

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

Project No.: 437543-1 **Cored By:** Elipsis Engineering and Consulting **Date:** 5/9 - 5/10/18 **Page No.:** 1 of 6

County: Osceola **Highway Sect. No:** 92060 **From:** North of Tyson Creek Bridge **To:** SR 500 (US 192)

Road No.: SR 15 (US 441) **Begin MP:** 23.081 **End MP:** 38.033 **Length:** 14.952

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-6	FC-5	Type S/SP	Type I	Type II	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	37.804	2.5	L1	X		0.8	8.5	0.7		0.6	10.6	LR	N/A	—	—	—	—	F			
2	37.678	3.0	L1	X	1.6		4.9	0.7	0.1	0.7	8.0	LR	4.5	1.9	Br	I	S	P			Rippling
3	37.678	2.0	OL		1.9		1.7				3.6	LR	10.2	—	—	—	—	F			
4	37.108	11.0	LRTL		2.3		1.9				4.2	LR	12.8	—	—	—	—	F			To Community Center Road/Take Core on OWP
5	37.108	2.0	OL		2.2		2.3				4.5	LR	12.5	—	—	—	—	F			To Community Center Road
6	36.866	8.5	L1	X	1.7		2.2	1.6		0.8	6.3	LR	6.3	1.4	Br	I	L	P			
7	36.866	2.0	OL		1.8		2.3				4.1	LR	3.7	0.3	SL	I	L	P			
8	36.528	8.0	L1	X	1.8		2.1	2.4		0.7	7.0	LR	9.0	1.4	Br	II	S	P			Targeted Core for Crack/Pull Limerock Sample
9	35.277	6.0	L1		1.3		2.3	1.3		0.6	5.5	LR	5.5	0.2	Br	II	M	P			
10	35.277	2.0	OL		1.0		1.7				2.7	LR	4.6	—	—	—	—	F			
11	34.144	5.5	L1		1.2		2.0	1.7		0.5	5.4	LR	6.9	2.0	Br	III	S	P			Targeted Core for Crack
12	34.144	2.0	OL		0.4		4.9				5.3	LR	4.3	B	Br	II	S	P			Core broke during extraction
13	33.849	2.0	L1		1.3		1.7	1.5		0.4	4.9	LR	6.6	0.4	Br	II	S	P			
14	33.849	2.0	OL		0.9		1.1				2.0	LR	4.5	0.3	Br	I	L	F			
15	33.531	6.0	L1		1.7		2.7				4.4	LR	4.4	0.4	SL	II	M	P			
16	33.531	2.0	OL		1.8		1.7				3.5	LR	4.8	—	—	—	—	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
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Road No.: SR 15 (US 441)	Begin MP: 23.081	End MP: 38.033	Length: 14.952

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-6	FC-5	Type S/SP	Type I	Type II	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
17	33.212	6.5	L1		1.8		2.0	1.3		0.9	6.0	LR	5.9	1.8	SL	III	L	P			Targeted Core for Crack, 0.6" Crack at the bottom of Core FC-6 is highly segregated
18-1	32.383	10.0	L1	X	1.0		2.5		1.1		4.6	SBRM w/Shell	4.7	2.1	Br	III	S	P			Targeted Core for Crack, Severe OWP Rutting, R1 Side
18-2	32.383	10.0	L1	X	1.1		0.9				2.0	LR	9.5	2.1	Br	III	S	P			Targeted Core for Crack, Severe OWP Rutting, OL Side
18B	32.383	4.5	L1		1.4		2.4	1.4		0.5	5.7	LR	7.8	2.5	Br	III	S	P			Targeted Core for Crack, Extra core taken
19	32.383	1.0	OL		1.0		1.0				2.0	LR	10.0	B	SL	III	S	P			Targeted Core for Crack/Pull Limerock Sample
20	31.481	8.0	L1	X	1.4		2.6	1.1		0.7	5.8	LR	N/A	0.4	Br	I	L	F			
21	31.481	2.0	OL		0.8		0.9				1.7	LR	12.8	-	-	-	-	F			
22	31.190	2.0	L1	X	1.5		3.5	1.5		0.6	7.1	LR	N/A	1.4	SL	II	S	P			
23	31.190	2.0	LRTL	X	1.6		3.3				4.9	COQ	14.9	1.8	SL	II	S	P			To Omni Way/J.E.D. Landfill
24	31.190	2.5	OL		1.1		1.6				2.7	COQ	3.8	-	-	-	-	F			To Omni Way/J.E.D. Landfill
25	30.516	3.5	L1	X	1.3		1.4	1.7		0.7	5.1	LR	5.2	B	SL	II	M	P			
26	30.516	2.0	OL		0.8		1.3				2.1	LR	11.4	-	-	-	-	F			
27	30.030	7.5	L1		1.6		2.4	2.1		0.7	6.8	LR	N/A	2.2	SL	III	M	P			Targeted Core for Crack, 2.5" Crack at bottom of core
28	30.030	2.5	OL		1.4		1.4				2.8	LR	9.2	-	-	-	-	F			
29	29.633	4.0	L1	X	1.2		3.0				4.2	LR	N/A	1.9	ST	II	S	P			
30	29.633	2.0	OL		1.1		1.0				2.1	LR	12.4	-	-	-	-	F			

