

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

<b>Project No.:</b> 439136-1		<b>Cored By:</b> Ardaman										<b>Date:</b> 1/15/2018				<b>Page No.:</b> 1 of 6							
<b>County:</b> Volusia		<b>Highway Sect. No.:</b> 79030										<b>From:</b> Woodland Avenue				<b>To:</b> Flagler County Line							
<b>Road No.:</b> SR 5 (US 1)		<b>Begin MP:</b> 5.868										<b>End MP:</b> 12.803				<b>Length:</b> 6.935							
Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)							Base		Crack				Pavt Cond.			Comments		
					FC-5	FC-12.5	Type SP	Armi	Type S	Binder	Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent						
1	6.300	5.5	RRTL	---	1.1		1.8					2.9	LR	10.1	---	---	---	---	G				NB Right Turn Lane to Melrose Avenue
2	8.285	6.5	RRTL	---	1.0		1.3		2.0			4.3	LR	12.1	---	---	---	---	F				NB Right Turn Lane to Coquina Avenue. Light raveling.
3	8.285	1.5	OR	---	0.7		2.3		0.7			3.7	LR	11.4	---	---	---	---	F				Light raveling.
4	9.400	6.5	RRTL	---	1.4		1.3		0.9			3.6	LR	12.8	---	---	---	---	F				NB Right Turn Lane to W.W. Truss Co.,Inc. LR contained shells and crumbles easily
5	9.400	2.0	OR	---	2.1		2.2					4.3	LR	12.2	---	---	---	---	F				LR contained shells and crumbles easily
6	9.540	8.5	RRTL	X	1.2		1.7		2.6			5.5	LR	13.8	---	---	---	---	F				NB Right Turn Lane to Ormond Lakes Blvd.
7	9.540	1.5	OR	---	0.8		1.5		2.6			4.9	LR	14.1	---	---	---	---	F				
8	9.665	5.0	RRTL	---		1.3	3.6					4.9	LR	6.4	---	---	---	---	G				Friction (FC-12.5) contains air voids. NB Right Turn Lane to Ormond Commerce Park
9	9.665	1.5	OR	---		1.4	2.7					4.1	LR	10.4	---	---	---	---	G				
10	10.110	7.0	RRTL	---	1.1		2.3					3.4	LR	16.9	---	---	---	---	F				NB Right Turn Lane to RV dealership. Light raveling.
11	10.110	1.0	OR	---	1.0		2.4					3.4	LR	16.2	---	---	---	---	F				Light raveling.
12	10.270	7.5	RRTL	---	1.0		1.8					2.8	LR	9.5	---	---	---	---	F				NB Right Turn Lane to Pine Tree Drive. Light raveling.
13	10.270	1.0	OR	---	0.6		1.8					2.4	LR	9.9	---	---	---	---	F				Light raveling.
14	10.380	8.5	RRTL	X	1.5		2.5					14.3	ABC	10.3	2.4	J	I	M	F				Cored on joint. North side of joint. NB Right Turn Lane to Corbin / Strip Mall.
14A	10.380	8.5	RRTL	X		1.4	2.6					14.3	ABC	10.3	2.4	J	I	M	F				Cored on joint. South side of Joint
15	10.380	1.0	OR	---	1.5		2.5					15.6	ABC	11.6	2.4	J	I	M	F				Cored on joint. North side of joint
15A	10.380	1.0	OR	---		1.5	2.5					15.6	ABC	11.6	2.4	J	I	M	F				Cored on joint. South side of Joint
16	10.470	7.0	RRTL	---		1.4	2.5					11.8	ABC	7.9	0.5	FC	I	L	F				Friction (FC-12.5) contains air voids. Rut of 0.5 inches. NB Right Turn Lane to Destiny Drive
<b>Remarks:</b> Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement <b>Crack Extent:</b> L= Light; M= Moderate; S= Severe <b>Pavement Condition:</b> G= Good; F= Fair; P= Poor <b>Crack Types:</b> A= Alligator; Bl= Block; Br= Branch SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack <b>Base Types:</b> LR= Limerock; COQ= Coquina; SC= Soil Cement; ABC= Asphalt Base; SAHM= Sand Asphalt Hot Mix; NB= No Base																							

