

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

Project No.: 447103-1	Cored By: Jorge. T / Kyle .R	Date: 11/15, 11/16/2021	Page No.: 1 of 4
County: Seminole	Highway Sect. No.: 77030	From: East of CR-15/Upsala Road	To: US 17/92 (French Ave.)
Road No.: SR 46	Begin MP: 6.005	End MP: 8.912	Length: 2.907 miles

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	FC 5	SP	Type S	Type I	Type II	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent					
1	6.082	11.0	R2			0.6	2.6	0.7	2.0	2.4		8.3	LR	4.8	B	Br	III	S	P				
2	6.206	0.5	OR			0.9	2.6					3.5	LR	4.8	--	--	--	--	F				Shoulder Core of EB Right TL
3	6.451	6.5	R2			0.6	2.3	1.9				4.8	LR	9.0	0.6	Br	Ib	M	F				
4	6.451	0.5	OR			0.7	1.7					2.4	LR	5.4	--	--	--	--	F				
5	6.605	1.0	OR			0.6	3.6					4.2	LR	9.8	--	--	--	--	F				Shoulder Core of EB Right TL
6	6.793	9.0	R2	x		0.5	3.2	1.3			0.5	5.5	LR	8.5	B	Br	II	S	P				
7	7.065	1.5	OR			1.0	2.0	1.7				4.7	LR	3.8	--	--	--	--	F				Shoulder Core of EB Right TL
8A	7.395	8.0	RRTL	x	1.8		3.7	3.2				8.7	LR	5.1	--	--	--	--	F				EB Right TL to CR 425 / Airport Blvd. Thicker Side of Core
8B	7.395	8.0	RRTL	x	1.8		3.7	0.8				6.3	LR	7.5	--	--	--	--	F				EB Right TL to CR 425 / Airport Blvd. Thinner Side of Core
9	7.395	1.5	OR			1.1	2.7					3.8	LR	4.4	--	--	--	--	F				Approx. 50' West of Core #9 - OR measured 36" wide; about 3.7" asphalt thickness; +5.2% slope. Significant turf intrusion noted
10	7.465	9.0	R2	x		0.5	2.8					3.3	LR	15.7	--	--	--	--	F				
11	7.465	3.5	OR			0.5	1.7					2.2	LR	7.3	--	--	--	--	F				
12	7.998	4.0	R2		1.5			1.0			1.1	3.6	LR	8.8	B	Br	III	S	P				
13	8.440	10.0	R2	x	1.5			0.5			1.2	3.2	LR	9.0	2.0	Br	II	M	P				
14	8.440	3.5	OR		1.5						1.3	2.8	LR	8.5	--	--	--	--	F				
15	8.894	2.0	RRTL	x	1.9			2.8				4.7	LR	6.5	B	Br	III	M	P				EB Right TL to US 17/92 (South) Core exhibit multiple fractured pieces

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement OWP = Outside Wheel Path ACCEL = On Ramp Acceleration Lane DECEL = Off Ramp Deceleration Lane

Crack Extent: L= Light; M= Moderate; S= Severe **Pavement Condition:** G= Good; F= Fair; P= Poor

Crack Types: A= Alligator; Bl= 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; SAHM= Sand Asphalt Hot Mix; SBRM= Sand Bituminous Road Mix; NB= No Base; RAP= Recycled Asphalt Pavement

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					FC 12.5	FC 5	SP	Type S	Type I	Type II	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent					
16	6.156	2.0	R1	x		0.8	4.2	6.6	2.2			13.8	LR	6.2+	1.3	Br	II	M	F				Unable to drill deeper than 20 inches resulting for limerock thickness to be at least 6.2 inches
17	6.272	6.0	R1			1.0	3.0	6.8	2.5	1.1		14.4+	--	--	1.2	Br	II	M	F				Core broke during extraction, Unable to retrieve rest of the core. 1.2 inches crack from the bottom
18	6.374	6.0	RLTL			1.1	4.0					5.1	LR	8.4	1.0	Br	II	M	F				EB Left TL To White Cedar Road
19	6.564	2.5	R1			0.7	2.5	2.5			0.8	6.5	LR	8.5	B	Br	III	S	P				
20	6.631	6.0	RLTL			1.2		6.4				7.6	LR	6.4+	--	--	--	--	P				EB Left TL to Harvest Time Drive
21	6.788	13.0	MXO			0.9	1.0	3.1				5.0	LR	6.6	--	--	--	--	F				Median Cross-Over
22	6.979	7.5	R1	x		0.5	2.6	2.2			1.0	6.3	LR	7.1	0.4	Br	III	M	F				
23	7.375	4.5	RLTL			1.0	2.7					3.7	LR	16.3+	B	Br	III	S	P				EB Left TL to SunRail Parking Lot. Unable to drill deeper than 20 inches resulting for limerock thickness to be at least 16.3 inches
24	7.514	6.5	R1			0.8	1.2	2.0				4.0	LR	12.6	1.5	Br	II	M	P				
25	7.792	3.5	RLTL	x	0.9			0.7				1.6	LR	18.4+	--	--	--	--	F				EB Left TL to W. 1st Street. Unable to drill deeper than 20 inches resulting for limerock thickness to be at least 18.4 inches
26	7.890	3.5	RLTL	x	1.2			1.0				2.2	LR	12.2	--	--	--	--	F				EB Left TL to Marbella Lane
27	8.003	2.5	R1	x	1.2			1.3			1.2	3.7	LR	8.5	B	Br	III	S	P				
28	8.355	4.0	RLTL /MXO	x	1.1			2.9				4.0	LR	16+	1.3	Br	III	M	F				EB Left TL to Mangoustine Ave. Unable to drill deeper than 20 inches resulting for limerock thickness to be at least 16.0 inches
29	8.497	3.5	R1	x	1.5			1.8				3.3	LR	16.7+	B	Br	III	S	P				Unable to drill deeper than 20 inches resulting for limerock thickness to be at least 16.7 inches
30	8.661	5.0	L2	x	1.9			2.6				4.5	LR	15.5+	2.7	A	II	S	P				Unable to drill deeper than 20 inches resulting for limerock thickness to be at least 15.5 inches
31	8.386	4.5	LRTL		1.8			0.9			0.6	3.3	LR	12.7	--	--	--	--	F				WB Right TL to Mangoustine Avenue

