

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

Project No.: 423630-1	Cored By: Universal Engineering Sciences	Date: 7/29/2009	Page No.: 1 of 4
County: Brevard	Highway Sect. No.: 70060	From: End of One Way Pairs	To: SR 520
Road No.: SR 520	Begin M.P.: 33.999	End M.P.: 36.148	Length:

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-4	FC-2	Type S	Type II	Type I	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
43	34.040	5	R1		0.6				1.5	1.3	3.4	LR	4.6	B	SL	II	S	P			6.0" SAHM found below LR
46	34.346	3	R1	X	0.6				1.3	1.3	3.2	LR	--	B	SL	II	S	P			
48	34.748	6	R1		0.8				1.5	1.2	3.5	LR	5.0		SL	II	M	P			6.0" SAHM found below LR
50	35.202	7	R1	X	0.5				1.2	1.1	2.8	LR	--	B	BR	II	S	P			
52	35.411	4	R1		1.0				1.1	1.4	3.5	LR	5.5	B	SL	II	S	P			4.3" SAHM found below LR
53	35.615	5	R1		0.7				1.4	1.1	3.2	LR	--	B	SL	II	S	P			
56	35.896	3	R1	X	0.4				1.6	1.2	3.2	LR	8.3	B	SL	II	S	P			5.5" SAHM found below LR
58	36.144	2.5	R1	X		0.4			7.0		7.4	SAHM	1.5					P			
42	34.038	4	L1		0.8				1.5	1.1	3.4	LR	4.7	B	SL	I	M	P			5.6" SAHM found below LR
41	34.431	3	L1	X	0.9				1.4	1.4	3.7	LR	6.0	B	SL	I	M	P			6.2" SAHM found below LR
40	34.822	2.5	L1	X	0.5				1.2	1.4	3.1	LR	--	B	BR	I	S	P			
39	35.180	3	L1	X	0.7				1.6	1.5	3.8	LR	3.9	B	SL/BR	I	S	P			6.8" SAHM found below LR
38	35.595	5	L1		0.7				1.4	1.4	3.5	LR	--	B	SL	II	S	P			
37	35.748	4.5	L1		0.8				2.6	1.5	4.9	LR	8.1	B	SL	II	S	P			
36	35.927	5.5	L1		0.6				1.7	1.5	3.8	LR	--	B	SL	II	M	P			
22	34.242	6	R2		0.6				1.5	1.1	3.2	LR	8.8	B	SL	II	S	P			LWP/ RWP

Remarks: A=Alligator B=Base BL=Block BR=Branch Cracking OGFC= Open-Graded FC Stress Cracks SL=Single Longitudinal Crack L=Light Cracking
M=Moderate Cracking S=Severe Cracking G=Good F=Fair P=Poor ST=Single Transverse Crack LR=Limerock LML=Westbound Merge Lane
ABC = Asphalt Base Course SC= Soil Cement RRTL=North or Eastbound Right Turn Lane RLTL=North or Eastbound Left Turn Lane
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					FC-4	FC-2	Type S	Type II	Type I	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
24	34.624	6.5	R2	X	0.5				1.4	1.1	3.0	LR	--	B	SL	II	S	P				
28	35.050	6.5	R2		0.5				1.3	1.1	2.9	LR	8.4	B	SL	I	L	P				
29	35.310	6	R2		0.8				1.4	1.4	3.6	LR	--	B	SL	I	M	P				
30	35.590	9	R2	X	0.5				1.4	1.4	3.3	LR	8.2	B	BR	I	S	P				
33	35.775	7.5	R2	X	0.7				3.8		4.5	NB	--	B	BR	I	S	P			No Base -- Stab Sub Grade Below Core	
35	35.974	2.5	R2	X	0.5				1.4	1.2	3.1	LR	9.7					P				
34	35.976	8.5	R2	X	0.5		3.7				4.2	ABC	9.7					P			Crack at Center of Road	
19	33.960	6.5	L2		0.6		1.3		1.4		3.3	LR	10.2	B	SL	II	S	P				
16	34.325	7.5	L2	X	0.8				1.7	1.3	3.8	LR	--					P				
14	34.888	5	L2	X	0.9				1.9	1.1	3.9	LR	7.4	B	ST	II	S	P				
11	35.182	2.5	L2	X	0.7				1.4	1.5	3.6	LR	--	B	BR	II	S	P				
6	35.578	2.5	L2	X	0.4				1.9	1.4	3.7	LR	8.3	B	A	II	M	P				
5	35.787	8	L2	X	0.6		0.6				13.8	ABC	12.6	3.1	BR	I	S	P				
4	35.991	2.5	L2	X	0.3				2.6	1.5	4.4	LR	9.6	2.5	BR	I	S	P				
3	35.993	9	L2	X	0.3				3.4		3.7	NB	--	B	ST	I	S	P			No Base -- Stab Sub Grade Below Core	
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Road No.: SR 520	Begin M.P.: 33.999	End M.P.: 36.148	Length:

