

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

Project No.: 443169-1	Cored By: Elipsis Engineering and Consulting	Date: December 1, 2021	Page No.: 1 of 2
County: Brevard	Highway Sect. No.: 70160	From: S. Bobbi Lane	To: North of Swan Lake Drive
Road No.: SR 405	Begin MP: 1.540	End MP: 2.950	Length: 1.410

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-12.5	Type SP	Type S	Binder			Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent	
1	1.929	8.5	L1	X	1.1			1.0			2.1	LR	9.7	B	A	II	M	P				
2	1.929	2.0	OL		1.4						1.4	LR	3.7	-	-	-	-	F				
3	1.615	5.0	L1		1.2		0.2	2.0			3.4	LR	8.2	B	ST	I	L	P				
4	1.580	4.0	R1		1.2			1.8			3.0	LR	9.0	B	Br	I	M	P				
5	1.915	8.0	R1	X	1.3			1.1			2.4	LR	10.4	B	Br	I	L	P				
6	1.915	2.0	OR		2.4						2.4	LR	3.6	-	-	-	-	F				
7	2.123	3.0	RTL	X	1.1	1.5		2.0			4.6	LR	8.7	B	SL	II	S	P				NB Left turn lane onto Fox Lake Rd Top Value slopes to L1
8	2.332	5.5	CTL		1.6			1.9			3.5	LR	9.6	-	-	-	-	F				Just south of Fox Hollow Dr. Crown: Top Value slopes to L1, Bottom Value slopes to R1
9	2.389	9.0	RRTL	X	1.5	2.1					3.6	LR	5.7	-	-	-	-	F				NB Right turn lane to Joe Murrell Drive
10	2.389	2.5	OR		1.5	1.2					2.7	LR	12.1	-	-	-	-	F				NR Right turn lane -- outside shoulder core
11A	2.506	5.0	R1		1.2			1.8			3.0	LR	9.2	B	Br	II	L	P				West Side of Core RH Curve
11B	2.506	5.0	R1		1.2	1.9					3.1	LR	8.7	B	Br	II	L	P				East Side of Core RH Curve
12	2.568	5.0	CTL		1.3			1.3			2.6	LR	10.9	-	-	-	-	F				Both values slope to R1 RH Curve
13	2.753	8.0	RTL	X	0.7		1.5	2.1			4.3	LR	8.3	-	-	-	-	F				NB Left turn lane -- entrance to Church of LDS RH Curve
14A	2.796	5.0	R1		1.0		1.3	2.1			4.4	LR	8.1	B	SL	II	S	P				West Side of Core RH Curve
14B	2.796	5.0	R1		1.0		3.0				4.0	LR	8.5	B	SL	II	S	P				East Side of Core, Widened Portion RH Curve

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement * = Refer to Aerial Coring Plan for a more accurate location
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; SAHMS= Sand Asphalt Hot Mix with Shell; NB= No Base; SBRMS = Sand Bituminous Road Mix with Shell; CC= Crushed Concrete

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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-12.5	Type SP	Type S	Binder			Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent
15	2.796	2.0	OR		1.9		2.2				4.1	LR	9.4	-	-	-	-	F			RH Curve
16	2.796	2.5	RLTL	X	1.4		1.5	2.1			5.0	LR	8.0	-	-	-	-	F			NB Left turn lane -- entrance to Swan Lake Drive RH Curve
17	2.862	3.5	LRTL	X	0.9		2.5				3.4	LR	13.9	B	Br	I	M	P			SB Right turn lane -- Swan Lake Drive LH Curve
18	2.862	2.5	OL		1.4		1.9				3.3	LR	14.0	-	-	-	-	F			SB Right turn lane -- outside shoulder core LH Curve
19	2.780	8.5	LRTL	X	1.6		2.1				3.7	LR	11.4	-	-	-	-	F			SB Right turn lane -- entrance to Church of LDS LH Curve
20	2.780	2.0	OL		1.0		2.5				3.5	LR	5.6	-	-	-	-	F			SB Right turn lane -- outside shoulder core LH Curve
21	2.644	8.0	L1	X	0.7	2.0					2.7	LR	10.1	-	-	-	-	F			Raveling - RWP LH Curve
22	2.644	2.0	OL		2.1						2.1	LR	3.9	-	-	-	-	F			
23A	2.248	4.5	L1		1.0		1.0	1.6			3.6	LR	9.4	B	SL	II	S	P			East Side of Core
23B	2.248	4.5	L1		1.0		10.0				11.0	LR	3.0	B	SL	II	S	P			West Side of Core, Core length Field Measured
24	2.216	10.0	L1	X	1.8	1.0					2.8	NB	-	B	A	II	S	P			Alligator Cracking - RWP Embankment Pumping
25	2.937	8.5	R1	X	1.8			1.4			3.2	LR	7.3	-	-	-	-	F			Additional Core
26A	2.922	1.5	LRTL	X	1.6		2.8				4.4	LR	6.6	-	-	-	-	F			East Side of Core, Cored on Depression Widened portion of SB Turn Lane to Swan Lake Drive, LH Curve
26B	2.922	1.5	LRTL	X	1.6	2.2					3.8	LR	7.2	-	-	-	-	F			West Side of Core, Cored on Depression Widened portion of SB Turn Lane to Swan Lake Drive, LH Curve
27	2.922	2.0	OL		1.4	1.9					3.3	LR	3.0	-	-	-	-	F			Additional Core

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