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					FC 12.5	FC 5	SP	Type S	Type I	Type II	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent					
32	8.193	4.0	L2	x	0.7			1.8				1.1	3.6	LR	8.8	B	A	II	S	P	0.1	3.3	
33	8.193	2.0	OL		1.2			0.5				1.6	3.3	LR	10.7	--	--	--	--	F	--	4.8	
34	7.796	5.5	L2		1.3			1.6					2.9	LR	10.6	--	--	--	--	F	0.1	3.6	
35	7.203	8.0	L2			0.6	2.6						5.5	ABC	2.3	--	--	--	--	F	0.3	1.3	
36	7.203	2.0	OL			1.2	7.1						11.5	ABC	3.2	--	--	--	--	F	--	6.2	
37	6.749	6.0	L2			1.1	2.4						5.5	ABC	2.0	--	--	--	--	F	0.2	2.4	
38	6.453	2.5	LRTL	x		1.0	3.4						4.4	LR	10.0	--	--	--	--	F	0.0	-2.1	WB Right TL to White Cedar Rd. / Thornbrooke Subdivision
39	6.297	1.0	OL			0.5	1.6						2.1	LR	4.9	--	--	--	--	F	--	8.1	
40	6.199	9.0	L2	x		0.7	2.8	2.1				0.8	6.4	LR	7.3	--	--	--	--	F	0.2	3.3	
41	6.199	1.5	OL			1.1	1.0	1.8					3.9	LR	5.1	--	--	--	--	F	--	4.9	
42	8.699	1.5	L1	x	1.2			1.4				1.3	3.9	LR	10.1	B	Br	III	S	P	0.0	1.5	
43	8.393	4.0	L1	x	1.2			0.4				1.0	2.6	LR	8.1	B	A	II	S	P	0.1	2.8	
44	8.371	6.5	LLTL	x	1.0			0.9				1.0	2.9	LR	9.4	--	--	--	--	F	0.2	0.6	WB Left TL to Mangoustine Avenue
45	7.991	3.5	LLTL	x	0.9			1.4				2.3	4.6	LR	3.4	--	--	--	--	P	0.1	1.6	WB Left TL to Persimmon Avenue, Core delaminated at 2.5 inches from top
46	7.785	3.0	L1	x	1.2			1.0					2.2	LR	8.8	--	--	--	--	F	0.0	2.7	
47	7.449	3.5	LLTL	x		0.6	2.3						2.9	LR	11.1	--	--	--	--	F	0.2	4.4	WB Left TL to CR 425 / Airport Blvd.

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					FC 12.5	FC 5	SP	Type S	Type I	Type II	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent							
48	7.301	2.0	L1	x		0.6	2.8					3.4	LR	12.6	B	Br	II	M	P	0.2	4.1				
49	7.227	6.0	LLTL									15+	--	--	--	--	--	--	--	0.1	-2.2	WB Left TL to MLK Blvd. Crew was not able to extract the core, estimated length greater than 15 inches - 2 attempts made			
50	6.671	2.0	L1	x		0.5	1.0	3.2				2.3	LR	8.5	B	Br	II	S	P	0.2	-0.3				
51	6.456	3.5	LLTL	x		0.9	0.9	2.7				4.5	LR	9.2	--	--	--	--	F	0.1	-2.2	WB Left TL to White Cedar Rd. / Hatteras Sounds Apts.			

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