

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

Project No.: 448791-1	Cored By: Ardaman & Associates	Date: 9/7-9/8/22 & 9/12-9/13/22	Page No.: 1 of 5
County: Brevard	Highway Sect. No: 70001	From: SR 50	To: East of SR 5 (US 1)
Road No.: SR 405	Begin MP: 0.000	End MP: 4.406	Length: 4.406 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-S	Type SP	Type S	Type I	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	0.109	8.0	R2	X	0.8	1.9	2.5				5.2	LR	12.3	B	ST	III	S	F			
2	0.296	10.5	R2	X	0.9	1.5	0.8		1.6		4.8	LR	7.3	B	SL	III	S	F			
3	0.387	8.5	RRTL	X	0.9	4.6					5.5	LR	12.0	-	-	-	-	F			
4	0.387	1.5	OR		1.3	2.7	2.0				6.0	LR	12.5	-	-	-	-	F			
5	0.958	9.0	RRTL	X	0.5		2.9				3.4	LR	10.2	-	-	-	-	F			
6	0.958	1.5	OR		0.8		2.7				3.5	LR	5.5	-	-	-	-	F			
7	1.337	3.0	RRTL	X	0.5		2.0				2.5	LR	10.5	B	ST	III	S	F			
8	1.337	1.0	OR		0.9	1.4					4.0	ABC	1.7	-	-	-	-	F			
9	1.447	9.0	R2		0.9	2.6	0.7		1.1		5.3	LR	10.7	-	-	-	-	F			
10	1.447	1.0	OR		1.2		2.0				7.9	ABC	4.7	-	-	-	-	F			the Coq Could be Subbase because it was too deep more than 3 ft
11	2.326	10.0	RRTL		0.4		1.5				1.9	LR	9.1	-	-	-	-	F			
12	2.326	1.0	OR		0.7		2.2				2.9	LR	8.1	-	-	-	-	F			
13	2.480	5.5	RRTL		0.5	0.9	1.9				3.3	LR	8.7	1.5	SL	II	M	F			
14	2.480	1.5	OR		0.7		3.3				4.0	LR	6.5	-	-	-	-	F			
15	2.851	6.5	RRTL		0.8		2.4				3.2	LR	5.8	-	-	-	-	F			
16	2.901	2.5	RRTL	X	0.7		2.3				3.0	LR	11.5	-	-	-	-	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

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17	2.901	1.5	OR		0.7		2.3				3.0	LR	8.0	-	-	-	-	F			
18	3.310	7.0	RRTL		0.7		3.5				4.2	LR	11.3	-	-	-	-	F			Unbonded at 2.0"
19	3.310	1.0	OR		0.8		3.3				4.1	LR	9.9	-	-	-	-	F			
20	3.372	10.5	R2	X	0.5	1.5	2.5				4.5	LR	8.5	B	ST	III	S	F			
21	3.372	1.0	OR		1.0		1.8				2.8	LR	11.2	B	ST	III	S	F			
22	3.799	6.0	RRTL		0.7	1.1	1.6				3.4	LR	12.6	-	-	-	-	F			
23	3.799	1.0	OR		0.6		2.3				2.9	LR	11.1	-	-	-	-	F			
24	3.870	4.0	R2		0.6	2.5	2.5				5.6	LR	-	B	BR	III	S	P			Unbonded at 2.5"
25	4.064	4.0	RRTL		0.5	1.6	1.4				3.5	LR	10.5	B	ST	III	S	F			
26	0.087	6.0	R1		0.5	1.8	1.6				3.9	LR	10.6	B	SL	III	S	P			
27	0.101	6.0	RLTL		0.4		1.6		1.2		3.2	LR	7.8	B	ST	III	S	F			
28	0.650	3.0	R1		0.5	0.7			2.3		3.5	LR	10.8	B	ST	III	S	F			
29	0.650	12.5	MXO		0.5		1.7		1.4		3.6	COQ	10.6	-	-	-	-	P			
30	1.018	5.0	R1		0.6	1.2	1.3		0.7		3.8	LR	-	-	-	-	-	F			
31	1.094	6.5	RLTL		0.7		1.7				2.4	LR	10.7	-	-	-	-	F			
32	1.121	13.0	MXO		0.8		1.2		1.6		3.6	COQ	8.9	-	-	-	-	F			

