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

Project No.: 427259-1	**Cored By:** Universal Engineering Sciences	**Date:** 2/2/2011	**Page No.:** 1 of 1
County: Seminole	**Highway Sect. No:** 77060	**From:** Pine Avenue	**To:** SR 434 (Central Avenue)
Road No.: SR 426	**Begin M.P.** 6.262	**End M.P.:** 6.992	**Length:** 0.73 miles

Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	FC 3	Type S	Type II	ABC		Core Length (in)	Base Type	Base Thick-ness (in)	Crack Depth (in)	Crack Type	Crack Class	Crack Extent	Pavt Cond.	Rut Depth (in)	Cross Slope (%)	Comments
8	6.355	6.0	R1		1.1	2.1				3.2	LR	8.6	B	BR/SL	I	S	P			Extra asphalt in the center of core only
10a	6.643	8.0	R1	X	0.5	2.7				3.2	LR	13.1	B	A/SL	III	S	P			Deepest side of core outside of road in widening
10b	6.643	8.0	R1	X	0.5	4.8				5.3	LR	11.0	B	A/SL	III	S	P			Deepest side of core outside of road in widening
1	6.950	13.0	R1		0.5	1.7				2.2	PCC	Curb	B	BR	II	S	P			Taken at Curb for Asphalt Depth
5	6.487	8.5	L1	X	0.6	7.7				8.3	LR	6.5	B	B	I	S	P			
3	6.885	7.0	L1	X	1.0	0.6				1.6	LR	9.9	B	SL	I	S	P			
2	6.946	13.0	L1		0.5	2.1				2.6	PCC	Curb	B	ST	II	S	P			Taken at Curb for Asphalt Depth
9	6.355	1.5	OR		1.5	0.9		4.1		6.5	ABC	4.1					F			
6a	6.488	1.0	OL		0.8	3.3				4.1	LR	9.9	B	SL	II	M	P			
6b	6.488	1.0	OL		0.8	1.9		2.0		4.7	ABC	2.0	B	SL	II	M	P			
7	6.445	5.0 from L1	CL		0.9	1.2				2.1	LR	12.2	B	BR	I	L	P			
4	6.870	6.5 from R1	CL		1.2	1.0				2.2	LR	10.3					F			

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement Two Cross Slope Values = 1st is LWP, 2nd is RWP

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

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Project No.: 422015-1	**Cored By:** Universal Engineering Sciences	**Date:** 01/22/11, 01/29/11, 02/05/11	**Page No.:** 1 of 1
County: Seminole	**Highway Sect. No:** 77170	**From:** N. of Mitchell Hammock Rd	**To:** Broadway Street
Road No.: SR 419/434	**Begin M.P.** 3.219	**End M.P.:** 4.026	**Length:** 0.807 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 2	Type S	Type II	ABC		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	3.300	9.0	R1	X	0.6	2.5	1.6			4.7	LR	9.3	B	BR	II	S	P			
2	3.569	9.0	R1	X	0.8	3.6	1.0			5.4	LR	2.1	2.0	SL	II	S	P			3.75" SAHM Under LR
3	3.863	5.0	R1		0.5	3.5	1.1			5.1	LR	2.4	B	BR	III	S	P			4.25" SAHM Under LR; Worn Surface
8	3.285	4.0	L1	X	0.5	2.5	1.8			4.8	LR	2.7	B	ST	II	M	P			6.5" SAHM Under LR
7	3.566	9.5	L1	X	0.5	2.9	2.3			5.7	LR	2.6	1.0	BR	II	L	P			7" SAHM Under LR; Worn Surface
5	3.830	9.0	L1	X	0.4	5.8	1.3			7.5	LR	9.0	2.5	BR	III	S	P			Worn Surface
4	3.865	1.5	OR		0.5	1.5		4.3		6.3	ABC	4.3					P			Severe Worn Surface
6	3.830	1.5	OL		1.0	1.1		2.3		4.4	ABC	2.3					P			Severe Worn Surface

