side, RRTL (1st)
31	2.252	ML	R1	Y	1.5			2.5								4.0		12.1					3.0	B	IB	S	F	
32	2.260	TL	RL	Y		1.3		2.2								3.5		11.7					2.0	B	II	M	F	
33	2.314	SS	RR	Y		1.0		2.1								3.1		14.5									F	Sawyer Rd. - South Side, RRTL (1st)
34	2.390	TL	RR	N	1.9			2.9								4.8		13.0									F	
35	2.440	ML	R3	Y	1.6			2.5								4.1		9.5				12.0	3.0	B	IB	S	F	
36	2.470	TL	RR	Y		1.2		2.6								3.8		15.0									F	
37	2.482	SS	L1	N		1.2		2.5								3.7		12.1									F	Grocery Ln. - South Side, L1
38	2.561	ML	R2	N	1.6	2.6										4.2		11.6					2.5	B	II	M	F	
39	2.650	SS	L1	N		1.0										1.0				7.2			1.0	B	IB	S	P	Base Crack, Derek Ave. - South Side, L1
40	2.790	TL	RL	N	1.6			2.6								4.2		11.6									F	
41	2.888	TL	RL	N				2.0	2.1							4.1		11.7									F	
42	2.826	SS	RR	N		1.2		3.3								4.5		11.7									F	McIntosh Rd. - South Side, RRTL (1st)
43	3.030	TL	RL	N		1.2		2.4								3.6		12.0									F	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Intertek- PSI

Coring Completion Date: 5/4/2022

Typical Section:

W.P.I. No.:				Name:	SR 72					Lanes:	6
Fin. Proj. ID:	449122-1			From:	SR 45					Shoulder Type and Condition:	Fair
F.A. Project No.:		Roadway ID:	17070000	To:	Honore Ave.					Inside:	Fair
County:	Sarasota	SR No.:	SR 72	Beg MP:	0.059	End MP:	3.888	Length:	3.829	Outside:	Fair
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved: Y	Lawn:	Other:		Curb & Gutter (Y/N):	Y

