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

Project No.: 430644-1	**Cored By:** Elipsis Engineering and Consulting	**Date:** 6/24/13-6/28/13	**Page No.:** 1 of 5
County: Orange	**Highway Sect. No: 75280**	**From:** East of SR 536	**To:** West of SR 528
Road No.: SR 400	**Begin MP:** 1.740	**End MP:** 6.018	**Length:** 4.278

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-9.5	SP-12.5	FC-2	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	2.540	9.0	L3	X	0.8		2.5		2.0			5.3	LR	N/A	—	—	—	—	F			
2	2.540	4.0	OL				2.6					2.6	LR	N/A	—	—	—	—	F			
3	2.013	9.0	L4	X	0.7		2.7		1.2			4.6	LR	9.2	2.2	SL	III	L	F			
4	2.013	6.0	OL				2.5		1.1			3.6	LR	6.4	—	—	—	—	F			
5	1.932	9.5	R4	X	1.0		4.7					5.7	LR	10.3	1.9	SL	II	M	F			
6	1.932	6.0	OR				1.9					1.9	LR	5.6	—	—	—	—	F			
7	600' From Gore	12.0	Ramp	X	0.7				4.6			5.3	LR	10.7	—	—	—	—	F			I-4 EB to SR 535 WB, Ramp 80 RH Curve
8	600' From Gore	3.5	Shoulder		0.9				2.1			3.0	LR	9.0	—	—	—	—	F			I-4 EB to SR 535 WB, Ramp 80 RH Curve, Core Fractured During Extraction
9	700' From Gore	13.0	Ramp	X	0.8				3.5			4.3	LR	15.7	—	—	—	—	F			SR 535 WB to I-4 EB, Ramp 82
10	700' From Gore	1.5	Shoulder		0.9				1.3			2.2	LR	6.6	—	—	—	—	F			SR 535 WB to I-4 EB, Ramp 82
11	750' From Gore	13.0	Ramp	X	0.7				2.4			3.1	SC	9.9	—	—	—	—	F			I-4 EB to Cent. FL Parkway EB, Ramp 22
12	750' From Gore	2.0	Shoulder		1.0				1.8			2.8	SC	8.7	—	—	—	—	F			I-4 EB to Cent. FL Parkway EB, Ramp 22
13	528' From Gore	12.0	Ramp	X	0.4				2.4			2.8	SC	10.0	B	Bl	II	S	P			Cent. FL Parkway EB to I-4 WB, Ramp 21
14	528' From Gore	2.5	Shoulder						1.5			1.5	SC	2.8	B	ST	II	S	P			Cent. FL Parkway EB to I-4 WB, Ramp 21
15	528' From Gore	10.0	Ramp	X	0.7				4.5			5.2	LR	14.8	—	—	—	—	F			I-4 WB to SR 535 EB, Ramp 81
16	528' From Gore	5.5	Shoulder						2.2			2.2	LR	5.3	—	—	—	—	F			I-4 WB to SR 535 EB, Ramp 81

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement

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County: Orange	**Highway Sect. No: 75280**	**From:** East of SR 536	**To:** West of SR 528
Road No.: SR 400	**Begin MP:** 1.740	**End MP:** 6.018	**Length:** 4.278

