

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

<b>Project No.:</b> 439121-1	<b>Cored By:</b> Elipsis Engineering and Consulting	<b>Date:</b> August 16, 2017	<b>Page No.:</b> 1 of 3
<b>County:</b> Volusia	<b>Highway Sect. No:</b> 79181	<b>From:</b> SR 15/600 (US 17/92)	<b>To:</b> West of SR 400 (I-4)
<b>Road No.:</b> SR 472	<b>Begin MP:</b> 0.376	<b>End MP:</b> 2.931	<b>Length:</b> 2.555

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-5	FC-12.5	Type SP	Type S	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	695' from Gore	14.0	RAMP		0.7		2.4				3.1	LR	11.3	—	—	—	—	F			Ramp 79040-002, NB On-Ramp from SR 600/15 to EB SR 472
2	695' from Gore	2.0	SHLDR	X	1.0			1.9			8.8	ABC	5.9	—	—	—	—	F			Ramp 79040-002, NB On-Ramp from SR 600/15 to EB SR 472, 2" of LR under ABC
3	1.113	6.0	R2		0.9		2.7				3.6	LR	10.4	B	ST	III	S	P			Base & Subgrade Sample Taken
4	1.113	2.0	OR		0.8			1.4			7.3	ABC	5.1	B	ST	III	S	P			Core crumbled in field, Core Length field measured
5	1.561	9.0	R2	X	0.8		1.7				2.5	LR	11.3	—	—	—	—	P			Pavement Raveling
6	2.198	2.5	R2	X	1.1		2.9				4.0	LR	9.1	—	—	—	—	P			Pavement Raveling
7	2.198	1.5	OR		0.6			2.0			6.8	ABC	4.2	—	—	—	—	P			Pavement Raveling
8	2.465	9.0	RRTL	X	0.7		3.2				3.9	LR	10.1	—	—	—	—	P			To Cemex, Pavement Rippling
9	2.645	7.5	RRTL		0.5		3.5				12.5	ABC	8.5	1.5	SL	III	L	P			To SB Kentucky Ave (CR 4101), Severe Rutting & Raveling, Core broke during extraction, Core crumbled in field, Core Length field measured
10	2.645	1.0	OR		0.9			1.9			9.5	ABC	6.7	—	—	—	—	P			Core crumbled in field, Core Length field measured
11	2.829	2.5	R2	X	0.9		1.9		1.0		3.8	LR	10.5	—	—	—	—	F			
12	2.887	9.5	L2		0.6		2.5		0.7		3.8	LR	11.0	B	SL	II	S	F			Base & Subgrade Sample Taken
13	2.733	2.5	LRTL		0.8		1.0	0.9			2.7	LR	10.5	—	—	—	—	F			To NB MLK Beltway (CR 4101)
14	2.733	2.0	OL		0.7			2.1			2.8	LR	10.2	—	—	—	—	P			
15	2.489	8.5	L2		0.8		2.9				3.7	LR	9.3	—	—	—	—	P			West of Patched Area
16	2.489	2.0	OL		0.8			1.3			6.6	ABC	4.5	—	—	—	—	P			

**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; COQ= Coquina; SC= Soil Cement; ABC= Asphalt Base; SAHM= Sand Asphalt Hot Mix; NB= No Base

