]	Project No.:	441013-1	Cored By:	Ardaman	Date:	5/16/2019	<b>Page No.:</b> 1 of 7
•	County:	Brevard	Highway Sect. No:	70140	From: SF	R 528	To: KSC Gate
]	Road No.:	SR 3	Begin MP:	3.368	End MP:	9.650	<b>Length:</b> 6.282

11041					8									2314							Bengen. 0.202
		Distance from left		Wheel				Pavement I	Layers (in.)			В	ase		Cr	ack		Pavt	Rut	Cross	
Core No.	MP	edge of lane (ft.)	Lane	Path	FC-5	FC-3	Type SP	Type S	Type II		Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
1	9.660	5.0	L2		1.0		3.8				4.8	COQ						Р			Raveling and Undulating
2	9.124	10.0	L2	X	1.0		3.8	0.9			5.7	COQ		2.3	SL	II	S	Р			Undulating
3	9.124	1.5	OL		0.9		1.6				6.0	ABC	3.5					F			
4	8.801	5.0	L2		1.0		4.0	1.2			6.2	COQ	10.0	2.2	SL	III	M	Р			Undulating
5	8.224	9.0	L2	X	0.8		3.5	1.1			5.4	COQ		2.3	SL	III	S	Р			Undulting
6	8.224	1.5	OL		0.9		2.0				7.0	ABC	4.1					F			
7	8.025	11.0	LRTL		0.6		1.4	3.2			5.2	COQ	17.1					F			Turnlane to N. Tropical Trail Lane Width 14.5'
8	8.025	1.5	OL		1.2		6.0				7.2	COQ	13.3					F			
9	7.789	3.0	L2	X	0.6		3.5	1.2			5.3	SAHM	7.2	2.2	BR	III	S	Р			
10	7.028	6.5	L2		1.0		1.7	2.9			5.6	SAHM	6.8	2.0	SL	II	M	Р			
11	7.028	1.5	OL		0.5		2.0				6.3	ABC	3.8					Р			
12	6.834	9.0	LRTL	X	1.0		2.7				3.7	COQ	11.2					F			Turnlane to Grace Lutheran Church
13	6.834	1.5	OL		1.0		2.8				3.8	COQ	10.8					F			
14	6.717	2.0	LRTL	X	1.5		2.5				9.0	ABC	5.0					F			Turnlane to Unsigned Rd.
15	6.717	1.5	OL		1.7		2.3				7.2	ABC	3.2					F			Turnlane to Unsigned Rd.
16	9.546	3.0	L1	X	0.5		4.0	2.4	0.6		7.5	COQ		2.0	BR	III	S	Р			

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

<u>Crack Extent</u>: L= Light; M= Moderate; S= Severe <u>Pavement Condition</u>: G= Good; F= Fair; P= Poor <u>Crack Types</u>: A= Alligator; Bl= Block; Br= Branch

SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

Project No.:	441013-1	Cored By:	Ardaman	Date:	5/16/2019	<b>Page No.:</b> 2 of 7
County:	Brevard	Highway Sect. No:	70140	From: SF	R 528	To: KSC Gate
Road No.:	SR 3	Begin MP:	3.368	End MP:	9.650	<b>Length:</b> 6.282

1104	4 1 10				2 cg.									2314							Bengen. 0.202
		Distance from left		Wheel				Pavement I	Layers (in.)			В	ase		Cra	ack		Pavt	Rut	Cross	
Core No.	MP	edge of lane (ft.)	Lane	Path	FC-5	FC-3	Type SP	Type S	Type II		Core Length (in)	Туре	Thickness (in)	Depth (in)	Type	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
17	9.261	8.0	L1	X	0.8		3.9	1.2			5.9	COQ	12.4	2.8	BR	III	S	Р			Undulating
18	8.614	6.0	L1		1.0		3.3	2.0			6.3	COQ		1.0	OGFC	II	M	Р			Undulating
19	8.614	2.5	IL		1.0		2.3	3.0			6.3	COQ	15.7					Р			
20	8.539	4.5	LLTL		0.7		1.1	3.0			4.8	COQ	16.6	1.8	SL	II	M	Р			Turnlane to Judson Rd.
21	8.150	5.5	L1		0.8		4.1	2.6			7.5	COQ	11.7					F			Undulating
22	7.746	5.5	L1		1.2		4.4	1.1			6.7	SAHM	6.4					F			
23	7.746	3.0	IL		0.9		2.1	2.5			5.5	NB						F			
24	7.435	5.0	LLTL		1.1		1.7	2.7			5.5	COQ	16.5	0.9	OGFC	II	М	Р			Turnlane to Crisafulli Rd. Undulating
25	6.907	2.5	L1	X	1.1		3.1	3.0			7.2	SAHM	7.1	2.3	SL	III	S	Р			
26	6.907	8.5	LLTL	X	0.6		1.7	5.3			7.6	COQ	22.5					F			Turnlane to Kings Way
27	6.640	3.5	L1		1.2		3.8	2.0			7.0	SAHM		1.0	SL	I	L	Р			
28	7.092	5.5	R2		0.8		1.7	1.6			4.1	COQ	14.4					F			Raveling
29	7.574	9.0	R2	X	0.7		1.8	1.4			3.9	COQ						F			Raveling
30	7.574	1.5	OR		1.2			2.8			4.0	COQ	15.7					F			Raveling
31	8.151	6.5	R2		0.6		2.0	0.8			3.4	COQ	11.0					F			
32	8.579	9.0	R2	X	0.9		1.6	1.2			3.7	COQ		-				F			

**Remarks:** Crack Depth of "B" indicates full depth crack to the base.

EOP = Edge of Pavement

<u>Crack Extent</u>: L= Light; M= Moderate; S= Severe <u>Pavement</u>

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

Project No.:	441013-1	Cored By:	Ardaman	Date:	5/16/2019	<b>Page No.:</b> 3 of 7
County:	Brevard	Highway Sect. No:	70140	From:	SR 528	To: KSC Gate
Road No.:	SR 3	Begin MP:	3.368	End MP:	9.650	<b>Length:</b> 6.282

																					8
		Distance from left		Wheel				Pavement I	Layers (in.)			В	ase		Cr	ack		Pavt	Rut	Cross	
Core No.	MP	edge of lane (ft.)	Lane	Path	FC-5	FC-3	Type SP	Type S	Туре ІІ		Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
33	8.579	1.5	OR		0.8			2.8			3.6	COQ	16.4					F			
34	8.979	6.0	R2		0.6		2.3	0.8			3.7	COQ	10.8					F			
35	9.503	2.5	R2	X	0.8		2.4	1.0			4.2	COQ	15.1					F			
36	7.170	2.5	R1	X	0.7		1.6	1.5			3.8	COQ						F			
37	7.170	2.5	IR		0.6		1.6	1.2			3.4	COQ	16.6					F			
38	7.620	5.5	R1		0.9		1.6	1.1			3.6	COQ						F			Light Raveling
39	7.620	3.0	IR		0.7		1.4	0.9			3.0	COQ	15.6					F			
40	7.839	5.0	RLTL		0.3		2.8				3.1	COQ	16.9	1.6	SL	III	S	P			Turnlane to Unsigned Rd. Severe Raveling
41	8.207	2.5	R1	X	0.6		1.9	1.6			4.1	COQ	12.4					F			Raveling
42	8.493	4.5	RLTL		1.3		1.5	2.0			4.8	COQ	13.5	3.6	ST	III	S	P			Turnlane to Pine Island Rd. Undulating
43	8.753	5.5	R1		1.0		2.0	1.2			4.2	COQ						F			
44	8.753	3.0	IR		0.7		3.2				3.9	COQ	14.1					F			
45	9.177	5.5	R1		0.9		2.1	0.9			3.9	COQ	12.6					F			Asphalt Bleeding in R1 and R2 nearby.
46	9.700	2.5	R1	X	0.7		3.3	1.4			5.4	COQ	10.8					F			
47	8.297	12.0	MXO					3.8			3.8	COQ	11.6					F			
48	8.819	11.0	MXO					4.7			4.7	COQ	13.1					P			Light Raveling

**Remarks:** Crack Depth of "B" indicates full depth crack to the base.

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SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

Project No.:	441013-1	Cored By:	Ardaman	Date:	5/16/2019	Page No.: 4 of 7
County:	Brevard	Highway Sect. No:	70140	From:	SR 528	To: KSC Gate
Road No.:	SR 3	Begin MP:	3.368	End MP:	9.650	<b>Length:</b> 6.282