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-4	FC-2	Type S	Type II	Type I	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
20	34.127	7	RRTL		1.3		2.4				3.7	LR	15.3					P			RRTL to Xanadu
21	34.179	4	RRTL		0.9		1.9				2.8	LR	9.5					P			RRTL to Cocoa Isles
25	34.810	7.5	RRTL	X	0.4		0.8	1.2			2.4	LR	12.4					P			RRTL to Doubletree/Hilton
26	34.863	7.5	RRTL	X		0.5	3.7				4.2	LR	13.8					F			RRTL to Resort on Cocoa Beach
31	35.598	7.5	RRTL	X	0.6		2.2				2.8	LR	13.9					P			RRTL to Hampton/Courtyard
18	34.213	8	LRTL	X	0.7		4.3				5.0	ABC	4.6					P			LRTL to Cocoa Isles
13	35.053	6	LRTL		1.3		3.3				4.6	LR	13.2					P			LRTL to Business Building
12A	35.115	2.5	LRTL	X	1.0		5.8				6.8	LR									Extended TL to Bannana River Blvd
12B	35.115	2.5	LRTL	X	0.5		3.0				3.5	LR	5.0	B	ST	II	L	P			Original TL from Bananna River Square Plaza
10	35.200	8	LRTL	X	0.8		1.3				2.1	LR	10.4	B	SL	I	S	P			LRTL to Banana River Shoppes
8	35.370	7.5	LRTL	X	0.7		1.3				2.0	LR	11.0	B	SL	II	S	P			LRTL to Fisher Park
9	35.571	2	LRTL	X	1.0				2.2		3.2	LR	10.3					P			LRTL to Fisher Park
2	36.030	4	LRTL		0.3		0.7	1.0			2.0	LR	3.8	B	ST	I	L	P			LRTL to Marion Lane
1A	36.100	6	LRTL		0.6		3.4				14.8	ABC	10.8	B	SL	I	S	P			LRTL / Merge Lane from SR 520
1B	36.100	6	LRTL		0.6		3.4				4.0	Conc.	7.5								Concrete on East Side of Core
55	35.815	4	RLTL		0.7				1.6	1.3	3.6	LR	4.4					P			6.5" SAHM found below LR RRTL to St. Lucie Lane

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					FC-4	FC-2	Type S	Type II	Type I	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
57	35.996	3	RLTL	X	0.6				1.6	1.1	3.3	LR	4.5					P			6.5" SAHM found below LR RLTL to Canaveral Plaza
23	34.254	1.5	OR		0.8		3.8			4.6	LR	4.4						P			
27	34.933	1.5	OR		0.8		4.1			4.9	LR	4.6						P			ST Cracks at Edge of Pavement
32	35.638	2.0	OR		0.7		3.6			4.3	NB	--						P			No Base - - Stab Sub Grade Below Core
17	34.267	2	OL		0.7		4.4			5.1	NB	--						P			Cracks at Edge of Pavement; No Base - Stab Sub Grade below Core
15	34.833	2	OL		0.8		3.9			4.7	NB	--						P			No Base - - Stab Sub Grade Below Core
7	35.539	2	OL		1.1		4.1			5.2	NB	--						P			No Base - - Stab Sub Grade Below Core
44	34.052	3	CTL		1.0			1.2	1.1	3.3	LR	2.7	B	BR	II	S		P			5.5" SAHM found below LR Slopes to R1
45	34.303	4.5 from R1	CTL		1.0			1.5	1.4	3.9	LR	3.6						P			5.8" SAHM found below LR Slopes to R1
47	34.633	5 from R1	CTL		0.8			1.4	1.2	3.4	LR	5.8	B	ST	II	M		P			3.7" SAHM found below LR To L1/ to R1 - Crown
49	34.882	4 from R1	CTL		0.6			1.4	1.3	3.3	LR	--	B	SL	I	M		P			To R1/ to L1 - Crown
51	35.378	3 from R1	CTL	X	0.4			1.5	1.4	3.3	LR	4.7						P			6.0" SAHM found below LR To R1 / to L1 - Crown
54	35.628	2 from R1	CTL		0.5			1.5	1.3	3.3	LR	--						P			To R1/ to L1 - Crown

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