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Project No.: 422015-1	**Cored By:** Universal Engineering Sciences	**Date:** 01/22/11, 01/29/11, 02/05/11	**Page No.:** 1 of 4
County: Seminole	**Highway Sect. No:** 77070 & 77070-001	**From:** West of Jetta Place	**To:** SR 426
Road No.: SR 419/434	**Begin M.P.** 6.765	**End M.P.:** 9.465	**Length:** 2.7 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 6	FC 4	Type S	Type II W/Shell	Type II	ABC	Surface Treat	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
55	7.008	6.0	R1			1.3		2.5					3.8	LR	10.0					F			
41	7.350	9.0	R1	X		0.8		2.9	3.5			0.7	7.9	LR	6.6	B	BR/SL	II	M	P			
37	7.615	3.0	R1	X		2.0		2.8					4.8	LR	11.7					F			MP Moved to avoid traffic
36	7.626	8.0	R1	X		2.0		3.7					5.7	LR	8.8					F			MP Moved to avoid traffic
34	7.753	3.5	R1	X		1.2		2.0	3.5	1.3		0.3	8.3	LR	7.2					F			LWP
35	7.753	8.5	R1	X		1.2		3.2					4.4	LR	14.9					F			RWP
29	7.904	3.0	R1	X		1.0	0.8	2.1	1.8	1.0		0.8	7.5	LR	6.5					F			MP 0.015 Section 77070-001/Concrete under LR (possibly pipe)
30	7.904	8.0	R1	X		1.0	0.9	2.6	3.7	2.5			10.7	LR	6.6					F			MP 0.015 Section 77070-001/Cross Slope at Edge of Pavement
23a	8.315	2.0	R1	X	0.6			4.9					5.5	LR	3.3	B	SL	II	S	P			Split Core, Thickest asphalt outside of road; Granite in Friction; SAHM under LR
23b	8.315	2.0	R1	X	0.6			2.4					3.0	LR	11.8	B	SL	II	S	P			Split Core, Thickest asphalt outside of road; Granite in Friction; SAHM under LR
24	8.315	8.5	R1	X	0.7			4.3					5.0	LR	11.8					F			Granite in Friction
17	8.641	7.0	R1			1.2		1.8	3.7	1.3		0.5	8.5	LR	7.8					G			Granite in Friction
15	9.014	3.0	R1	X			0.9	2.1	0.7	1.1		0.5	5.3	LR	5.2	1.5	SL	II	M	P			3" Bricks under LR; Worn Surface
16a	9.014	9.0	R1	X			0.7	2.6	1.3	5.5			10.1	LR	4.9					P			Worn Surface
16b	9.014	9.0	R1	X			0.7	2.6	1.3	3.7			8.3	LR	6.7					P			Worn Surface
12a	9.320	9.0	R1	X			1.9	4.4		0.8			7.1	SAHM W/Shell	3.2	B	BR	II	M	P			Core on Patch, Worn Surface

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement Two Cross Slope Values = 1st is LWP, 2nd is RWP

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Project No.: 422015-1	**Cored By:** Universal Engineering Sciences	**Date:** 01/22/11, 01/29/11, 02/05/11	**Page No.:** 2 of 4
County: Seminole	**Highway Sect. No:** 77070 & 77070-001	**From:** West of Jetta Place	**To:** SR 426
Road No.: SR 419/434	**Begin M.P.** 6.765	**End M.P.:** 9.465	**Length:** 2.7 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 6	FC 4	Type S	Type II W/Shell	Type II	ABC	Surface Treat	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
12b	9.320	9.0	R1	X			1.0	4.3		0.8			6.1	SAHM W/Shell	4.2	B	BR	II	M	P			Core on Patch, Worn Surface
52	6.844	2.0	L1			1.1		3.9					5.0	LR	10.3	B	BR	I	L	P			
51	7.070	7.5	L1				0.9	3.0					3.9	LR	23.1					P			Worn Surface
42	7.325	9.5	L1	X	0.5			6.6	0.8				7.9	LR	10.1	B	SL	II	S	P			Rut Depth at EOP; LR Mixed with other material - See Field Photo
39	7.518	8.0	L1	X			0.7	4.2	7.0		4.6	0.3	16.8	LR	10.2					P			Worn Surface
38	7.536	3.0	L1	X			0.8	2.4	4.2		2.1	2.1	11.6	LR	6.9					P			Worn Surface
32	7.753	9.0	L1	X			0.5	3.7					4.2	LR	11.8	2.8	BR	I	M	P			Worn Surface
33a	7.753	5.5	L1	X		1.0		1.6					2.6	SAHM	9.2	B	SL	I	L	P			Worn Surface, SAHM Broke off; See Field Photo
33b	7.753	5.5	L1	X		1.0		1.6					2.6	LR	9.2	B	SL	I	L	P			Worn Surface; See Field Photo
26a	7.904	9.0	L1	X		1.0	0.9	1.4					3.3	LR	4.2	B	SL	II	M	P			MP 0.015 Section 77070-001/Cross Slope at Edge of Line; Granite in Friction
26b	7.904	9.0	L1	X		1.0	0.9	2.1					4.0	LR	3.5	B	SL	II	M	P			MP 0.015 Section 77070-001Cross Slope a Edge of Line; Granite in Friction
27	7.904	4.0	L1	X		1.0	0.7	1.5	3.3	1.4		1.4	9.3	LR	7.7					F			MP 0.015 Section 77070-001Surface Treatment has two courses.
21a	8.315	7.5	L1	X	0.6		0.7	2.5					3.8	SAHM W/Shell	6.5	B	A	III	S	P			See Field Photo for Core 21 Rut Depth, Severe Conditions; Granite in Friction
21b	8.315	7.5	L1	X	0.6		0.7	2.5					3.8	SC & SAHM	6.5	B	A	III	S	P			See Field Photo for Core 21 Rut Depth, Severe Conditions; Granite in Friction
22	8.315	2.5	L1	X	0.7		0.3	2.5	2.5	2.5		0.4	8.9	LR	6.6					F			Granite in Friction
19	8.610	9.0	L1	X	0.5			1.3	6.7				8.5	LR	2.0	B	A	III	S	P			Type 2 Shell Layer broke off - total cor length -8.5

