

State of Florida Department of Transportation
PAVEMENT EVALUATION AND CONDITION DATA SHEET

Project No.: 447082-1					Cored By: Elipsis Engineering and Consulting					Date: January 12 & 14, 2022					Page No.: 1 of 6						
County: Flagler					Highway Sect. No.: 73050					From: Flagler County Line					To: SR 5 (US 1)						
Road No.: SR 11					Begin MP: 0.000					End MP: 15.477					Length: 15.477						
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.	Rut Depth (in)	Cross Slope (%)	Comments	
					FC-12.5	Type SP	Overlaid FC	Type S	Surf. Trtmt.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
1	0.433	9.0	R1	X	1.5	1.7					3.2	LR	-	-	-	-	-	F			
2	0.433	4.0	OR		0.9	1.7					2.6	LR	13.7	-	-	-	-	F			
3	1.341	8.0	R1	X	1.7	1.6		2.1	0.7		6.1	LR	5.9	1.2	SL	I	L	P			Core broke during extraction
4	1.341	2.0	OR		1.7	1.1					2.8	LR	-	B	ST	II	M	P			
5	1.863	3.5	R1	X	1.4	1.2		1.2	0.7		4.5	LR	-	B	SL	I	L	P			Light raveling -- wearing of friction course
6	2.564	2.0	R1	X	1.6	1.1		2.2	0.6		5.5	LR	5.3	B	SL	I	M	P			Light longitudinal cracking
7	2.564	2.5	OR		0.9	0.6					1.5	LR	4.8	-	-	-	-	F			
8	3.133	8.0	R1	X	1.3	1.6		2.7	0.8		6.4	LR	-	2.3	Br	I	M	P			3.0" Crack at bottom of core 0.3" Unknown layer in Type S Layer
9	3.864	3.0	R1	X	1.5	1.6		1.8	0.5		5.4	LR	6.6	1.3	SL	I	M	P			Light raveling -- wearing of friction course 0.1" Unknown layer in Type S Layer
10	3.864	1.5	OR		1.2			1.5			5.5	ABC	2.8	2.3	ST	I	M	P			
11	4.489	8.0	R1	X	1.3	1.4		4.3	0.5		7.5	LR	-	2.0	SL	I	M	P			
12	5.107	4.5	R1		1.6	1.8		1.4	0.6		5.4	LR	6.4	B	SL	II	S	P			Core broke during extraction
13	5.103	2.5	OR		1.4	0.2					1.6	LR	3.7	B	ST	II	S	P			
14	5.890	7.5	R1		1.4	1.1		2.5	0.4		5.4	LR	-	B	Br	II	S	P			
15	5.890	1.0	OR		0.6	1.0					1.6	LR	-	B	Br	II	M	P			
16	6.388	8.0	R1	X	1.3	2.1		1.6	0.6		5.6	LR	5.8	B	SL	II	S	P			Longitudinal cracking -- RWP

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement
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					FC-12.5	Type SP	Overlaid FC	Type S	Surf. Trtmt.		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
17	6.764	2.5	R1	X	1.8	2.1	0.5	1.9	0.8		7.1	LR	-	2.2	SL	II	S	P			3.5" Crack at bottom of core
18	6.764	2.5	OR		2.1	2.6					7.4	ABC	2.7	-	-	-	-	F			
19	7.291	8.5	R1	X	1.4	1.2	1.2	2.1	0.3		6.2	LR	5.2	B	Br	II	M	P			Branch cracking -- RWP Limerock Pumping
20	7.778	7.5	R1		1.7	1.3		1.2	0.8		5.0	LR	-	B	Br	II	M	P			
21	7.778	2.0	OR		1.8						1.8	LR	-	-	-	-	-	F			
22	8.629	8.5	R1	X	1.5	1.5		2.8	1.3		7.1	LR	5.2	B	Br	II	M	P			
23	8.629	1.5	OR		1.1	0.5					1.6	LR	4.3	B	Br	II	M	P			
24	9.839	9.0	R1	X	1.6	2.2	1.8	2.0	1.6		9.2	LR	-	1.7	Br	II	M	P			Just north of the radio/cell tower 5.2" Crack at bottom of core
25	9.839	2.0	OR		1.5	1.3					6.0	ABC	3.2	1.3	ST	II	S	P			
26	10.293	8.5	R1	X	1.7	1.7		2.1	1.1		6.6	LR	-	B	Br	II	S	P			Limerock Pumping
27	11.106	6.0	R1		1.4	1.4		2.6	0.8		6.2	LR	6.6	2.2	Br	III	S	P			Severe branch cracking / Class II longitudinal cracking
28	11.106	2.0	OR		1.6						1.6	LR	4.5	-	-	-	-	P			Cracking due to edge of pavement
29	11.300	8.5	R1	X	1.2	2.7		0.2	1.2		5.3	LR	4.7	1.9	SL	II	S	P			Rutting, longitudinal cracking, wearing of friction course/light raveling
30	11.769	3.0	R1	X	1.2	1.9		2.1	0.5		5.7	LR	6.9	2.0	Br	II	M	P			
31	12.142	8.0	R1	X	1.2	2.2		1.1	0.8		5.3	LR	-	1.3	A	II	M	P			Wearing of Friction Course 2.3" Crack at bottom of core
32	12.142	2.5	OR		1.7						1.7	LR	4.6	-	-	-	-	F			

