

Pavement Evaluation Coring and Condition Data

Cored By: UNIVERSAL	Date: 04/01/20	Page 1 of 6	Typical Section: 1 of 3
Project No.: 446079-1-52-01	Name: SR9A (I-295)		Lanes: 4
State Road No.: SR9A	From: Dames Point Bridge		Shoulders
County: Duval	To: Monument Road		Inside: 4' paved
Section No: 72002000	Beg MP: 9.366	End MP: 11.407	Length: 2.041 Outside: 10' paved

Core Number	Mile Post	Lane	Wheel Path	Pavement Layer						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in/out)	Comments:
				← top								Depth	Type	Class	Extent					
				FC5	SP125	FC2	ARMI	S1	T1											
1	9.365	R1	I	1.2	2.3		0.5	1.5	5.5	LR	1.4	B	II	S	P				moderate raveling, spalling	
2	9.900	R1	I	0.9	2.5		0.5		3.9	ABC=7.9	2.0	B	II	M	P				light raveling	
3	10.220	R1	I	0.8	2.4		0.5	0.6	4.3	LR	2.5	B	III	M	P				transverse crack, spalling, super elevated	
4	10.900	R1	N	0.9	2.2		0.5		5.7	LR=10.3					P				moderate raveling	
5	11.300	R1	N	1.0	2.4		0.5		6.1	LR	3.4	B	III	M	P				moderate raveling, spalling	
6	9.600	R2	I	0.6	2.1		0.5		3.2	ABC=7.4	2.7	B	II	M	P				moderate raveling, spalling	
7	10.100	R2	I	0.8	2.4		0.5	1.3	5.0	LR=9.2	2.8	B	II	M	P				super elevated, slight raveling, spalling, grinding	
8	10.600	Accel	N	0.6	2.6		0.5		7.1	LR	2.3	B	II	M	P				super elevated, slight raveling	
9	11.250	R2	O	1.0	2.3		0.5	2.8	6.6	LR=12.5	3.2	B	II	M	P				moderate raveling	
10	9.600	L1	N	0.9	2.6		0.5		4.0	ABC=8.0	2.0	B	II	M	P				moderate raveling	
11	10.230	L1	O	0.9	1.9		0.5	1.4	4.7	LR=11.8	3.2	B	II	M	P				super elevated, moderate raveling, spalling	
12	10.700	L1	O	0.9	2.3		0.5		6.3	LR	3.4	B	II	M	P				super elevated, moderate raveling	
13	11.240	L1	I	0.7	2.4		0.5	2.6	6.2	LR=13.8	2.2	B	III	M	P				moderate raveling, spalling	
14	9.759	L2	I	0.5	2.2		0.5		3.7	ABC=6.7	3.2	B	II	M	P				severe raveling, spalling, cemented sand beneath ABC	
15	10.510	L2	N	0.9	2.1		0.5		6.3	LR	3.5	B	II	M	P				super elevated, moderate raveling, spalling, tranverse crack	
16	10.900	L2	O	0.9	2.5		0.5		6.6	LR=13.2	0.9	B	II	M	P				moderate raveling, spalling	
17	11.300	L2	O	0.9	2.0		0.5	2.8	6.2	LR	2.9	B	III	M	P				severe raveling, spalling	
18	9.400	L3	O	0.7	1.9		0.5		6.3	LR	2.8	B	II	M	P				moderate raveling, spalling	
19	9.365	IR	N	1.2	0.9			0.7	2.8	LR					F					
20	10.220	IR	N		0.2			0.8	1.0	LR= 4.0					F				super elevated	

Remarks: MP 9.600 L2: B, II, M; MP 9.759 L3: Moderate raveling & accel: severe raveling ; MP 9.365 R2: grinding, severe raveling, severe block cracking; MP 9.500: R1 spalling
Cement treated subgrade found below ABC on Cores 2, 6, 10

Pavement Evaluation Coring and Condition Data

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Project No.: **446079-1-52-01** Name: **SR9A (I-295) From Dames Point Bridge to Monument Rd.**

Core Number	Mile Post	Lane	Wheel Path	Pavement Layer						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (Inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:		
				← top								Depth	Type	Class	Extent							
				FC5	SP125	FC2	ARMI	S1	T1													
21	11.300	IR	N		1.0				1.4	2.4	LR					F						
22	10.100	OR	N		1.0					1.0	LR	0.2	B	IB	L	P				super elevated		
23	11.250	OR	N		1.2				1.0	2.2	LR=3.3					F						
24	9.600	IL	N		1.2	0.8			4.1	6.1	LR					F						
25	10.484	IL	N		0.7				0.9	1.6	LR=4.2					F						
26	9.400	OL	N		1.4					1.4	LR	1.4	B	II	M	P				transverse crack		
27	10.510	OL	N		1.2				0.7	1.9	LR=11.7	1.2	B	II	M	P				super elevated		
28	11.300	OL	N		0.8				0.8	1.6	LR					F						

Remarks: _____

Pavement Evaluation Coring and Condition Data

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Project No.: 446079-1-52-01 Name: SR9A (I-295) From Dames Point Bridge to Monument Rd.

