

FPN 239496-3; SR 423 Widening Project from SR 50 to Shader Road (MP 3.211 to 5.487)

Core Data from 423356-1 project is altered with milling depth and resurfacing design used on the project.

State of Florida Department of Transportation																								
PAVEMENT EVALUATION AND CONDITION DATA SHEET																								
Project No.: 423356-1					Cored By: Universal Engineering Sciences					Date: 09/02/08, 09/03/08 & 09/08/08					Page No.: 1 of 4									
County: Orange					Highway Sect. No.: 75190					From: SR 50					To: Wymore Road									
Road No.: SR 423					Begin M.P.: 3.211					End M.P.: 8.663					Length: 5.452									
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)								Base			Crack				Pav. Cond.	Rut Depth (in)	Cross Slope (%)	Comments	
					FC-12.5	FC-5	Type SP-C	FC-2	FC-4	FC-5	Revised Type S	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
1	3.267	9	R3	X	2.5					4.0		0.8		13.2	ABC	9.9					G			
56	3.274	10	L3	X	2.5					0.8		2.2		13.6	ABC	8.9					G			
15	3.295	3	R1	X	2.5					0.3		0.5		11.7	ABC	8.7					G			LR under ABC
84	3.321	8	L1		2.5					4.0		0.0		13.5	ABC	11.0					G			
58	3.326	8	R2	X	2.5					0.4		1.2		14.0	ABC	10.3					G			7.8" LR under ABC
72	3.341	3.5	L2	X	2.5					0.5		1.1		12.6	ABC	9.0					G			14.4" LR under ABC
3	3.470	10	R2	X		0.75	1.75	0.4				1.1	1.5	5.1	LR	10.5					G			
82	3.624	3	L1	X		0.75	1.75	0.5				0.9		3.4	LR	11.6					G			
51	3.801	9	L2	X		0.75	1.75	0.2				0.7		3.2	LR	11.8					G			
18	3.801	3	R1	X		0.75	1.75	0.3				0.3	0.6	3.4	LR						G			
20	3.958	3	R1	X		0.75	1.75	0.6				0.3	0.7	3.5	LR	9.5					G			
81	4.010	8	L1	X		0.75	1.75	0.6				-	1.1	3.6	LR						G			
22	4.252	4	R1	X		0.75	1.00			4.2		3.3		5.1	LR						G			
5	4.300	6	R3			0.75	1.00			0.6		1.7		3.5	LR						G			
50	4.501	8	L3	X		0.75	1.00			0.7		2.3		4.1	LR						G			
80	4.606	9	L1	X		0.75	1.00			0.9		2.3		4.1	LR						G			

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

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

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County: Orange				Highway Sect. No.: 75190				From: SR 50				To: Wymore Road													
Road No.: SR 423				Begin M.P.: 3.211				End M.P.: 8.663				Length: 5.452													
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)								Base		Crack				Pav. Cond.	Rut Depth (in)	Cross Slope (%)	Comments			
					FC-12.5	FC-5	Type SP-C	FC-2	FC-4	FC-5	Revised Type S	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent		
59	4.680	5	R2			0.75	1.00				0.6	1.9		3.7	LR	11.4					G				
71	4.720	4	L2			0.75	1.00				0.7	2.3		4.1	LR	10.0					G				
24	5.056	3	R1	X		0.75	1.75	0.4				0.6	1.4	4.5	LR	9.0					G				
77	5.253	7	L1	X		0.75	1.75	0.5				1.5		4.0	LR						G				
8	5.301	10	R2	X		0.75	1.75	0.6				1.4		3.9	LR						G				
45	5.370	3	L2			0.75	1.75	0.5				0.7	0.8	4.0	LR						G				
57	3.257	6	LRTL			2.5					0.9	1.5		13.5	ABC	9.5					G				To SR 50 West
86	3.283	3.50	LLTL 1	X		2.5					0.6	0.7		13.4	ABC	10.2					G				To SR 50 East; LR under ABC
85	3.300	8.5	LLTL 2	X		2.5					0.9	-		13.3	ABC	10.8					G				To SR 50 East; 3.2" LR under ABC
55	3.350	4	LRTL			2.5					0.3	2.0		13.5	ABC	9.0					G				To Store/Business
2	3.381	9	RRTL			2.5					1.0	1.8		13.5	ABC	9.2					G				To Tech Drive
16	3.391	8	RLTL	X		2.5					0.7	-		13.1	ABC	10.6					G				To Store/Business; 6.9" LR under ABC
83	3.452	4.5	LLTL			0.75	1.75	0.9				0.9		3.4	LR						G				To Tech Drive
54	3.614	8.5	LRTL	X		0.75	1.75				1.3	1.8		4.3	LR	11.2					G				To Frito Lay Business Offices
17	3.695	2	RLTL	X		0.75	1.75	0.5				0.4		2.9	SC	10.5					G				To WD Judge Drive
53	3.747	3	LRTL	X		0.75	1.75	0.5				0.1		2.6	SC						G				To WD Judge Drive

