

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

Cored By: RCS

Date: 1/20/2021

Typical Section: 13130017

W.P.I. No.:	Name: SR 55	Lanes: Single lane each way
Fin. Proj. ID: 445043-1	From: NB Rest Area	Shoulder Type and Condition: No shoulder
F.A. Project No.:	To: Skyway Fishing Pier	Inside: None
County: Manatee	SR No.: 55	Beg MP: 10.58
	End MP: 11.960	Length: 1.380
Overall Pavement Condition (from DMO field review): Poor	Median Curbed (Y/N): N	Paved
	Lawn	Other:
		Curb & Gutter (Y/N): N

All Cores																													
CORE NO.	MILE POST ¹	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ²	CRACK				PAVEMENT CONDITION	COMMENTS			
					FC5	FC9.5	SP1F	S								LR	SHEL	CONC	ABC-2		DEPTH (IN.)	TYPE	CLASS	EXTENT					
1	1.283	ML	R1	N		0.9	2.2								3.1			CONC						3.1	J	3	S	P	017 Frontage Road to Fishing Pier - Bridge Approach
2	1.248	ML	L1	N		0.9	1.1	1.4							3.4		12.0							2.2	C	2	M	F	017 Frontage Road to Fishing Pier -
3	1.185	S	OL	N		0.8	1.0								1.8									-	C	3	M	P	017 Frontage Road to Fishing Pier -
4	1.132	ML	R1	N		0.8	0.6	1.4							2.8		14.0							2.8	C	3	S	F	017 Frontage Road to Fishing Pier -
5	1.074	ML	L1	N		0.5	1.4	0.7							2.6									-	-	-	-	F	017 Frontage Road to Fishing Pier -
6	1.022	S	OR	N		1.4	0.9								2.3									2.3	J	2	S	F	017 Frontage Road to Fishing Pier - Widening Crack
7	0.727	ML	R1	N		1.8									1.8	10.0								-	-	-	-	G	017 Frontage Road to Fishing Pier - Cored on patch
8	0.030	ML	L1	Y		1.5	1.3								2.8				2.1					-	-	-	-	D	017 Frontage Road to Fishing Pier - patch on edge of pavement
9	0.010	ML	R1	Y		1.4	2.3								3.7				2.1					2.5	C	2	M	P	017 Frontage Road to Fishing Pier - raveling
10	0.254	ML	R1	Y		0.3		3.8							4.1				3.1					4.1	C	3	S	P	016 NB Entrance Ramp - raveling
11	0.189	S	OR	N		1.0	2.0								3.0				1.8					2.8	C	2	L	P	016 NB Entrance Ramp - raveling
12	0.172	S	IR	N		0.8	2.6								3.4				1.5					-	-	-	-	P	016 NB Entrance Ramp -
13	0.084	S	OR	N		1.7	1.4								3.1				1.2					-	-	-	-	F	016 NB Entrance Ramp -
14	0.072	ML	R1	Y		0.9	2.6								3.5				2.8	15.0				3.5	C	3	S	P	016 NB Entrance Ramp - Base Crack
15	0.025	S	OL	N		1.0	2.5								3.5				0.8					3.5	C	2	M	P	018 Rest Area Frontage Road -
16	0.060	ML	L1	Y		1.4	1.8								3.2				2.4					3.2	J	3	S	P	018 Rest Area Frontage Road - Base Crack
17	0.086	S	OL	N		1.4	1.8								3.2				1.0					3.2	C	3	M	P	018 Rest Area Frontage Road -
18	0.000	ML	L1	N		1.2	3.0								4.2				1.7					4.2	C	3	S	P	014 SB Entrance Ramp - Base Crack
19	0.173	ML	L1	N		0.4		4.8							5.2				1.9					5.2	C	3	S	P	014 SB Entrance Ramp -
20	0.789	S	OR	N		1.3	2.7								4.0				1.3					-	-	-	-	P	014 SB Entrance Ramp -
21	0.125	ML	L1	Y		0.6		3.2							3.8				3.3					3.8	C	3	S	P	014 SB Entrance Ramp -
22	0.193	S	IL	N		1.1	1.3								2.4				2.5					-	-	-	-	F	014 SB Entrance Ramp -
23	0.242	ML	L1	Y		0.7		2.9							3.6				3.1					3.6	C	3	S	P	014 SB Entrance Ramp -
24	0.016	ML	R1	Y		1.4	1.9								3.3				3.2	17.0				3.3	C	3	S	P	015 NB Exit Ramp - raveling
25	0.086	S	IR	N		0.8	2.7								3.5				1.4					-	-	-	-	P	015 NB Exit Ramp -
26	0.141	ML	R1	Y		0.7		3.6							4.3				4.0					4.3	C	3	S	P	015 NB Exit Ramp - raveling