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Road No.: SR 419/434	**Begin M.P.** 6.765	**End M.P.:** 9.465	**Length:** 2.7 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 6	FC 4	Type S	Type II W/Shell	Type II	ABC	Surface Treat	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
13	9.015	3.0	L1	X			0.5	1.5	1.1	0.7		0.6	4.4	LR	4.6	B	SL	III	M	P			3" Bricks under LR; RWP, Worn Surface
14a	9.015	9.0	L1	X			0.5	1.8	2.4	1.5		0.4	6.6	LR	7.7					P			3" Bricks under LR; LWP, Worn Surface
14b	9.015	9.0	L1	X			0.5	1.8	3.2	1.2		0.4	7.1	LR	7.2					P			3" Bricks under LR; LWP, Worn Surface
10	9.320	3.0	L1	X			0.6	1.5	1.0	1.2		0.9	5.2	LR	6.8	B	BR	III	S	P			Bricks under LR; Worn Surface
46	6.802	6.0	R2			1.0		3.5			6.2		10.7	ABC	6.2					F			
49	7.006	10.0	R2			1.2		2.6					3.8	LR	10.2					F			
45	6.844	3.0	L2	X		1.0		3.6					4.6	LR	11.4	B	BR	I	S	P			
44	7.074	7.5	L2	X			0.7	2.7					3.4	LR	21.6	B	BR	II	S	P			Worn Surface

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					FC 5	FC 6	FC 4	Type S	Type II W/Shell	Type II	ABC	Surface Treat	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
47	6.802	4.5	RRTL	X		1.0		3.5			6.2		10.7	ABC	6.2					F			EB Right Turn Lane to SR 417 South
40	7.482	8.0	RRTL	X			0.5	3.7					4.2	LR	13.1	1.5	BR	I	L	P			EB right Turn Lane to Mactavantish Drive/Worn Surface
25	8.282	7.0	RRTL		0.9			4.2					5.1	LR	9.2					F			EB Right Turn Lane to Ellington Place
54	6.888	7.0	RLTL			1.0		3.8					4.8	LR	11.0					P			EB Left Turn Lane to SR 417 North/LWP/RWP; Ripples
9	9.370	3.0	LRTL				0.8	1.9					2.7	LR	11.8					P			WB Right Turn Lane to Oveido Shopping Center/Worn Surface
48	6.802	2.0	OR			1.0		3.8			7.0		11.8	ABC	7.0					F			
50	7.006	5.0	OR				1.2	3.1					4.3	LR	9.7					P			Worn Surface
31	7.904	1.5	OR			1.2		2.4					3.6	LR	11.7					F			MP 0.015 Section 77070-001/Rut Depth conditions as shown on Picture for Core 21
18	8.641	1.5	OR				1.4	2.6					4.0	LR	5.0					P			Worn Surface
43a	7.153	1.0	OL		1.1			7.2					8.3	LR	13.0					G			Thickest asphalt outside of road
43b	7.153	1.0	OL		1.1			3.9					5.0	LR	16.3					G			Thickest asphalt outside of road
28	7.906	1.5	OL			1.5		2.0					3.5	LR	10.3					F			MP 0.017 Section 77070-001
20	8.610	1.5	OL		0.5			1.1					1.6	LR	6.2					P			Worn Surface, Could not mearsure accurate Cross Slope due to road conditions
11	9.320	4.5 from L1	CL				1.0	2.3	0.8	1.0		0.4	5.5	LR	6.5					P			Bricks under LR; Worn Surface

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