

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

Project No.: 424890-1	Cored By: Universal Engineering Science	Date: 10/05/09 - 10/06/09	Page No.: 1 of 6
County: Brevard	Highway Sect. No: 70110	From: West of I-95	To: SR 5 (US 1)
Road No.: SR 50	Begin M.P.: 5.066	End M.P.: 8.540	Length: 3.474

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-4	Type S	Type II	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
47	5.085	6.5	R1		1.0		2.7				3.7	LR	8.8					P			Worn Surface
49	5.197	4	R1		0.8		1.8		1.2		3.8	LR	9.2	1.5	SL	II	M	P			Ripples; Raveling
54	5.720	5.5	R1			0.9	1.7				2.6	LR	8.4	B	SL	I	L	P			Worn Surface
55	6.121	6	R1			1.0	2.3				3.3	LR		B	SL	I	S	P			Worn Surface
56	6.315	3	R1	X		1.0	1.4				2.4	LR	8.1					P			Worn Surface
58	6.930	4	R1	X		0.6	2.2				2.8	LR		B	ST	I	M	P			
60	7.349	3.5	R1	X		0.8	1.8				2.6	LR	8.7	B	ST	I	M	P			Worn Surface
62	7.883	4	R1				2.8				2.8	LR	8.7	B	ST	I	M	P			Patched Area; Top 1.0" Layer Has Granite
63	8.468	6.5	R1			0.9	1.3				2.2	LR	8.3	B	JC	I	L	P			Worn Surface; Cored on Joint
46	5.080	3.5	L1	X	1.0		4.3				5.3	LR	12.2					F			
45	5.437	4	L1	X		0.9	0.7		1.3		2.9	LR	10.6	B	ST	II	S	P			
44	5.979	6	L1			0.7	1.9				2.6	LR	8.9	B	SL	I	S	P			
43	6.788	5	L1			0.8	1.8				2.6	LR		B	SL	I	S	P			
42	7.252	4.5	L1			0.6	1.8				2.4	LR	9.1	B	SL	I	S	P			Worn Surface
41	7.672	5	L1			0.6	1.9				2.5	LR		B	SL	I	S	P			Worn Surface
40	8.138	6.5	L1			0.5	1.7				2.2	LR	8.3	B	SL	I	S	P			Worn Surface

Remarks: A=Alligator B=Base BL=Block BR=Branch Cracking OGFC= Open-Graded FC Stress Cracks SL=Single Longitudinal Crack L=Light Cracking M=Moderate Cracking S=Severe Cracking G=Good F=Fair P=Poor ST=Single Transverse Crack LR=Limerock LML=Westbound Merge Lane ABC = Asphalt Base Course SC= Soil Ceme RRTL=North or Eastbound Right Turn Lane RLTL=North or Eastbound Left Turn Lane SE = Super-elevated LRTL= South or Westbound Right Turn Lane LLTL=South or Westbound Left Turn Lane NB=No Base

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					FC-5	FC-4	Type S	Type II	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent						
39	8.424	5.5	L1			0.9	1.1					2.0	LR		B	SL	I	S	P				Top Layer Has Granite
1	5.225	10	R2	X	0.4		2.1		1.2			3.7	Coquina	12.8					P				Worn Surface; Raveling
32	5.649	4	R2	X		1.0	1.8					2.8	LR	7.7					P				Worn Surface
33	6.281	9	R2	X		0.6	2.1					2.7	LR						P				Worn Surface
34	6.766	9	R2	X		0.5	1.9					2.4	LR	9.6					P				Worn Surface
35	7.132	8.5	R2	X		0.6	2.1					2.7	LR	8.3					P				Worn Surface
36	7.627	4	R2	X		0.7	1.9					2.6	LR	8.9					P				Worn Surface
37	8.120	8.5	R2	X		0.5	1.9					2.4	LR						P				Worn Surface
38	8.381	7	R2	X		1.5	2.0					3.5	LR	9.3	B	ST	I	M	P				Patched Area; Top 1.0" is Overlay of 0.5" FC-4
28	5.425	9.5	L2	X	0.9		1.3		1.5			3.7	LR/Shel	9.8	B	SL	II	L	P				Worn Surface; Raveling
24	6.040	7	L2			0.7	2.0					2.7	LR		B	SL	I	L	P				Worn Surface
23	6.480	9	L2	X		0.7	1.8					2.5	LR	9.0					P				Worn Surface
20	6.965	7	L2			0.9	1.8					2.7	LR		B	SL	II	M	P				Worn Surface
19	7.602	6.5	L2			0.9	1.7					2.6	LR	8.4	B	SL	II	S	P				Worn Surface
18	7.886	6	L2				2.2					2.2	LR	7.3	B	ST	I	L	P				Patched Area; Top 0.5" Layer Has Granite
16	7.940	7	L2			0.6	1.9					2.5	LR		B	SL	I	L	P				Worn Surface

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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-4	Type S	Type II	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent								
15a	8.126	4	L2			0.8	2.7					3.5	LR	9.5	B	SL/ ST	I	L	P				Patched Area; Manhole With Significant Cracking at Adjacent Lane L1		
15b	8.126	4	L2			0.8	2.2					3.0	Conc.	--	B	SL/ ST	I	L	P				Concrete on South Side of Core		
14	8.257	7.5	L2	X		0.6	1.9					2.5	LR	8.5	B	SL	II	S	P				Worn Surface		
2	5.293	6.5	R3	X	1.0		1.4					2.4	Coquina	12.4	B	SL	II	S	P						
5	5.375	3	R3	X	1.0		2.7		2.1			5.8	Coquina	11.7	B	ST	II	M	P						

