

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

Project No.: 445301-1	Cored By: Elipsis Engineering and Consulting	Date: July 10 & 11, 2022	Page No.: 1 of 3
County: Volusia	Highway Sect. No: 79040	From: Wisconsin Ave	To: North of SR 15A
Road No.: SR 15/600	Begin MP: 8.577	End MP: 11.429	Length: 2.852

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	Type SP	Type S	Binder	SAHM	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
1	11.099	2.0	L2	X	1.1		1.7				2.8	LR	11.7	1.1	A	II	S	P			Limerock pumping (near Burger King entrance/exit) Subgrade & LR Sampling, Core broke during extraction	
2A	10.847	8.0	L2		1.2		1.6				2.8	LR	13.0	B	J	II	S	P			Maintenance patch (near Race Trac) - take core in RWP where limerock is present Subgrade & LR Sampling, Core broke during extraction A = East Side of Core	
2B	10.847	8.0	L2		1.6		1.2				2.8	LR	13.0	B	J	II	S	P			Maintenance patch (near Race Trac) - take core in RWP where limerock is present Subgrade & LR Sampling, Core broke during extraction B = West Side of Core	
3	10.370	3.5	R2	X	1.3		1.5				2.8	LR	11.2	B	Br	II	S	P			Severe Limerock pumping Subgrade & LR Sampling	
4	10.599	9.5	R2	X	1.3		1.9				3.2	LR	11.8	1.3	Br	II	S	P			Severe Limerock pumping Subgrade & LR Sampling, Core broke during extraction	
5A	11.410	2.5	L3	X	0.9		0.3				1.2	LR	8.1	B	Br	II	S	P			Branch cracking - LWP (entrance to Crystal Tractor & Equipment) A = East Side of Core	
5B	11.410	2.5	L3	X	0.9		0.3	3.1	1.4		5.7	LR	5.6	B	Br	II	S	P			Branch cracking - LWP (entrance to Crystal Tractor & Equipment) B = West Side of Core, Type S layer crumbled	
6	10.950	10.0	L3	X	1.3		1.9				3.2	LR	13.8	1.2	Br	II	M	P			Branch cracking with limerock pumping (RC Hill Mitsubishi entrance) Subgrade & LR Sampling, Core broke during extraction	
7	10.950	2.0	OL		1.3		2.0				3.3	LR	13.5	—	—	—	—	F				
8	10.375	6.0	LRTL		0.9		2.4				12.5	ABC	9.2	—	—	—	—	F			Right TL to McGregor Rd.	
9	9.848	8.0	L2				1.0	2.0		1.1		4.1	LR	7.9	B	SL	III	S	P			Severe longitudinal cracking (near Florida Trucks entrance) ~1.1" of Binder crumbled, Core length field measured, Raveling
10	9.537	6.0	LRTL				0.5	3.2				3.7	LR	12.6	—	—	—	—	F			Right TL to Firehouse Rd./ Entrance to Coggin Honda Dealership
11	9.462	4.0	L2				0.8	1.4	1.6			3.8	LR	8.3	B	SL	III	S	P			Severe longitudinal cracking -- LWP
12	9.462	2.5	OL				1.0	2.3				3.3	LR	11.2	—	—	—	—	F			
13	9.308	6.0	LRTL				0.8	2.5				3.3	LR	12.0	—	—	—	—	F			Right TL to W. Minnesota Ave
14	8.603	5.0	LRTL				0.9	1.3	1.7			3.9	LR	10.3	—	—	—	—	F			Right TL to W. Wisconsin Ave

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; SAHMS= Sand Asphalt Hot Mix with Shell; NB= No Base; SBRMS = Sand Bituminous Road Mix with Shell

