

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored by: AREHNA Date: 10/18/18 Page of Typical Section No.: ---

W.P.I. No.:				Name: State Road No. 45 (US 41)				Lanes: 4			
Fin. Proj. ID: 433550-5				From: N. of Caribbean Drive				Shoulder Type and Condition:			
F.A. Proj. No.:				To: S. of Stickney Point Road				Inside: -			
County: Sarasota		SR No.: 45 (US 41)		Beg MP: 11.396		End MP: 12.477		Lgth: 1.081		Outside: Paved	
Median Curbed (Y / N): N Paved Lawn Other:								Curb & Gutter (Y / N): N			

Core No.	Mile Post or Sta. No.	Lane	W P h e a t h	Pavement Layer (in.)						Base		Crack				P C v o m n t d	D R e p t h (in.)	C S R l o o p s e (%)	Comments	
				SP12	S	UNKW	S		BIND	Core Lgth (in.)	Limerock	Crushed Concrete	D e p t h (in.)	T y p e	C l a s s					E x t e n t
56	11.46	OL	-	2.2	-	-	7.8	-	-	10.0	-	-	0.8	-	IB	Light	Good	-	-	Outside Left Shoulder - Hairline Crack Top 0.8"
47	11.68	OL	-	2.3	-	-	8.1	-	-	10.4	2.0	-	1.1	-	IB	Light	Good	-	-	Outside Left Shoulder - 1.1" Hairline Crack
42	11.91	OL	-	1.5	-	-	8.9	-	-	10.4	2.0	-	0.6	-	IB	Light	Good	-	-	Outside Left Shoulder- 0.6" Hairline Crack
33	12.12	OL	-	2.0	-	-	8.0	-	-	10.0	-	-	2.0	-	IB	Light	Good	-	-	Outside Left Shoulder - Hairline Crack at the Top - 2" Bottom Up Crack
58	11.41	LTR	N	1.6	-	-	1.0	-	0.4	3.0	10.0	-	-	-	-	-	Good	-	-	Left Side Right Turn Lane - 0.8" Bottom Up Crack - Binder Wear
52	11.61	LTR	Y	1.9	-	-	9.4	-	-	11.3	-	-	1.5	-	IB	Light	Good	-	-	Left Side Right Turn Lane
49	11.66	LTR	N	2.1	-	-	-	-	0.4	2.5	1.0	-	-	-	-	-	-	-	-	Left Side Right Turn Lane - Bottom Up Crack
45	11.74	LTR	N	1.9	-	-	8.5	-	-	10.4	-	2.0	0.3	-	IB	Light	Good	-	-	Left Side Right Turn Lane - 0.3" Hairline Crack
40	11.98	LTR	Y	11.0	-	-	-	-	-	11.0	-	-	-	-	-	-	Good	-	-	Left Side Right Turn Lane
36	12.07	LTR	N	2.6	-	-	5.4	-	-	8.0	-	-	-	-	-	-	Good	-	-	Left Side Right Turn Lane
32	12.13	LTR	N	1.8	-	-	-	-	1.5	3.3	8.0	-	1.4	-	IB	Light	Good	-	-	Left Side Right Turn Lane - Bottom Up Crack 0.4" - Binder Wear