All Cores

CORE NO.	MILE POST [2]	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.) FC12.5	FC9.5	FC3	SP9.5	S	WC	T1					TOTAL ASPHALT THICKNESS (IN.)	BASE LR	SHEL	ABC-2	SCEM 300	GRAV	STABILIZED SUBGRADE [3]	CRACK DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
44	2.931	SS	L1	N		0.7		4.4								5.1		12.0									F	Deacon Pl. - South Side, L1
45	3.135	SS	RR	N				3.2								3.2					11.5						F	Clark Center Ave. - South Side, RRTL (1st)
46	3.224	ML	R3	Y		1.1		2.4								3.5		12.0					3.5	A	IB	S	P	
47	3.275	TL	RR	Y		1.3		2.4								3.7		11.3					2.0	B	IB	M	F	
48	3.296	SS	LR	N		1.3		3.0								4.3		9.0					2.9	B	IB	M	F	Sawyer Loop Rd. - South Side, LRTL (1st)
49	3.390	ML	R3	Y				2.0	1.9							3.9		11.2									F	Bottom Up Crack
50	3.450	ML	R1	N		1.2		2.7								3.9		12.0					2.5	B	II	M	P	
51	3.470	TL	RL	N	1.6			2.6								4.2		11.8									F	
52	3.552	ML	R3	Y		1.2		2.3								3.5		11.5					3.5	A	IB	S	P	Alligator Cracking
53	3.571	ML	R2	Y	1.5			3.2								4.7		10.3					4.7	B	IB	S	F	
54	3.625	ML	R1	N	1.7			2.5								4.2		11.2					4.2	B	IB	S	F	Transverse Crack
55	3.651	ML	R2	N	1.5			2.4								3.9		11.2					3.9	A	IB	S	P	Alligator Cracking
56	3.832	SS	RR	N		1.0		2.0								3.0				11.0							F	Crushed Concrete, Honore Ave. - South Side, RRTL (1st)
57	3.828	SS	LR	N		1.0		3.2								4.2				10.0							F	Crushed Concrete, Honore Ave. - North Side, LRTL (1st)
58	3.600	ML	L3	Y		1.5		2.8								4.3		11.5					4.3	B	II	S	F	
59	3.503	SS	LR	N			1.6									1.6		7.5									F	Shangri-La Rd. - North Side, LRTL (1st)
60	3.415	ML	L1	Y	1.2			2.5								3.7		11.2					3.7	A	III	S	P	Longitudinal Cracking
61	3.370	ML	L1	Y	1.4			2.0								3.4		11.5					3.4	B	II	S	F	
62	3.310	TL	LL	N	1.5			2.5								4.0		11.0									F	
63	3.296	SS	L1	N			1.4		2.5							3.9		8.0									F	Jason Lee Pl. - North Side, L1
64	3.262	ML	L2	Y	1.5			2.4								3.9		11.2					3.9	A	III	S	P	Alligator Cracking
65	3.210	ML	L1	Y		1.1		2.5								3.6		10.5					3.6	A	III	S	P	Alligator Cracking
66	3.170	TL	LL	N	1.7			2.7								4.4		12.5									F	
67	3.120	ML	L2	Y		1.3			2.2							3.5		10.8					3.5	A	III	S	P	
68	3.034	SS	R1	N			1.2		3.3							4.5							4.5	B	II	S	P	No base, Sarah Ave. - North Side, R1
69	2.965	ML	L1	Y	1.0			2.6								3.6		11.2					3.4	A	IB	S	P	
70	2.777	ML	L3	Y	1.5			3.0								4.5		12.5					4.5	B	IB	S	F	
71	2.757	SS	R1	N			0.7			0.6						1.3		4.0					1.3	A	IB	S	P	Pinkney Ave. - North Side, R1
72	2.650	SS	L1	N		1.0		1.6			0.8					3.4		4.6									F	Derek Ave. - North Side, L1
73	2.550	ML	L2	Y	1.7				2.8							4.5		11.4					4.5	B	IB	S	F	
74	2.500	TL	LL	N		1.0		2.6								3.6		11.0									F	
75	2.482	SS	R1	Y			1.5		3.0							4.5		3.6									F	Lawton Dr. - North Side, R1
76	2.355	TL	LL	Y		1.3		2.3								3.6		12.0					3.6	B	II	S	F	
77	2.317	SS	L1	N		1.0		2.5								3.5			10.5				2.6	C	II	M	F	Sawyer Rd. - North Side, L1
78	2.184	CO	CO	N	1.6			2.0								3.6		10.5					2.7	C	II	M	F	
79	2.154	SS	R1	N	1.5			3.7								5.2		10.5									F	Lambert Pl. - North Side, R1
80	2.050	SS	R1	N		1.0		2.5								3.5		12.5									F	St Louis Ave. - North Side, R1
81	1.940	ML	L3	N	1.6			2.4								4.0		13.0				12.0	3.3	B	II	M	F	
82	1.894	SS	R1	N			1.0		4.0							5.0			5.4								F	Bessie Dr. - North Side, R1
83	1.880	TL	LL	N		1.2		2.0								3.2		13.5					2.8	B	IB	S	F	
84	1.803	SS	L2	N				4.0								4.0		9.5									F	S Beneva Rd. - North Side, L2
85	1.746	SS	R1	N		1.1		3.3								4.4		13.0					1.1	B	II	L	F	Brooklyn Ave. - North Side, R1
86	1.695	SS	R1	N	1.7			2.6								4.3		11.5									F	New York Ave. - North Side, R1

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Intertek- PSI

Coring Completion Date: 5/4/2022

Typical Section:

W.P.I. No.:				Name:	SR 72					Lanes:	6
Fin. Proj. ID:	449122-1			From:	SR 45					Shoulder Type and Condition:	Fair
F.A. Project No.:		Roadway ID:	17070000	To:	Honore Ave.					Inside:	Fair
County:	Sarasota	SR No.:	SR 72	Beg MP:	0.059	End MP:	3.888	Length:	3.829	Outside:	Fair
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved: Y	Lawn:	Other:		Curb & Gutter (Y/N):	Y

