

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

Project No.: 407402-3	Cored By: Elipsis Engineering and Consulting	Date: 8/21/16 to 8/23/16	Page No.: 1 of 4
County: Brevard	Highway Sect. No: 70070	From: East of SR 524	To: East of SR 5
Road No.: SR 528	Begin MP: 4.749	End MP: 8.468	Length: 3.719

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-9.5	FC-5	Type SP	Type S	Type SSP	Type I	Binder Course	Type II w/ Shell	Other Str. Asphalt	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent
1	5.001	12.0	RAMP		0.6		1.3	1.6	2.9					3.5	COQ	14.1	-	-	-	-	G			To SR 528 EB from SR 524
2	5.001	2.5	OR		0.8		0.9	1.0	1.9					2.7	COQ	14.3	-	-	-	-	G			To SR 528 EB from SR 524
3	5.354	9.0	R2	X		0.9		3.2	3.2					4.1	COQ	9.9	B	Br	III	S	P			
4	5.354	4.0	OR				1.0	1.5					5.0	7.5	COQ	2.5	4.6	Br	II	M	F			COQ intrudes into cores from the West Side ; Core fractured during extraction
5	5.566	3.0	R2	X		0.8	2.2	0.8	3.0					3.8	COQ	N/A	-	-	-	-	G			
6	5.566	10.5	OR				1.1						5.4	6.5	COQ	N/A	B	ST	I	L	F			
7	7.068	10.0	R2	X		0.9		5.1						13.5	ABC	7.5	-	-	-	-	F			
8	7.068	6.5	OR					2.2	2.2					2.2	COQ	6.8	-	-	-	-	F			
9	7.269	3.0	R2	X		1.1	1.0	1.6	2.6					3.7	COQ	N/A	-	-	-	-	G			
10	7.269	4.5	OR				1.5		1.5					1.5	LR	N/A	-	-	-	-	G			
11	7.921	10.0	R3	X		0.8		2.8						11.6	ABC	8.0	-	-	-	-	G			
12	7.921	2.5	OR		0.9			1.1						3.7	ABC	1.7	-	-	-	-	G			
13	7.860	9.5	L3	X		0.5		4.5	4.5				0.0	5.0	COQ	8.0	-	-	-	-	F			
14	7.860	4.0	OL			0.5		4.6	4.6					5.1	COQ	N/A	-	-	-	-	F			
15	7.120	2.5	L2	X		1.0		3.0	3.0		1.8	1.1	2.9	6.9	LR	7.1	-	-	-	-	F			Core fractured during extraction
16	7.120	5.5	OL					6.3	6.3					6.3	LR	4.2	-	-	-	-	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
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					FC-9.5	FC-5	Type SP	Type S	Type SSP	Type I	Binder Course	Type II w/ Shell	Other Str. Asphalt	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
17	5.668	11.0	L3			0.7		2.0						2.7	COQ	11.3	-	-	-	-	F				
18	5.668	5.0	OL					1.5	1.5					1.5	COQ	N/A	-	-	-	-	F				
19	5.301	9.5	L3	X		0.6		1.3						1.9	COQ	10.1	B	Br	III	L	P				
20	5.301	5.0	OL					1.6	1.6					1.6	COQ	4.9	-	-	-	-	F				
21	5.249	5.0	IR				2.4		2.4					2.4	LR	7.6	-	-	-	-	G				Distance from Face of Gaurd rail
22	5.249	2.5	R1	X		0.9		4.2	4.2					5.1	COQ	N/A	-	-	-	-	F				
23	5.602	6.5	IR				2.2		2.2					2.2	LR	N/A	-	-	-	-	F				
24	5.602	9.5	R1	X		0.8	2.1		2.1	0.9				3.8	COQ	8.2	-	-	-	-	G				
25	6.994	4.0	IR					5.9						5.9	LR	6.1	-	-	-	-	F				
26	6.994	2.0	R1	X		0.6		3.4	3.4					4.0	COQ	9.0	-	-	-	-	F				
27	7.393	2.0	IR				1.2		1.2					1.2	LR	N/A	-	-	-	-	G				
28	7.393	9.0	R1	X		1.1	0.7	2.9	3.6					4.7	COQ	N/A	-	-	-	-	G				
29	8.199	2.0	IR				0.8	0.6	1.4					1.4	LR	4.6	-	-	-	-	G				
30	8.199	2.5	R1	X		0.9	0.8	3.0	3.8					4.7	COQ	7.6	-	-	-	-	G				
31	7.843	2.0	IL				1.3		1.3					1.3	LR	3.7	-	-	-	-	F				
32	7.843	9.0	L1	X		1.0	1.4		1.4		0.6	1.4	2.0	4.4	LR	N/A	-	-	-	-	F				Core fractured during extraction