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Core No.	Mile Post or Sta. No.	Lane	W P h e a t h	Pavement Layer (in.)						Base		Crack				P C o m n d	D R e p t h (in.)	C S R l o o s s e (%)	Comments	
				SP12	S	UNKW	S		BIND	Core Lgth (in.)	Limerock	Crushed Concrete	D e p t h (in.)	T y p e	C l a s s					E x t e n t
31	12.20	LTR	N	1.1	-	-	11.8	-	-	12.9	-	-	7.8	H	III	Severe	Poor	-	-	Severe Horizontal Crack- Bottom Up Crack 1.9". SP Lift Separating at 6.4" - Binder Wear
57	11.42	LTL	Y	3.0	-	-	7.8	-	-	10.8	-	-	-	-	-	-	Good	-	-	Left Side Left Turn Lane
54	11.53	LTL	N	3.1	-	-	-	-	-	3.1	11.9	-	-	-	-	-	Good	-	-	Left Side Left Turn Lane
51	11.61	LTL	Y	3.0	-	-	-	-	1.0	4.0	8.0	-	-	-	-	-	Good	-	-	Left Side Left Turn Lane - Bottom Up Crack 1.3" - Worn Binder
48	11.68	LTL	Y	3.0	-	-	-	-	-	3.0	8.4	-	-	-	-	-	Good	-	-	Left Side Left Turn Lane - Bottom Up 0.8"
44	11.74	LTL	Y	2.6	-	-	8.1	-	-	10.7	-	-	-	-	-	-	Good	-	-	Left Side Left Turn Lane
39	12.00	LTL	N	1.9	-	-	-	-	-	1.9	10.1	-	-	-	-	-	Good	-	-	Left Side Left Turn Lane - 0.3" Hairline Bottom Up
34	12.11	LTL	N	3.0	-	-	-	-	0.5	3.5	9.1	-	0.5	-	IB	Light	Good	-	-	Left Side Left Turn Lane - Hairline Cracks Top Half, Bottom Up 1.3"
27	12.33	LTL	N	0.9	-	-	10.1	-	-	11.0	8.8	-	-	-	-	-	Good	-	-	Left Side Left Turn Lane - 2.5" Bottom UP Hairline Crack
22	12.42	LTL	Y	1.3	5.0	0.5	1.5	-	1.4	9.7	8.0	-	-	-	-	-	Poor	-	-	Left Side Left Turn Lane - SP Separated from Structural Loss of Aggregate at Bottom of SP Layer
59	11.40	CO	-	3.0	-	-	-	-	0.5	3.5	4.0	-	-	-	-	-	Fair	-	-	Crossover - Bottom Up Crack 0.8" - Binder Wear

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Median Curbed (Y / N): N				Paved		Lawn		Other:		Curb & Gutter (Y / N): N	

Core No.	Mile Post or Sta. No.	Lane	W P h e a t h	Pavement Layer (in.)						Base		Crack				P C o m n d	D R e p t h (in.)	C S R l o o p s e (%)	Comments	
				SP12	S	UNKW	S		BIND	Core Lgth (in.)	Limerock	Crushed Concrete	D e p t h (in.)	T y p e	C l a s s					E x t e n t
55	11.49	CO	-	3.0	-	-	-	-	-	3.0	10.4	-	-	-	-	-	Good	-	-	Crossover - Bottom Up Crack 0.8"
53	11.58	CO	-	3.0	-	-	-	-	1.9	4.9	10.0	-	-	-	-	Light	Fair	-	-	Crossover - Bottom Up Crack 1.1" - Base not recorded
50	11.63	CO	-	2.9	-	-	0.4	-	2.0	5.3	8.8	-	-	-	-	-	Fair	-	-	Crossover - Bottom Up Crack 2.1"
46	11.72	CO	-	3.3	-	-	-	-	2.3	5.6	9.0	-	-	-	-	-	Good	-	-	Crossover
43	11.83	CO	-	3.0	-	-	-	-	0.6	3.6	8.0	-	-	-	-	-	Good	-	-	Crossover - Bottom Up Cracks 0.6"
41	11.95	CO	-	2.5	-	-	-	-	-	2.5	9.5	-	2.5	-	IB	Mod	Good	-	-	Crossover - Top-Bottom Hairline
37	12.07	CO	-	2.8	-	-	-	-	0.5	3.3	9.4	-	3.5	-	IB	Light	Good	-	-	Crossover - 0.5" Bottom Up Crack
2	11.54	RTL	N	12.3	-	-	-	-	-	12.3	-	-	-	-	-	-	Good	-	-	Right Side Left Turn
60	11.61	RTL	N	3.1	-	-	-	-	0.5	3.6	10.4	-	-	-	-	-	Good	-	-	Right Side Left Turn - 0.4" Bottom Up Crack
5	11.67	RTL	Y	3.1	-	-	-	-	0.6	3.7	-	-	0.6	-	IB	Light	Fair	-	-	Right Side Left Turn - 1.4" Bottom Up Crack
12	11.90	RTL	N	3.4	-	-	-	-	-	3.4	9.1	-	-	-	-	-	Good	-	-	Right Side Left Turn
16	12.13	RTL	Y	3.5	-	-	10.4	-	-	13.9	-	-	-	-	-	-	Good	-	-	Right Side Left Turn - Hairline Crack Parallel with Horizontal @ 2" from Top