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County: Manatee	SR No.: 55	Outside: None
Overall Pavement Condition (from DMO field review): Poor	Beg MP: 10.58	End MP: 11.960
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	Median Curbed (Y/N): N	Paved
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					FC5	FC9.5	SP1F	S								LR	SHEL	CONC	ABC-2		DEPTH (IN.)	TYPE	CLASS	EXTENT			
27	0.198	S	OR	N		1.0	1.8								2.8				2.5		2.8	C	2	M		015 NB Exit Ramp -	
28	0.232	ML	R1	N		1.0	3.6								4.6				3.4		2.0	C	3	L	F	015 NB Exit Ramp - slippage crack	
29	0.030	ML	R1	Y	0.7		2.8								3.5				4.0		3.5	C	3	S	P	013 SB Exit Ramp -	
30	0.071	S	IR	N		1.5	2.5								4.0				1.6		4.0	C	3	M	F	013 SB Exit Ramp -	
31	0.135	S	OR	N		1.1	3.1								4.2				1.8		4.2	C	2	M	F	013 SB Exit Ramp -	
32	0.187	ML	R1	Y	0.6		3.5								4.1				3.7		4.1	C	2	M	F	013 SB Exit Ramp -	
33	0.079	ML	R1	N		1.2	3.4								4.6				2.4		-	-	-	-	P	017 Frontage Road to Fishing Pier - Raveling	
34	0.300	ML	R1	N		1.3	2.6								3.9				2.2	16.0	3.9	C	3	S	F	017 Frontage Road to Fishing Pier -	
35	0.542	ML	R1	N		1.1	1.1								2.2			Conc			2.2	C	2	M	F	017 Frontage Road to Fishing Pier - Bridge Approach	
36	0.668	S	OL	N		1.5	4.1								5.6	16.3					-	-	-	-	F	017 Frontage Road to Fishing Pier - Patch	
37	0.602	ML	L1	N		0.5	1.6								2.1			Conc			2.1	C	2	L	P	017 Frontage Road to Fishing Pier - Bridge Approach	
38	0.447	ML	L1	N		1.2	3.1								4.3				2.0		3.3	C	3	S	P	017 Frontage Road to Fishing Pier -	
39	0.132	ML	L1	N		0.8	3.9								4.7				2.7		3.8	C	3	S	P	017 Frontage Road to Fishing Pier -	
40	0.135	S	OL	N		1.3									1.3						-	-	-	-	F	017 Frontage Road to Fishing Pier - Patch	
AVERAGE					0.57	1.14	2.43	1.17							3.44	13.13	13.00		2.33	16.25	3.34						
MAX					0.70	1.80	4.80	1.40							5.60	16.25	14.00		4.00	17.00	5.20						
MIN					0.30	0.50	0.60	0.70							1.30	10.00	12.00		0.80	15.00	2.00						
LAYER COEF.					0.00	0.15	0.15	0.15								0.18	0.18	UNKW	0.12	0.08							

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

Lane Designations		Crack Type	Crack Rating	Extent	Pavement Condition	Lane Type
OL - Outside Left Shoulder	OR - Outside Right Shoulder	A - Alligator	Class IB - Hairline cracks that are ≤ 1/8 inch wide	L - Light	G - Good	S - Shoulder
L1 - 1st Lane Left of Centerline	R1 - 1st Lane Right of Centerline	B - Block	Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	M - Moderate	F - Fair	SS - Side Street
		C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor	