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

Project No.: 432398-1	**Cored By:** Elipsis Engineering and Consulting	**Date:** June 9, 2016	**Page No.:** 1 of 2
County: Brevard	**Highway Sect. No:** 70150	**From:** West of Palm Ave	**To:** SR 5 (US 1)
Road No.: SR 46	**Begin MP:** 6.230	**End MP:** 7.392	**Length:** 1.162

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-3	FC-12.5	Type S	ARMI Layer	Older HMA		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	6.360	9.0	R1	X	0.6		8.0	0.7	1.2		19.0	ABC	8.5	1.4	Br	II	S	P			Core fractured while coring
2	6.360	2.0	OR		0.8		3.2				8.8	ABC	4.8	2.0	Br	II	M	P			Core fractured while coring
3	6.522	2.5	R1	X		1.2	7.3	0.5	7.7		16.7	SBRM	4.8	–	–	–	–	F			Patched Area ; DCP TEST
4	6.522	2.5	OR			0.7	2.0				8.0	ABC	5.3	–	–	–	–	F			
5	6.704	6.0	R1			1.2	7.3	0.5	1.0		15.9	ABC	5.9	1.0	Br	I	L	P			Patched Area ; Core fractured while coring ; DCP Test
6	6.704	2.0	OR			0.7	2.2				6.7	ABC	3.8	1.9	Br	II	M	P			
7	6.931	9.0	R1	X	0.6		2.2				7.0	ABC	4.2	2.3	SL	III	S	P			Core fractured while coring
8	6.931	2.5	OR		0.5		1.3				7.2	ABC	5.4	–	–	–	–	F			
9	7.266	2.0	R1	X	1.0		5.6				6.6	N/A	See Note	3.4	SL	I	L	P			Taken on patched over Railroad crossing Railroad Slag under Asphalt
10	7.330	2.5	R1	X	0.3		3.2		1.3		4.8	LR	5.2	B	SL	II	S	P			
11	7.330	2.0	OR		0.4		1.6		2.8		4.8	N/A	See Note	–	–	–	–	P			Base for Shoulder is multiple layers of Type II
12A	7.222	8.0	L1	X	0.6		4.0				7.9	ABC	3.3	2.9	SL	II	M	P			L1 Side
12B	7.222	8.0	L1	X	0.6		5.1				5.7	LR	1.3	2.9	SL	II	M	P			OL Side
13	7.222	6.0	OL		0.4		4.7				5.1	LR	4.7	–	–	–	–	F			
14	6.958	6.0	L1		0.8		3.7		3.0		7.5	SBRM	4.8	B	ST	III	S	P			
15	6.958	2.0	OL		1.1		2.7				8.0	ABC	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

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-3	FC-12.5	Type S	ARMI Layer	Older HMA		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
16	6.702	2.5	L1	X		0.8	7.2	0.5	6.0		17.4	ABC	2.9	–	–	–	–	F			Patched Area ; DCP TEST
17	6.702	2.0	OL			0.7	3.0				8.1	ABC	4.4	–	–	–	–	F			
18	6.522	6.0	L1			1.0	7.5	0.5	5.6		22.0	SBRM	7.4	2.1	SL	II	S	P			Patched Area ; DCP TEST
19	6.522	1.5	OL			0.5	4.0				11.3	ABC	6.8	0.5	Br	II	M	P			
20	6.427	6.0	L1		1.1		7.5	0.4	6.2		15.2	SBRM	5.3	6.8	SL	III	S	P			
21	6.427	2.0	OL		0.6		2.0				6.9	ABC	4.3	1.4	Br	I	L	P			
22	6.268	7.5	R1		0.6		3.4				4.0	SC	27.0	B	Br	II	S	P			Terminated base depth check at 31" from top of asphalt
23	7.295	8.0	R1	X	0.7		2.3		4.5		7.5	LR	4.5	B	Br	III	S	P			

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

Base Types: LR= Limerock; COQ= Coquina; SC= Soil Cement; ABC= Asphalt Base; SAHM= Sand Asphalt Hot Mix; NB= No Base

Supplemental Data to PECD

(GPS Coordinates for Each Locations Cored)

SR 46 FIN: 432398-1 County: Brevard

Core #	GPS Coordinates
1	28.665949 ° -80.861175 °
2	28.665949 ° -80.861175 °
3	28.665465 ° -80.858578 °
4	28.665465 ° -80.858578 °
5	28.664915 ° -80.855645 °
6	28.664916 ° -80.855641 °
7	28.664193 ° -80.852014 °
8	28.664193 ° -80.852014 °
9	28.664677 ° -80.846847 °
10	28.665133 ° -80.84594 °
11	28.665132 ° -80.845941 °
12	28.664431 ° -80.847509 °
13	28.664422 ° -80.847508 °
14	28.664172 ° -80.851585 °
15	28.664172 ° -80.851585 °
16	28.664984 ° -80.855683 °
17	28.664985 ° -80.855683 °
18	28.665542 ° -80.858572 °
19	28.665542 ° -80.858572 °
20	28.665857 ° -80.860109 °

Core #	GPS Coordinates
21	28.665857 ° -80.860109 °
22	28.666212 ° -80.862485 °
23	28.664899 ° -80.846449 °

Supplemental Data to PECD

(Cross-Slope Data for Each Locations Cored)

SR 46 FIN: 432398-1 County: Brevard

Core #	MP	Lane	0 to 6 feet	6 to 12 feet
1	6.360	R1	4.4	5.4
2	6.360	OR	8.2	
3	6.522	R1	1.5	2.2
4	6.522	OR	8.9	
5	6.704	R1	3.0	3.3
6	6.704	OR	6.9	
7	6.931	R1	2.6	3.1
8	6.931	OR	7.1	
9	7.266	R1	-0.6	-0.2
10	7.330	R1	2.3	3.0
11	7.330	OR	5.3	
12A	7.222	L1	1.3	1.5
12B	7.222	L1	1.3	1.5
13	7.222	OL	2.0	
14	6.958	L1	2.9	2.8
15	6.958	OL	6.1	
16	6.702	L1	1.8	3
17	6.702	OL	8.8	
18	6.522	L1	2.6	4.5
19	6.522	OL	4.4	

Core #	MP	Lane	0 to 6 feet	6 to 12 feet
20	6.427	L1	2.3	3.7
21	6.427	OL	7.6	
22	6.268	R1	5.8	5.4
23	7.295	R1	1.8	2.0