					8																8 8 1
		Distance		Wheel				Pavement I	Layers (in.)			В	ase		Cra	ack		Pavt	Rut	Cross	
Core No.	MP	from left edge of lane (ft.)	Lane	Path	FC-5	FC-3	Type SP	Type S	Туре ІІ		Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
49	6.564	5.0	R1		1.0		2.5	1.1			4.6	COQ	14.9					P			
50	6.622	9.5	R1	X	0.9		2.1	0.9			3.9	COQ						F			
51	6.622	1.0	OR		1.2			2.8			4.0	COQ	15.0	0.8	SL	I	L	P			
52	6.856	5.5	RLTL		1.5			3.1			4.6	COQ	14.0					F			Turnlane to Kings Way
53	7.251	12.0	MXO					2.4			2.4	COQ	19.6					F			
54	3.697	8.0	R2	X		0.8		3.0			3.8	COQ	13.9	1.5	A	II	S	P			
55	3.904	8.5	RRTL	X		0.5		1.5			2.0	COQ	12.0					P			Heavy Raveling
56	4.228	9.0	R2	X	0.7		2.3	1.9			4.9	COQ						F			
57	4.228	1.5	OR		0.6			3.1			3.7	COQ	14.3					F			
58	4.511	7.0	R2		0.7		1.3	1.5			3.5	COQ	14.8					F			
59	4.511	1.5	OR		0.9			2.5			3.4	COQ	14.6					P			Raveling
60	4.655	6.0	RRTL		0.3		4.4				4.7	COQ	15.3					F			Turn Lane to Commerce Center
61	5.181	8.0	R2	X	0.6		2.2	1.2			4.0	COQ	16.1					F			
62	5.621	9.5	R2	X	1.0		1.7	1.3			4.0	COQ						F			
63	5.621	1.5	OR		1.0			1.5			2.5	COQ	15.9					F			
64	6.065	9.5	R2	X	1.0		1.6	1.7			4.3	COQ	12.7					P			

**Remarks:** Crack Depth of "B" indicates full depth crack to the base.

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Project No.:	441013-1	Cored By:	Ardaman	Date:	5/16/2019	<b>Page No.:</b> 5 of 7
County:	Brevard	Highway Sect. No:	70140	From: SR 52	8	To: KSC Gate
Road No.:	SR 3	Begin MP:	3.368	End MP:	9.650	<b>Length:</b> 6.282

11041			Degin									231141							Bengen. 0.202		
		Distance						Pavement I	Layers (in.)			Ва	ase		Cr	rack		Pavt	Rut	Cross	
Core No.	MP	from left edge of lane (ft.)	Lane	Wheel Path	FC-5	FC-3	Type SP	Type S	Туре ІІ		Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
65	6.147		L2															P			Not cored due to on site lane closure in a consturction zone.
66	6.147	1.5	OL		0.5		1.5				6.2	ABC	4.2					P			Raveling
67	5.642	9.5	L2	X	0.9		3.1				12.4	ABC	8.4					F			
68	5.398	6.0	LRTL		0.7		5.4				6.1	COQ	9.9	1.5	SL	I	L	P			Turnlane to Hall Road
69	5.398	1.5	OL		1.0		3.5				4.5	COQ	13.0					P			Raveling
70	5.001	7.5	L2		0.5		4.0				4.5	SAHM	7.3	0.3	SL	I	L	P			
71	5.001	1.5	OL		0.4		1.6				6.5	ABC	4.5					P			
72	4.410	5.5	L2		0.8		3.3				4.1	SAHM	7.0					F			
73	4.266	8.0	L2	X	0.8		3.7	0.5			5.0	SAHM	6.9	2.4	SL	III	S	P			
74	4.266	1.5	OL		0.7		5.3				6.0	NB						P			Raveling
75	4.158	5.0	LRTL			0.8	4.2				5.0	COQ						F			Turnlane to Unsigned St.
76	4.158	2.0	OL			0.8	3.8				4.6	COQ	11.4					F			
77	3.950	5.0	L2		0.9		3.9				4.8	SAHM	6.4	2.5	SL	II	M	P			Undulating Pavement and Moderate Centerline Rippling
78	3.658	9.0	L2	X		0.7		3.3			4.0	COQ	11.4	0.5	SL	I	L	F			
79	3.665	6.5	R1			0.7		3.1			3.8	COQ	13.2	В	BR	II	S	P			
80	3.665	1.5	RLTL			1.1		2.9			13.2	ABC	9.2					F			

**Remarks:** Crack Depth of "B" indicates full depth crack to the base.

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Pavement Condition: G= Good; F= Fair; P= Poor Crack Types: A= Alligator; Bl= Block; Br= Branch

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Project No.:	441013-1	Cored By:	Ardaman	Date:	5/16/2019	Page No.: 6 of 7
County:	Brevard	Highway Sect. No:	70140	From:	SR 528	To: KSC Gate
Road No.:	SR 3	Begin MP:	3.368	End MP:	9.650	Length: 6.282

