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

Project No.: 427225-1	**Cored By:** Universal Engineering Sciences	**Date:** 4/12/2010	**Page No.:** 1 of 3
County: Brevard	**Highway Sect. No:** 70010	**From:** South of Roosevelt Avenue	**To:** New Haven Avenue
Road No.: SR 5	**Begin M.P.** 16.237	**End M.P.:** 17.260	**Length:** 1.023

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	Type S	Type I	Type II	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
23	16.371	5	L1		0.5	2.5			0.7	3.7	LR	10.1	B	SL	I	M	P			
22 a	16.734	4	L1		0.4	1.9			1.9	4.2	LR	6.8	B	SL	I	M	P			
22 b	16.734	4	L1		0.4	1.9				11.2	ABC	8.9	B	SL	I	M	P			
21	17.201	3.5	L1	X	1.2	3.0				10.8	ABC	6.6					P			
8	16.410	3.5	L3	X	0.3	2.5				2.8	LR	11.0	B	BR	I	S	P			
7	16.696	9	L3	X	0.7	3.7				4.4	LR	20.6					P			
6	16.868	9	L3	X	0.5	3.6	1.5			5.6	LR	8.2					P			
32	17.032	9.5	L3		1.0	5.0				11.5	ABC	5.5					P			Before Bridge Approach (#700006) - Widening
33	17.032	3	L3	X	0.6	1.2	2.4			4.2	LR	7.8					P			Before Bridge Approach (#700006) - Original
4	17.037	10	L3	X	[See Note 2 on Bottom Right Corner]					4.5	PCC	- -					P			Bridge Approach (#700006) - South Side
5	17.037	3	L3	X	[See Note 2 on Bottom Right Corner]					4.9	PCC	- -					P			Bridge Approach (#700006) - South Side
2	17.107	10	L3	X	[See Note 2 on Bottom Right Corner]					6.0	PCC	- -					P			Bridge Approach (#700006) - North Side
3	17.107	3.5	L3	X	[See Note 2 on Bottom Right Corner]					5.5	PCC	- -					P			Bridge Approach (#700006) - North Side
1	17.200	3	L3	X	0.6	4.4				5.0	LR	8.5	B	SL	I	L	P			After Bridge Approach (#700006) - Original
31	17.203	10	L3		1.0	6.2				15.0	ABC	7.8					P			After Bridge Approach (#700006) - Widening
24	16.493	5.5	R1		1.0	2.0			1.4	4.4	LR	8.1	B	SL	I	L	P			

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;

Base Types: LR= Limerock; COQ= Coquina; SC= Soil Cement; ABC= Asphalt Base; SAHM= Sand Asphalt Hot Mix; NB= No Base

Note 1: Pavement exhibits worn surface for length of project cored.

Note 2: Core #2 -5, #14 - 17 were not extracted but thickness of asphalt cut is measured.

Due to a change of project scope - a portion of SR 5 (US 1) from MP 17.188 to 17.260 is now covered under an earlier project (FPN 424886-1).
The shaded rows represents the core data no longer applicable under this project

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County: Brevard	**Highway Sect. No:** 70010	**From:** South of Roosevelt Avenue	**To:** New Haven Avenue
Road No.: SR 5	**Begin M.P.** 16.237	**End M.P.:** 17.260	**Length:** 1.023