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-9.5	SP-12.5	FC-2	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
17	1056' From Gore	13.0	Ramp	X	1.0				5.1			6.1	LR	14.2	—	—	—	—	F			SR 535 EB to I-4 WB, Ramp 79
18	1056' From Gore	6.0	Shoulder						1.7			1.7	LR	7.3	—	—	—	—	F			SR 535 EB to I-4 WB, Ramp 79
19	1028' From Gore	13.0	Ramp	X		1.0			2.6			3.6	SC	10.7	—	—	—	—	F			Cent. FL Parkway WB to I-4 WB, Ramp 20
20	1028' From Gore	2.0	Shoulder			1.1			2.7			3.8	SC	9.2	—	—	—	—	F			Cent. FL Parkway WB to I-4 WB, Ramp 20
21	528' From Gore	13.0	Ramp	X	0.8				4.3			5.1	LR	13.9	—	—	—	—	F			SR 535 WB to I-4 EB, Ramp 19
22	528' From Gore	3.5	Shoulder		1.3				2.6			3.9	LR	6.1	—	—	—	—	F			SR 535 WB to I-4 EB, Ramp 19
23	2.239	9.5	R3	X	0.8		2.5		4.6			7.9	LR	11.4	—	—	—	—	F			
24	2.239	6.0	OR				2.2					2.2	LR	10.8	—	—	—	—	F			
25	2.541	3.5	R4	X	0.6		1.4		3.5			5.5	LR	14.5	—	—	—	—	F			3.3 inches of Marshall S-II
26	2.190	2.0	L1	X	0.8		3.2	0.5	1.5	5.0	1.8	12.8	LR	N/A	—	—	—	—	F			Core Fractured During Extraction/Overlaid FC-2 at 4 inches down on core
27	2.190	4.0	IL				3.0	0.4	1.1			4.5	LR	7.0	—	—	—	—	F			Overlaid FC-2
28	2.290	6.5	R1		0.8		2.7		2.0	4.3	1.3	11.1	LR	13.4	—	—	—	—	F			
29	2.290	2.0	IR				1.8		2.1			3.9	LR	N/A	—	—	—	—	F			Voids in top lift
30	2.740	3.0	R1	X	0.6		2.0		3.3			5.9	LR	N/A	—	—	—	—	F			
31	2.740	6.0	IR				3.2					3.2	LR	8.6	—	—	—	—	F			
32	3.740	3.0	R1	X	0.8		1.2		2.0	4.0	1.5	9.5	LR	11.5	—	—	—	—	F			

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Road No.: SR 400	**Begin MP:** 1.740	**End MP:** 6.018	**Length:** 4.278

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-9.5	SP-12.5	FC-2	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
33	3.740	3.5	IR				1.0	0.5	1.5			3.0	LR	5.0	—	—	—	—	F			Overlaid FC-2
34	5.165	2.5	R1	X	1.0		1.0		2.0	3.9	2.0	9.9	LR	10.1	—	—	—	—	G			
35	5.165	5.0	IR				1.7					1.7	LR	9.3	—	—	—	—	F			
36	5.589	4.0	R1	X	0.9		1.6		1.0	3.3	1.8	8.6	LR	N/A	—	—	—	—	F			
37	5.589	5.0	IR				1.5		0.9			2.4	LR	N/A	—	—	—	—	F			
38	5.592	10.0	L4	X	0.6		4.1					4.7	LR	12.8	—	—	—	—	F			
39	5.592	5.0	OL				1.6					1.6	LR	N/A	—	—	—	—	F			
40	4.940	9.5	L4	X	0.9		2.3		2.5			5.7	LR	13.8	—	—	—	—	F			
41	4.940	5.5	OL				2.0					2.0	LR	9.5	—	—	—	—	F			
42	3.340	8.0	L4	X	0.8		1.7		3.1			5.6	LR	13.2	2.1	SL	I	M	F			
43	3.340	6.0	OL				1.2					1.2	LR	10.8	—	—	—	—	F			
44	2.140	9.5	L3	X	0.9		2.4		4.4			7.7	LR	11.6	—	—	—	—	F			
45	5.765	2.0	L1	X	0.9		1.6		2.0	3.7	2.0	10.2	LR	10.8	—	—	—	—	F			
46	5.765	6.5	IL				1.2		0.9			2.1	LR	8.4	—	—	—	—	F			
47	5.365	2.5	L1	X	1.1		1.9		1.0	4.1	2.0	10.1	LR	9.9	—	—	—	—	F			
48	5.365	7.5	IL				1.5	0.3	1.2			3.0	LR	N/A	—	—	—	—	F			Overlaid FC-2