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					FC-9.5	FC-5	Type SP	Type S	Type S/SP	Type I	Binder Course	Type II w/ Shell	Other Str. Asphalt	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent	
33	7.318	2.0	IL					1.7	1.7					1.7	LR	N/A	-	-	-	-	F				
34	7.318	2.5	L1	X		0.8		2.1	2.1				0.9	0.9	3.8	LR	9.7	-	-	-	-	F			
35	5.618	1.5	IL					2.3	2.3					2.3	LR	5.2	-	-	-	-	F				
36	5.618	9.0	L1	X		0.7		2.8	2.8	1.5			1.5	5.0	LR	N/A	-	-	-	-	F				
37	5.225	2.0	IL					1.5	1.5					1.5	COQ	N/A	-	-	-	-	F				
38	5.225	2.5	L1	X		0.9		3.5	3.5				0.0	4.4	COQ	8.4	-	-	-	-	F				
39	300' FROM GORE	17.0	RAMP	X	0.8		1.7		1.7				3.5	6.0	NB		-	-	-	-	G			Off-Ramp 34, SR 528 EB to US1 NB/SB	
40	300' FROM GORE	2.0	SHLDR		1.2		1.3		1.3				5.5	8.0	NB		-	-	-	-	G			Off-Ramp 34, SR 528 EB to US1 NB/SB	
41	560' FROM GORE	21.5	RAMP	X	1.0		2.1		2.1	3.1				6.2	COQ	13.3	-	-	-	-	G			On-Ramp 35, US1 NB to SR 528 EB	
42	560' FROM GORE	2.0	SHLDR		0.7		1.3	1.6	2.9					3.6	LR	4.9	-	-	-	-	G			On-Ramp 35, US1 NB to SR 528 EB	
43	400' FROM GORE	17.5	RAMP	X	0.7			1.3		1.5				3.5	COQ	7.5	-	-	-	-	F			Off-Ramp 38, SR 528 EB to SR 3 ; SL Crack in IWP	
44	400' FROM GORE	2.0	SHLDR		0.7			3.0						3.7	NB		-	-	-	-	G			Off-Ramp 38, SR 528 EB to SR 3	
45	526' FROM GORE	14.0	RAMP	X	0.8			4.0						4.8	COQ	7.7	-	-	-	-	F			On-Ramp 39 SR 3 NB to SR 528 EB	
46	526' FROM GORE	2.0	SHLDR		0.6			0.7						1.3	LR	3.7	-	-	-	-	F			On-Ramp 39 SR 3 NB to SR 528 EB	
47	400' FROM GORE	12.0	RAMP	X		0.8		1.3					1.2	3.3	LR	10.2	-	-	-	-	P			Off-Ramp 37, SR 528 WB to SR 3 NB/SB	
48	400' FROM GORE	3.0	SHLDR			0.9		2.3						9.4	ABC	6.2	-	-	-	-	F			Off-Ramp 37, SR 528 WB to SR 3 NB/SB	

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Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 528

FIN: 407402-3

County: Brevard

Core #	GPS Coordinates
1	28.39926 ° -80.759524 °
2	28.399265 ° -80.759523 °
3	28.400068 ° -80.753828 °
4	28.400068 ° -80.753828 °
5	28.400566 ° -80.750393 °
6	28.400566 ° -80.750394 °
7	28.403956 ° -80.726034 °
8	28.403956 ° -80.726033 °
9	28.404658 ° -80.721215 °
10	28.404658 ° -80.721214 °
11	28.405145 ° -80.710535 °
12	28.405148 ° -80.710538 °
13	28.405393 ° -80.713173 °
14	28.405392 ° -80.713175 °
15	28.404288 ° -80.725255 °
16	28.404288 ° -80.725254 °
17	28.401054 ° -80.748769 °
18	28.401055 ° -80.748767 °
19	28.400182 ° -80.754874 °
20	28.400183 ° -80.754874 °

Core #	GPS Coordinates
21	28.399911 ° -80.755571 °
22	28.399911 ° -80.755572 °
23	28.400694 ° -80.74984 °
24	28.400694 ° -80.74984 °
25	28.404125 ° -80.725315 °
26	28.404124 ° -80.725313 °
27	28.40498 ° -80.719199 °
28	28.40498 ° -80.719199 °
29	28.405227 ° -80.707515 °
30	28.405227 ° -80.707515 °
31	28.405317 ° -80.713402 °
32	28.405317 ° -80.713402 °
33	28.404712 ° -80.721994 °
34	28.404712 ° -80.721994 °
35	28.400849 ° -80.749546 °
36	28.400851 ° -80.74954 °
37	28.399994 ° -80.756035 °
38	28.399999 ° -80.756034 °
39	28.400003 ° -80.751181 °
40	28.400003 ° -80.751178 °

