

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

Project No.: 442907-1					Cored By: Elipsis Engineering and Consulting					Date: August 4, 2020					Page No.: 1 of 4							
County: Volusia					Highway Sect. No.: 79120					From: North of Acorn Lake Road					To: SR 44							
Road No.: SR 415					Begin MP: 7.444					End MP: 17.568					Length: 10.124							
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)						Base			Crack				Pavt Cond.			Comments	
					FC-6	Type SPS	Type II				Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
1	7.650	9.0	R1	X	1.0	1.5	1.0				3.5	LR	8.0	0.2	SL	I	L	P				
2	7.650	2.0	OR		0.6	1.7					2.3	LR	4.4	B	SL	I	S	P				
3	8.730	8.5	R1	X	1.3	1.8	1.0				4.1	LR	7.3	0.2	SL	I	M	P				
4	8.730	3.0	OR		2.0	1.2					3.2	LR	5.1	—	—	—	—	F				
5	9.796	6.5	R1		1.5	1.1	0.9				3.5	LR	8.5	1.8	ST	II	M	P				Pavement Rippling
6	9.796	2.0	OR		1.2	1.4					2.6	LR	3.8	—	—	—	—	F				
7	10.698	7.0	R1		1.7	1.8	0.9				4.6	LR	6.6	0.2	ST	I	L	P				Pavement Rippling
8	10.698	2.5	OR		2.7						2.7	LR	4.0	1.0	SL	I	L	P				0.8" Crack at the bottom of core
9	11.779	3.0	R1	X	1.7	1.7	1.0				4.4	LR	6.6	1.7	Br	I	S	P				
10	11.779	2.0	OR		1.6	1.8					3.4	LR	4.1	—	—	—	—	F				
11	12.327	5.0	R1		2.0	1.5	0.7				4.2	LR	5.7	—	—	—	—	F				Target on Patching Location
12	12.876	9.0	R1	X	1.8	1.4	0.9				4.1	LR	6.6	B	Br	II	S	P				
13	12.876	2.0	OR		1.7	1.4					3.1	LR	4.6	—	—	—	—	F				
14	13.554	9.0	R1	X	1.6	1.1	1.0				3.7	LR	6.0	0.3	SL	I	M	P				
15	13.554	2.0	OR		0.5	2.0					2.5	LR	4.3	B	SL	I	M	P				
16	14.626	6.0	R1		1.7	1.7	0.3				3.7	LR	8.8	B	SL	II	L	P				

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement
Crack Extent: L= Light; M= Moderate; S= Severe Pavement Condition: G= Good; F= Fair; P= Poor Crack Types: A= Alligator; B1= Block; Br= Branch
 _SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack
Base Types: LR= Limerock; COQ= Coquina; SC= Soil Cement; ABC= Asphalt Base; SAHMS= Sand Asphalt Hot Mix with Shell; NB= No Base; SBRMS = Sand Bituminous Road Mix with Shell; CC= Crushed Concrete

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Project No.: 442907-1	Cored By: Elipsis Engineering and Consulting	Date: August 4, 2020	Page No.: 3 of 4
County: Volusia	Highway Sect. No.: 79120	From: North of Acorn Lake Road	To: SR 44

Road No.: SR 415	Begin MP: 7.444	End MP: 17.568	Length: 10.124
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Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.			Comments		
					FC-6	Type SPS	Type II				Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent	
33	15.048	2.0	OL		1.7						1.7	LR	6.6	B	Br	II	S	P				
34	14.365	8.5	L1	X	1.2	1.9	0.9				4.0	LR	7.7	B	Br	II	S	P				Targeting OWP Severe Cracking
35	14.365	2.0	OL		0.8	1.3					2.1	LR	4.9	B	ST	II	S	P				
36	13.205	8.0	L1	X	1.4	1.7	1.0				4.1	LR	6.9	2.8	SL	III	S	P				
37	13.205	2.5	OL		2.2						2.2	LR	5.8	—	—	—	—	F				
38	12.390	6.0	L1		1.9	1.8					3.7	LR	5.7	—	—	—	—	F				Target on Patching Location
39	12.007	3.0	L1	X	1.3	2.4	0.9				4.6	LR	6.7	0.9	Br	I	S	P				
40	12.007	2.0	OL		1.6	1.2					2.8	LR	4.4	—	—	—	—	F				
41	11.300	9.0	L1	X	1.4	1.7	1.1				4.2	LR	7.3	1.3	SL	I	M	P				
42	11.300	2.0	OL		1.6	0.8					2.4	LR	4.6	0.8	SL	I	M	P				
43	10.196	6.5	L1		1.5	1.3	1.0				3.8	LR	7.4	0.4	SL	I	M	P				
44	10.196	2.0	OL		1.6	1.4					3.0	LR	5.2	—	—	—	—	F				
45	9.149	2.0	L1	X	1.4	1.9	0.7				4.0	LR	7.0	1.8	Br	II	M	P				
46	9.149	2.0	OL		1.6	1.2					2.8	LR	4.7	—	—	—	—	F				
47	8.113	7.5	L1		1.4	1.4	0.9				3.7	LR	8.3	B	Br	III	S	P				
48	8.113	2.0	OL		1.7	1.1					2.8	LR	5.2	—	—	—	—	F				

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement * = Refer to Aerial Coring Plan for a more accurate location
Crack Extent: L= Light; M= Moderate; S= Severe Pavement Condition: G= Good; F= Fair; P= Poor Crack Types: A= Alligator; Bl= Block; Br= Branch
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Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 415

FPN 442907-1

County: Volusia

Core #	GPS Coordinates
1	28.885551 ° -81.144996 °
2	28.885551 ° -81.144996 °
3	28.89862 ° -81.135095 °
4	28.89862 ° -81.135095 °
5	28.911521 ° -81.125271 °
6	28.911518 ° -81.125269 °
7	28.922373 ° -81.116982 °
8	28.922371 ° -81.116982 °
9	28.935737 ° -81.107602 °
10	28.93574 ° -81.107602 °
11	28.942537 ° -81.102886 °
12	28.949359 ° -81.098152 °
13	28.949365 ° -81.098156 °
14	28.957777 ° -81.092326 °
15	28.957776 ° -81.092318 °
16	28.970951 ° -81.082906 °
17	28.970951 ° -81.082906 °
18	28.98322 ° -81.073623 °
19	28.98322 ° -81.073625 °
20	28.988224 ° -81.072467 °

Core #	GPS Coordinates
21	28.999313 ° -81.070729 °
22	28.999317 ° -81.070729 °
23	29.009074 ° -81.069183 °
24	29.009076 ° -81.069179 °
25	29.010431 ° -81.069025 °
26	29.01045 ° -81.069055 °
27	29.01045 ° -81.069081 °
28	29.006216 ° -81.069694 °
29	29.006207 ° -81.06968 °
30	28.990502 ° -81.072148 °
31	28.990502 ° -81.072147 °
32	28.975982 ° -81.0791 °
33	28.975982 ° -81.0791 °
34	28.967735 ° -81.085385 °
35	28.967737 ° -81.085386 °
36	28.953333 ° -81.095393 °
37	28.953332 ° -81.095393 °
38	28.943258 ° -81.102392 °
39	28.93848 ° -81.10572 °
40	28.938473 ° -81.10571 °

