

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

Project No.: 443957-1					Cored By: Ardaman & Associates (RK, AB)							Date: 25-03-20				Page No.: 1 of 5			
County: Brevard					Highway Sect. No.: 70100							From: Orange County Line				To: West of SR 524			
Road No.: SR 520					Begin MP: 0.038							End MP: 2.748				Length: 1.431			
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)							Base		Crack				Pavt Cond.	Comments
					FC-5	FC-12.5	Type SP	ARMI	Type S	Type II w/ Shell	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent		
2	0.091	4.0	R2	-	1.0		3.5				4.5	LR	6.5	2.6	OGFC	III	L	F	Asphalt Rippling
3	0.100	8.5	RRTL	X	0.9		3.1				4.0	LR	8.0	-	-	-	-	F	EB Right Turn Lane to James Bourbeau Memorial Park
4	0.100	3.5	OR	-	0.9		1.9				2.8	LR	5.7	-	-	-	-	F	
5	0.258	9.0	R2	X	0.8		3.6				4.4	LR	9.6	B	A	III	M	P	
6	0.606	3.0	R2	X	0.9		3.0				3.9	LR	-	B	Br	III	M	P	Asphalt Rippling
7	0.886	9.5	R2	X	0.6		3.3				3.9	LR	7.6	B	A	III	S	P	
8	0.886	5.0	RRTL	-	1.1		2.9				4.0	LR	8.5	-	-	-	-	F	EB Right Turn Lane to F. Burton Smith Park
9	1.277	8.5	R2	X	1.0		3.3				4.3	LR	6.7	2.5	A	II	S	P	
10	1.277	3.0	OR	-	1.0		1.8				2.8	LR	7.2	-	-	-	-	F	
11	2.010	9.5	R2	X	0.4		3.1				3.5	LR	-	B	A	II	S	P	Asphalt Rippling
12	2.284	2.0	OR	-	1.3		2.1				3.4	LR	8.6	-	-	-	-	F	
13	2.711	6.0	R2	-	1.3		2.9				4.2	LR	13.3	-	-	-	-	P	
14	2.530	5.0	L2	-	0.8		5.2	0.7	2.9	1.4	11.0	SBRM	10.5	B	ST	II	L	F	
15	2.530	2.5	OL	-	1.1		3.0				4.1	LR	10.9	-	-	-	-	F	
16	2.248	3.5	L2	-	0.7		4.2	0.7	3.2	1.2	10.0	SBRM	12.5	5.0	Br	III	S	P	
17	1.766	9.0	L2	X	0.7		4.5	0.8	2.8	1.0	9.8	SBRM	12.2	B	SL	III	L	F	

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement Note: There are some skips in core numbering due to hand-drill at bridge slabs. The following Core # 1 is skipped.

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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County: Brevard					Highway Sect. No: 70100							From: Orange County Line				To: West of SR 524			
Road No.: SR 520					Begin MP: 0.038							End MP: 2.748				Length: 1.431			
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.	Comments	
					FC-5	FC-12.5	Type SP	ARMI	Type S	Type II w/ Shell	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class			Extent
18	1.745	5.5	LRTL	-			5.0				5.0	LR	15.0	-	-	-	-	F	WB Turn Lane to Chevron Gas
19	0.998	6.0	L2	-	0.7		3.7				4.4	LR	12.4	-	-	-	-	F	
20	0.998	2.5	OL	-	1.3		1.4				2.7	LR	14.8	-	-	-	-	F	
21	0.573	6.0	L2	-	1.0		3.6				4.6	LR	-	-	-	-	-	F	
22	0.084	2.0	L2	X	0.7		6.7				7.4	ABC	6.6	1.5	SL	I	M	F	
24	0.081	5.0	R1	-	0.5		3.5				4.0	LR	11.3	-	-	-	-	F	
25	0.097	10.0	RLTL	X	0.7		3.8				4.5	LR	11.5	-	-	-	-	F	12' Wide Lane. EB Left Turn Lane for "U-Turns"
26	0.217	2.5	R1	X	0.9		3.4				4.3	LR	-	2.0	SL	II	L	F	
27	0.719	5.5	R1	-	0.5		2.7				3.2	LR	8.3	-	-	-	-	F	
28	0.868	2.5	RLTL	X	1.0		3.3				4.3	LR	12.2	-	-	-	-	F	12' Wide Lane. EB Left Turn Lane for "U-Turns"
29	0.904	8.5	R1	X	0.6		2.9				3.5	LR	11.5	B	A	III	S	P	Adjacent Lane R2 is Patched
30	1.117	7.5	R1	X	0.9		3.0				3.9	LR	-	-	-	-	-	F	
31	1.117	1.0	IR	-	0.9		2.0				2.9	LR	9.1	-	-	-	-	F	
32	1.220	5.5	RLTL	-	0.5		4.1				4.6	LR	8.9	-	-	-	-	F	12' Wide Lane. EB Left Turn Lane for "U-Turns"
33	1.609	10.0	RLTL	X	0.4		3.3				3.7	LR	10.8	-	-	-	-	F	12' Wide Lane. EB Left Turn Lane to Satellite Blvd.
34	1.898	9.0	R1	X	0.6		3.1				3.7	LR	9.3	B	SL	III	L	F	

