

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

Project No.: 448785-1	Cored By: Dave Crumley & Peter Williams (PSI)	Date: 5/18/2023 - 5/22/2023	Page No.: 1 of 4
County: Brevard	Highway Sect. No.: 70004	From: West of SR 5 (US-1)	To: West of SR A1A
Road No.: SR 404 (Pineda Causeway)	Begin MP: 0.581	End MP: 4.597	Length: 4.016 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-5	FC-12.5	Type SP	Type S	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent						
1	1.068	6.0	OR				1.3				6.4	SAHM w/Shell	5.1	0.6	Br	I	M	P				Ripples/Blisters Observed on Surface
2	2.166	11.0	R2		0.6		1.5		0.4		2.5	COQ	36+	-	-	-	-	F				Raveling - Coquina Subgrade
3	2.166	2.0	OR				1.1				5.9	SAHM w/Shell	4.8	-	-	-	-	F				
4	3.018	4.5	OR				0.7				6.5	SAHM w/Shell	5.8	0.5	SL	I	L	F				
5	3.523	5.5	RRTL			2.0					10.1	ABC	8.1	-	-	-	-	F				EB Right TL to Dredging Dump Site
6	3.992	9.5	R2	X	1.0		1.9				2.9	COQ	33+	-	-	-	-	F				Slight Raveling - Coquina Subgrade
7	3.992	2.0	OR		0.9		1.2				5.2	SAHM w/Shell	3.1	-	-	-	-	F				
8	4.396	5.5	R2		0.6		2.1				2.7	COQ	33+	-	-	-	-	F				Slight Raveling - Coquina Subgrade
9	4.560	5.0	RRTL		0.4		2.6				3.0	COQ	24+	-	-	-	-	F				EB Right TL to SR A1A- Southbound Raveling - Coquina Subgrade
10	4.227	6.5	L2		0.8		1.5		1.0		3.3	COQ	24+	B	Br	III	M	P				Coquina Subgrade
11	4.227	1.5	OL		1.1		1.4				7.5	SAHM w/Shell	5.0	-	-	-	-	F				
12	3.628	4.0	OL		0.7		1.3	2.0			4.0	LR	4.9	-	-	-	-	F				Slight Dropoff at C&G
13	3.605	8.0	L2	X	0.8		1.2	1.9			3.9	LR	14.0	B	Bl/ST	III	M	P				
14	2.227	10.0	L2	X	0.7		2.2				2.9	LR	13.7	B	SL	III	S	P				
15	2.060	10.0	L2	X	0.5		1.1		0.9		2.5	COQ	24+	-	-	-	-	P				Severe Raveling - Coquina Subgrade
16	2.060	4.5	OL				1.5				5.6	SAHM w/Shell	4.1	-	-	-	-	F				

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement In lieu of MP for Ramp Cores, Location Distance Measured in Feet from Ramp Gore

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

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					FC-5	FC-12.5	Type SP	Type S	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent					
17	0.986	9.0	L2	X	0.8		1.2		1.0		3.0	COQ	22+	B	Br	III	S	P			Coquina Subgrade
18	0.986	4.0	OL				1.5				5.4	SAHM w/Shell	3.9	-	-	-	-	F			
19	0.935	3.5	R1	X	0.7		1.2	0.6			2.5	COQ	12.5	-	-	-	-	F			Coquina subgrade
20	2.333	1.5	IR		1.0						4.0	SAHM w/Shell	3.0	-	-	-	-	F			
21	2.336	6.0	R1		0.6		2.2				2.8	COQ	12.0	-	-	-	-	F			Coquina subgrade
22	2.588	3.5	R1	X	0.9		1.0		0.9		2.8	COQ	11.7	-	-	-	-	F			Coquina subgrade
23	3.192	1.0	R1	X	0.9		1.3		0.6		2.8	COQ	13.9	-	-	-	-	F			Gouging
24	3.302	3.5	R1	X	0.5		2.0				2.5	COQ	12.0	-	-	-	-	F			ravleing
25	3.684	3.0	R1	X	0.9		1.5		1.0		3.4	COQ	12.7	-	-	-	-	F			
26	3.597	3.0	L1		0.8		1.4	1.8			4.0	COQ	12.2	-	-	-	-	F			
27	2.206	2.0	L1	X	1.0		1.9				2.9	COQ	12.0	-	-	-	-	F			
28	2.201	1.0	IL				1.1				5.0	SAHM w/Shell	3.9	-	-	-	-	F			
29	1.846	3.0	L1	X	1.0		2.0				3.0	COQ	12.7	-	-	-	-	P			Raveling
30	1.843	2.0	IL				0.8				5.3	SAHM w/Shell	4.5	-	-	-	-	F			
31	1.019	4.0	L1		1.0		1.6		0.5		3.1	COQ	13.3	B	SL	III	M	P			
32	0.704	3.5	L1	X	1.0		1.0		1.0		3.0	COQ	12.1	-	-	-	-	F			