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					FC-5	FC-9.5	SP-12.5	FC-2	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
49	3.740	2.5	L1	X	0.8		2.0		1.2	3.6	2.0	9.6	LR	12.4	—	—	—	—	F			
50	3.740	7.0	IL				2.0					2.0	LR	7.8	—	—	—	—	F			
51	2.740	2.0	L1	X	0.7		4.9					5.6	LR	16.4	—	—	—	—	F			
52	2.740	7.0	IL				2.5					2.5	LR	5.5	—	—	—	—	F			
53	2.739	5.0	R4		0.7		3.4		1.8			5.9	LR	14.1	—	—	—	—	F			
54	2.739	10.0	OR				5.0					5.0	LR	N/A	—	—	—	—	F			
55	3.516	9.0	R4	X	0.7		4.5					5.2	LR	12.3	—	—	—	—	F			
56	3.516	6.0	OR				1.3					1.3	LR	9.0	—	—	—	—	F			
57	4.792	8.5	R4	X	0.6		5.7					6.3	LR	12.0	—	—	—	—	F			
58	4.792	5.5	OR				1.9					1.9	LR	6.4	—	—	—	—	F			
59	5.389	9.5	R4	X	0.9		4.2					5.1	LR	13.4	1.1	SL	I	L	F			
60	5.389	5.0	OR				2.5					2.5	LR	9.5	—	—	—	—	F			Voids in core
61	5.365	9.0	L3	X	1.0		2.5		3.1			6.6	LR	11.9	—	—	—	—	F			
62	3.665	9.0	L3	X	0.8		1.5		4.2			6.5	LR	10.3	—	—	—	—	F			
63	2.741	10.0	L3	X	0.9		1.5		2.7			5.1	LR	13.9	—	—	—	—	F			
64	3.342	4.0	R3	X	0.9		1.1		4.8			6.8	LR	12.2	B	ST	I	L	F			Core Fractured During Extraction

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					FC-5	FC-9.5	SP-12.5	FC-2	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
65	5.716	9.0	R3	X	0.7		2.3		5.1			8.1	LR	10.9	—	—	—	—	F			
66																						
67																						
68																						
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71																						
72																						
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Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 400 FIN: 430644-1 County: Orange

Core #	GPS Coordinates
1	28.376788 ° -81.505538 °
2	28.376784 ° -81.505537 °
3	28.369083 ° -81.512503 °
4	28.369084 ° -81.512502 °
5	28.369262 ° -81.51175 °
6	28.369266 ° -81.511751 °
7	28.373115 ° -81.50759 °
8	28.373115 ° -81.50759 °
9	28.378328 ° -81.503217 °
10	28.378328 ° -81.503218 °
11	28.407661 ° -81.476877 °
12	28.407661 ° -81.476877 °
13	28.409362 ° -81.477045 °
14	28.409361 ° -81.477045 °
15	28.379272 ° -81.50381 °
16	28.379272 ° -81.50381 °
17	28.374168 ° -81.506541 °
18	28.374168 ° -81.506541 °
19	28.405304 ° -81.480326 °
20	28.405304 ° -81.480326 °

Core #	GPS Coordinates
21	28.405304 ° -81.480326 °
22	28.405304 ° -81.480326 °
23	28.37672 ° -81.505923 °
24	28.37672 ° -81.505923 °
25	28.376214 ° -81.505506 °
26	28.372804 ° -81.508943 °
27	28.372804 ° -81.508943 °
28	28.373513 ° -81.508086 °
29	28.373512 ° -81.508086 °
30	28.378635 ° -81.503478 °
31	28.378635 ° -81.503482 °
32	28.390258 ° -81.493081 °
33	28.390258 ° -81.493081 °
34	28.406496 ° -81.478499 °
35	28.406487 ° -81.478497 °
36	28.411582 ° -81.474611 °
37	28.411575 ° -81.474609 °
38	28.411348 ° -81.475067 °
39	28.411348 ° -81.475067 °
40	28.403751 ° -81.48134 °

Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 400 FIN: 430644-1 County: Orange

Core #	GPS Coordinates
41	28.403745 ° -81.481334 °
42	28.385917 ° -81.497355 °
43	28.385915 ° -81.497354 °
44	28.372158 ° -81.509666 °
45	28.413707 ° -81.474336 °
46	28.413707 ° -81.474336 °
47	28.408549 ° -81.476939 °
48	28.408549 ° -81.47694 °
49	28.390048 ° -81.493524 °
50	28.390049 ° -81.493524 °
51	28.378667 ° -81.503747 °
52	28.37867 ° -81.503748 °
53	28.378467 ° -81.503478 °
54	28.378466 ° -81.503478 °
55	28.387312 ° -81.495557 °
56	28.387312 ° -81.495557 °
57	28.401849 ° -81.482514 °
58	28.401847 ° -81.482509 °
59	28.408646 ° -81.476438 °
60	28.408644 ° -81.476437 °

Core #	GPS Coordinates
61	28.408574 ° -81.477027 °
62	28.389212 ° -81.494372 °
63	28.378708 ° -81.503801 °
64	28.385352 ° -81.497374 °
65	28.412859 ° -81.47416 °
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