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					FC-12.5	FC-5	Type SP	Type S	Binder	SAHM	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
15	8.603	3.0	OL			1.2	1.8				3.0	LR	10.3	—	—	—	—	F			
16	8.580	3.0	L2	X		0.6	1.7	1.6	2.2		6.1	LR	10.4	B	ST	II	M	P			Core length field measured, Some Binder layer crumbled
17	8.731	2.0	R2	X		0.7	1.8		0.7		3.2	LR	8.2	B	A	II	S	P			Severe Alligator cracking LWP
18	8.731	3.0	OR			1.0	2.0				3.0	LR	1.1	—	—	—	—	F			
19	8.800	5.5	RRTL			1.4	4.0				5.4	LR	12.6	—	—	—	—	F			Right TL to E. New York Ave
20	9.465	9.0	R2	X		0.7	1.6		0.9		3.2	LR	7.4	B	A	III	S	P			Severe Branch / Alligator cracking
21	9.945	4.0	R3			0.6	1.8				2.4	LR	12.1	B	A	III	S	P			Severe branch / Alligator cracking (near entrance to Extra Space Storage) Subgrade & LR Sampling, Severe Rutting
22	10.143	4.0	R3			0.9	1.7				2.6	LR	10.7	B	A	III	S	P			Severe branch - adjacent to maintenance patch - do not take core on patch
23	10.243	5.0	RRTL		1.8		1.5	1.2			4.5	LR	11.1	—	—	—	—	F			Right TL to Orange Camp Rd.
24	11.114	8.0	R3		2.1			2.4			4.5	LR	11.8	2.1	SL	II	M	P			Small depression with branch cracking -- RWP
25	11.409	4.0	R2		1.0		0.6	2.9	0.5		5.0	LR	8.0	B	Br	I	M	P			
26	11.409	2.5	OR		1.2		0.4				8.0	ABC	6.4	—	—	—	—	F			
27	11.397	4.0	L1		1.2		1.2	1.1	1.8		5.3	LR	8.2	B	ST	I	L	P			Longitudinal Cracking - LWP Core broke during extraction
28	11.357	10.0	LLTL	X	1.2			1.8		1.0	4.0	LR	7.8	B	ST	II	S	P			Left TL to East Taylor Rd.
29	10.868	5.0	L1		1.2		2.1				3.3	LR	12.0	1.7	ST	II	L	P			Light Depression - LWP (just south of Oakland Dr) Core broke during extraction
30	9.950	7.0	L1			0.6		2.9	0.7		4.2	LR	9.3	B	SL	III	S	P			Severe longitudinal cracking - both wheelpaths

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
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					FC-12.5	FC-5	Type SP	Type S	Binder	SAHM	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
31	8.960	8.5	L1	X		0.8	2.3	0.5	0.4		4.0	LR	8.0	—	—	—	—	F			Near St. Lawrence Ave, Rippling	
32	8.955	29.0	MXO				1.2	1.4			2.6	LR	5.7	B	Br	II	M	P			Median Crossover at St. Lawrence Ave Valley: Top Value slopes to L1, Bottom Value slopes to R1	
33	8.881	9.0	LLTL	X		1.6	1.5	1.5			4.6	LR	12.5	—	—	—	—	F			Left turn onto E. New York Ave, Rutting Crown: Top Value slopes to Median, Bottom value slopes to L1	
34	8.627	2.0	R1	X		0.6	2.8	1.6	1.6		6.6	LR	7.4	—	—	—	—	F				
35	8.931	2.5	R1	X		0.9	1.9				2.8	LR	7.3	B	Br	I	S	P				
36	9.833	6.5	R1			0.6	1.9		0.5		3.0	LR	8.2	B	ST	II	S	P			Raveling	
37	10.107	4.0	R1			0.7	2.4		1.0		4.1	LR	7.9	B	ST	I	L	P			Wearing of Friction course Severe Rutting	
38	10.473	2.5	R1	X	1.2		1.9				3.1	LR	12.3	1.2	A	I	S	P			Severe Limerock pumping, Subgrade & LR Sampling Severe Rutting	
39	10.776	5.0	RLTL		1.6		1.9				3.5	LR	11.0	—	—	—	—	F			Left turn onto Deerfoot Road (near RaceTrac Station)	
40	10.843	9.0	R1	X	1.4		2.2				3.6	LR	6.5	B	A	I	S	P			Severe Limerock pumping, Subgrade & LR Sampling Severe Rutting	
41	11.275	3.0	RLTL-2	X	0.8		6.0	4.1	1.3		12.2	LR	9.2	0.9	SL	I	L	P			Outside left TL to SR 15A, Severe Rutting	

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