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					FC-5	FC-12.5	Type SP	Type S	Binder		Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
33	610'	11.0	RAMP	X	0.9		2.0	1.4			4.3	COQ	13.7	-	-	-	-	F			SR-5 On Ramp to SR-404 EB Ramp #70004017
34	346'	12.0	RAMP		0.6		1.9				2.5	COQ	12.9	-	-	-	-	F			SR-404 EB Off Ramp to CR-3 Ramp #70004019
35	346'	1.0	OR		0.9		1.2				6.6	SAHM w/Shell	4.5	-	-	-	-	F			SR-404 EB Off Ramp to CR-3 Shoulder Ramp #70004019
36	431'	13.0	RAMP		0.9		1.7				2.6	COQ	12.7	-	-	-	-	F			CR-3 On Ramp to SR-404 EB Ramp #70004021
37	431'	1.0	OR		1.0		1.0				7.0	SAHM w/Shell	5.0	-	-	-	-	F			CR-3 On Ramp to SR-404 EB Shoulder Ramp #70004021
38	511'	4.0	RAMP			1.7	1.5				9.8	ABC	6.6	1.8	Long.	I	M	P			SR-404 EB of Ramp to SR-513 (Left Turn Lane) Ramp #70004024
39	678'	5.0	RAMP			1.2	2.0				3.2	COQ	11.7	B	Br	III	S	P			SR-404 EB of Ramp to SR-513 (Right Turn Lane) Ramp #70004024
40	762'	5.0	RAMP			1.1	2.0				10.7	ABC	7.6	3.0	Br	III	S	P			SR-404 EB of Ramp to SR-513 (Left Turn Lane) Ramp #70004024
41	1,108'	14.0	RAMP		1.2		1.3		1.0		3.5	COQ	13.2	-	-	-	-	F			Raveling - SR-513 to SR-404 WB On Ramp Ramp #70004023
42	412'	13.0	RAMP	X	0.5		1.5		1.0		3.0	COQ	12.7	-	-	-	-	F			SR-404 WB Off Ramp to CR-3 Ramp #70004020
43	412'	2.0	OL		0.7		1.7				6.4	SAHM w/Shell	4.0	-	-	-	-	F			SR-404 WB Off Ramp to CR-3 Shoulder Ramp #70004020
44	440'	13.0	RAMP		0.8		2.0				2.8	COQ	12.9	-	-	-	-	F			CR-3 On Ramp to SR-404 WB Ramp #70004018
45	440'	2.0	OL		1.0		2.0				3.0	COQ	11.7	-	-	-	-	F			CR-3 On Ramp to SR-404 WB Shoulder Ramp #70004018
46	457'	12.5	RAMP	X	0.6		1.5	1.3			3.4	COQ	12.9	-	-	-	-	F			SR 404 WB Off Ramp to SR-5 NB Ramp #70004016
47	276'	14.0	RAMP	X	1.0		1.0	2.0			4.0	COQ	14.3	-	-	-	-	F			SR-5 On Ramp to SR-404 EB Ramp #70004013
48	196'	13.0	RAMP		0.5		1.5	1.7			3.7	COQ	13.9	-	-	-	-	F			SR-404 WB Off Ramp to SR-5 SB Ramp #70004012

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