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SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

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PAVEMENT EVALUATION AND CONDITION DATA SHEET																										
Project No.: 423356-1				Cored By: Universal Engineering Sciences				Date: 09/02/08, 09/03/08 & 09/08/08				Page No.: 3 of 4														
County: Orange				Highway Sect. No.: 75190				From: SR 50				To: Wymore Road														
Road No.: SR 423				Begin M.P.: 3.211				End M.P.: 8.663				Length: 5.452														
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)								Base		Crack				Pav. Cond.	Rut Depth (in)	Cross Slope (%)	Comments				
					FC-12.5	FC-5	Type SP-C	FC-2	FC-4	FC-5	Revised Type S	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent			
79	4.826	1	LLTL			0.75	1.00				0.3	-	1.7	3.5	LR							G			To Access Lynx	
6	4.851	4	RRTL	X		0.75	1.00				0.5	1.7		13.8	ABC	10.3									To Silver Star Road / SR416	
49	4.952	6	LRTL			0.75	1.00				1.0	1.6		3.4	LR	11.7									To Manufacturing Plant	
23	4.960	3.5	RLTL	X		0.75	1.00				1.0	1.9	1.5	5.2	LR										To Silver Star Road / SR416	
78	5.012	1	LLTL			0.75	1.75	0.6				1.0	1.8	5.3	LR	10.7									To Silver Star Road / SR 416	
48	5.018	4	LRTL	X		0.75	1.75	0.6				1.9		13.9	ABC	9.5									To Silver Star Road / SR 416; 1.1" LR under ABC	
7	5.270	8	RRTL			0.75	1.75	0.7				1.4		3.9	LR	12.1									To Business Offices	
47	5.361	3	LRTL	X		0.75	1.75	0.7				-		2.5	LR										To Business Offices	
9	5.449	8	RRTL			0.75	1.75	0.6				0.6		3.1	LR										To Shader Road	
27	5.465	2.5	RLTL	X		0.75	1.75	0.8				1.9		4.4	LR	8.9									To Shader Road	
44	5.507	9	LRTL			0.75	1.75	0.5				1.5		4.0	LR	11.0									To Shader Road	
76	5.520	7	LLTL	X		0.75	1.75	0.5				1.4		3.9	LR										To Shader Road	
19	3.852	11.5' From L1	MXO			0.75	1.75					2.5		5.0	LR	17.5										
21	4.021	15' From L1	MXO			0.75	1.75					1.0		3.5	LR											
25	5.182	19.5' From R1	MXO			0.75	1.75					1.1		3.6	LR	9.7										
26	5.371	13' From R1	MXO			0.75	1.75					0.8		3.3	LR											

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PAVEMENT EVALUATION AND CONDITION DATA SHEET**

Project No.: 423356-1	Cored By: Universal Engineering Sciences	Date: 09/02/08, 09/03/08 & 09/08/08	Page No.: 4 of 4
County: Orange	Highway Sect. No: 75190	From: SR 50	To: Wymore Road
Road No.: SR 423	Begin M.P.: 3.211	End M.P.: 8.663	Length: 5.452

Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)							Base			Crack				Pav. Cond.	Rut Depth (in)	Cross Slope (%)	Comments				
					FC-12.5	FC-5	Type SP-C	FC-2	FC-4	FC-5	Revised Type S	Binder	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent			
52	3.802	1.5	OL			0.75		0.8				1.5		2.3	RAP	4.2					G			RAP Broken off (Field Depth = 11.3")		
4	3.802	2	OR			0.75		0.4				1.4		2.2	RAP	6.9					G					
46	5.365	1.5	OL			0.75		0.5				0.9		1.7	RAP	5.4					G			RAP Broken Off (Field Depth = 10.0")		
12	5.773	1	OR			0.75		0.7				2.5		8.6	ABC	5.3					G					

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

Project No.: 239496-3				Cored By: FDOT (TK / BB / EW)				Date: 5/22/2012				Page No.: 1 of 1									
County: Orange				Highway Sect. No.: 75190				From: SR 50				To: Shader Road									
Road No.: SR 423 (John Young Parkway)				Begin MP: 3.211				End MP: 5.487				Length: 2.276									
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	Type SP-C	Type S			Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent
Section # 75190 - SR 423 / John Young Parkway																					
1	4.747	6.0	RRTL		0.8		1.2	3.2			5.2	LR	15.3					G	0.0	2.6 / 2.9	NB Right Turn Lane to Lynx Lane
2	4.851	9.5	LRTL	X	1.0		3.3	-			4.3	LR	16.7					G	0.2	1.6 / 0.7	SB Right Turn Lane to Rush Truck Center
3	4.806	0.5	LRTL		0.7		3.3	-			4.0	LR	18.0					G	0.2	1.0 / 1.8	SB Right Turn Lane to Lynx Lane
4	4.721	4.0	RLTL		1.4		4.0	-			5.4	LR	9.3*					G	0.1	1.1 / 1.6	NB Left Turn Lane to Lynx Lane * 14.7" of reddish clay-like soil below LR
5	4.759	3.5	RLTL	X	0.6		0.8	2.5			3.9	LR	17.6					G	0.1	0.8 / 1.6	NB Left Turn Lane to Lynx Lane
6	4.814	5.0	LLTL		0.9		0.8	3.0			4.7	LR	17.8					G	0.3	0.1 / 0.7	SB Left Turn Lane to Lynx Lane
Section # 75251 - SR 438 / Princeton Street																					
1	1.425	8.5	RRTL	X		1.6	0.8	1.4			3.8	LR	11.5	1.4	Bl	I	L	F	0.1	-1.7 / -1.5	EB Right Turn Lane to JYP-South
2	1.426	2.5	OR			1.6	1.2	1.7			4.5	NB	-					F	-	5.9	
3	1.425	3.5	RLTL-2	X		1.4	1.2	1.8			4.4	LR	11.8					F	0.2	-1.4 / -1.3	EB Left Turn Lane to JYP-North
4	1.440	2.5	RLTL-1	X		1.7	1.1	1.3			4.1	LR	11.2					F	0.1	-2.2 / -1.6	EB Left Turn Lane to JYP-North
5	1.643	5.5	LRTL			0.7	0.9	2.4			4.0	LR	11.0					F	0.1	2.2 / 2.2	WB Right Turn Lane to JYP-North
6	1.643	1.5	OL			1.2	-	3.3			4.5	NB	-					F	-	4.6	
7	1.654	4.5	LLTL-2			1.2	1.1	2.1			4.4	LR	12.1					F	0.0	2.3 / 2.3	WB Left Turn Lane to JYP-South
8	1.627	5.5	LLTL-1			1.3	1.2	1.6			4.1	LR	11.7					F	0.0	1.9 / 2.3	WB Left Turn Lane to JYP-South

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