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Project No.: 437543-1 **Cored By:** Elipsis Engineering and Consulting **Date:** 5/9 - 5/10/18 **Page No.:** 3 of 6

County: Osceola **Highway Sect. No:** 92060 **From:** North of Tyson Creek Bridge **To:** SR 500 (US 192)

Road No.: SR 15 (US 441) **Begin MP:** 23.081 **End MP:** 38.033 **Length:** 14.952

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-6	FC-5	Type S/SP	Type I	Type II	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
31	29.391	6.0	L1		1.4		3.3				4.7	LR	10.7	0.5	SL	II	S	P				Limerock and subgrade Sample
32	29.391	2.5	OL		1.1		0.9				2.0	LR	11.0	—	—	—	—	F				
33	28.492	5.0	L1		1.3		2.0	0.7		0.5	4.5	LR	N/A	0.3	SL	I	L	F				
34	28.492	2.0	OL		1.0		0.8				1.8	LR	11.5	—	—	—	—	F				
35	27.953	2.5	L1	X	1.5		2.2	1.4		0.4	5.5	LR	5.0	1.8	Br	I	S	P				1.9" Crack at the bottom of the core
36	27.953	2.0	OL		1.4		1.3				2.7	LR	11.6	—	—	—	—	F				
37	26.333	7.5	L1		1.4		3.4	2.5		0.7	8.0	LR	10.0	1.4	ST	II	L	P				
38	26.333	2.0	OL		0.9		1.8				2.7	LR	11.8	—	—	—	—	F				
39	25.618	7.0	L1		1.4		3.6	4.0	5.1	1.2	15.3	LR	N/A	14.3	SL	III	S	P				
40	25.618	2.0	OL		1.1		1.4				2.5	LR	10.0	—	—	—	—	F				
41	24.742	8.0	L1	X	1.3		2.2	2.1		0.2	5.8	LR	N/A	0.2	Br	I	M	P				2.6" Crack at the bottom of core
42	24.742	2.0	OL		1.3		1.0				2.3	LR	10.0	—	—	—	—	F				
43	23.581	7.0	L1		1.4		2.3	1.8		0.5	6.0	LR	5.7	0.9	Br	I	L	P				
44	23.581	2.5	OL		1.3		0.8				2.1	LR	12.1	—	—	—	—	F				
45	23.984	7.0	R1		1.7		1.9	2.1	0.6	0.5	6.8	LR	N/A	0.2	SL	II	M	F				Type II layer over Type I layer.
46	23.984	3.0	OR		1.2		1.3				2.5	LR	13.0	—	—	—	—	F				