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					FC-5	FC-4	Type S	Type II	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
3	5.291	10	RRTL	X			3.0				3.0	LR/Shell	3.3					P			Patch area on left - Worn Surface; RRTL to Mobil Gas Station
4	5.342	7	RRTL	X	1.0		1.2				2.2	LR/Shell	9.1					P			Worn Surface; RRTL to Best Western
9	5.540	8.5	RRTL	X		0.5	1.6				2.1	LR	8.4					P			RRTL Merge Ramp from SR 405; Severe Worn Surface
11	5.729	8	RRTL	X		1.4	2.8				4.2	LR	12.6					P			Rut depth on RWP; Worn Surface; RRTL to Wal Mart
7	5.455	10	RRTL 1	X	0.9		2.9				3.8	LR	12.7	B	SL	II	L	P			Worn Surface; RRTL-1 to SR 405 South
8	5.455	3	RRTL 2	X	1.0		2.6				3.6	LR	12.9					P			Worn Surface; RRTL-2 to SR 405 South
48	5.085	3.5	RLTL	X	0.8		1.9				13.4	ABC	10.7					P			Worn Surface; Raveling; RLTL to I-95 NB
50	5.270	5	RLTL		0.7		3.0				3.7	LR	10.8	1.3	SL	I	L	P			Ripples; Worn Surface; RLTL to Shell Gas Station
51	5.360	6	RLTL		0.7		2.3				3.0	LR/Shell	10.3					F			RLTL to Denny's/Serpentine Rd
71	5.367	8	RLTL		0.7		1.5				2.2	LR	12.3					P			Raveling; RLTL to Ramada Inn; No LLTL to McDonalds at MP 5.420
52	5.445	3	RLTL	X	0.8		3.8				4.6	LR/Shell	11.7					P			Raveling; RLTL to SR 405 North
53	5.715	7	RLTL	X			3.8				3.8	LR/Shell	10.7					F			RLTL to Ford Dealership
57	6.579	2.5	RLTL	X			3.6				3.6	LR	10.2	B	SL	I	L	P			RLTL to Parrish Fitness Center
59	6.986	7	RLTL				4.3				4.3	LR	13.7					P			Raveling; RLTL to Barna Ave (Extension)
61	7.672	8	RLTL	X		0.9	1.6	0.5			3.0	LR	13.0					P			Worn Surface; RLTL to K-Mart
31	5.210	10	LRTL	X	0.7		2.0				2.7	LR	26.8					P			Worn Surface; Ripples; LRTL to I-95 NB; Water Table encountered at 29.5"

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					FC-5	FC-4	Type S	Type II	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
29	5.424	3.5	LRTL		1.1		2.8					3.9	LR/Shel	10.4					P			Worn Surface; Raveling; LRTL to Denny's/Serpentine Rd
27	5.545	5	LRTL			0.6	1.9					2.5	LR	8.5					P			Worn Surface; LRTL to SR 405 North
26	5.814	9	LRTL	X			4.5					4.5	LR	9.3					F			LWP/ C / RWP; LRTL to Ford Dealership
22	6.649	8	LRTL	X			4.4					4.4	LR	5.6					F			LRTL to Parrish Fitness Center
73	5.180	4.5	LLTL		0.9		1.9					12.4	ABC	9.6					P			Raveling; LLTL to I-95 SB
72	5.330	5	LLTL		1.1		1.4					12.5	ABC	10.0					P			Raveling; LLTL to Mobil Gas /Windover Way
70	5.800	4	LLTL	X		0.8	3.2					4.0	LR	15.5					P			Worn Surface; LLTL to Wal Mart
69	5.888	6.5	LLTL	X			1.8					1.8	LR	13.0					F			LLTL to Cathedral Way
68	6.243	7	LLTL			0.7	1.9					2.6	LR	8.4	0.8	BR	I	S	P			Worn Surface; LLTL to Winchester Drive
67	6.362	3.5	LLTL	X		0.5	1.7					2.2	LR	10.3	B	BR	I	S	P			Worn Surface; LLTL to St. Patrick's Drive
66	6.955	8	LLTL	X			2.7					2.7	LR	8.3					F			LLTL to Suntrust Bank
65	7.720	3.5	LLTL	X		1.2	2.1					3.3	LR	12.0					P			Worn Surface; LLTL to Mead Lane/Brusters
64	8.468	5	LLTL			0.9	3.0					3.9	LR	13.1					P			Worn Surface; Cored on Joint; LLTL to Walgreens

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					FC-5	FC-4	Type S	Type II	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent								
6	5.426	2	OR		1.1		3.6					4.7	LR	4.8					F						
10	5.656	4	OR			1.0	1.7					2.7	LR	7.3	0.6	SL	I	L	P				Severe Worn Surface		
12	6.793	3	OR			0.9	1.9					2.8	LR	9.0	B	SL	II	S	P				Severe Worn Surface		
13	7.622	4	OR			0.8	2.1					2.9	LR	8.4					P				Severe Worn Surface		
30	5.323	2.5	OL		0.9		1.1					6.7	ABC	4.7					P				Raveling		
25	6.041	3.5	OL			0.6	2.0					2.6	LR	7.9	B	BR	I	S	P				Worn Surface		
21	6.965	4	OL			0.7	1.7					2.4	LR	8.6					P				Worn Surface		
17	7.940	4.5	OL			0.7	1.7					2.4	LR	9.1					P				Worn Surface		

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