

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

Project No.: 438038-1		Cored By: Ardaman					Date: 7/19/2016					Page No.: 1 of 6										
County: Volusia		Highway Sect. No.: 79110					From: West of Saxon Blvd					To: East of SR 472 Interchange										
Road No.: SR 400 (I-4)		Begin MP: 5.755					End MP: 10.202					Length: 4.447										
Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)							Base		Crack				Pavt Cond.	Rut Depth (in)	Cross Slope (%)	Comments	
					FC-5	Type SP	Type S	Type I	Binder	Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent						
1	9.780	5.0	OL	---		1.7					1.7	LR	5.7					F				
2	9.626	6.5	OL	---	0.9	1.1					7.0	ABC	5.0					F				Within ramp gore area - 27.1 inches of stabilized subgrade noted below asphalt
3	9.439	4.5	OL	---		1.9					1.9	LR	13.5					F				
4	9.188	6.0	OL	---		1.5					1.5	LR	7.8					F				
5	8.423	7.0	OL	---		1.2					5.1	ABC	3.9					F				22.9 inches of stabilized subgrade noted below asphalt
6	7.419	6.0	OL	---		1.6	2.0				3.6	LR	7.3					F				
7	6.422	6.5	OL	---		2.7					2.7	LR	6.9					F				
8	6.287	4.0	OL	---		1.3					1.3	LR	5.3					F				
9	5.980	5.5	OL	---		2.1					2.1	NB	---					F				Old strip of FC on L3 right side. 15.9 inches of stabilized subgrade noted
10	5.960	6.0	OR	---		2.0					2.0	LR	6.7					F				
11	6.275	6.5	OR	---		1.1	1.3				2.4	LR	7.4					F				
12	6.862	5.5	OR	---		1.7					1.7	LR	7.0					F				R3 raveling
13	7.200	5.5	OR	---		1.7	1.5				3.2	NB	---					F				9.8 inches of stabilized subgrade noted below asphalt
14	8.199	6.5	OR	---		1.4	2.8				4.2	NB	---					F				12.8 inches of stabilized subgrade noted below asphalt
15	9.200	6.0	OR	---		1.5	1.7				3.2	NB	---					F				14.5 inches of stabilized subgrade noted below asphalt
16	9.532	8.5	OR	---		1.4					1.4	LR	11.2					F				

Remarks: Ramp Cores Measured from Point of Ramp Gore with I-4 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
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					FC-5	Type SP	Type S	Type I	Binder		Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent					
17	9.749	3.5	OR	---		1.7					1.7	LR	7.1					F				
18	10.120	5.0	OR	---			2.4				2.4	LR	7.5					F				
19	9.535	6.0	IL	---		1.8					1.8	LR	8.4					F				Lots of debris on the shoulder
20	8.542	6.5	IL	---		2.0					2.0	LR	6.6					F				
21	7.539	5.0	IL	---		1.7					1.7	LR	6.7					F				
22	6.536	5.0	IL	---		1.6					1.6	LR	8.7					F				
23	6.063	5.5	IL	---		1.6					1.6	LR	4.4					F				
24	5.831	6.0	IL	---		1.3					1.3	LR	8.4					F				
25	6.090	5.0	IR	---		1.7					1.7	LR	7.4					F				
26	7.111	6.0	IR	---		1.8					1.8	LR	6.8					F				
27	8.109	5.5	IR	---		1.3					1.3	LR	7.6					F				
28	9.139	5.0	IR	---		1.7					1.7	LR	7.4					F				
29	9.474	6.0	IR	---		1.6					1.6	LR	8.3					F				
30	10.080	5.5	IR	---		1.0					1.0	LR	9.4					F				
31	9.780	2.5	L4	X	1.1	5.6					6.7	LR	4.1					F				Medium Raveling Decel Lane to SR 472
32A	9.626	11.0	L3	X	1.1	6.4					7.5	LR	10.2	B	SL	II	M	P				Several drag marks on FC. Medium Raveling. Inside of Lane