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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-S	Type SP	Type S	Type I	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
33	1.560	6.5	R1		0.7	1.2	1.1		0.8		3.8	LR	10.4	-	-	-	-	F			
34	4.280	11.0	L2		1.1	1.2	1.7				4.0	LR	-	-	-	-	-	F			
35	4.280	1.0	OL		0.8		2.7				3.5	LR	9.0	-	-	-	-	F			
36	3.901	2.5	L2	X	0.6	2.4	2.0	1.5			6.5	LR	7.5	B	SL	III	S	F			Unbonded at 3.0"
37	3.479	7.0	L2		0.8	2.0	2.2				5.0	LR	-	-	-	-	-	F			
38	3.479	3.0	LRTL	X	0.7	2.0	2.0				4.7	LR	6.3	-	-	-	-	F			
39	3.479	1.5	OL		0.8	2.2	1.1				4.1	COQ	9.8	-	-	-	-	F			
40	3.100	8.5	L2	X	0.8	1.5	1.5				3.8	LR	8.7	B	BR	III	S	P			
41	3.100	1.5	OL		0.5		2.0				6.8	ABC	4.3	-	-	-	-	F			
42	3.014	11.5	LRTL		0.8	1.5	1.3				3.6	LR	-	-	-	-	-	F			
43	3.014	1.0	OL		0.8		2.2				3.0	LR	11.0	-	-	-	-	F			
44	2.874	6.0	L2		0.8	2.0					2.8	COQ	-	-	-	-	-	F			
45	2.745	10.5	LRTL		0.9	2.3					3.2	LR	8.4	-	-	-	-	F			
46	2.745	1.0	OL		1.0		2.0				9.0	ABC	6.0	-	-	-	-	F			Core broke, Total depth was 9.0"
47	1.376	10.5	LRTL		0.8	1.2					2.0	COQ	11.5	-	-	-	-	F			
48	1.376	1.0	OL		0.7	1.8	1.5				4.0	COQ	5.6	-	-	-	-	F			

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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-S	Type SP	Type S	Type I	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
49	1.209	11.0	L2		0.7	1.8			0.7		3.2	COQ	10.8	-	-	-	-	F			
50	1.209	1.0	OL		0.7		1.4				2.1	COQ	9.8	-	-	-	-	F			
51	1.590	16.0	MXO		0.6		2.5				3.1	COQ	10.4	-	-	-	-	P			
52	1.562	10.5	LRTL		0.4	1.5		0.5			2.4	COQ	6.6	-	-	-	-	F			
53	1.562	1.0	OL		0.7		1.8				10.5	ABC	8.0	-	-	-	-	F			Core broke, Total depth was 10.5"
54	0.326	3.0	L2	X	0.5	1.0	1.3		0.8		3.6	COQ	9.4	B	SL	III	S	F			
55	0.326	1.5	OL		0.8		2.2				6.8	ABC	3.8	-	-	-	-	F			
56	0.205	8.0	LRTL		0.5		2.7				3.2	COQ	14.8	-	-	-	-	F			
57	0.205	2.0	OL		0.6		2.9				3.5	COQ	17.5	-	-	-	-	F			
58	0.081	5.0	LRTL		0.7	5.1					5.8	LR	14.7	1.0	SL	M	F	F			
59	0.081	1.5	OL		0.6	1.6	5.5				7.7	LR	13.3	-	-	-	-	F			
60	0.068	11.0	L2		0.8	2.4	2.3				5.5	LR	-	B	SL	III	S	P			Unbonded at 3.2"
61	3.920	5.5	LLTL		0.8	1.4	1.8				4.0	LR	10.0	-	-	-	-	F			
62	3.863	4.0	L1		0.5	1.3	1.4	1.8			5.0	LR	9.5	B	ST	III	S	F			
63	3.239	2.0	L1		0.5	1.5	2.0	1.8			5.8	LR	10.2	B	BR	III	S	P			
64	2.984	6.5	LLTL		0.8	2.0	1.7				4.5	LR	9.5	-	-	-	-	F			

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					FC-5	Type SP	Type S	Type I	Binder	Type		Thick-ness (in)	Depth (in)	Type	Class	Extent					
65	2.831	3.0	L1	X	0.6	1.2	1.1		1.0		3.9	LR	10.1	B	ST	III	S	F			Unbonded at 3.0"
66	2.463	6.0	LLTL		0.8	0.8	2.4				4.0	LR	10.5	B	ST	III	S	F			
67	1.585	2.5	L1		0.5	1.7	0.8		1.3		4.3	LR	11.7	B	BR	III	S	P			
68	1.380	4.0	LLTL		0.5	2.0	0.5		0.9		3.9	LR	5.1	B	BR	III	S	F			
69	1.167	6.0	LLTL		0.8	1.2	1.8	1.4			5.2	LR	9.8	-	-	-	-	F			
70	0.240	7.0	LLTL		1.0	1.8	1.2				7.8	ABC	3.8	-	-	-	-	F			
71	0.060	5.0	LLTL			1.2	1.6		1.6		4.4	COQ	11.6	-	-	-	-	F			
72	1.800	5.0	RLTL		0.7	1.3			1.7		3.7	COQ	10.3	-	-	-	-	F			
73	1.915	2.0	R1		0.5	1.3	1.2		1.3		4.3	COQ	-	-	-	-	-	F			
74	2.789	8.0	R1		0.6	1.4	1.5		1.2		4.7	COQ	10.3	B	ST	III	S	F			
75	3.150	15.0	MXO		0.5		2.4				2.9	LR	10.1	-	-	-	-	P			
76	4.083	3.5	R1	X	0.8		3.8				4.6	LR	-	B	ST	III	S	F			
77	4.351	7.0	R1		0.8	1.5	1.7		2.0		6.0	LR	9.0	-	-	-	-	F			

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