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Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.	Rut Depth (in)	Cross Slope (%)	Comments	
					FC-12.5	Type SP	Overlaid FC	Type S	Surf. Trtmt.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
33	13.082	2.5	R1	X	1.4	1.3		1.6	0.4		4.7	LR	6.4	2.1	Br	II	S	P			Branch cracking
34	13.082	2.5	OR		1.4	2.9					6.9	ABC	2.6	-	-	-	-	F			
35	13.468	8.0	R1	X	1.6	0.9		2.0	0.7		5.2	LR	-	1.4	Br	II	S	P			Longitudinal / branch cracking -- RWP Appearance of Limerock Pumping
36	13.996	2.5	R1	X	1.5	1.3		1.8	0.5		5.1	LR	-	2.0	SL	II	S	P			Longitudinal cracking -- both wheelpaths
37	13.996	2.0	OR		1.4						1.4	LR	5.1	-	-	-	-	F			
38	14.345	8.5	R1	X	1.5	4.5					6.0	LR	7.8	1.4	SL	II	S	P			Longitudinal cracking -- RWP
39	15.195	3.0	R1	X	1.4	1.3		1.8	0.7		5.2	LR	5.8	2.3	SL	II	S	P			
40	15.195	1.5	OR		1.6	2.3					3.9	LR	6.1	-	-	-	-	F			
41	15.326	8.0	R1	X	0.6	1.1		1.1	0.5		3.3	LR	5.7	B	Br	II	S	P			Branch cracking (north of Forsyth Street)
42	15.296	8.5	L1	X	1.0	1.2		2.5	0.5		5.2	LR	6.8	3.0	SL	II	S	P			Longitudinal cracking -- RWP (near N Forsyth Street) 1.2" Crack at bottom of core
43	15.296	1.5	OL		1.0	2.6					3.6	LR	5.8	-	-	-	-	F			
44	14.504	2.5	L1	X	1.3	2.0		1.3	0.3		4.9	LR	-	B	SL	III	S	P			Longitudinal / branch cracking
45	13.836	8.5	L1	X	1.4	1.0		1.5	0.5		4.4	LR	6.0	B	Br	II	S	P			Branch cracking -- RWP
46	13.836	3.0	OL		1.3	1.2					2.5	LR	-	-	-	-	-	F			
47	13.617	3.0	L1	X	1.2	1.4		1.6	0.4		4.6	LR	6.3	2.1	Br	III	S	P			Severe branch / longitudinal cracking
48	12.943	9.0	L1	X	1.6	1.3		1.2	0.7		4.8	LR	-	B	A	II	M	P			Severe branch / alligator cracking -- RWP Limerock Pumping