					0																8 8 1
		Distance from left		Wheel				Pavement I	Layers (in.)			В	ase		Cr	ack		Pavt	Rut	Cross	
Core No.	MP	edge of lane (ft.)	Lane	Path	FC-5	FC-3	Type SP	Type S	Туре ІІ		Core Length (in)	Туре	Thickness (in)	Depth (in)	Type	Class	Extent	Cond.	Depth (in)	Slope (%)	Comments
81	3.658	5.0	L1			1.2		2.8			4.0	COQ	11.5					F			
82	4.067	2.5	R1	X	0.8		2.0	1.4			4.2	COQ						F			
83	4.067	3.0	IR		1.0		2.8				3.8	COQ	14.6					P			Raveling
84	4.188	8.5	RLTL	X	1.0		1.9	4.5			7.4	COQ	12.6	1.0	SL	1.0	L	P			Turnlane to Duval St.
85	4.726	2.0	R1	X	0.7		2.3				3.0	COQ						P			Raveling
86	4.726	3.0	IR		0.5		1.8				2.3	COQ	16.2					P			Raveling
87	4.802	8.0	RLTL	X	1.0		2.1	0.7			3.8	COQ	16.2					P			Turnlane to Sunset Lakes Dr. Raveling
88	4.956	5.5	RLTL		0.8		3.9				4.7	COQ	15.4					F			Turnlane to Dollar General Store
89	5.101	6.0	R1		0.6		2.6				3.2	COQ	14.8					P			Raveling
90	5.155	12.5	MXO					2.2			2.2	COQ	16.8	В	ST	II	S	P			
91	5.575	2.0	R1	X	0.7		1.9	1.5			4.1	COQ	12.4					F			Raveling
92	6.281	2.0	RLTL	X	1.0		3.7				4.7	COQ	7.3					F			Turnlane to Porcher Rd. Raveling
93	6.359	2.0	R1	X	0.3		1.2	1.9			3.4	COQ						F			
94	6.359	3.0	IR		0.5		2.1				2.6	COQ	19.4					F			
95	6.044	9.0	L1	X	0.8		3.5	1.9			6.2	SAHM	6.0	2.3	SL	III	S	P			
96	6.044		IL																		Shoulder was milled and has not been rapaved in a construction zone

**Remarks:** Crack Depth of "B" indicates full depth crack to the base.

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SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

Project No.:	441013-1	Cored By:	Ardaman	Date:	5/16/2019	<b>Page No.: 7</b> of 7
County:	Brevard	Highway Sect. No:	70140	From:	SR 528	To: KSC Gate
Road No.:	SR 3	Begin MP:	3.368	End MP:	9.650	<b>Length:</b> 6.282

22041	4 1 10				8									23114 1							Bengen. 0.202			
		Distance from left		Distance from left			Wheel				Pavement I	Layers (in.)			В	ase		Cra	ack		Pavt	Rut	Cross	
Core No.	MP	edge of lane (ft.)	Lane	Path	FC-5	FC-3	Type SP	Type S	Туре ІІ		Core Length (in)	Туре	Thickness (in)	Depth (in)	Туре	Class	Extent	Cond.		Slope (%)	Comments			
97	5.454	4.0	L1	X	0.7		4.5	0.6			5.8	SAHM	6.5	1.4	SL	II	S	P						
98	5.014	6.5	L1		0.6		4.5	0.9			6.0	SAHM	6.2	1.9	SL	III	S	P						
99	5.014	9.0	LLTL	X	0.5		5.5				6.0	COQ	17.0					F			Turnlane to Gator Dr.			
100	4.557	4.5	L1	X	0.5		4.2	1.3			6.0	SAHM	6.5	3.0	SL	III	S	P						
101	4.557	1.0	IL				2.1				2.1	COQ	11.1					F						
102	4.271	5.0	L1		0.5		4.5	1.7			6.7	SAHM	6.1	4.5	SL	III	S	P						
103	4.271	1.0	IL				2.5				2.5	COQ	11.0					F						
104	5.687	8.0	LLTL	X	0.7		1.1	2.2			4.0	COQ	15.1					P			Turnlane to Wood Stork Dr.			