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Core No.	Mile Post or Sta. No.	Lane	W P h e l	Pavement Layer (in.)						Base		Crack				P C o n d	D R e p t h (in.)	C S R l o o s e (%)	Comments	
				SP12	S	UNKW	S		BIND	Core Lgth (in.)	Limerock	Crushed Concrete	D e p t h (in.)	T y p e	C l a s s					E x t e n t
19	12.25	RTL	N	1.0	-	-	11.8	-	-	12.8	-	-	-	-	-	-	Fair	-	-	Right Side Left Turn - S Layer Separated at 7.1" from top of core
3	11.6	RTR	N	1.3	-	-	9.5	-	-	10.8	-	-	-	-	-	-	Good	-	-	Right Side Right Turn
4	11.65	RTR	Y	2.0	-	-	2.0	-	-	4.0	-	-	-	-	-	-	Good	-	-	Right Side Right Turn - 14.5" Stabilized Subgrade
7	11.69	RTR	Y	1.5		0.4	7.9	-	-	9.8	-	-	-	-	-	-	Good	-	-	Right Side Right Turn
8	11.74	RTR	Y	1.9	-	-	0.8	-	-	2.7	-	-	-	-	-	-	Good	-	-	Right Side Right Turn
9	11.82	RTR	Y	2.0	-	-	7.6	-	-	9.6	-	-	-	-	-	-	Good	-	-	Right Side Right Turn - Pitting
11	11.89	RTR	Y	2.0	-	-	7.5	-	-	9.5	-	-	-	-	-	-	Good	-	-	Right Side Right Turn
13	11.92	RTR	Y	1.5	-	0.4	9.9	-	-	11.8	-	-	-	-	-	-	Good	-	-	Right Side Right Turn
14	12.04	RTR	Y	1.9	-	-	7.1	-		9.0	-	-	-	-	-	-	Good	-	-	Right Side Right Turn
18	12.25	RTR	Y	-	-	1.0	10.3	-	-	11.3	-	-	1.0	-	IB	Light	Fair	-	-	Right Side Right Turn - Hairline Crack 1"
21	12.40	RTR	N	1.4	-	-	11.9	-	-	13.3	-	-	1.8	-	IB	Mod	Poor	-	-	Right Side Right Turn
1	11.46	OR	-	1.9	-	1.0	7.6	-	-	10.5	10.5	-	-	-	-	-	Good	-	-	Outside Right Shoulder

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Median Curbed (Y / N): N Paved Lawn Other:								Curb & Gutter (Y / N): N			

Core No.	Mile Post or Sta. No.	Lane	W P h e e l	Pavement Layer (in.)						Base		Crack				P C v o m n t d	D R e p t t h (in.)	C S r l o o s s e	Comments	
				SP12	S	UNKW	S		BIND	Core Lgth (in.)	Limerock	Crushed Concrete	D e p t h (in.)	T y p e	C l a s s					E x t e n t
6	11.69	OR	-	1.8	-	-	4.6	-	-	6.4	-	-	1.5	-	IB	Light	Good	-	-	Outside Right Shoulder - Hairline Crack 1.5"
10	11.86	OR	-	3.0	-	-	9.3	-	-	12.3	-	-	-	-	-	-	Good	-	-	Outside Right Shoulder
15	12.12	OR	-	12.3	-	-	-	-	-	12.3	-	-	-	-	-	-	Good	-	-	Outside Right Shoulder