

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

Project No.: FPN 445214-1	Cored By: Jorge, O/ Mark. C	Date: 8/23, 8/24, 8/27, 8/30	Page No.: 1 of 4
County: Brevard County	Highway Sect. No: 70060	From: North of SR 404	To: South of 35th Street
Road No.: SR A1A	Begin MP: MP. 26.245	End MP: MP. 30.162	Length: 3.9 miles

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 3	FC 4	Type S	Type II	ARMI	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
1	29.909	9.0	L1	x			0.3	0.9			1.2	2.4	LR	8.4	B	A	II	S	P			Moderate wear of FC4
2	29.400	6.5	L1				0.6	1.4			1.3	3.3	LR	11.2	B	SL	II	S	P			Moderate wear of FC4
3	29.101	3.0	L1	x			0.5	1.4			0.9	2.8	LR	10.7	--	--	--	--	P			Moderate wear of FC4
6	28.626	2.0	L1	x			0.5	1.0			1.2	2.7	LR	8.7	--	--	--	--	P			Moderate wear of FC4
7	28.317	7.0	L1	x			0.6	0.9			1.5	3.0	LR	9.3	--	--	--	--	P			Moderate wear of FC4
9	27.649	5.0	L1				0.7	1.1			0.7	2.5	LR	8.9	B	SL	II	S	P			Moderate wear of FC4
10	27.416	8.0	LLTL	x			1.0	1.1				2.1	COQ	8.1	--	--	--	--	P			SB Left TL for PAFB
12	26.998	2.0	L1	x	1.2			2.0				3.2	LR / SBRM	8.1 / 3.0	B	Br	III	S	P			Light to moderate raveling
14	30.000	2.0	OL				1.1	1.4				2.5	COQ	4.5	--	--	--	--	P			Moderate branch cracking observed near core location
15	29.593	9.0	L2	x			0.4	1.1			1.3	2.8	LR	9.8	--	--	--	--	P			Light raveling
16	29.593	1.0	OL				0.6	1.5				2.1	COQ	8.3	--	--	--	--	P			
17	29.373	6.0	L2				0.6	1.6			0.9	3.1	LR	6.6	B	SL	III	S	P			
18	28.567	8.0	L2	x			0.7	0.9			1.0	2.6	LR	6.4	--	--	--	--	P			
19	28.567	2.0	OL				0.9	1.2				2.1	LR	5.7	--	--	--	--	P			
20	27.593	9.0	L2	x			0.6	1.2			1.2	3.0	LR	7.7	--	--	--	--	P			
21	27.593	1.0	OL				1.2	1.3				2.5	LR	5.5	--	--	--	--	P			

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement OWP = Outside Wheel Path ACCEL = On Ramp Acceleration Lane DECEL= Off Ramp Deceleration Lane
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; SBRM= Sand Bituminous Road Mix; NB= No Base; RAP= Recycled Asphalt Pavement

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

Project No.: FPN 445214-1	Cored By: Jorge, O/ Mark. C	Date: 8/23, 8/24, 8/27, 8/30	Page No.: 2 of 4
County: Brevard County	Highway Sect. No: 70060	From: North of SR 404	To: South of 35th Street
Road No.: SR A1A	Begin MP: MP. 26.245	End MP: MP. 30.162	Length: 3.9 miles

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 3	FC 4	Type S	Type II	ARMI	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
22	27.153	8.0	L2		0.5		1.3	1.2			0.8	3.8	LR	9.7	B	Br	III	S	P			Light raveling
23	26.898	3.0	L2	x		0.6		1.4		0.4	1.0	3.4	LR	11.1	B	Br	III	S	P			Severe wear of FC3. Delamination 0.8 inch from top
24	26.630	5.0	L2			0.7		1.8		0.5		3.0	LR	12.5	B	Br	III	S	P			
25	26.630	1.0	OL			0.7		1.6				5.7	ABC	3.4	--	--	--	--	P			
26	26.442	4.5	L2			0.8		1.9		0.5		3.2	LR	11.7	B	Br	III	S	P			
27	26.385	8.0	R2	x		1.0		1.6			0.8	3.4	LR	7.1	B	Br	III	S	P			
28	26.385	1.0	OR			1.0		1.7				5.8	ABC	3.1	--	--	--	--	P			
29	26.995	5.5	R2			0.5		1.5				2.0	LR	11.2	B	SL	III	S	P			Moderate wear of FC3
30	27.140	5.5	RRTL		0.4		1.1	2.4				3.9	LR	11.1	2.4	Br	II	M	P			NB Right TL for PAFB
31	27.377	4.0	RRTL		0.7		0.9	0.9			1.1	3.6	LR	11.3	B	ST	III	S	P			NB Right TL for PAFB
32	27.381	8.0	R2	x	0.5		0.9	0.8			1.1	3.3	LR	11.0	B	Br	III	S	P			Delamination 1.2 inch from top
33	27.931	6.0	R2				0.5	1.1			0.9	2.5	LR	11.9	B	SL	III	S	P			Moderate wear of FC4
34	27.951	2.0	OR				0.6	1.3				1.9	LR	5.9	B	Br	III	S	P			
35	28.108	8.5	RRTL	x				0.8			1.5	2.3	LR	9.9	B	Br	III	S	P			NB Right TL to Hangers Beach Parking Lot
36	28.189	2.0	OR				1.0	1.2				2.2	COQ	5.6	--	--	--	--	P			
37	28.431	7.5	R2				0.4	1.1			1.3	2.8	LR	11.0	--	--	--	--	P			Severe wear of FC4