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Project No.:		439136-1		Cored By:		Ardaman		Date:		1/15/2018		Page No.:		2 of 6									
County:		Volusia		Highway Sect. No.:		79030		From:		Woodland Avenue		To:		Flagler County Line									
Road No.:		SR 5 (US 1)		Begin MP:		5.868		End MP:		12.803		Length:		6.935									
Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)							Base		Crack				Pavt Cond.			Comments		
					FC-5	FC-12.5	Type SP	Armi	Type S	Binder	Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent						
17	10.470	1.5	OR	---		0.9	2.1					13.2	ABC	10.2	---	---	---	---	F				
18	10.730	8.0	RRTL	---	1.3		2.4					13.1	ABC	9.4	1.0	FC	I	M	F				NB Right Turn Lane to Broadway Avenue
19	10.730	1.5	OR	---	1.2		3.6					11.7	ABC	6.9	---	---	---	---	F				
20	10.825	9.5	RRTL	X		1.4	2.5					3.9	LR	10.1	---	---	---	---	F				NB Right Turn Lane to Benton Court. FC was not widened completely
21	10.825	1.0	OR	---		1.1	2.5					3.6	LR	10.7	---	---	---	---	G				
22	11.030	5.0	RRTL	---	0.6		0.8		2.1			3.5	LR	9.8	B	ST	III	M	P				Aligator cacking on LWP too close to travel lane to core.
23	11.030	1.0	OR	---	0.9		1.2					2.1	LR	3.9	---	---	---	---	F				NB Right Turn Lane to I-95 Northbound
24	11.480	2.0	RRTL	X	0.9		2.4					3.3	LR	4.9	B	A	II	M	P				NB Right Turn Lane to Houligans . 1.8 inches of rutting
25	11.480	1.5	OR	---	0.4		3.5					3.9	LR	11.6	---	---	---	---	F				shoulder covered by soil
26	12.735	6.5	RRTL	---	0.7		1.9		0.8			3.4	LR	6.9	B	SL	I	L	F				Right Turn Lane to US Foods Services / Blue Coast Bakers
26A	12.735	6.5	RRTL	---	0.7		1.9					2.6	LR	---	B	SL	I	L	F				Core on left side of crack different from left side.
27	12.735	1.0	OR	---	0.5		1.4					1.9	LR	9.6	---	---	---	---	F				
28	10.880	8.0	LRTL	---	1.2		1.6		1.3			4.1	LR	13.8	---	---	---	---	G				SB Right Turn Lane to Benton Street / McDonalds
29	8.490	4.0	LLTL	---	1.1		1.7		1.3	1.0		5.1	LR	11.2	---	---	---	---	G				Joint crack visible. SB Left Turn for "U-Turn"
30	7.965	13.0	MXO	---	1.1		3.0					4.1	LR	13.2	---	---	---	---	F				13 feet measured from L1. Raveling
31	7.935	5.5	RLTL	---	0.7		1.3		1.9			3.9	LR	16.8	---	---	---	---	G				NB Left Turn Lane to Action Golf Carts
32	8.695	3.5	RLTL	X	0.6		1.4		0.7	1.9		4.6	LR	8.4	---	---	---	---	F				NB Left Turn Lane to Lowdens Avenue

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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County:		Volusia		Highway Sect. No.:		79030		From:		Woodland Avenue		To:		Flagler County Line							
Road No.:		SR 5 (US 1)		Begin MP:		5.868		End MP:		12.803		Length:		6.935							
Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)							Base		Crack				Pavt Cond.			Comments
					FC-5	FC-12.5	Type SP	Armi	Type S	Binder	Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent				
33	8.725	21.0	MXO	---	0.7		1.8		1.1	2.6	6.2	LR	8.9	---	---	---	---	F			21 feet measured from L1. Raveling
34	9.690	2.5	RLTL	X	1.0		2.1				13.8	ABC	10.8	1.0	FC	I	M	F			NB Left Turn Lane to S.R. Perrott, Inc. Soil over yellow paint marking
35	9.735	23.0	MXO	---	1.6		1.7		1.0		4.3	LR	6.0	---	---	---	---	F			23 feet measured from L1
36	10.070	4.5	RLTL	---	0.5		4.1				4.6	LR	13.9	---	---	---	---	G			NB Left Turn Lane to U-Turn/ Amaral Ormond Plaza
37	10.450	5.5	RLTL	---		1.5	2.4				3.9	SC	18.6	---	---	---	---	G			NB Left Turn Lane to U-Turn / US 1 Produce Market. Grass over yellow paint marking
38	10.730	3.0	RLTL	X	0.9		1.8			1.2	3.9	LR	8.4	0.9	FC	I	L	F			NB Left Turn Lane to Broadway Avenue
39	10.760	23.0	MXO	---			1.4		0.4	1.2	3.0	LR	8.0	B	SL	III	L	F			23 feet measured from L1
40	10.940	8.0	RLTL	---	1.0		1.2		3.6		5.8	LR	8.7	1.7	SL	II	L	F			NB Left Turn Lane to Rosemary Street
41	11.775	4.5	RLTL	---	1.5		3.0				12.1	ABC	7.6	---	---	---	---	F			NB Left Turn Lane to Exxon Gas Station
42	11.760	21.0	MXO	---	0.9		2.0			1.2	4.1	LR	10.2	---	---	---	---	F			21 feet measured from L1. Raveling
43	12.475	5.0	RLTL	---	1.0		3.1				4.1	LR	10.4	---	---	---	---	G			NB Left Turn Lane to Business Center
44	12.540	19.0	MXO	---	0.5		3.3				16.8	ABC	13.0	---	---	---	---	F			19 feet measured from L1. Cored through elliptical RCP.
45	11.160	5.0	L1	---		1.5			1.2		2.7	PCC	6.8	---	---	---	---	G			Block cracking of PCC reflected
46	10.890	5.5	L1	---	0.9		1.6		0.7		3.2	PCC	7.8	---	---	---	---	G			Block cracking of PCC reflected
47	11.230	9.0	L2	X	0.8		1.5		0.7		3.0	PCC	7.0	---	---	---	---	G			Block cracking of PCC reflected
48	10.980	8.0	L2	---	0.7		1.2		0.9		2.8	PCC	7.1	---	---	---	---	G			Block cracking of PCC reflected

