

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

Cored By: RADISE International, L.C.

Coring Completion Date: 12/17/2021

Typical Section: 1

W.P.I. No.:		Name:	SR 64 Pavement Coring				Lanes:	6						
Fin. Proj. ID:	447378-1	From:	17th Street				Shoulder Type and Condition:							
F.A. Project No.:		Roadway ID:	13050000				Inside:	N/A						
County:	Manatee	SR No.:	64		Beg MP:	1.808	End MP:	3.522	Length:	1.714	Outside:	N/A		
Overall Pavement Condition (from DMO field review):			Poor		Median Curbed (Y/N):	Y	Paved		Lawn		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 <sup>3</sup>	CRACK					COMMENTS					
					FC5	FC9.5	FC12.5	SP9.5	SP2F	S						Shell	Concrete	Brick		ABC	LR	DEPTH (IN.)	TYPE	CLASS		EXTENT	CROSS SLOPE (%) <sup>4</sup>			
1	3.400	ML	L2	Y	0.5			2.0		2.7				5.2	11.8									5.2	A	III	S	3.05		
2	3.480	ML	L2	Y	0.6			2.3		3.2				6.1	11.3									6.1	A	III	S	1.75		
3	2.614	ML	L2	Y		1.0		2.5		2.0				5.5	13.8									5.5	A	III	S	2.60		
4	2.100	ML	R2	Y	1.4			1.0		1.4				3.8	14.3									3.0	A	III	S	0.50		
5	3.660	ML	R2	Y	0.8			1.7		3.2				5.7						11.2				5.0	A	III	S	0.65		
6	1.818	ML	R3	Y		0.9		1.1		2.1				4.1	10.8									2.7	A	III	S	3.65		
7	1.840	ML	L1	Y		0.9		1.2		1.1				3.2	12.1													1.45		
8	1.830	ML	L2	Y		1.0		0.9		2.0				3.9	14.5									1.9	A	II	M	3.40		
9	1.820	ML	L3	Y		1.1		1.5		1.3				3.9	12.0									3.9	A	III	S	1.70		
10	1.855	ML	R3	Y		1.0		1.5		1.9				4.4	11.5									3.7	A	III	S	0.15		
11	1.856	ML	R2	Y		1.1		1.6		1.4				4.1	11.8									2.6	A	III	S	4.10		
12	1.857	ML	R1	Y		0.9		1.6		1.5				4.0	13.0									2.8	A	III	S	3.20		
13	2.280	ML	R3	Y		1.0		1.5		1.5				4.0	10.3									4.0	A	III	S	3.10		
14	2.290	ML	R2	Y		0.9		1.4		1.5				3.8	11.2									3.8	A	III	S	3.20		
15	2.324	ML	R1	Y		0.9		1.4		1.3				3.6	11.5									3.1	A	III	S	2.85		
16	2.287	ML	L1	Y		1.2		1.1		2.0				4.3	15.3									2.8	A	III	S	1.30		
17	2.297	ML	L2	Y		1.1		1.4		1.3				3.8	12.3									3.8	A	III	S	1.45		
18	2.302	ML	L3	Y		1.1		1.4		2.0				4.5	13.1									4.5	A	III	S	1.70		
19	2.520	ML	R3	Y		1.0		1.1		1.5				3.6	11.3									2.6	A	III	M	1.20		
20	2.530	ML	R2	Y		1.1		0.8		1.6				3.5	10.5									3.5	A	III	S	2.80		
21	2.580	ML	R1	Y		0.9		1.5		1.4				3.8	11.3									3.0	A	III	S	0.65		
22	2.780	ML	L1	Y		1.4		0.8		2.3				4.5	11.0									3.5	A	III	S	4.95		
23	2.790	ML	L2	Y		0.9		5.1						6.0	12.0									1.9	A	II	S	0.65		
24	2.800	ML	L3	Y		1.1		4.5						5.6	12.6													3.20		
25	3.430	ML	R3	Y	1.0			1.8		2.5				5.3	11.8													3.20		
26	3.410	ML	R2	Y	1.2			1.7		3.1				6.0	11.0													1.30		
27	3.400	ML	R1	Y				2.6		3.2				5.8	11.3													2.95		
28	3.520	ML	L1	Y	1.1			1.7		3.5				6.3	11.8									10.0	6.3	A	II	S	2.75	