**Remarks:** Crack Depth of "B" indicates full depth crack to the base.

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SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

### **Supplemental Data to PECD**

(GPS Coordinates of Each Locations Cored) SR 3 FPN: 441013-1 County: Brevard

Core #	GPS Co	ordinates
1	N 28.480895	W -80.683555
2	N 28.478339	W -80.691874
3	N 28.478339	W -80.691874
4	N 28.476772	W -80.696899
5	N 28.47408	W -80.705861
6	N 28.47408	W -80.705861
7	N 28.472833	W -80.708697
8	N 28.472833	W -80.708697
9	N 28.46971	W -80.70998
10	N 28.458651	W -80.709593
11	N 28.458652	W -80.709593
12	N 28.455829	W -80.709524
13	N 28.45583	W -80.709524
14	N 28.454132	W -80.70942
15	N 28.454132	W -80.70942
16	N 28.480322	W -80.685085
17	N 28.478989	W -80.689544
18	N 28.475916	W -80.699576
19	N 28.475916	W -80.699575
20	N 28.475546	W -80.700724

Core #	GPS Co	ordinates
21	N 28.473750	W -80.706791
22	N 28.470018	W -80.709921
23	N 28.470018	W -80.709921
24	N 28.46553	W -80.709755
25	N 28.456867	W -80.709487
26	N 28.456867	W -80.709487
27	N 28.452984	W -80.709345
28	N 28.459363	W -80.709455
29	N 28.466365	W -80.709687
30	N 28.466365	W -80.709687
31	N 28.473598	W -80.706842
32	N 28.475626	W -80.700171
33	N 28.475626	W -80.700171
34	N 28.477503	W -80.694013
35	N 28.480003	W -80.685851
36	N 28.460420	W -80.709543
37	N 28.46042	W -80.709543
38	N 28.466934	W -80.709777
39	N 28.466934	W -80.709777
40	N 28.470126	W -80.709897

### **Supplemental Data to PECD**

(GPS Coordinates of Each Locations Cored) SR 3 FPN: 441013-1 County: Brevard

Core #	GPS Co	ordinates
41	N 28.473855	W -80.706118
42	N 28.475247	W -80.701681
43	N 28.476452	W -80.697619
44	N 28.476452	W -80.697619
45	N 28.478429	W -80.691031
46	N 28.480961	W -80.682937
47	N 28.47432	W -80.704711
48	N 28.47676	W -80.696605
49	N 28.451541	W -80.709225
50	N 28.452401	W -80.709186
51	N 28.452401	W -80.709186
52	N 28.455797	W -80.709385
53	N 28.461572	W -80.709602
54	N 28.410197	W -80.706041
55	N 28.413274	W -80.706312
56	N 28.417913	W -80.706752
57	N 28.417913	W -80.706751
58	N 28.422007	W -80.707118
59	N 28.422007	W -80.707118
60	N 28.424086	W -80.707239

Core #	GPS Co	ordinates
61	N 28.431686	W -80.707947
62	N 28.438104	W -80.708473
63	N 28.438105	W -80.708473
64	N 28.444544	W -80.708909
65	N	W
66	N 28.445651	W -80.709155
67	N 28.438342	W -80.708687
68	N 28.434772	W -80.70845
69	N 28.434771	W -80.70845
70	N 28.429071	W -80.707899
71	N 28.429071	W -80.707898
72	N 28.420465	W -80.707129
73	N 28.418367	W -80.706955
74	N 28.418367	W -80.706955
75	N 28.416809	W -80.706851
76	N 28.416809	W -80.706851
77	N 28.413806	W -80.706544
78	N 28.409715	W -80.706188
79	N 28.409907	W -80.706091
80	N 28.409907	W -80.706091

### **Supplemental Data to PECD**

(GPS Coordinates of Each Locations Cored) SR 3 FPN: 441013-1 County: Brevard

Core #	GPS Co	ordinates
81	N 28.409722	W -80.706153
82	N 28.415724	W -80.706595
83	N 28.415724	W -80.706595
84	N 28.417467	W -80.706767
85	N 28.425069	W -80.707409
86	N 28.425069	W -80.707409
87	N 28.426171	W -80.707509
88	N 28.428385	W -80.707745
89	N 28.43049	W -80.707884
90	N 28.431267	W -80.707954
91	N 28.43732	W -80.708498
92	N 28.447567	W -80.709131
93	N 28.448751	W -80.709177
94	N 28.448751	W -80.709177
95	N 28.443352	W -80.709022
96	N	W
97	N 28.43477	W -80.708323
98	N 28.428918	W -80.707806
99	N 28.428918	W -80.707806
100	N 28.422289	W -80.707218

Core #	GPS Co	ordinates			
101	N 28.422288	W -80.707217			
102	N 28.418155	W -80.706869			
103	N 28.418155	W -80.706869			
104	N 28.438325	W -80.708606			