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement Note: There are some skips in core numbering due to hand-drill at bridge slabs. The following Core # 23 is skipped
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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County: Brevard					Highway Sect. No: 70100							From: Orange County Line				To: West of SR 524			
Road No.: SR 520					Begin MP: 0.038							End MP: 2.748				Length: 1.431			
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)							Base		Crack				Pavt Cond.	Comments
					FC-5	FC-12.5	Type SP	ARMI	Type S	Type II w/ Shell	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent		
35	1.898	1.0	IR	-	0.9		2.5				3.4	LR	9.1	-	-	-	-	F	
36	2.720	5.0	R1	-	1.5		3.1				4.6	LR		-	-	-	-	F	Raveling
37	2.640	8.0	L2	-	1.2		3.8	0.7	4.8	1.5	12.0	SBRM	12.0	5.0	Br	II	L	F	Core split/unbonded at 6.7 inches. Core was supposed to be taken from L1
38	2.364	3.5	LLTL	-	0.7		4.0				4.7	ABC	7.3	0.3	OGFC	II	L	F	Crack in middle of core from 3.5 to 7.0 inches. WB Turn Lane for "U-Turns"
39	2.270	21.0	MXO	-	0.5		5.2				5.7	LR	13.3	-	-	-	-	F	
40	1.990	6.0	L1	-	0.6		8.4	0.5	2.1	1.0	12.6	SBRM	8.4	0.5	OGFC	II	L	F	
41	1.990	1.0	IL	-	1.1		2.8				3.9	ABC	8.4	-	-	-	-	F	
42	1.756	6.0	LLTL	-	0.8		5.0				11.9	ABC	6.1	-	-	-	-	F	Asphalt Rippling. WB Turn Lane for "U-Turns"
43	1.681	25.0	MXO	-	0.9		3.5				4.4	LR	13.1	-	-	-	-	F	
44	1.464	2.0	L1	X	0.8		2.9		6.8	1.0	11.5	SBRM	11.2	-	-	-	-	F	Asphalt Rippling
45	1.353	2.0	LLTL	X	1.0		2.6				3.6	LR	9.9	-	-	-	-	F	Asphalt Rippling. WB Turn Lane for "U-Turns"
46	1.007	5.5	LLTL	-	0.8		2.9				3.7	LR	10.3	-	-	-	-	F	11'10" lane. WB Turn Lane for "U-Turns"
47	0.943	22.5	MXO	-	1.0		3.2				4.2	LR	7.3	-	-	-	-	F	
48	0.918	5.5	L1	-	0.9		3.4				4.3	LR	-	-	-	-	-	F	
49	0.492	2.5	L1	X	0.7		3.4				4.1	LR	9.9	-	-	-	-	F	
50	0.492	1.0	IL	-	0.7		1.6				2.3	LR	11.0	-	-	-	-	F	

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County: Brevard	Highway Sect. No: 70100	From: Orange County Line	To: West of SR 524
Road No.: SR 520	Begin MP: 0.038	End MP: 2.748	Length: 1.431

Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.	Comments		
					FC-5	FC-12.5	Type SP	ARMI	Type S	Type II w/ Shell	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class			Extent	
51	0.180	23.5	MXO	-	1.0		3.7				4.7	LR	5.8	-	-	-	-	F		
52	0.062	6.0	L1	-		1.2	2.8				4.0	ABC	8.0	-	-	-	-	G	Newly Resurfaced Area.	

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County: Brevard	Highway Sect. No.: 70100	From: Orange County Line	To: West of SR 524
Road No.: SR 520	Begin MP: 0.038	End MP: 2.748	Length: 1.431

Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.	Comments	
					FC-5	FC-12.5	Type SP	ARMI	Type S	Type II w/ Shell	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class			Extent
D1	0.042	6.0	R2	-							4.0	PCC	-	-	-	-	-	F	Bridge # 700217 EB
D23	0.038	5.5	R1	-							4.5	PCC	-	-	-	-	-	F	Bridge # 700217 EB

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