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	Type S	Type I	Type II	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
26 a	16.680	4	R1		0.7	3.0				3.7	LR	8.6	B	SL	I	S	P			
26 b	16.680	4	R1		0.7	3.0				12.3	ABC	8.6	B	SL	I	S	P			
30	17.155	5	R1		0.4	2.7			1.6	4.7	LR	8.6					P			
9	16.305	7.5	R3		0.7	3.0				3.7	LR	10.1	B	SL	I	M	P			
10	16.536	10.5	R3	X	0.3	2.8				3.1	LR	10.7	2.0	ST	II	S	P			
11	16.825	8	R3	X	0.7	2.3				3.0	LR	10.0					P			
12	17.032	10	R3	X	0.9	2.6				14.0	ABC	10.5					P			Before Bridge Approach (#700006) - Widening
13	17.032	3	R3	X	1.0	6.3			1.4	8.7	LR	8.6					P			Before Bridge Approach (#700006) - Original
14	17.037	10	R3	X	[See Note 2 on Bottom Right Corner]					10.9	PCC	- -					P			Bridge Approach (#700006) - South Side
15	17.037	3	R3	X	[See Note 2 on Bottom Right Corner]					5.5	PCC	- -					P			Bridge Approach (#700006) - South Side
16	17.107	10	R3	X	[See Note 2 on Bottom Right Corner]					7.0	PCC	- -					P			Bridge Approach (#700006) - North Side
17	17.107	3	R3	X	[See Note 2 on Bottom Right Corner]					4.5	PCC	- -					P			Bridge Approach (#700006) - North Side
18	17.109	10	R3	X	1.2	1.3				14.1	ABC	11.6					P			After Bridge Approach (#700006) - Widening
19	17.109	3	R3	X	1.4	2.4			1.6	5.4	LR	9.1					P			After Bridge Approach (#700006) - Original

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Project No.:	427225-1			**Cored By:**	Universal Engineering Sciences						**Date:**	4/12/2010								**Page No.:**	3 of 3				
County:	Brevard			**Highway Sect. No:**	70010						**From:**	South of Roosevelt Avenue								**To:**	New Haven Avenue				
Road No.:	SR 5			**Begin M.P.**	16.237						**End M.P.:**	17.260								**Length:**	1.023				

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	Type S	Type I	Type II	Binder		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
25	16.551	4.5	CL		0.6	4.9					11.7	ABC	6.2					P			
27	16.733	5	CL		0.7	2.8					12.4	ABC	8.9					P			Raveling
28	17.000	5	CL		1.2	5.7					17.4	ABC	10.5					P			
29	17.150	5	CL		1.0	3.7	2.1	0.9			7.7	LR	8.9					P			
20	17.141	11	RRTL	X	0.6	1.6			0.7		2.9	LR	9.9	2.3	SL	I	L	P			RRTL to New Haven Ave

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Crack Types: A= Alligator; Bl= Block; Br= Branch; SL= Single Longitudinal; ST= Single Transverse;

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PAVEMENT EVALUATION AND CONDITION DATA SHEET

Project No.: 427225-1	**Cored By:** Universal Engineering Sciences	**Date:** 4/28/2009	**Page No.:** 1 of 1
County: Brevard	**Highway Sect. No:** 70050-001	**From:** SR 5 (US 1)	**To:** SR 500/US 192
Road No.: SR 500	**Begin M.P.** 0.000	**End M.P.:** 0.228	**Length:** 0.228

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 I	Type II	Surface Treatment		Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
6	0.077	7.5	R1	X	0.6	2.6		2.9			6.1	Coquina	7.4	3.5	BR	II	S	P			
7	0.151	10	R1	X	0.5	3.0		2.5			6.0	SAHM	5.0	B	BR	II	S	P			SAHM Broke off
8	0.215	5	R1		0.8	1.5					2.3	Coquina	8.2	B	BR	II	S	P			
9	120' W	5	R1			3.3					3.3	LR	9.5	B	ST	I	L	P			120' West of CL of New Haven Avenue
4	0.032	11	L1	X	0.6	1.7		1.0	0.5		3.8	LR	6.0	B	BR	II	S	P			
2	0.100	8	L1	X		4.0	3.0				7.0	LR	6.0	B	BR	II	S	P			Worn Surface
1	0.180	11	L1	X		1.4		2.2			3.6	SAHM	6.4	B	BR	II	S	P			
5	0.070	4	OR		0.8	1.1		1.2	0.7		3.8	Coquina	7.2	B	SL	II	S	P			
3	0.032	3	OL		0.4	1.2		1.4	0.5		3.5	LR	6.8	B	BR	II	S	P			Worn Surface

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
SE = Super-elevated LRTL= South or Westbound Right Turn Lane LLTL=South or Westbound Left Turn Lane NB=No Base