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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 <sup>3</sup>	CRACK					COMMENTS				
					FC5	FC9.5	FC12.5	SP9.5	SP2F	S						Shell	Concrete	Brick	ABC	LR		DEPTH (IN.)	TYPE	CLASS	EXTENT	CROSS SLOPE (%) <sup>4</sup>					
29	3.430	ML	L2	Y	0.9			1.6		3.5					6.0	11.0											0.75				
30	3.360	ML	L3	Y	1.0			2.7		1.9					5.6	10.3												0.30			
31	3.500	S	OR	N	1.1	2.2									3.3	11.6												5.75			
32	3.370	S	OL	N		0.9		3.8							4.7	20.0												5.20			
33	1.895	CO	CO	N		1.0		1.8		1.2					4.0	13.0									2.5	A	III	S	1.70		
34	2.116	CO	CO	N		1.4		1.3		1.5					4.2	13.8						16.0							1.00		
35	2.267	CO	CO	N		1.2		1.1		1.4					3.7	11.3									1.2	A	I	L	0.85		
36	2.432	CO	CO	N		1.0		1.7		1.5					4.2	9.0													0.00		
37	2.767	CO	CO	N		1.4		1.0		2.9					5.3	12.3										1.8	A	II	L	1.70	
38	3.710	BR	R3	Y		1.2		0.9							2.1		x									2.1	A	III	S	1.35	Approach Slab, concrete beneath asphalt
39	3.710	BR	L1	Y		1.3		1.0							2.3		x									2.3	A	III	S	2.35	Departure Slab, concrete beneath asphalt
40	3.590	BR	L3	Y	0.6			2.0							2.6		x									2.6	A	III	S	2.50	Approach Slab, concrete beneath asphalt
41	3.590	BR	R3	Y				2.5							2.5		x												2.15	Departure Slab, concrete beneath asphalt	
42	3.480	BR	R1	Y	0.5			2.5							3.0		x									3.0	A	III	S	3.80	Approach Slab, concrete beneath asphalt
43	3.470	BR	L3	Y	1.1			1.9							3.0		x									3.0	A	III	S	3.80	Departure Slab, concrete beneath asphalt
44	1.825	TL	LL	Y		1.2		1.7		2.2					5.1	9.8										3.7	A	III	S	4.45	
45	2.017	TL	LL	Y		1.1		1.3		2.0					4.4	10.1						21.5				2.6	A	III	S	2.85	
46	2.163	TL	RL	N		1.2		1.1		1.3					3.6	13.3										1.9	A	II	S	3.40	
47	2.362	TL	LL	N		1.0		1.7		1.0					3.7	12.5										1.0	A	III	S	2.25	
48	2.530	TL	RL	N		1.5		3.0							4.5														2.15		
49	2.785	TL	LL	N		1.1		1.2		3.5					5.8	12.3										2.2	A	III	S	1.35	
50	1.895	SS	L3	N		1.4		1.6		1.4					4.4	10.3													2.70	SS - 18th Street East	
51	2.007	SS	R3	N		0.8		3.7							4.5	16.2													3.40	SS - 19th Street East	
52	2.116	SS	L3	N		1.1		1.7		1.4					4.2	15.1										2.0	A	III	S	1.65	SS - 20th Street East
53	2.183	SS	R3	N		1.1		1.0		3.1					5.2	8.6													1.80	SS - 21st Street East	
54	2.267	SS	L3	N		1.1		1.3		1.6					4.0	12.5														0.75	SS - 22nd Street East
55	2.354	SS	R3	N		1.0		1.4		1.7					4.1	10.8										3.3	A	III	S	1.50	SS - 23rd Street East
56	2.432	SS	L3	N		1.1		1.8							2.9	14.3														0.25	SS - 24th Street East

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County:	Manatee	SR No.:	64			Outside:	N/A
Overall Pavement Condition (from DMO field review):		Median Curbed (Y/N):	Y	Paved	Lawn	Other:	
						Curo & 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 <sup>3</sup>	CRACK					COMMENTS		
					FC5	FC9.5	FC12.5	SP9.5	SP2F	S						Shell	Concrete	Brick	ABC	LR		DEPTH (IN.)	TYPE	CLASS	EXTENT	CROSS SLOPE (%) <sup>4</sup>			
57	2.604	SS	R3	N		1.0									1.0	12.0							1.0	A	III	S	3.45	SS - 26th Street East	
58	2.683	SS	L3	Y		1.1		4.5							5.6												0.05	SS - 27th Street East	
59	2.767	SS	L3	N		1.1		1.4							2.5								2.5	A	III	S	0.30	SS - 28th Street East, Widening crack	
60	2.850	SS	R3	N		1.2		1.3							2.5	16.0							2.5	A	III	S	1.10	SS - 29th Street East	
61	3.350	SS	R3	N		1.3		3.5							4.8	11.3							10.0	A	II	M	4.35	SS - Walker Island Drive	
94	2.316	S	OL	N				1.7		1.0	1.3				4.0	9.5											1.30	4' SHOULDER	
95	1.928	S	OR	N				2.0		0.8	1.5				4.3	11.0							2.0	C	IB	M	1.70	4' SHOULDER	
102	2.350	ML	R1	Y				1.5		0.8	1.7				4.0	11.0							2.8	C	IB	S	0.90	1 1/4" DEEP DEPRESSION IN R1, R2 AND R3, POSSIBLE CROSS DRAIN	
<b>AVERAGE</b>						<b>0.91</b>	<b>1.12</b>	<b>1.73</b>	<b>1.83</b>	<b>0.87</b>	<b>1.96</b>				<b>4.22</b>	<b>12.09</b>												<b>2.16</b>	
<b>MAX</b>						<b>1.40</b>	<b>2.20</b>	<b>2.00</b>	<b>5.10</b>	<b>1.00</b>	<b>3.50</b>				<b>6.30</b>	<b>20.00</b>												<b>5.75</b>	
<b>MIN</b>						<b>0.50</b>	<b>0.80</b>	<b>1.50</b>	<b>0.80</b>	<b>0.80</b>	<b>1.00</b>				<b>1.00</b>	<b>8.60</b>												<b>0.00</b>	
<b>LAYER COEF.</b>						<b>0.00</b>	<b>0.15</b>	<b>0.15</b>	<b>0.15</b>	<b>0.15</b>	<b>0.15</b>					<b>#N/A</b>	<b>#N/A</b>	<b>#N/A</b>	<b>#N/A</b>	<b>#N/A</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				