**Remarks:** Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement  
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Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)							Base		Crack				Pavt Cond.			Comments	
					FC-5	FC-12.5	Type SP	Armi	Type S	Binder	Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent					
49	7.920	8.5	R2	---	0.5				3.9		4.4	LR	11.7	B	SC	I	L	F				
50	7.920	3.0	OR	---	1.5				3.9		5.4	LR	8.1	---	---	---	---	F				
51	8.175	6.0	R2	---	0.8				2.8		3.6	LR	14.9	---	---	---	---	F				
52	8.603	7.5	R2	---	0.7		1.4	0.2	0.8	1.0	4.1	LR	---	---	---	---	---	F				
53	8.603	1.5	OR	---	0.9		2.1				3.0	LR	10.1	---	---	---	---	F				
54	9.060	1.5	R2	---	0.3		1.4	0.4	2.0	1.2	5.3	LR	9.5	2.1	SL	II	M	F				
55	9.313	4.0	R2	---	0.7		1.4	0.4	2.6	0.7	5.8	LR	---	2.3	BR	II	M	F				
56	9.313	1.5	OR	---	1.2		1.6		1.7		4.5	LR	5.8	---	---	---	---	F				
57	9.755	9.5	R2	X	0.7		1.0	0.7	1.2	1.4	5.0	LR	7.4	1.7	SL	III	M	P				SL cracks on both WP
58	10.330	3.5	R2	X	1.1		1.5		1.8		4.4	LR	7.9	1.1	FC	III	M	P				SL cracks on both WP
59	10.498	3.5	R2	X	0.4		1.4	0.3	2.0	1.4	5.5	LR	---	2.0	SL	III	M	P				Crack continues on the binder layer. SL cracks on both WP
60	10.940	8.0	R2	---	0.6		1.6	0.4	1.3	1.3	5.2	LR	7.1	2.1	SL	III	M	P				SL cracks on both WP
61	10.940	1.5	OR	---	1.0		1.7		0.7		3.4	LR	8.5	---	---	---	---	F				
62	11.563	8.0	R2	---	0.9		1.4	0.3	0.9	1.2	4.7	LR	---	---	---	---	---	F				
63	11.563	1.5	OR	---	1.4		1.5				2.9	LR	4.6	---	---	---	---	F				
64	12.170	4.5	R2	---	0.6		1.7	0.3	1.3	0.6	4.5	LR	---	2.4	SL	II	L	F				

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Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)							Base		Crack				Pavt Cond.			Comments
					FC-5	FC-12.5	Type SP	Armi	Type S	Binder	Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class	Extent				
65	12.170	1.5	OR	---	1.1		1.7				2.8	LR	4.6	---	---	---	---	F			
66	12.700	3.5	R2	X	0.7		1.4	0.4	1.9	0.4	4.8	LR	6.7	0.7	FC	I	L	F			
67	7.350	13.8	MXO	---	1.7		1.7				15.9	ABC	12.5	---	---	---	---	F			13.8 feet measured from L1
68	7.740	4.0	R1	---	0.5		1.7	0.4	1.5	0.8	4.9	LR	10.2	2.3	SL	II	M	F			
69	8.165	2.5	R1	X	0.5		1.1	0.3	2.1	0.9	4.9	LR	---	1.3	SL	II	M	F			
70	8.778	5.5	R1	---	0.7		1.1	0.9	0.8	0.6	4.1	LR	7.9	---	---	---	---	F			
71	9.050	2.0	R1	X	0.6		1.7	0.3	2.0	1.3	5.9	LR	---	2.2	SL	III	M	F			
72	9.518	4.5	R1	---	0.9		1.2	0.6	1.1	0.8	4.6	LR	7.6	---	---	---	---	F			
73	9.985	5.5	R1	---	0.7		1.6	0.3	1.1	0.7	4.4	LR	---	---	---	---	---	F			
74	10.525	6.0	R1	---	1.0		1.6	0.1	1.1	0.4	4.2	LR	8.8	---	---	---	---	F			
75	10.975	5.0	R1	---	0.5		1.4	0.5	1.3	0.7	4.4	LR	---	---	---	---	---	F			
76	11.600	4.0	R1	---	1.0		2.0	0.1	0.8	0.6	4.5	LR	7.5	---	---	---	---	F			
77	12.133	6.5	R1	---	0.8		1.9	0.3	1.4	0.8	5.2	LR	7.8	0.4	FC	I	L	F			
78	12.553	3.0	R1	X	0.7		2.0	0.2	0.9	0.8	4.6	LR	8.0	2.0	SL	I	L	F			
79	11.370	5.0	LLTL	---	1.0		3.5				11.2	ABC	6.7	0.5	FC	I	L	F			SB Left Turn Lane (Extended) to I-95 SB
80	11.290	5.5	LLTL	---	0.9		2.2		2.2		5.3	LR	18.5	---	---	---	---	F			Alligator cracks on outside WP to close to core. Raveling. SB Left Turn Lane (Original) to I-95 SB

