

State of Florida Department of Transportation

PAVEMENT EVALUATION AND CONDITION DATA SHEET

Project No.:447086-1

Cored By:Elipsis Engineering and Consulting

Date:July 1, 2024

Page No.:1 of 3

County:Volusia

Highway Sect. No.:79070-002

From:T-Intersection with Canal St

To:SR 44 Mainline- Westbound

Road No.:SR 44 (Connector)

Begin MP:0.000

End MP:0.142

Length:0.142 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	Type SP	Type S	Type I	Surf. Trtmt	Lvl. Crse.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent	
1	0.001	5.5	R2		1.3		1.3				2.6	LR	15.9	-	-	-	-	F			79070-002 WB Right Side Bypass Lane	
2	0.009	3.0	R1	X	1.4		1.6	0.5	0.4		3.9	SAHMS	15.1	B	SL	II	S	P			79070-002 WB Travel Lane	
3	0.050	4.5	R1		1.8		2.4	0.7	0.3		5.2	SAHMS	10.8	B	ST	I	S	P			79070-002 WB Travel Lane	
4	0.103	7.5	R1		1.5		1.5				3.0	LR	11.0	1.6	SL	I	L	P			79070-002 WB Travel Lane	
5	0.132	9.5	R1	X	1.8		1.9				3.7	LR	9.3	1.8	Br	II	S	P			79070-002; WB Travel Lane Cracks Forming Into Alligator Cracks Pattern	
6	0.062	4.5	L1		1.6			2.2	0.3		4.1	SAHMS	11.9	B	Br	II	S	P			79070-002 EB Travel Lane	
7	0.020	5.0	L1		1.4		0.7	2.1	0.3		4.5	SAHMS	10.5	B	ST	II	S	P			79070-002 EB Travel Lane	
8	0.010	6.0	LRTL		1.4		1.3				2.7	LR	12.3	2.0	SL	II	L	P			79070-002; Ramp Radii Return From EB SR 44 Connector to SR 44	
9	-0.005	14.5	RRTL		1.7		0.9				2.6	LR	11.1	B	Br	I	M	P			79070-002; Ramp Radii Return From SR 44 to EB Canal St	
10	-0.007	6.0	L1		1.4		2.3		0.3		4.0	SAHMS	10.0	B	ST	II	S	P			79070-002 EB Travel Lane	

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; Bl= Block; Br= Branch; SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

Base Types: LR= Limerock; AM= Asphalt Millings; SC= Soil Cement; ABC= Asphalt Base; SAHM = Sand Asphalt Hot Mix; SAHMS= Sand Asphalt Hot Mix with Shell; NB= No Base; SBRMS = Sand Bituminous Road Mix with Shell

The SAHM Base Material Often Broke Apart During Core Extraction

Measured in Core Hole for Total SAHM Base Thickness

<div>State of Florida Department of Transportation</div> <div>PAVEMENT EVALUATION AND CONDITION DATA SHEET</div>																						
Project No.: 447086-1					Cored By: Elipsis Engineering and Consulting							Date: July 1, 2024					Page No.: 2 of 3					
County: Volusia					Highway Sect. No: 79170-000 & 79170-100							From: From Berry's Canal Bridge (#790149)					To: West side of Indian River Bridge (#790172) // SR 44 (Lytle Ave)					
Road No.: SR 44 (N. Causeway)					Begin MP: 0.000 // 0.000							End MP: 1.000 // 0.090					Length: 1.090 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	Type SP	Type S	Type I	Surf. Trtmt	Lvt. Crse.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
11	0.077	8.5	R1	X	1.2	1.3	3.2				5.7	LR	12.7	3.1	SL	III	S	P				
12	0.139	1.5	R1		1.8	1.5	1.2	0.9	0.3		5.7	SAHMS	10.2	B	Br	II	S	P			RH Curve	
13	0.139	1.5	OR		1.5		1.5				3.0	LR	3.6	–	–	–	–	F			Excessive Overgrown Turf on Paved Shoulder RH Curve	
14	0.389	5.5	R1		1.7	1.5	0.8	2.5	0.3		6.8	SAHMS	8.2	B	ST	III	S	P				
15	0.547	5.5	RRTL		1.7		2.1		1.1	1.1	6.0	SAHMS	5.5	B	ST	III	S	P			EB Right TL to Boatyard St	
16	0.547	1.5	OR		1.2		3.2		1.0		5.4	LR	5.1	B	ST	III	S	P			Paved Shoulder of EB Right TL Moderate Overgrown Turf on Paved Shoulder	
17	0.716	5.5	R1		1.6	1.6		2.4	0.3		5.9	SAHMS	9.1	B	Br	II	S	P				
18	0.716	1.5	OR		1.0		2.3	2.8	0.4		6.5	SAHMS	8.6	–	–	–	–	F			Excessive Overgrown Turf on Paved Shoulder 2.3" Crack in Type I Layer	
19	0.896	8.5	CTL	X	1.6	2.4	1.9	2.6	0.3		8.8	SAHMS	8.2	B	ST	I	S	P			EB Left TL to East Circle Both cross slope values slope to L1	
20	0.963	9.5	R1	X	1.4	1.7		2.2	0.3		5.6	SAHMS	8.9	B	ST	II	S	P				
21	1.037	5.0	L1		0.9		2.5				3.4	LR	12.1	–	–	–	–	F			Section 79170-100	
22	1.037	4.5	OL		1.2		2.1				3.3	LR	11.7	–	–	–	–	F			Section 79170-100	
23	0.762	2.0	L1	X	1.6		3.3				4.9	LR	10.1	B	SL	I	S	P				
24	0.630	7.0	CTL		1.5		2.8				4.3	LR	8.2	2.4	ST	II	S	P			WB Left TL to Boatyard St Both cross slope values slope to L1	
25	0.342	8.0	L1		1.1		3.1				4.2	LR	9.8	B	SL	II	M	P				
26	0.342	2.0	OL		1.2		2.8				4.0	LR	9.4	1.1	SL	I	L	F				

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	Type S	Type I	Surf. Trtmt	Lvl. Crac.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
27	0.310	2.0	CTL	X	1.4	1.5	2.3	2.3			7.5	SAHMS	7.6	B	ST	II	S	P				
28A	0.180	4.0	L1		1.2		4.3	2.0			7.5	LR	5.0	B	SL	II	S	P			SB Side of Core	
28B	0.180	4.0	L1		1.2		4.3				5.5	LR	7.0	B	SL	II	S	P			NB Side of Core	
29	0.174	6.0	LRTL		1.2		5.7				6.9	LR	10.6	-	-	-	-	F			WB Right TL to Const. Driveway & Riverwalk Dr	
30	0.174	2.5	OL		1.4		2.2				3.6	LR	13.8	B	J	I	S	F			Paved Shoulder of WB Right TL	
31	0.103	10.0	CTL	X	1.1		1.7	1.9	0.3		5.0	LR	9.9	B	J	I	S	F			Crown: Top Value slopes to R1, Bottom Value slopes to L1	
32	0.080	5.0	L1		1.4			2.6	0.2		4.2	SAHMS	6.7	B	Br	III	S	P				
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