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement OWP = Outside Wheel Path ACCEL = On Ramp Acceleration Lane DECEL= Off Ramp Deceleration Lane

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; SBRM= Sand Bituminous Road Mix; NB= No Base; RAP= Recycled Asphalt Pavement

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

Project No.: FPN 445214-1	Cored By: Jorge, O/ Mark. C	Date: 8/23, 8/24, 8/27, 8/30	Page No.: 3 of 4
County: Brevard County	Highway Sect. No: 70060	From: North of SR 404	To: South of 35th Street
Road No.: SR A1A	Begin MP: MP. 26.245	End MP: MP. 30.162	Length: 3.9 miles

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 3	FC 4	Type S	Type II	ARMI	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent							
38	28.722	1.0	OR				1.1	1.5				2.6	COQ	5.2	1.6	Br	II	M	P						
39	28.983	7.0	R2				0.7	0.9				1.2	2.8	LR	10.0	B	SL	III	M	P					
40	29.173	3.0	RRTL	x			0.3		1.4			1.7	LR	3.7	B	Br	II	M	P				NB Right TL to Blockhouse Beach Parking Lot		
41	29.204	8.0	R2	x			0.4	0.9				1.1	2.4	LR	7.3	--	--	--	--	P			Severe wear of FC4		
42	29.234	3.0	RRTL				0.3	0.4				1.6	2.3	LR	7.0	B	Br	III	S	P			Accel/Merge Lane from Blockhouse Beach PL Severe Wear of FC-4		
43	29.393	3.0	OR				1.2	0.7				1.4	3.3	LR	10.7	--	--	--	--	P					
44	29.536	9.0	RRTL	x			0.6	1.2				1.8	LR	14.2	0.4	Br	Ib	M	P				NB Right TL to PAFB Oceanside Suites		
45	29.584	7.0	R2				0.5	0.9				0.9	2.3	LR	5.3	--	--	--	--	P					
46	29.719	2.0	OR				0.8	1.6				2.4	COQ	5.1	1.2	Br	II	M	P						
47	29.720	6.5	R2				0.6	1.3				0.6	2.5	LR	9.5	B	SL	III	S	P					
48	29.825	7.0	RRTL				0.2	0.6				1.7	2.5	LR	10.0	B	ST	II	S	P				NB Right TL to Tables Beach Parking Lot Severe Wear of FC-4	
49	26.217	10.0	CTL			2.0*			3.0			2.0	7.0	LR / SBRM	4.0 / 9.0	--	--	--	--	P				Core taken in newer pavement area. * = FC-12.5 friction	
50	26.447	5.0	CTL				1.0		1.8				2.8	LR / SBRM	5.6 / 8.4	--	--	--	--	P					
51	26.524	3.5	R1	x			0.8		3.2				4.0	LR / SBRM	6.0 / 8.0	3.2	Br	III	S	P					
52	26.655	5.5	CTL				0.6		2.7				3.3	LR / SBRM	5.7 / 7.7	B	Br	II	M	P					
53	26.802	8.0	R1	x			0.8		2.2				1.8	4.8	LR	11.0	1.7	Br	III	S	P				

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement OWP = Outside Wheel Path ACCEL = On Ramp Acceleration Lane DECEL = Off Ramp Deceleration Lane
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; SBRM= Sand Bituminous Road Mix; NB= No Base; RAP= Recycled Asphalt Pavement

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

Project No.: FPN 445214-1	Cored By: Jorge, O/ Mark. C	Date: 8/23, 8/24, 8/27, 8/30	Page No.: 4 of 4
County: Brevard County	Highway Sect. No: 70060	From: North of SR 404	To: South of 35th Street
Road No.: SR A1A	Begin MP: MP. 26.245	End MP: MP. 30.162	Length: 3.9 miles