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## Supplemental Data to PECD

(GPS Coordinates of Each Locations Cored)

SR 5 (US 1) FPN: 439136-1 County: Volusia

Core #	GPS Coordinates	
1	N 29.291183	W -81.070324
2	N 29.30792	W -81.09684
3	N 29.307921	W -81.096839
4	N 29.319775	W -81.109407
5	N 29.319775	W -81.109408
6	N 29.3213	W -81.111132
7	N 29.3213	W -81.111133
8	N 29.322488	W -81.112632
9	N 29.322488	W -81.112631
10	N 29.326605	W -81.118231
11	N 29.326604	W -81.118231
12	N 29.328175	W -81.120347
13	N 29.32818	W -81.120354
14	N 29.329181	W -81.121664
15	N 29.329181	W -81.121664
16	N 29.329999	W -81.122876
17	N 29.329999	W -81.122876
18	N 29.332458	W -81.126196
19	N 29.332458	W -81.126197
20	N 29.333326	W -81.1274

Core #	GPS Coordinates	
21	N 29.333327	W -81.127400
22	N 29.335091	W -81.129775
23	N 29.335092	W -81.129777
24	N 29.33926	W -81.135398
25	N 29.339259	W -81.135398
26	N 29.35124	W -81.151636
27	N 29.351241	W -81.151633
28	N 29.333574	W -81.128238
29	N 29.309911	W -81.09926
30	N 29.304408	W -81.093334
31	N 29.304173	W -81.092941
32	N 29.312233	W -81.101573
33	N 29.312469	W -81.101822
34	N 29.32259	W -81.112958
35	N 29.322927	W -81.113422
36	N 29.326240	W -81.117857
37	N 29.329753	W -81.122649
38	N 29.332359	W -81.126181
39	N 29.332594	W -81.126463
40	N 29.334277	W -81.12884

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41	N 29.337033	W -81.132573
42	N 29.34197	W -81.139251
43	N 29.348807	W -81.148508
44	N 29.349159	W -81.149075
45	N 29.336414	W -81.131956
46	N 29.333843	W -81.128556
47	N 29.336798	W -81.132555
48	N 29.334493	W -81.129348
49	N 29.304181	W -81.092879
50	N 29.304183	W -81.092879
51	N 29.306822	W -81.095705
52	N 29.311403	W -81.100563
53	N 29.311403	W -81.100563
54	N 29.31619	W -81.105625
55	N 29.318841	W -81.108473
56	N 29.318841	W -81.108473
57	N 29.323261	W -81.113744
58	N 29.328631	W -81.121024
59	N 29.330136	W -81.123009
60	N 29.334325	W -81.128729

Core #	GPS Coordinates	
61	N 29.334325	W -81.128729
62	N 29.340196	W -81.136777
63	N 29.340196	W -81.136778
64	N 29.345933	W -81.144491
65	N 29.345935	W -81.144495
66	N 29.350966	W -81.151422
67	N 29.299126	W -81.085201
68	N 29.302199	W -81.090627
69	N 29.306606	W -81.095575
70	N 29.313103	W -81.10253
71	N 29.315889	W -81.105521
72	N 29.321005	W -81.110972
73	N 29.32552	W -81.116908
74	N 29.330564	W -81.123756
75	N 29.334815	W -81.129511
76	N 29.340526	W -81.137298
77	N 29.345551	W -81.144105
78	N 29.34947	W -81.149528
79	N 29.3384	W -81.134506
80	N 29.33766	W -81.133513



