

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

Project No.: 434404-1		Cored By: Ardaman				Date: 6/1/2016				Page No.: 1 of 4											
County: Brevard		Highway Sect. No.: 70030				From: LaGrange Road				To: Minnie Lane											
Road No.: SR 5 (US 1)		Begin MP: 6.310				End MP: 8.828				Length: 2.518											
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	FC-6	Type S/SP	Binder/Surf Treat			Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class					Extent
1	6.350	8.0	R2	X	0.9		2.3	0.6			3.8	LR	7.0					G			
2	6.665	6.5	R2	---	0.8		2.4	0.5			3.7	LR	7.3					G			
3	6.794	6.5	R2	---	0.6		2.9	0.6			4.1	LR	7.7					G			
4	7.120	7.5	R2	---	1.0		2.3	1.6			4.9	LR	7.6					F			Light Rippling
5	7.120	1.5	OR	---			1.1				1.1	LR	3.7					F			1.5 inch drop on shoulder. Light Raveling.
6	7.385	7.5	R2	---	0.5		2.5	1.3			4.3	LR	8.2					F			Rippling.
7	7.385	1.5	OR	---			1.0				1.0	LR	4.5					F			3/4 inch drop on shoulder.
8	7.562	9.0	RRTL	X		0.6	3.0				3.6	LR	13.4					G			
9	7.735	7.5	RRTL	---		0.6	2.9				3.5	LR	11.5					F			Med Raveling
10	7.735	2.0	OR			0.4	3.3				3.7	LR	9.8					F			Med Raveling
11	7.835	7.5	R2	---	0.4		2.9				3.3	LR	11.0					F			Light Rippling
12	7.844	1.5	OR	---			0.9				0.9	LR	5.1	B	ST	II	L	P			Patched
13	8.700	9.5	R2	X		1.5	1.6	0.9			4.0	LR	10.0	0.1	SL	II	M	F			Rippling.
14	8.700	4.5	OR	---		2.0	1.6				3.6	LR	9.2					F			
15	8.282	3.5	L2	X		0.8	1.3	1.0			3.1	LR	10.9	B	SL	II	M	F			Light Rippling
16	8.282	15.0	OL	---		1.2	1.5	0.7			3.4	LR	11.1	0.5	SL	II	L	F			Distance from left edge measured from L1 because no visible line on shoulder.

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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					FC-5	FC-6	Type S/SP	Binder/Surf Treat			Core Length (in)	Type	Thickness (in)	Depth (in)	Type	Class					Extent	
33	7.815	7.5	R1	---	0.7		2.4	0.9			4.0	LR		B	ST	II	L	F				
34	7.870	7.0	RLTL	---	0.4		3.7			4.1	LR	10.7						F				
35	8.105	3.5	R1	X	0.7		2.7	1.1		4.5	LR	10.0	0.7	OGFC	II	L	F					Light Raveling
36	8.630	6.0	RLTL	---		1.5	1.0	1.4		3.9	LR	9.6	0.9	SL	I	L	F					Light Rippling
37	8.700	7.0	R1	---		1.5	1.2	1.1		3.8	LR	11.0	B	BR	I	M	F					
38	8.320	2.5	L1	X		1.4	1.6	1.1		4.1	LR	10.9	B	SL	III	S	F					Light Rippling
39	8.315	8.0	LLTL	---		1.3	1.1	1.1		3.5	LR	11.5	B	ST	II	L	F					
40	8.160	5.5	MXO	---		0.8	2.9	1.6		5.3	LR	9.7	B	BR	III	S	P					Distance from left edge of lane measured from R1.
41	8.063	4.0	L1	X	0.8		3.1			3.9	LR	11.9	0.8	OGFC	II	L	F					
42	7.513	6.0	L1	---	0.9		2.9			3.8	LR	10.5	0.9	OGFC	II	L	F					Light Raveling
43	7.118	4.0	L1	X	1.0		3.2			4.2	LR	9.8	1.5	SL	I	L	P					Med Rippling
44A	6.938	2.5	L1	X	0.4		7.7			8.1	LR		0.8	BR	II	M	P					Med Rippling/Split Core
44B	6.938	2.5	L1	X	0.4		8.4	0.5		9.3	LR		0.8	BR	II	M	P					Med Rippling/Split Core
45	6.935	4.0	LLTL	---	0.6		6.1			6.7	LR	9.1	0.6	OGFC	II	S	P					Med Rippling
46	6.620	1.5	L1	---		1.5	5.8	0.5		7.8	LR	3.2					P					Med Rippling/Patched Area
47	6.620	10.0	LLTL			1.5	3.1			4.6	LR	8.4					P					Med Rippling/Patched Area

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48	6.460	1.5	L1	---	0.5		3.5				4.0	LR	10.8					F				Light Raveling		
49	6.560	10.0	RLTL	X	1.2		3.8				5.0	LR	9.0					G				Light Raveling		
50	6.670	8.5	R1	X	0.8		2.2	0.9			3.9	LR	12.4					G						
51	6.740	16.0	MXO	---			5.2				5.2	LR	8.8					F				Distance from left edge measured from R1.		
52	6.870	9.5	RLTL	---	0.9		3.2				4.1	LR	11.9					G						
53	7.370	1.5	L1	---	0.6		5.0	0.7			6.3	LR	7.7					F				Med Rippling		
54	7.883	2.0	L1	X	0.5		5.9				6.4	LR	8.1	0.5	OGFC	II	S	F				Med Rippling		
55	7.883	9.5	LLTL				4.9				4.9	LR	9.9					F				Med Rippling		
56	7.658	6.5	LRTL	---	0.6		3.4				4.0	LR	10.5					F				Light Raveling		
57	6.535	9.5	RRTL	X	0.5		3.7				4.2	LR	12.1					G				Light Raveling		

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Supplemental Data to PECD

(Cross Slope of Each Locations Cored)
SR 5 (US1) FPN: 434404-1 County: Brevard

Core #	GPS Coordinates	
1	N 28.637549	W -80.830019
2	N 28.641527	W -80.832429
3	N 28.643111	W -80.833388
4	N 28.647429	W -80.835941
5	N 28.647429	W -80.835941
6	N 28.650841	W -80.837982
7	N 28.650841	W -80.837982
8	N 28.65323	W -80.839371
9	N 28.655344	W -80.840649
10	N 28.655353	W -80.840653
11	N 28.656642	W -80.841432
12	N 28.656642	W -80.841432
13	N 28.668346	W -80.84611
14	N 28.668341	W -80.846111
15	N 28.662768	W -80.843979
16	N 28.662752	W -80.843976
17	N 28.658102	W -80.842631
18	N 28.657044	W -80.841966
19	N 28.657044	W -80.841965
20	N 28.654084	W -80.840203

Core #	GPS Coordinates	
21	N 28.652533	W -80.839336
22	N 28.65105	W -80.838422
23	N 28.65105	W -80.838422
24	N 28.646012	W -80.835383
25	N 28.64601	W -80.835382
26	N 28.644611	W -80.834522
27	N 28.639424	W -80.831444
28	N 28.638812	W -80.83106
29	N 28.638812	W -80.83106
30	N 28.647485	W -80.836119
31	N 28.647749	W -80.836201
32	N 28.651093	W -80.83818
33	N 28.656206	W -80.841264
34	N 28.656848	W -80.841696
35	N 28.660082	W -80.843136
36	N 28.667269	W -80.845761
37	N 28.668338	W -80.84621
38	N 28.663175	W -80.844069
39	N 28.662959	W -80.843963
40	N 28.66112	W -80.843504