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					FC-6	FC-5	Type S/SP	Type I	Type II	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
47	24.375	8.0	R1	X	1.7		2.0	2.6	0.5	0.7	7.5	LR	5.6	-	-	-	-	F			Type II layer over Type I layer.
48	24.375	2.0	OR		1.3		1.2				2.5	LR	10.5	-	-	-	-	F			
49	25.033	8.5	R1	X	1.4		1.9	2.0	0.7	1.2	7.2	LR	5.8	2.0	Al	II	S	P			Targeted Core for Crack/ Limerock Sample, 4" Crack at the bottom of core, LR Pumping, Severe OWP Rutting/Type II layer over Type I layer
50	25.460	6.5	R1		1.3		2.2	1.2	0.6	0.9	6.2	LR	N/A	2.2	Br	II	M	P			Type II layer over Type I layer.
51	25.460	2.0	OR		1.1		1.0				2.1	LR	9.9	-	-	-	-	F			
52	26.772	5.0	R1		1.0		2.0	1.5	1.0	0.5	6.0	LR	6.2	1.9	Br	II	M	P			Core fractured during extraction/Type II layer over Type I layer
53	26.772	2.0	OR		0.7		0.8				1.5	LR	11.4	-	-	-	-	F			
54	27.759	4.0	R1	X	1.5		2.0	0.9	2.0	0.6	7.0	LR	N/A	1.3	ST	I	L	P			Type II layer over Type I layer.
55	27.759	2.0	OR		0.9		0.8				1.7	LR	11.3	-	-	-	-	F			
56	28.559	7.5	R1		1.1		2.3	2.1		0.7	6.2	LR	5.2	1.3	SL	II	L	P			
57	28.559	2.0	OR		1.1		1.4				2.5	LR	11.7	-	-	-	-	F			
58	29.195	8.0	R1	X	1.4		2.6	1.4			5.4	LR	N/A	0.2	SL	II	L	F			
59	29.195	2.5	OR		1.0		1.1				2.1	LR	12.6	-	-	-	-	F			1.5" Crack at the bottom of Core
60	29.646	7.0	R1		1.5		2.9				4.4	LR	10.9	2.3	Br	II	M	P			
61	29.646	2.0	OR		0.9		0.8				1.7	LR	11.8	-	-	-	-	F			
62	30.604	3.0	R1	X	1.5		2.0	1.8		0.6	5.9	LR	N/A	1.8	Br	II	L	P			

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					FC-6	FC-5	Type S/SP	Type I	Type II	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
63	30.604	2.0	OR		1.0		0.9				1.9	LR	12.1	—	—	—	—	F				
64	31.114	8.5	RLTL	X	1.4		3.3			1.0	5.7	LR	5.8	2.1	SL	I	M	P				To Omni Way/J.E.D. Landfill Crown, Positive slopes to R1 & Negative slopes to L1
65	31.114	7.0	R1		1.9		2.3				4.2	LR	12.3	1.1	SL	II	M	P				FC-6 high voids and highly segregated.
66	31.114	1.5	OR		1.1		0.9				2.0	LR	10.0	0.8	SL	I	L	P				
67	31.634	7.0	R1		1.3		2.0	2.2		0.5	6.0	LR	N/A	2.3	Br	II	M	P				
68	31.634	2.0	OR		0.9		0.9				1.8	LR	11.2	—	—	—	—	F				
69	32.434	8.0	R1	X	1.3		1.9	3.1	0.2	0.6	7.1	LR	N/A	2.1	Br	III	S	P				Type II layer over Type I layer.
70	32.434	1.5	OR		0.8		1.0				1.8	LR	13.7	—	—	—	—	F				
71	33.450	6.0	R1		1.6		2.3			0.7	4.6	LR	7.4	0.1	ST	I	L	P				
72	33.450	2.0	OR		2.1		2.6				4.7	LR	4.3	0.3	SL	I	L	P				
73	33.849	3.0	R1	X	1.5		2.0	1.0	0.2	0.6	5.3	LR	N/A	0.2	Br	I	M	F				Type II layer over Type I layer.
74	33.849	2.5	OR		2.0		2.3				4.3	LR	3.7	1.1	Br	I	M	P				
75	34.689	6.5	R1		1.3		1.9	1.2		0.7	5.1	LR	6.9	0.3	Br	I	S	P				
76	34.689	2.5	OR		1.5		2.2				3.7	LR	3.8	0.2	SL	I	L	P				
77	35.581	4.5	R1		1.4		2.7	0.9		0.7	5.7	LR	N/A	0.2	ST	I	L	F				
78	35.581	2.5	OR		2.1		1.7				3.8	LR	5.2	0.5	SL	I	L	F				