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					FC-12.5	Type SP	Overlaid FC	Type S	Surf. Trtmt.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
49	12.943	2.5	OL		2.1						2.1	LR	4.8	-	-	-	-	F			
50	12.039	7.0	L1		1.3	1.1		2.2	0.6		5.2	LR	6.1	2.3	A	II	S	P			Branch cracking -- RWP Appearance of Limerock Pumping
51	11.851	9.0	L1	X	1.5	1.4		1.6	0.7		5.2	LR	-	1.5	Br	II	S	P			Branch cracking -- RWP Appearance of Limerock Pumping
52	11.851	2.5	OL		1.3						1.3	LR	-	-	-	-	-	F			
53	10.258	8.0	L1	X	1.5	2.3		1.8	0.3		5.9	LR	6.3	2.8	Br	II	S	P			Moderate longitudinal cracking -- RWP
54	10.258	2.5	OL		1.4	1.1					6.5	ABC	4.0	-	-	-	-	F			
55	9.617	8.0	L1	X	1.4	1.8		1.9	0.7		5.8	LR	-	B	A	II	S	P			Alligator / branch cracking -- RWP Core length Field Measured, Surface Treatment layer disintegrated
56	9.026	7.5	L1		1.4	1.3		2.1	0.6		5.4	LR	-	2.4	Br	III	S	P			Longitudinal cracking -- RWP
57	9.026	3.0	OL		1.3	0.7					2.0	LR	5.6	-	-	-	-	F			
58	8.531	2.5	L1	X	1.5	1.6		1.5	0.3		4.9	LR	-	1.5	SL	I	L	P			Rutting Core broke during extraction
59	7.248	7.0	L1		1.3	1.5		3.1	0.6		6.5	LR	6.8	2.2	SL	II	S	P			
60	7.248	3.0	OL		1.3	0.7					2.0	LR	4.3	B	SL	II	S	P			
61	6.572	2.5	L1	X	1.2	1.2		1.4	0.6		4.4	LR	5.7	1.2	SL	II	M	P			Light longitudinal cracking -- RWP (just north of CR 140) Appearance of Limerock Pumping, Core broke during extraction
62	6.036	8.0	L1	X	1.1	1.4		1.9	0.5		4.9	LR	-	1.8	Br	II	S	P			Near Cody's Corner entrance/CR 304
63	6.036	2.5	OL		1.2	1.0					2.2	LR	-	-	-	-	-	F			
64	5.589	7.5	L1		1.6	1.6		3.2	1.6		8.0	LR	5.5	2.7	SL	II	S	P			Longitudinal cracking -- RWP Rutting

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					FC-12.5	Type SP	Overlaid FC	Type S	Surf. Trtmt.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent							
65	5.225	8.0	L1	X	1.3	1.7		1.8	0.5		5.3	LR	-	B	Br	III	S	P			Branch/alligator cracking -- RWP		
66	5.225	2.5	OL		0.8	0.8				1.6	LR	5.7	-	-	-	-	-	F					
67	4.213	9.0	L1	X	1.4	3.5		3.0	0.6		8.5	LR	5.6	1.5	SL	II	S	P			Single Longitudinal cracking -- RWP RH Curve		
68	4.213	2.5	OL		1.3	2.5				6.4	ABC	2.6	-	-	-	-	-	F			RH Curve		
69	3.914	8.0	L1	X	1.5	1.4		2.1	0.5		5.5	LR	-	B	Br	II	S	P					
70	2.692	3.0	L1	X	1.4	2.1		0.4	0.6		4.5	LR	5.5	2.0	Br	I	M	P			Near CR 135 South		
71	2.692	2.5	OL		1.7					1.7	LR	4.3	-	-	-	-	-	F					
72	1.968	8.0	L1	X	1.2	1.6		2.2	0.5		5.5	LR	-	B	SL	II	L	P					
73	1.189	8.0	L1	X	1.6	1.7		1.1	0.6		5.0	LR	5.0	B	SL	II	M	P					
74	1.189	2.5	OL		1.8	0.6				2.4	LR	-	-	-	-	-	-	F					
75	0.121	9.0	L1	X	1.6	1.3		2.3	0.9		6.1	LR	-	1.4	SL	I	L	P			Longitudinal cracking 0.9" Crack at bottom of core		
76	0.121	2.5	OL		1.4	0.6				2.0	LR	4.5	-	-	-	-	-	F					

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											Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent	
D-1	0.458	5.5	R1										-	-	-	-	F			Approach Slab - Hand drill approximately 10-ft from bridge deck Asphalt Thickness = 2.1"		
D-2	0.491	5.0	R1										-	-	-	-	F			Leave Slab - Hand drill approximately 10-ft from bridge deck Asphalt Thickness = 2.5"		
D-3	0.491	6.0	L1										-	-	-	-	F			Approach Slab - Hand drill approximately 10-ft from bridge deck Asphalt Thickness = 2.0"		
D-4	0.458	5.5	L1										-	-	-	-	F			Leave Slab - Hand drill approximately 10-ft from bridge deck Asphalt Thickness = 2.3"		

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