

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

Project No.: FPN 428855-1					Cored By: Elipsis Engineering and Consulting					Date: 9/5/12 ; 9/6/12 ; 9/10/12					Page No.: 1 of 3						
County: Volusia					Highway Sect. No.: 79002					From: South of SR 400/I-4					To: North of SR 600/US 92						
Road No.: SR 9 (I-95)					Begin MP: 27.147					End MP: 29.717					Length: 2.57 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	Type SP-C	ARMI	Type S	Type I	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	27.279	6.0	R3		0.8	3.2		1.3		2.0	7.3	LR	11.4	—	—	—	—	P			
2	27.279	4.0	OR			1.5		1.6	0.5		3.6	SAHM	6.0	—	—	—	—	F			SAHM with Shell
3	28.365	9.5	R3	X	0.9	2.6	0.5	1.7		2.5	8.2	LR	13.1	—	—	—	—	P			
4	28.365	3.0	OR			2.1			1.6		3.7	SAHM	6.6	—	—	—	—	F			SAHM with Shell
5	29.758	3.0	R3	X	0.9	1.7	0.7	1.5		2.8	7.6	LR	—	—	—	—	—	P			No Base Thickness Check
6	29.758	2.5	OR			1.7			1.8		3.5	SAHM	6.8	B	ST	III	S	P			SAHM with Shell
7	29.785	10.5	L3		0.7	1.4		3.8		2.5	8.4	LR	11.9	2.1	ST	I	M	P			
8	29.785	4.0	OL			2.0			1.9		3.9	SAHM	6.5	—	—	—	—	F			SAHM with Shell
9A	29.218	5.0	L3		0.9	1.3		3.4	0.6	1.5	7.7	LR	12.3	B	R	II	M	P			"Diagonal" Widening Joint, Split Core, Old Pavement
9B	29.218	5.0	L3		0.9	5.0					5.9	LR	14.1	B	R	II	M	P			"Diagonal" Widening Joint, Split Core, Widened Pavement
10	29.218	7.5	OL			1.4					1.4	LR	7.6	—	—	—	—	F			
11	28.900	8.5	L3	X	1.0	4.6					5.6	LR	14.2	—	—	—	—	F			Repaired Area on R3 Lane (12' wide x 344' long)
12	28.900	4.5	OL			1.2					1.2	LR	11.1	—	—	—	—	F			
13	28.672	10.0	L4	X	1.2			4.2			12.6	ABC	7.2	—	—	—	—	P			Sample fractured while coring
14	28.672	3.0	OL			1.4					5.2	ABC	3.8	—	—	—	—	F			
15	27.501	2.0	R1	X	0.8	4.6					5.4	LR	16.2	—	—	—	—	P			
16	27.501	2.5	IR					3.9			3.9	LR	10.2	—	—	—	—	F			

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	Type SPC	ARMI	Type S	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
17	28.580	8.0	R1		1.2	2.1		2.7			6.0	LR	NBC	—	—	—	—	P			NO BASE CHECK
18	28.580	2.0	IR			0.6				0.6	LR	NBC	—	—	—	—	F			NO BASE CHECK Distance is measured from the RIGHT	
19	29.763	2.0	R1	X	0.7	5.1				5.8	LR	17.2	—	—	—	—	F				
20	29.763	4.5	IR			1.4				1.4	LR	11.4	—	—	—	—	F				Distance is measured from the RIGHT
21	29.785	9.0	L1	X	0.9	5.1				6.0	LR	14.5	—	—	—	—	P				
22	29.785	3.5	IL			1.7				1.7	LR	7.8	—	—	—	—	F				
23	28.070	3.0	L1	X	0.7	2.0		3.8		6.5	LR	NBC	—	—	—	—	P				NO BASE CHECK Distance is measured from the RIGHT
24	28.070	2.0	IL			2.9				2.9	LR	NBC	—	—	—	—	F				NO BASE CHECK
25	27.340	8.5	L1	X	1.1	1.9		2.5		5.5	LR	13.2	—	—	—	—	P				
26	27.340	4.0	IL			2.0				2.0	LR	10.3	—	—	—	—	F				Distance is measured from the RIGHT
27	710	12.0	RAMP		0.6			1.7	3.1	5.4	LR	10.0	—	—	—	—	F				Ramp 61
28	710	2.0	OR			2.6				2.6	SAHM	10.7	—	—	—	—	F				Ramp 61 ; SAHM with Shell Base consists of SAHM and 2" of LR, Base value depicts SAHM thickness
29	260	11.0	RAMP		0.8			2.2	2.2	5.2	LR	12.6	—	—	—	—	P				Ramp 34
30	260	2.5	OR			1.8				1.8	SAHM	7.5	—	—	—	—	F				Ramp 34 SAHM with Shell
31	370	12.0	RAMP		0.9			2.8	0.9	4.6	LR	12.3	—	—	—	—	P				Ramp 70
32	370	2.0	OR			1.4				1.4	SAHM	9.6	0.4	R	I	L	P				Ramp 70 ; SAHM with Shell Base consists of SAHM and 2" of LR, Base value depicts SAHM thickness

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					FC-5	FC-12.5	Type SPC	ARMI	Type S	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent	
33	725	11.0	RAMP		1.9		1.0		0.8	1.3	5.0	LR	12.5	—	—	—	—	P			Ramp 37	
34	725	2.0	OR				2.7				2.7	SAHM	6.3	B	ST	I	S	P			Ramp 37 SAHM with Shell	
35	1225	12.0	RRTL		0.3		0.9		2.8	2.8	6.8	LR	11.1	B	ST	III	S	P			Ramp 37 Sample fractured while coring	
36	1315	3.0	RLTL-1	X		0.6	1.4	2.4			4.4	LR	11.9	—	—	—	—	G			Ramp 37	
37	625	11.0	RAMP		0.7		1.0		1.0	2.1	4.8	LR	12.1	—	—	—	—	P			Ramp 39	
38	625	2.5	OR				1.4				1.4	SAHM	5.2	—	—	—	—	P			Ramp 39 SAHM with Shell	
39	410	12.0	RAMP		1.2		1.2			1.8	4.2	LR	10.8	—	—	—	—	P			Ramp 40	
40	410	2.5	OR				1.2		1.3		2.5	SAHM	6.3	—	—	—	—	F			Ramp 40 SAHM with Shell	
41	600	12.0	RAMP		0.6		1.4			2.6	4.6	LR	13.3	—	—	—	—	P			Ramp 36	
42	600	2.0	OR				1.9				1.9	SAHM	6.9	—	—	—	—	F			Ramp 36 SAHM with Shell	
43	390	13.0	RAMP		0.7		1.3		1.0	2.3	5.3	LR	9.7	—	—	—	—	P			Ramp 53	
44	390	2.0	OR				1.4		2.2		3.6	LR	11.4	—	—	—	—	F			Ramp 53	
45	275	12.0	RAMP		0.8		1.1		10.8		12.7	LR	5.8	—	—	—	—	P			Ramp 65	
46	275	2.0	OR				1.5		12.2		13.7	LR	4.8	—	—	—	—	F			Ramp 65	
47																						
48																						

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