All Cores

CORE NO.	MILE POST [2]	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.) FC12.5	FC9.5	FC3	SP9.5	S	WC	T1					TOTAL ASPHALT THICKNESS (IN.)	BASE LR	SHEL	ABC-2	SCEM 300	GRAV	STABILIZED SUBGRADE [3]	CRACK DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
87	1.640	SS	R1	N		1.1		3.4								4.5		11.0									F	Bronx Ave. - North Side, R1
88	1.610	SS	R1	N			1.1		1.3							2.4	8.0						2.4	B	IB	S	P	Sienna Park Condos - North Side, R1
89	1.570	ML	L2	Y	1.5		2.8									4.3		10.7					2.9	B	IB	S	F	
90	1.492	SS	L1	N			1.1		1.5							2.6		9.4					2.6	B	IB	S	P	Westwind Ln. - North Side, L1
91	1.454	SS	R1	N		1.1		2.6								3.7		4.0									F	Blount Ave. - North Side, R1
92	1.388	SS	R1	N			1.1		1.4							2.5			3.6								F	Summerside Ln. - North Side, R1
93	1.358	ML	L1	N		1.1		2.4								3.5		12.0									F	
94	1.330	TL	LL	Y	1.5			3.0								4.5		4.7					2.1	B	IB	M	F	
95	1.290	SS	L1	Y		1.5		2.5								4.0		12.0									F	Lockwood Ridge Rd. - North Side, L1
96	1.248	SS	R1	N		1.2		4.1								5.3		11.6									F	Olive Ave. - North Side, R1
97	1.192	SS	R1	N		1.6		2.5	1.3							5.4		10.8									F	Murdock Ave. - North Side, R1
98	1.133	SS	R1	N		1.5			3.7							5.2			6.3								F	Nutmeg Ave. - North Side, R1
99	0.967	NA	NA																									Coring Not Performed, Brick Pavement, Ashton Lakes
100	1.000	ML	L3	Y	1.6			2.7								4.3		11.7					2.0	B	IB	M	F	
101	0.880	ML	L1	N		1.2		2.7								3.9		11.3									F	
102	0.830	TL	LL	N		1.2		3.8								5.0		12.0									F	
103	0.806	SS	LR	Y		1.1		2.6								3.7		12.0					1.8	B	II	M	F	Swift Rd. - North Side, LRTL (1st)
104	0.607	SS	R1	N	1.5			3.3								4.8		9.5					2.8	B	IB	M	F	Albert Pl. - North Side, R1
105	0.541	SS	R1	N		1.1		4.9								6.0		12.0					3.0	B	IB	M	F	Lords Ave. - North Side, R1
106	0.477	NA	NA																									Coring Not Performed, Brick Pavement, Vaccaro Dr.
107	0.350	ML	L2	N		1.0		1.5	1.5							4.0		12.2									F	
108	0.190	SS	R1	N		1.2		3.2								4.4		11.2					2.4	B	IB	S	F	Couver Dr. - North Side, R1
109	2.890	SS	LR	N		1.2		2.3								3.5			7.1								P	McIntosh Rd. - North Side, LRTL (1st)
AVERAGE					***1.53***	***1.21***	***1.35***	***2.69***	***2.09***	***0.60***	***0.80***					***3.91***	***10.35***	***10.97***	***6.58***	***9.40***	***11.50***	***12.29***	***3.12***					
MAX					***1.90***	***2.60***	***2.80***	***4.90***	***4.00***	***0.60***	***0.80***					***6.00***	***12.70***	***15.00***	***10.50***	***11.00***	***11.50***	***14.00***	***4.70***					
MIN					***1.00***	***0.70***	***0.70***	***1.20***	***1.00***	***0.60***	***0.80***					***1.00***	***8.00***	***3.60***	***3.60***	***7.20***	***11.50***	***12.00***	***1.00***					
LAYER COEF.					***0.25***	***0.25***	***0.17***	***0.25***	***0.25***	***UNKW***	***0.23***						***0.18***	***0.18***	***0.16***	***0.15***	***UNKW***	***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.

Lane Designations - Decreasing MP	Lane Designations - Increasing MP	Lane Type		Crack Type	Crack Rating	Extent	Pavement Condition
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