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County:		Volusia		Highway Sect. No.:		79110		From:		West of Saxon Blvd		To:		East of SR 472 Interchange							
Road No.:		SR 400 (I-4)		Begin MP:		5.755		End MP:		10.202		Length:		4.447							
Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)							Base		Crack				Pavt Cond.	Rut Depth (in)	Cross Slope (%)	Comments
					FC-5	Type SP	Type S	Type I	Binder		Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent				
32B	9.626	11.0	L3	X	1.1	1.5	3.6		0.9		7.1	LR	10.6	B	SL	II	M	p			Several drag marks on FC. Medium Raveling. Outside of Lane
33	9.439	6.0	L3	---	0.9	6.9					7.8	LR	14.7					F			Medium Raveling Reconstructed Pavement
34	9.188	6.0	L4	---	0.9	5.8					6.7	LR	16.4					F			Light Raveling Accel Lane from SR 472
35	8.423	8.0	L3	---	0.9	1.4	3.9		1.2		7.4	LR	12.4					P			Severe to Medium Raveling
36	7.419	8.5	L3	X	0.6	1.5	4.3		0.9		7.3	LR	10.1					P			Severe Raveling (Bald Spot)
37	6.422	7.5	L3	---	0.8	1.7	4.5		0.8		7.8	LR	12.8					P			Severe to Medium Raveling
38	6.287	8.5	L3	X	0.8	6.7					7.5	LR	14.9					P			Medium Raveling Reconstructed Pavement
39	5.980	7.5	L3	---		1.8	0.4	1.7	2.3		6.2	LR	11.7					G			New Paved Area - No FC
40	5.960	6.5	R4	---	0.6	2.6	2.1				5.3	LR	16.0					P			Lane Joint Visible - Severe Raveling Decel Lane to Saxon Blvd.
41	6.275	8.0	R4	---	1.0	5.2					6.2	LR	13.2					F			Medium Raveling Decel Lane from Saxon Blvd.
42	6.862	9.0	R4	X	0.5	6.6					7.1	LR	11.3					P			Severe Raveling (Bald Spot) Accel Lane from Saxon Blvd.
43	7.200	7.0	R3	---	0.6	1.5	4.4		0.6		7.1	LR	12.3					F			Medium Raveling
44	8.199	8.0	R3	---	1.0	1.5	5.3		1.3		9.1	LR	8.4					F			Medium Raveling
45	9.200	9.0	R3	X	0.9	1.1	5.0		0.8		7.8	LR	14.3					F			
46	9.532	7.0	R3	---	1.0	5.7					6.7	LR	16.6					F			Light Raveling- Reconstructed Pavement
47	9.749	6.0	R4	---	1.0	5.3					6.3	LR	19.3					F			Lane Joint Visible - Severe Raveling Accel Lane From SR 472 (Ramp -018)

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County: Volusia		Highway Sect. No.: 79110					From: West of Saxon Blvd					To: East of SR 472 Interchange										
Road No.: SR 400 (I-4)		Begin MP: 5.755					End MP: 10.202					Length: 4.447										
Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)							Base		Crack				Pavt Cond.	Rut Depth (in)	Cross Slope (%)	Comments	
					FC-5	Type SP	Type S	Type I	Binder		Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent					
48A	10.120	3.0	R3	X	1.0	1.9	4.1		0.8		7.8	LR	12.4	B	SL	II	M	F				Cored on Widening Construction Joint. Original Pavement.
48B	10.120	3.0	R3	X	1.0	7.0					8.0	LR	12.2	B	SL	II	M	F				Cored on Widening Construction Joint. Widened Pavement.
49	9.535	5.0	L1	---	0.8	6.7					7.5	LR	14.6					F				
50	8.542	4.0	L1	---	0.9	6.9					7.8	LR	14.8					F				
51	7.539	5.0	L1	---	0.9	6.2					7.1	LR	13.6					F				Light Raveling
52	6.536	4.0	L1	---	0.8	6.4					7.2	LR	11.2					F				Light Raveling
53	6.063	5.0	L1	---	1.0	6.4					7.4	LR	11.2					F				Light Raveling
54	5.831	5.0	L1	---	0.8	6.0					6.8	LR	13.9					F				
55	6.090	4.0	R1	---	0.7	6.8					7.5	LR	11.6					F				Light Raveling
56	7.111	6.0	R1	---	0.9	6.2					7.1	LR	12.2					F				
57	8.109	4.0	R1	---	0.9	6.3					7.2	LR	11.2					F				Light Raveling
58	9.139	5.0	R1	---	0.9	7.1					8.0	LR	12.1					P				Severe Raveling (Bald Spot)
59	9.474	3.5	R1	X	0.6	6.6					7.2	LR	13.3					F				Light Raveling
60A	10.080	7.0	R1	---	0.7	6.6					7.3	LR	13.2	B	SL	II	M	P				Cored on Widening Construction Joint. Widened Pavement.
60B	10.080	7.0	R1	---	0.7	2.0	3.5				6.2	LR	14.3	B	SL	II	M	P				Cored on Widening Construction Joint. Original Pavement.
61	10.170	7.0	R1	---	0.8	1.5	2.4	1.6	2.0		8.3	LR	13.2					F				Right of Construction Joint Original Pavement