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					FC-6	FC-5	Type S/SP	Type I	Type II	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent						
79	36.650	6.5	R1		1.5		2.5	1.6		0.4	6.0	LR	6.0	0.2	Br	I	L	F			2.2" Crack at the bottom of core		
80	36.650	2.0	OR		1.9		1.3				3.2	LR	4.3	—	—	—	—	F					
81	37.464	3.0	R1	X	1.7		2.1	1.5		0.4	5.7	LR	N/A	0.3	SL	I	L	F					
82	37.464	2.5	OR		1.8		2.2				4.0	LR	4.0	0.6	SL	I	L	F					
83	37.804	9.0	R1	X		0.9	6.4	1.7		0.7	9.7	LR	6.8	—	—	—	—	F					
84	37.990	3.0	RLTL	X		1.1	5.5				6.6	LR	11.7	—	—	—	—	F			To US 192, Crown Positive slopes to R1 & Negative slopes to L1		
85																							
86																							
87																							
88																							
89																							
90																							
91																							
92																							
93																							
94																							

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Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 15 (US 441)

FPN 437543-1

County: Osceola

Core #	GPS Coordinates
1	28.141533 ° -81.076324 °
2	28.139704 ° -81.076284 °
3	28.139705 ° -81.076283 °
4	28.131403 ° -81.07633 °
5	28.131403 ° -81.07633 °
6	28.127897 ° -81.07625 °
7	28.127897 ° -81.07625 °
8	28.123004 ° -81.07625 °
9	28.104825 ° -81.076227 °
10	28.104824 ° -81.076224 °
11	28.088804 ° -81.072978 °
12	28.088804 ° -81.072978 °
13	28.084665 ° -81.071773 °
14	28.084664 ° -81.071772 °
15	28.080239 ° -81.070491 °
16	28.080239 ° -81.070491 °
17	28.075742 ° -81.069188 °
18	28.065069 ° -81.063069 °
19	28.065069 ° -81.063069 °
20	28.053659 ° -81.055534 °

Core #	GPS Coordinates
21	28.053659 ° -81.055534 °
22	28.050005 ° -81.05316 °
23	28.050005 ° -81.05316 °
24	28.050005 ° -81.05316 °
25	28.041549 ° -81.047542 °
26	28.041549 ° -81.047542 °
27	28.035462 ° -81.043534 °
28	28.035462 ° -81.043533 °
29	28.030491 ° -81.040254 °
30	28.030491 ° -81.040254 °
31	28.027451 ° -81.038231 °
32	28.027451 ° -81.03823 °
33	28.016278 ° -81.030891 °
34	28.016278 ° -81.030891 °
35	28.009513 ° -81.026431 °
36	28.009513 ° -81.026431 °
37	27.988179 ° -81.015287 °
38	27.988177 ° -81.015285 °
39	27.978449 ° -81.011169 °
40	27.978449 ° -81.011169 °

Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 15 (US 441)

FPN 437543-1

County: Osceola

Core #	GPS Coordinates
41	27.966517 ° -81.006138 °
42	27.966517 ° -81.00613 °
43	27.950847 ° -80.999484 °
44	27.950847 ° -80.999484 °
45	27.956378 ° -81.001651 °
46	27.956377 ° -81.001651 °
47	27.961536 ° -81.003992 °
48	27.961536 ° -81.003992 °
49	27.970536 ° -81.007813 °
50	27.97634 ° -81.010261 °
51	27.97634 ° -81.01026 °
52	27.994199 ° -81.017794 °
53	27.994201 ° -81.017796 °
54	28.007121 ° -81.024807 °
55	28.007121 ° -81.024807 °
56	28.017166 ° -81.031451 °
57	28.017167 ° -81.031451 °
58	28.025039 ° -81.036614 °
59	28.02504 ° -81.036614 °
60	28.030689 ° -81.040359 °

Core #	GPS Coordinates
61	28.030688 ° -81.04036 °
62	28.042717 ° -81.048285 °
63	28.042717 ° -81.048285 °
64	28.049077 ° -81.052484 °
65	28.049076 ° -81.052484 °
66	28.049075 ° -81.052485 °
67	28.055639 ° -81.056807 °
68	28.055639 ° -81.056807 °
69	28.065651 ° -81.063434 °
70	28.065651 ° -81.063434 °
71	28.079074 ° -81.070145 °
72	28.079076 ° -81.070147 °
73	28.08467 ° -81.071769 °
74	28.08467 ° -81.071769 °
75	28.096367 ° -81.075635 °
76	28.096367 ° -81.075632 °
77	28.109275 ° -81.07621 °
78	28.109275 ° -81.07621 °
79	28.124726 ° -81.076241 °
80	28.124726 ° -81.076241 °

