

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

Project No.: 433605-1	Cored By: Elipsis Engineering and Consulting	Date: July 7, 2015	Page No.: 1 of 3
County: Brevard	Highway Sect. No: 70011	From: Michigan Ave	To: Industry Rd
Road No.: SR 501	Begin MP: 2.235	End MP: 3.358	Length: 1.123

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-2	FC-9.5	Type S/SP	Type II	Surface Treat.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
1	2.340	9.0	R2	X		1.1	2.5				3.6	LR	9.4	-	-	-	-	F			
2	2.470	2.5	R2	X		1.4	3.3				4.7	LR	-	-	-	-	-	F			IWP
3	2.470	9.5	R2	X		2.0	3.6				5.6	LR	-	-	-	-	-	F			OWP
4	2.639	2.0	RRTL	X		1.6	3.5				5.1	LR	12.9	-	-	-	-	F			Entrance to Walmart Core fractured during extraction
5	2.690	2.5	R2	X		1.2	4.1				5.3	LR	-	-	-	-	-	F			IWP
6	2.690	9.5	R2	X		0.7	5.5				6.2	LR	11.8	-	-	-	-	F			OWP
7	2.800	8.5	RRTL	X		1.2	4.1				5.3	LR	11.7	-	-	-	-	F			Entrance to Walmart
8	2.919	2.5	R2	X		0.9	3.9				4.8	LR	16.7	-	-	-	-	F			Just Before R2 Starts to Merge Core fractured during Extraction
9	2.919	2.0	OR			0.6	3.7				4.3	LR	3.2	-	-	-	-	F			
10	3.189	9.5	RRTL	X	0.7		2.6				3.3	LR	7.7	-	-	-	-	F			To Post Office/Older Pavement
11	3.189	2.0	OR		0.6		2.3				2.9	LR	6.9	-	-	-	-	F			To Post Office/Older Pavement/Core Photo shows core upside down
12	3.260	2.5	L2	X		1.1	3.7				4.8	LR	16.2	-	-	-	-	F			
13	3.260	1.5	OL			1.4	2.3				3.7	LR	18.9	-	-	-	-	F			
14	2.921	11.0	LRTL			0.9	3.6				4.5	LR	9.5	-	-	-	-	F			To Gas Station; Some Rippling
15	2.921	3.0	OL			1.0	2.4				3.4	LR	6.1	-	-	-	-	F			To Gas Station
16	2.880	2.5	L1	X		1.3	8.0				9.3	LR	3.2	-	-	-	-	F			RH Curve; Core fractured during extraction

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; B1= 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-2	FC-9.5	Type S/SP	Type II	Surface Treat.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
17A	2.692	7.0	LRTL			1.0	3.5				4.5	LR	10.0	B	SL	II	S	F			To Otterbein Avenue; 17A = L1 Side
17B	2.692	7.0	LRTL			1.3	4.2				5.5	LR	12.0	B	SL	II	S	F			To Otterbein Avenue; 17B = OL Side
18	2.692	2.0	OL			1.1	4.4				5.5	LR	13.7	-	-	-	-	F			To Otterbein Avenue
19	2.340	20.5	LRTL			2.0	1.9				3.9	LR	11.1	-	-	-	-	F			Older Pavement
20	2.340	9.0	R1	X		0.8	2.2				3.0	LR	-	B	Br	I	M	F			
21	2.340	7.0	CTL			1.6	1.5				3.1	LR	-	-	-	-	-	F			Crown Positive Slope to R2 Negavtive Slope to L1
22	2.471	2.5	R1	X		0.9	5.4	2.3	0.7		9.3	SBRM	5.7	-	-	-	-	F			
23	2.560	3.0	LLTL	X		1.3		0.9	0.3		2.5	SBRM	7.5	B	ST	II	M	F			To Clear Lake Pines
24	2.595	1.5	CTL			1.0		1.4	0.9		3.3	SBRM	6.2	-	-	-	-	F			
25	2.691	2.0	R1	X		1.1	4.1				5.2	LR	15.8	-	-	-	-	F			
26	2.920	2.5	R1	X		1.0	3.0				4.0	LR	13.6	-	-	-	-	F			
27	3.189	3.0	R1	X	0.7		2.3				3.0	LR	7.0	B	ST	I	L	F			Older Pavement
28	3.320	3.0	R1	X	0.6		1.9				2.5	LR	8.5	-	-	-	-	F			Older Pavement
29	3.320	8.0	RLTL	X	0.5		2.2				2.7	LR	9.3	-	-	-	-	P			To Shopping Center
30A	3.260	3.0	L1	X		0.9	2.6				3.5	LR	9.0	B	SL	I	M	F			30A = LLTL Side
30B	3.260	3.0	L1	X		0.9	7.7				8.6	LR	3.9	B	SL	I	M	F			30B = L2 Side

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 SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack
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					FC-2	FC-9.5	Type S/SP	Type II	Surface Treat.	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
31	3.260	9.0	LLTL	X		0.8	1.3				2.1	LR	9.8	-	-	-	-	F			To Post Office
32	2.880	2.5	LLTL	X		1.3	8.2				9.5	LR	7.3	-	-	-	-	F			To Walmart; RH Curve
33	2.690	2.0	LLTL	X		1.2	3.8	1.1			6.1	LR	-	-	-	-	-	F			IWP
34	2.690	9.0	LLTL	X		1.1	3.8	1.0			5.9	LR	-	B	ST	III	M	F			OWP
35	2.340	2.5	L1	X		1.5	2.1				3.6	LR	17.4	-	-	-	-	F			Older Pavement
36	3.028	3.0	R1	X		1.0	1.0				2.0	LR	-	-	-	-	-	F			Crown; Positive Slopes to OR Negative Slopes to L1; IWP
37	3.028	10.5	R1			1.3	3.6				4.9	LR	11.1	-	-	-	-	F			Crown; Positive Slopes to OR Negative Slopes to L1; OWP
38	3.028	4.0	OR			0.8	3.4				4.2	LR	14.3	-	-	-	-	F			"Striped Out" Shoulder
39	3.028	2.0	L1	X		0.9	1.5				2.4	LR	-	-	-	-	-	F			IWP
40	3.028	9.5	L1	X		1.2	1.7				2.9	LR	9.1	-	-	-	-	F			OWP
41	3.028	5.0	OL			0.9	3.9				4.8	LR	14.2	-	-	-	-	F			"Striped Out" Shoulder
42	2.690	2.0	L1	X		1.3	3.6	0.9			5.8	LR	-	-	-	-	-	F			IWP
43	2.690	10.0	L1	X		1.1	2.9				4.0	LR	12.0	-	-	-	-	F			OWP
44	2.469	2.0	L1	X		0.7	1.6	0.9	0.3		3.5	SBRM	7.0	B	Br	I	S	P			IWP
45	2.469	8.5	L1	X		1.1	5.0				6.1	LR	9.9	B	Br	I	S	P			OWP

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Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 501

FIN: 433605-1

County: Brevard

Core #	GPS Coordinates
1	28.389787 ° -80.754965 °
2	28.391684 ° -80.754994 °
3	28.391685 ° -80.754998 °
4	28.394153 ° -80.754969 °
5	28.394779 ° -80.755019 °
6	28.394779 ° -80.755019 °
7	28.396375 ° -80.755038 °
8	28.397143 ° -80.756358 °
9	28.397143 ° -80.756358 °
10	28.397008 ° -80.760783 °
11	28.397008 ° -80.760783 °
12	28.396841 ° -80.761993 °
13	28.396837 ° -80.761995 °
14	28.397042 ° -80.756398 °
15	28.397039 ° -80.756396 °
16	28.397079 ° -80.755737 °
17	28.394796 ° -80.755147 °
18	28.394796 ° -80.755148 °
19	28.389772 ° -80.755124 °
20	28.389774 ° -80.755029 °

Core #	GPS Coordinates
21	28.389774 ° -80.755029 °
22	28.391665 ° -80.755043 °
23	28.392982 ° -80.755064 °
24	28.393483 ° -80.755047 °
25	28.394763 ° -80.755027 °
26	28.397115 ° -80.75636 °
27	28.397004 ° -80.760762 °
28	28.396943 ° -80.762949 °
29	28.396943 ° -80.762949 °
30	28.396891 ° -80.762018 °
31	28.39689 ° -80.76202 °
32	28.397102 ° -80.75576 °
33	28.394798 ° -80.755098 °
34	28.394798 ° -80.755098 °
35	28.389769 ° -80.755057 °
36	28.397096 ° -80.758144 °
37	28.397092 ° -80.758146 °
38	28.397092 ° -80.758146 °
39	28.397024 ° -80.758149 °
40	28.397024 ° -80.758149 °

