

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

Project No.: 424889-1	Cored By: Ellis & Associates	Date: 1/27/2011	Page No.: 1 of 2
County: Brevard	Highway Sect. No: 70030	From: South of Elaine Drive	To: North of Jay Jay Road
Road No.: SR 5 (US 1)	Begin M.P.: 4.644	End M.P.: 6.930	Length: 2.286 Miles

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	FC-2	SP-12.5	Type S	Binder Course	Core Length (in.)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	4.694	8.0	RLTL	X	-	0.5	-	-	1.5	2.3	4.3	L/R	9.2	B	Br	III	S	P			RLTL to Deleon Drive
2	4.794	7.9	R1	X	-	1.0	-	-	1.6	1.6	4.2	L/R	9.1	-	-	-	-	F			No crack in vicinity of core location
3	4.819	9.5	RRTL	X	0.8	-	-	2.7	-	-	3.5	L/R	8.5	-	-	-	-	F			RRTL to business entrance No crack in vicinity of core location
4	5.428	7.9	R2	X	-	0.7	-	-	1.6	1.6	3.9	L/R	10.1	-	-	-	-	F			No crack in vicinity of core location
5	5.428	1.5	OR	-	-	1.1	-	-	1.7	-	2.8	L/R	4.5	-	-	-	-	F			Grass 2"-3" above sholder
6	5.169	5.0	RLTL	-	-	1.1	-	-	1.3	1.9	4.3	L/R	11.2	B	Br	III	S	P			RLTL to Malinda Lane
7	5.219	2.5	R1	X	-	0.8	-	-	1.5	1.3	3.6	X	LR	-	-	-	-	F			No crack in vicinity of core location
8	5.294	7.9	RRTL	X	-	0.7	-	-	1.8	-	2.5	SBRM	3.8	B	Br	II	S	P			RRTL to Buffalo Road
9	5.428	3.1	R2	X	-	0.8	-	-	1.7	1.0	3.5	X	LR	B	Br	I	L	F			MP moved to obtain core on crack
10	5.428	1.5	OR	-	-	0.8	-	-	2.2	-	3.0	X	LR	-	-	-	-	F			MP moved to match MP location of core #9
11	5.519	9.0	RRTL	X	-	1.0	-	-	1.5	-	2.5	L/R	10.5	-	-	-	-	F			RRTL to Jess Parish Road No crack in vicinity of core location
12	5.662	5.0	R1	-	-	0.8	-	-	1.9	-	2.7	L/R	8.8	B	Br	II	M	P			MP moved to obtain core on crack
13	5.691	30.8	MXO	-	-	0.8	-	-	1.2	-	2.0	L/R	10.5	B	Br	III	S	P			See cross slope supplemental for MXO slopes
14	5.719	9.0	R2	X	-	0.6	-	-	1.2	1.7	3.5	L/R	6.8	B	A	III	S	P			
15	5.719	1.5	OR	-	-	-	0.9	-	2.6	-	3.5	L/R	6.5	-	-	-	-	F			
16	5.741	3.5	R1	X	1.0	-	-	-	1.5	0.7	3.2	L/R	8.8	B	Br	II	L	P			Large voids present, typically seen in Alligator cracks Surface blemishes present in core vicinity

Remarks: Crack Types: L=Longitudinal, T=Transverse, A=Alligator, Bl=Block, Br=Branch, C=Combination

S/S = Stabilized Subgrade, LR=Limerock

NOTE 1: No cracks observed in vicinity of the following core locations: #2, 3, 4, 7, 11, 17, 20, 22 & 24

NOTE 2: Surface blemishes from 50' south to core location, evidence of future cracking.

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					FC-5	FC-4	FC-2	SP-12.5	Type S	Binder Course	Core Length (in.)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
17	5.819	8.0	RRTL	X	-	0.5	-	3.7	-	-	4.2	L/R	9.3	-	-	-	-	F			RRTL to business entrance No crack in vicinity of core location	
18	6.220	5.5	RLTL	-	-	0.6	-	-	1.0	1.6	3.2	L/R	9.8	B	L	III	S	P			RLTL to LaGrange Road Branch cracking also present in vicinity of core location	
19	6.220	5.5	R1	-	-	0.6	-	-	1.4	1.0	3.0	X	LR	B	Br	III	L	F				
20	6.350	8.3	R2	X	-	0.9	-	-	1.4	0.9	3.2	X	LR	-	-	-	-	F			No crack in vicinity of core location	
21	6.350	1.8	OR	-	-	1.0	-	-	2.2	-	3.2	X	LR	-	-	-	-	F				
22	6.670	2.5	R1	X	-	1.0	-	-	1.5	1.4	3.9	L/R	8.1	-	-	-	-	F			No crack in vicinity of core location	
23	6.750	35.0	MXO	-	-	-	-	-	4.0	-	4.0	L/R	8.5	0.8	Br	I	M	P			See cross slope supplemental for MXO slopes	
24	6.794	8.0	R2	X	-	1.0	-	-	1.4	1.3	3.7	L/R	6.8	-	-	-	-	F			No crack in vicinity of core location	
25	6.794	1.5	OR	-	-	0.9	-	-	2.3	-	3.2	L/R	4.1	-	-	-	-	F				

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NOTE 1:

NOTE 2: