

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

Project No.: 432453-1					Cored By: Elipsis Engineering and Consulting					Date: 3/10/14-3/11/14					Page No.: MASTER						
County: Orange					Highway Sect. No: 75280					From: SR 528					To: West of SR 435						
Road No.: SR 400					Begin MP: 6.018					End MP: 9.235					Length: 3.217						
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	Type S	FC-2	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class				

1	7.993	2.0	L1	X	0.8	1.5			2.5			4.8	LR	12.7	—	—	—	—	F			
2	7.993	6.0	IL			1.5						1.5	LR	—	—	—	—	—	F			
3	7.394	9.0	L1	X	0.9	1.8			1.8	4.5	2.3	11.3	LR	—	—	—	—	—	F			
4	7.394	7.5	IL			1.1	0.8	0.6	1.4			3.9	LR	6.4	—	—	—	—	F			Core Fractured During Extraction/Overlaid FC-2
5	7.069	2.5	L1	X	0.8	1.1			2.8	2.9	2.1	9.7	LR	10.2	—	—	—	—	F			
6	7.069	7.0	IL			1.0	0.5	0.6	1.0			3.1	LR	—	—	—	—	—	F			Overlaid FC-2
7	6.501	3.0	L1	X	0.6	1.4			2.2	1.7	1.9	7.8	LR	—	B	ST	I	L	F			Core Fractured During Extraction
8	6.501	3.5	IL			1.0			1.1			2.1	LR	4.9	B	SL	I	S	F			
9	6.392	3.0	R1	X	0.8	1.0			1.5	3.8	2.2	9.3	LR	9.7	B	ST	II	M	F			Core Fractured During Extraction
10	6.392	5.0	IR			1.2			1.5			2.7	LR	—	—	—	—	—	F			
11	6.943	9.0	R1	X	0.8	1.2			2.0	3.2	1.9	9.1	LR	—	—	—	—	—	F			
12	6.943	5.0	IR			1.0	1.3	0.4	1.3			4.0	LR	7.8	—	—	—	—	F			Overlaid FC-2
13	7.394	2.0	R1	X	0.8	1.2			2.0	3.1	2.2	9.3	LR	9.2	—	—	—	—	F			High voids in Type SP layer
14	7.394	4.5	IR			1.0	1.2	0.7	1.5			4.4	LR	—	—	—	—	—	F			Overlaid FC-2
15	7.794	9.0	R1	X	0.7	1.3			2.0	3.4	1.8	9.2	LR	—	—	—	—	—	F			
16	7.794	5.0	IR			1.2		0.3	1.4			2.9	LR	7.0	—	—	—	—	F			Overlaid FC-2
17	8.393	2.0	R1	X	0.3	1.2			2.4			3.9	LR	15.6	—	—	—	—	G			Repair/Patch Area
18	8.393	7.0	IR			0.8						0.8	LR	—	—	—	—	—	F			
19	8.943	3.0	R1	X				0.4	5.6			6.0	LR	—	—	—	—	—	F			Old FC-2 Location
20	8.943	3.0	IR			1.5						1.5	LR	7.5	B	SL	II	S	F			
21	6.269	10.0	R3	X	1.0	2.0			4.1			7.1	LR	7.9	—	—	—	—	F			
22	6.269	6.0	OR			2.5			1.2			3.7	LR	—	—	—	—	—	F			
23	6.667	2.5	R4	X	0.8	4.5						5.3	LR	9.7	—	—	—	—	F			Odd Core. Highly segregated towards fine. High air voids.
24	6.667	4.0	OR			1.3			2.4			3.7	ABC	10.5	—	—	—	—	F			ABC in 3 inch lifts
25	7.230	10.0	R4	X	0.7	4.4						5.1	LR	9.9	—	—	—	—	F			Odd Core. Highly segregated towards fine.
26	7.230	5.0	OR			3.0						3.0	LR	—	0.6	SL	II	M	F			
27	8.118	2.0	R3	X	0.9	1.3			4.1			6.3	LR	—	—	—	—	—	F			
28	8.118	5.0	OR			1.2			2.3			3.5	ABC	11.8	—	—	—	—	F			ABC in 3 inch lifts
29	8.142	10.5	L4		1.3	0.7			4.0			6.0	LR	12.5	—	—	—	—	F			
30	8.142	6.0	OL			1.3			3.0			4.3	LR	12.2	—	—	—	—	F			
31	7.593	2.0	L4	X	1.1	1.4			1.8			4.3	LR	—	—	—	—	—	F			
32	7.593	4.0	OL			1.3						1.3	LR	1.2	—	—	—	—	F			
33	6.750	9.5	L4	X	0.8	1.4			2.0			4.2	LR	10.3	—	—	—	—	F			
34	6.750	5.0	OL			3.3						3.3	LR	3.7	—	—	—	—	F			Pavement Rippling
35	6.119	2.5	L3	X	0.9	1.5			7.1			9.5	LR	9.5	—	—	—	—	F			
36	6.119	4.0	OL			1.2			3.6			4.8	LR	—	—	—	—	—	F			
37	7.064	8.0	R3	X	1.0	1.3			2.8			5.1	LR	—	B	Br	III	S	P			Severe Cracking in the Immediate Area
38	7.230	8.0	R3	X	0.9	1.3			1.8			4.0	LR	—	B	A	III	S	P			Severe Cracking in the Immediate Area
39	8.443	9.0	R3	X	0.8	1.0			2.7			4.5	LR	13.6	—	—	—	—	F			
40	8.443	3.0	OR			0.8						0.8	LR	—	—	—	—	—	F			
41	8.692	2.5	R4	X	0.7	1.3			2.7			4.7	LR	13.8	—	—	—	—	G			Core Location moved out R4/R5 Merge
42	8.692	4.0	OR			1.1						1.1	LR	5.4	—	—	—	—	F			Core Location moved out R4/R5 Merge
43	9.142	10.0	R4	X	0.7	1.7						2.4	ABC	15.1	—	—	—	—	F			ABC in 3 inch lifts
44	9.142	3.0	OR			1.4						1.4	ABC	11.1	—	—	—	—	F			ABC in 3 inch lifts

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					FC-5	SP-9.5	Type S	FC-2	Type S	Type I	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent						
45	528' from Gore	12.0	Ramp	X	0.8	1.2				2.3			4.3	LR	10.2	—	—	—	—	F			Ramp 200 I-4 WB to SR 528 EB
46	528' from Gore	4.0	Shoulder			1.8							1.8	LR	3.5	—	—	—	—	F			Ramp 200 I-4 WB to SR 528 EB
47	264' from Gore	10.0	Ramp	X	0.8	1.0				3.4			5.2	LR	10.8	—	—	—	—	G			Ramp 201 SR 528 WB to I-4 WB
48	264' from Gore	4.0	Shoulder			0.9							0.9	LR	4.6	—	—	—	—	G			Ramp 201 SR 528 WB to I-4 WB
49	528' from Gore	15.0	Ramp	X	0.8	0.9				1.3			3.0	LR	4.0	—	—	—	—	G			Ramp 114 SR 528 WB to I-4 EB
50	528' from Gore	2.5	Shoulder			1.1				1.0			2.1	LR	3.9	—	—	—	—	G			Ramp 114 SR 528 WB to I-4 EB
51	300' from Gore	13.0	Ramp	X	1.5					3.5			5.0	LR	13.5	—	—	—	—	F			Ramp 86 I-4 EB to SR 482
52	300' from Gore	2.5	Shoulder							3.0			3.0	LR	6.0	—	—	—	—	F			Ramp 86 I-4 EB to SR 483
53	528' from Gore	10.5	Ramp	X	0.8	1.2				1.5			3.5	LR	13.0	—	—	—	—	G			Ramp 88 SR 482 EB to I-4 EB
54	528' from Gore	2.5	Shoulder							3.0			3.0	LR	6.5	1.8	ST	II	M	F			Ramp 88 SR 482 EB to I-4 EB
D-1	8.250	5.5	L1										3.4	PCC	—	—	—	—	—	F			Asphalt Thickness = 3.4"
D-2	8.250	5.0	IL										4.5	PCC	—	—	—	—	—	F			Asphalt Thickness = 4.5"
D-3	8.250	5.5	R1										3.0	PCC	—	—	—	—	—	F			Asphalt Thickness = 3.0"
D-4	8.250	5.5	IR										3.0	PCC	—	—	—	—	—	F			Asphalt Thickness = 3.0"
D-5	8.250	6.0	R3										3.0	PCC	—	—	—	—	—	F			Asphalt Thickness = 3.0"
D-6	8.250	4.0	OR										3.3	PCC	—	—	—	—	—	F			Asphalt Thickness = 3.3"
D-7	8.250	5.5	L5										3.0	PCC	—	—	—	—	—	F			Asphalt Thickness = 3.0"
D-8	8.250	5.0	OL										2.5	PCC	—	—	—	—	—	F			Asphalt Thickness = 2.5"
D-9	N/A	11.0	Ramp	X									2.8	PCC	—	—	—	—	—	F			Ramp 200: I-4 WB to SR 528 EB Asphalt Thickness = 2.8"
D-10	N/A	5.0	Ramp										2.2	PCC	—	—	—	—	—	G			Ramp 201: SR 528 WB to I-4 WB Asphalt Thickness = 2.2"

Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 400

FIN: 432453-1

County: Orange

Core #	GPS Coordinates
1	28.446021 ° -81.474435 °
2	28.446021 ° -81.474433 °
3	28.437321 ° -81.474405 °
4	28.437321 ° -81.474405 °
5	28.432579 ° -81.47439 °
6	28.432579 ° -81.47439 °
7	28.424316 ° -81.47437 °
8	28.424316 ° -81.47437 °
9	28.422684 ° -81.474139 °
10	28.422684 ° -81.474142 °
11	28.430698 ° -81.474161 °
12	28.430698 ° -81.474161 °
13	28.437241 ° -81.47419 °
14	28.437242 ° -81.47419 °
15	28.443062 ° -81.474217 °
16	28.443078 ° -81.474221 °
17	28.451814 ° -81.474235 °
18	28.451816 ° -81.474236 °
19	28.459404 ° -81.472192 °
20	28.459406 ° -81.472192 °

Core #	GPS Coordinates
21	28.420922 ° -81.474041 °
22	28.420923 ° -81.474041 °
23	28.426722 ° -81.474018 °
24	28.426723 ° -81.474018 °
25	28.43489 ° -81.474027 °
26	28.43489 ° -81.474027 °
27	28.447777 ° -81.474103 °
28	28.447779 ° -81.474107 °
29	28.448176 ° -81.474564 °
30	28.448177 ° -81.474565 °
31	28.44048 ° -81.474562 °
32	28.44048 ° -81.474562 °
33	28.42824 ° -81.474533 °
34	28.42824 ° -81.474534 °
35	28.418929 ° -81.474458 °
36	28.418929 ° -81.474458 °
37	28.432457 ° -81.474072 °
38	28.43487 ° -81.474089 °
39	28.452542 ° -81.474145 °
40	28.452546 ° -81.474148 °