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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-5	FC-12.5	Type SP	Type S	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
17	2.081	2.5	L2	X	0.8		2.4				3.2	LR	11.1	-	-	-	-	F			
18	1.354	2.0	L2	X	0.7		3.0				3.7	LR	9.9	B	ST	III	S	P			
19	0.974	2.5	L2	X	0.6		2.4				3.0	LR	12.0	B	SL	I	S	P			
20	0.974	2.0	OL		0.8		2.0				6.7	ABC	3.9	-	-	-	-	F			Core crumbled in field, Core Length field measured
21	700' from Gore	14.0	RAMP		0.6		2.8		0.6		4.0	LR	11.0	-	-	-	-	F			Ramp 79040-060, WB Off-Ramp from SR 472 to NB SR 600/15
22	700' from Gore	2.0	SHLDR	X	1.0		1.0				6.0	ABC	4.0	-	-	-	-	F			Ramp 79040-060, WB Off-Ramp from SR 472 to NB SR 600/15, Core crumbled in field, Core Length field measured
23	500' from Gore	13.5	RAMP		0.4		1.9				2.3	LR	10.7	-	-	-	-	F			Ramp 79040-005, SB On-Ramp from SR 600/15 to EB SR 472, Before or After Patch, 0.4" Crack at the bottom of core
24	500' from Gore	2.0	SHLDR	X	1.0		1.4				8.2	ABC	5.8	-	-	-	-	F			Ramp 79040-005, SB On-Ramp from SR 600/15 to EB SR 472, Before or After Patch
25	0.790	25.0	MXO			1.0	2.6				3.6	LR	9.4	-	-	-	-	P			At Grayson St. (Left Side), Valley ; + = Slopes to R1, - = Slopes to L1, Pavement Raveling
26	0.927	2.0	R1	X	0.9		2.6		1.3		4.8	LR	9.0	-	-	-	-	F			
27	1.482	9.0	R1	X	0.8		2.5				3.3	LR	12.2	2.3	Br	II	M	P			
28	1.545	19.0	MXO				2.1				2.1	LR	12.9	-	-	-	-	F			At Minnesota Ave (Right Side), Crown: - = Slopes to L1, + = Slopes to R1
29	1.779	10.0	R1	X	0.6		2.6		0.6		3.8	LR	10.5	B	ST	II	M	P			
30	2.079	2.0	RLTL	X	0.8		3.2				12.7	ABC	8.7	-	-	-	-	F			No Side Street
31	2.119	21.0	MXO		0.6		2.1		1.2		3.9	LR	10.1	-	-	-	-	P			At No Side Street (Left Side), Crown; - = Slopes to L1, + = Slopes to R1, Pavement Raveling
32	2.494	20.0	MXO		0.4		3.1				3.5	LR	9.8	B	SL	I	S	P			At Cemex MXO (Right Side), Slopes to R1, Pavement Raveling

**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  
Crack Extent: L= Light; M= Moderate; S= Severe    Pavement Condition: G= Good; F= Fair; P= Poor    Crack Types: A= Alligator; BI= Block; Br= Branch  
SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack  
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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-5	FC-12.5	Type SP	Type S	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
33	2.491	2.5	R1	X	0.8		2.5		0.9		4.2	LR	10.0	—	—	—	—	P			Severe Pavement Raveling, 0.6" Crack at the bottom of core
34	2.647	9.0	RLTL	X	0.8		1.8		0.9		3.5	LR	11.0	—	—	—	—	F			To NB MLK Beltway (CR 4101), Pavement Raveling
35	2.733	2.0	LLTL	X	0.8		1.0	1.4	1.0		4.2	LR	11.3	—	—	—	—	F			To SB Kentucky Ave (CR 4101)
36	2.526	10.0	LLTL	X	0.6		3.6				4.2	LR	10.1	—	—	—	—	F			To Cemex
37	2.452	9.0	L1	X	0.6		2.5		0.7		3.8	LR	11.2	B	SL	II	S	P			
38	1.974	2.0	L1	X	0.9		2.9				3.8	LR	12.2	—	—	—	—	F			
39	1.613	9.0	LLTL	X	0.6		3.9				14.0	ABC	9.5	—	—	—	—	P			To W. Minnesota Ave, Severe Pavement Rutting
40	1.426	9.0	L1	X	0.5		2.5				3.0	LR	10.1	B	ST	II	L	F			
41	0.719	2.5	L1	X	0.9		2.8				3.7	LR	13.2	—	—	—	—	F			
42	300' from Gore	13.0	RAMP		0.7		2.6				3.3	LR	13.2	—	—	—	—	F			Ramp 79040-003, WB Off-Ramp from SR 472 to SB SR 600/15
43	300' from Gore	2.0	SHLDR	X	0.9			2.0			7.1	ABC	4.2	—	—	—	—	F			Ramp 79040-003, WB Off-Ramp from SR 472 to SB SR 600/15
D-1	0.376	5.5	R1									PCC	N/A	—	—	—	—	P			Approach Slab, Bridge 790055 Eastbound, Asphalt Thickness = 3.8"
D-2	0.422	5.0	R1									PCC	N/A	—	—	—	—	P			Leave Slab, Bridge 790055 Eastbound, Asphalt Thickness = 4.3"
D-3	0.423	5.5	L1									PCC	N/A	—	—	—	—	F			Approach Slab, Bridge 790055 Westbound, Asphalt Thickness = 4.4"
D-4	0.378	5.5	L1									PCC	N/A	—	—	—	—	F			Leave Slab, Bridge 790055 Westbound, Asphalt Thickness = 4.1"

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