

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

Project No.:	450782-1	Cored By:	NV5, Inc.	Date:	9/27/2023	Page No.:	1 of 2
County:	Volusia	Highway Section No:	A) 79010 B) 79030	From:	South of SR 400 (Beville Rd.)	To:	Taylor Ave.
Road No.:	SR 5 (US 1)	Begin MP:	A) 30.564 B) 0.000	End MP:	A) 32.696 B) 0.788	Length:	2.920 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	Binder			Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
1	30.815	9	R2	X	1.2		2.0				3.2	LR	3.5	2.1	A	III	S	P			
2	31.111	5	R2		0.7		1.1	0.9			2.7	LR	7.8	2.3	A	III	S	P			
3	31.709	8	R2		1.7		0.9				2.6	LR	7.6	B	A	II	M	F			
4	32.003	8	R2		1.0		1.7				2.7	LR	7.0	B	A	III	S	P			
5	0.277	12	R2		2.0		3.0				5.0	LR	7.3					P			Pavement Ripples
6	0.610	7	R2		2.0		0.6				2.6	LR	8.4					G			
7	0.462	9	L2	X	1.2			1.5			2.7	LR	8.1	B	SL	Ib	L	F			
8	0.121	8	L2		2.2						2.2	LR	6.8	B	A	III	S	P			
9	32.380	8	L2		1.4		0.9				2.3	LR	5.0	B	A	II	M	P			
10	32.046	9	L2	X	1.2		1.4				2.6	LR	4.2	B	A	II	M	P			
11	31.547	10	L2	X	1.0		2.2				3.2	LR	7.1	2.3	Br	Ib	L	F			
12	30.952	4	L2		1.0		2.3				3.3	LR	8.0	B	A	III	S	P			
13	30.835	10	RLTL	X	0.9	2.0					11.1	B-12.5	8.2					G			NB Left TL to Adeline Street
14	30.910	4	R1		1.9		1.7				3.6	LR	9.9					G			
15	31.350	9	RLTL	X	1.2		1.8	1.1			4.1	LR	3.2					G			NB Left TL to Shady Place
16	31.612	6.0	R1		1.7		1.3				3.0	LR	8.0					G			Slight raveling

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement Note: The crew advanced 15" (length of core barrel) into the pavement and was unable to retrieve a core sample for #19 at this 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; 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

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					FC-12.5	Type SP	Type S	Binder			Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
17	32.302	3	R1	X	1.3		2.3	0.7			4.3	LR	6.5	B	SL	II	L	F			
18	0.175	6	R1		1.6			1.4			3.0	LR	8.5	1.0	Sl	Ib	L	F			
19	0.319	4	RLTL								15.0+	--	--					F			NB Left TL to McLeod Bethune Blvd. See Note in Remark Section Below
20	0.392	3	R1	X	1.6		0.4	1.3			3.3	LR	8.0	2.0	Br	II	M	F			
21	0.577	8	LLTL		1.9		3.1				17.6	ABC	12.6					F			SB Left TL to Mullanly Street Pavement Ripples
22A	0.304	5	L1		2.1			1.9			4.0	LR	9.4	B	SL	II	M	F			Split Core
22B	0.304	5	L1		2.4		1.8				7.2	ABC	3.0								Split Core Thicker Side Faces Inside Towards Median
23A	0.216	3	L1	X	2.0		0.6	1.9			4.5	LR	7.1	B	SL& ST	II	M	P			Split Core, Pavement Ripples
23B	0.216	3	L1		2.0		2.0				12.2	ABC	8.2								Split Core Thicker Side Faces Inside Towards Median
24	32.277	2	L1		1.1		1.0	1.3			3.4	LR	8.9	B	Br	II	M	F			
25	32.007	3	LLTL	X	1.8	1.5					11.3	B-12.5	7.7					G			SB Left TL to Cedar Street
26	31.447	4	L1		1.4		1.5				2.9	LR	9.1	B	Br	II	L	F			
27	31.060	6	LLTL		1.0	2.3					12.0	B-12.5	8.7					G			SB Left TL to Wilder Blvd.
28	30.748	4	L1		1.2		2.2	0.7			4.1	LR	7.7	B	Br	II	M	F			

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