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 3	FC 4	Type S	Type II	ARMI	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent						
56	27.219	7.0	R1		0.6		0.9	1.1			1.0	3.6	LR	9.4	1.7	Br	II	S	P					
57	27.645	8.0	R1	x	0.5		1.0	1.1			0.8	3.4	LR	8.7	1.8	Br	II	S	P					
58	28.038	6.0	R1				0.5	1.5			0.6	2.6	LR	10.4	B	SL	III	S	P				Severe wear of FC4	
59	28.570	5.0	R1				0.4	1.3			1.1	2.8	LR	10.4	B	SL	III	M	P				Severe wear of FC4	
61	29.047	5.0	R1				0.5	1.2			0.9	2.6	LR	9.6	B	Br	III	S	P				Moderate wear of FC4	
62	29.308	9.0	R1	x			0.5	1.1			1.0	2.6	LR	7.4	--	--	--	--	P				1.6 inch reflective crack from bottom	
64	29.443	4.5	R1				0.5	1.0			1.3	2.8	LR	9.2	B	Br	III	S	P				Severe wear of FC4	
65	29.691	5.5	R1				0.6	1.1			1.0	2.7	LR	8.8	B	Br	III	S	P					
67	30.037	5.0	R1				0.3	1.5			1.0	2.8	LR	9.2	B	Br	III	S	P				Severe wear of FC4	
68	29.850	1.5	LRTL				0.3	0.6			1.3	2.2	LR	8.0	B	Br	III	S	P				SB Right TL to PAFB	
69	29.439	9.0	LRTL				0.4	0.8			1.8	3.0	LR	9.9	B	Br	III	S	P				SB Right TL to PAFB Class III ST crack observed near core location	
70	28.887	5.0	LRTL				0.5				0.5	Concrete	14.7	B	BR/ST	III	S	P					SB Right TL to Jupiter St. / PAFB Main Gate	

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement OWP = Outside Wheel Path ACCEL = On Ramp Acceleration Lane DECEL= Off Ramp Deceleration Lane
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; SBRM= Sand Bituminous Road Mix; NB= No Base; RAP= Recycled Asphalt Pavement

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

Project No.: 445214-1	Cored By: FDOT (TK & GS)	Date: 10/19/2021	Page No.: 1 of 1
County: Brevard	Highway Sect. No: 70060	From: North of SR 404 / Pineda Causeway	To: South of 35th Street
Road No.: SR A1A	Begin MP: 26.245	End MP: 30.162	Length: 3.917 miles

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-4	Type S	Type II	ARMI	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent								
F-1	26.785	2.0	R1	X		1.2		1.7			1.1	4.0	LR / SBRM	5.8 / 6.5											
F-2	26.788	7.5	R1	X		1.5		1.5			1.5	4.5	LR	8.1											Terracon #53
F-3	26.931	7.5	CTL	X		1.3		1.6		0.7		3.6	LR / SBRM	8.8 / 3.8											Terracon #54 - SBRM is Present
F-4	27.131	8.0	RLTL	X		0.8	1.5		0.9		1.2	4.4	LR	11.2											Terracon #55 - SBRM Not Present
F-5	28.587	3.0	R1	X			0.5	0.9			1.2	2.6	LR	9.9											Terracon #59 - SBRM Not Present
F-6A	28.728	5.5	RLTL				0.5	2.1				2.6	LR	9.4											Terracon #60 - SBRM Not Present
F-6B	28.728	5.5	RLTL				0.5	1.0			1.8	3.3	LR	8.7											Terracon #60 - SBRM Not Present
F-7	29.400	4.0	RLTL				1.0	1.1			1.3	3.4	LR	10.0											Terracon #63 - SBRM Not Present
F-8	29.819	5.0	RLTL				0.4		1.0		1.4	2.8	LR	9.6											Terracon #66 - SBRM Not Present
F-9	29.407	3.5	L1	X			0.5	1.3			1.5	3.3	LR	9.4											Terracon #2 - SBRM Not Present
F-10	29.227	4.0	LLTL				0.5		2.5			3.0	COQ	8.8											Terracon #4 - SBRM Not Present
F-11	28.904	4.5	LLTL				0.7		1.8			2.5	LR	18.0											Terracon #5 - SBRM Not Present
F-12	28.144	3.0	LLTL	X			0.8		1.2		1.3	3.3	LR	9.2											Terracon #8 - SBRM Not Present (taken in taper - should be in full width TL)
F-13	27.209	5.0	LLTL			0.6	0.9	2.1				3.6	LR	10.9											Terracon #11 - SBRM Not Present
F-14	26.408	7.0	L1	X		1.1		1.4		0.5		3.0	LR	13.8											Terracon #13
F-15	26.408	2.0	L1	X		0.8		1.4		0.5		2.7	LR / SBRM	6.5 / 7.2											

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement **FDOT Coring to Verify Terracon's Core Data**

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; SBRM= Sand Bituminous Road Mix; NB= No Base