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					FC-5	Type SP	Type S	Type I	Binder	Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent					
62	385 ft	8.0	Ramp 011	---			4.4				4.4	LR	14.5					G			I-4 WB Off-Ramp to SR 472 WB. New Paved Area - No FC
63	433 ft	2.5	Ramp 009	X	0.8		3.4		2.0		6.2	LR	12.6					G			EB SR 472 On-Ramp to I-4 EB
64	10.170	1.0	R1	---	0.5	6.5					7.0	LR	16.2					F			Left of Construction Joint Widened Pavement
65	303 ft	6.0	Ramp 011	---			4.5				4.5	LR	21.2					G			I-4 WB Off-Ramp to SR 472 EB. New Paved Area - No FC
66	392 ft	2.0	Ramp 008	X			4.3				4.3	LR	15.5					G			EB/WB SR 472 On-Ramp to I-4 WB. New Paved Area - No FC.
67	485 ft	13.0	Ramp 032	---	0.9	1.1	2.9				4.9	LR	12.9					F			I-4 WB Off-Ramp via CD Ramp to Saxon Blvd - WB. Light ripples.
68	590 ft	13.5	Ramp 030	---	0.9	1.3	2.3				22.5	ABC	18.0					F			EB Saxon Blvd. On-Ramp to I-4 WB via CD Ramp - 045. Light Raveling. Core broke at 2 inches.
69	3,656 ft	4.5	CD Ramp 045	---	0.9	1.4	2.0				18.3	ABC	14.0					F			Collector-Distributor Ramp for WB Off/On Connection. Light Raveling
70	4,141 ft	7.0	CD Ramp 045	---	0.7	1.6	2.5				4.8	LR	13.2					F			Collector-Distributor Ramp for WB Off/On Connection. Medium Raveling
71	341 ft	13.5	Ramp 031	---	1.0	2.0	2.8				5.8	LR	12.1					F			I-4 EB Off-Ramp to Saxon Blvd - EB. Light Raveling.
72	714 ft	12.5	Ramp 033	X	1.1	1.6	3.0				5.7	LR	11.7					P			EB/WB Saxon Blvd. On-Ramp to I-4 EB. Medium Raveling.
73	556 ft	7.5	Ramp 010	---			3.8				3.8	LR	11.3					G			I-4 EB Off-Ramp to SR 472 EB/WB
74	369 ft	12.5	Ramp 018	X	1.2	4.8					6.0	LR	13.5					G			WB SR 472 On-Ramp to I-4 EB
75	1,380 ft	10.5	CD Ramp 045	---	0.8	1.4	2.8				5.0	LR	13.7					F			Collector-Distributor Ramp for WB Off/On Connection
76	2,547 ft	9.5	CD Ramp 045	X	0.3	5.7	1.7				7.7	LR	13.0					P			Collector-Distributor Ramp for WB Off/On Connection. Severe Raveling. Top 1 inch broke during extraction.
77	159 ft	13.0	Ramp 034	---							27+	ABC	---					F			I-4 WB Off-Ramp to Saxon Blvd. EB. The entire core was not extracted as it exceeded 27" barrel.

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78	645 ft	13.0	Ramp 036	---	0.6	1.0	3.7				5.3	LR	13.5					F			WB Saxon Blvd. On-Ramp to I-4 WB via CD Ramp - 045. Medium Raveling.	
79	300 ft	13.5	Ramp 035	---	0.7	1.1	3.0				4.8	LR	11.8	B	ST	III	S	P			I-4 EB Off-Ramp to Saxon Blvd - WB. Medium Raveling.	

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