

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

Project No.: 424884-1	Cored By: Universal Engineering Sciences	Date: 1/6/2010	Page No.: 1 of 3
County: Sumter	Highway Sect. No: 18030	From: Hernando County Line	To: SR 471
Road No.: SR 50	Begin M.P.: 0.000	End M.P.: 4.262	Length: 4.262

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 2	Type S	ARMI	Type I	Type II	Type I	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
37	0.109	9.5	L1		0.3	2.5						2.8	LR	10.5	B	A	II	S	P				Raveling, Core on Joint, Severe cracking
38	0.109	3	L1	X	0.5	2.9						3.4	LR		B	ST	II	S	P				Raveling, Core on Joint; Severe cracking
1	0.176	10	R1	X	0.5	3.2						3.7	LR	9.8	B	BR	II	S	P				
36	0.257	10	L1	X	0.3	3.0			1.9		2.3	7.5	LR	7.3	2.3	BR	I	S	P				ARMI not present in core; Core separation at 4.0" down from top
2	0.336	9.5	R1	X	0.4	2.9	0.3				2.3	5.9	LR	7.6	B	A	I	S	P				Sliding at EOP
34	0.673	6.5	L1		0.3	3.8	0.2	0.2	0.8		2.4	7.7	LR		1.3	BR	II	S	P				Core separation at 1.2" down from top
32	0.922	10	L1	X	0.3	2.0	0.2	0.5	1.5	1.0	1.3	6.8	LR	8.2	B	BR	I	S	P				
4	0.943	2	R1	X	0.7	3.0	0.3	0.5	1.0	0.9	1.7	8.1	LR	7.9	2.1	SL	II	M	P				
5	1.259	6	R1		0.5	3.2	0.2			0.7	1.2	5.8	LR		3.1	BR	II	S	P				
31	1.351	9	L1	X	0.4	3.1	0.3		0.3		2.3	6.4	LR		B	BR	II	S	P				Asphalt Sliding
6	1.449	9	R1	X	0.5	2.5				1.1	1.2	5.3	LR	7.2	B	BR	II	S	P				ARMI not present in core; Core separation at 3" down from top
8	1.790	6.5	R1		0.5	2.7	0.3			1.1	2.1	6.7	LR	8.3	3.4	SL	II	S	P				
29	1.835	6	L1		0.5	2.8	0.2	0.3	0.6	0.6	1.6	6.6	LR	7.7	3.5	BR	II	S	P				Core separation at 3.7" down from top
10	2.027	8.5	R1	X	0.3	2.2	0.3			1.2	1.3	5.3	LR		B	A	II	S	P				Sliding at EOP; Core separation at 3.2" down from top
12	2.246	7	R1		0.4	2.6	0.3			0.9	1.8	6.0	LR	7.5	2.5	BR	I	M	P				
28	2.314	9	L1	X	0.4	2.5	0.2	0.3	2.1		2.4	7.9	LR		3.1	SL	II	S	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; BI= Block; Br= Branch; SL= Single Longitudinal; ST= Single Transverse; 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 2	Type S	ARMI	Type I	Type II	Type I	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent							
14	2.565	8.5	R1	X	0.5	2.5	0.2			0.6	2.2	6.0	LR	7.5	B	BR	II	S	P						
26	3.001	7	L1		0.5	3.0	0.2	0.8	1.0		2.0	7.5	LR	9.0	3.5	ST	II	M	P						
15	3.001	9	R1	X	0.5	2.3	0.3	0.5	1.8		1.9	7.3	LR	9.7	2.5	SL	II	M	P				Core separation at 5.2" down from top		
17	3.376	9	R1	X	0.3	3.0	0.2		1.5		2.0	7.0	LR	8.0	B	SL	II	S	P						
25	3.554	6.5	L1		0.4	3.1	0.2			0.5	1.8	6.0	LR		3.5	SL	II	S	P						
18	3.647	8	R1	X	0.3	2.7	0.3		1.9	1.1	1.0	7.3	LR	8.2	3.5*	SL	II	S	P				*CRACKING FROM BOTTOM -UP		
19	3.868	7.5	R1		0.5	2.8	0.2	1.1	0.8	1.0	1.1	7.5	LR	7.8	3.5	ST	II	M	P						
20	4.014	3	R1	X	0.4	2.3	0.2			1.7	1.6	6.2	LR	8.3	B	SL	II	S	P						
22	4.024	4	L1	X	0.4	2.5	0.3			0.7	2.0	5.9	LR	7.4	3.0	BR	II	S	P						

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					FC 2	Type S	ARMI	Type I	Type II	Type I	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent							
35	0.517	1	OL		0.5	2.3							2.8	LR	5.7	B	SL	I	S	P				LR below core, 2" of sand in between LR layers	
33	0.673	2	OL		0.5	1.3							1.8	LR	5.7	B	A	II	S	P				Asphalt Sliding at EOP	
3	0.800	2	OR		0.4	1.1							1.5	LR	7.0					P				Raveling, Worn Surface	
30	1.545	2	OL		0.5	1.1							1.6	LR	5.4					P				Raveling, Worn Surface	
7	1.780	2.5	OR		0.3	0.8							1.1	LR	6.4	B	A	II	S	P					
9	1.839	2	OR		0.6	0.9							1.5	LR	5.0					P				Raveling, Worn Surface	
11	2.226	2	OR		0.6	1.0							1.6	LR	4.9	B	A	II	S	P					
13	2.316	2	OR		0.5	1.3							1.8	LR	5.2	B	A	II	S	P					
27	2.602	2	OL		0.4	1.2							1.6	LR	5.9					P				Raveling, Worn Surface	
16	3.200	2	OR		0.6	1.8							2.4	LR	4.1					P				Raveling, Worn Surface	
24	3.554	2	OL		0.4	1.0							1.4	LR	5.6					P				Cracks at Left Lane, Worn Surface	
21	4.017	2	OR		0.3	1.1							1.4	LR	5.9					P				Moderate Raveling, Worn Surface	
23	4.024	2	OL		0.3	1.0							1.3	LR	5.5					P				Cracks at Left Lane, Worn Surface	

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