Core Number	*Mile Post or Distance from Bullnose	Lane	Wheel Path	Pavement Layer						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				HFST	FC5	SP125	ARMI	S1	T1			Depth	Type	Class	Extent					
72002015: I-295 SB to Merrill Road																				
29	10.082	Decel	N		0.4	3.0	0.5		3.9	ABC=3.4	3.0	B	III	M	P				moderate raveling/spalling	
30	190'	R1	I		0.8	2.2	0.5		3.5	LR	1.5	B	III	M	P				super elevated/transverse cracking/moderate raveling/spalling	
31	900'	R1	O		0.4	2.8	0.5		3.7	LR=9.7	2.5	B	III	M	P				moderate raveling/spalling	
32	1345'	R1	O		0.6	2.5	0.5		3.6	LR					F				light raveling	
33	190'	IR	N		0.9	1.4			2.3	LR					F				super elevated	
34	1345'	OR	N		0.9	1.1		0.8	2.8	LR					F					
72002217: I-295 NB to Merrill Road																				
				Pavement Layer																
				HFST	FC5	SP125	ARMI	S1	T1											
35	10.156	Decel	N		1.0	3.2			4.2	LR	1.1	B	II	L	P				super elevated/light raveling	
36	190'	R1	I	0.1	1.5	1.6			3.2	LR					F				super elevated	
37	930'	R1	N		0.8	3.0			3.8	LR=10.2					F				super elevated/light raveling	
38	1480'	R1	O		0.8	3.2			4.0	LR					F				light raveling	
39	190'	IR	N			1.2			1.2	LR					F				super elevated	
40	1480'	OR	N		0.7	1.0			1.7	LR	1.7	B	II	M	P					
72002018: Merrill Road to I-295 SB																				
				Pavement Layer																
				HFST	FC5	SP125	ARMI	S1	T1											
41	260'	R1	O		0.6	2.4	0.5	0.9	4.4	LR	1.7	B	III	M	P				severe raveling/delaminated	
42	710'	R1	I		0.3	2.5	0.5	1.0	4.3	LR=9.7	2.6	B	III	M	P				super elevated/severe raveling/spalling	
43	1150'	R1	I		0.7	2.3	0.5	1.0	4.5	LR	2.6	B	III	M	P				super elevated/moderate raveling/spalling	
44	10.515	ACCEL	N		0.3	2.4	0.5	2.1	5.3	LR	2.7	B	III	M	P				super elevated/moderate raveling/spalling	
45	1150'	IR	N		0.9	1.3		1.0	3.2	LR					F				super elevated	
46	260'	OR	N		0.9	1.2		0.9	3.0	LR					F					

Remarks: 217: High Friction Surface Treatment from 83' before bullnose to 46' past bullnose (129' total)
 015: Patch 1130' past bullnose to end of ramp Cement treated subgrade found below ABC on core 29

Pavement Evaluation Coring and Condition Data

Cored By: UNIVERSAL	Date: 04/07/20	Page 4 of 6	Typical Section: 3 of 3
Project No.: 446079-1-52-01	Name: SR9A (I-295)		Lanes: 4
State Road No.: SR116 (Merrill Rd.)	From: Dames Point Bridge		Shoulders
County: Duval	To: Monument Road		Inside: curb and gutter
Section No: 72193000	Beg MP: 0.000	End MP: 0.151	Length: 0.151
			Outside: 4' paved

Core Number	Mille Post	Lane	Wheel Path	Pavement Layer							Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in/out)	Comments:
				← top									Depth	Type	Class	Extent					
				FC125	FC6	FC4	SP125	FC4	S1	T1											
SR 116 (Merrell Road)																					
47	0.014	R1	I	1.3						1.3	2.6	ABC=3.8					F		light raveling		
48	0.099	R1	I	0.9			0.7			1.2	2.8	ABC=3.4					P		light raveling		
49	0.058	R2	O	1.9			0.8	0.9		1.5	5.1	ABC=4.2					F		light raveling		
50	0.120	R2	O	0.9			0.8	0.2		1.6	3.5	ABC=4.0					F		light raveling		
51	0.065	L1	N	1.2						1.6	2.8	ABC=4.6	4.3	B	II	L	P				
52	0.137	L1	I	1.3			0.9	0.7			2.9	ABC=4.3					F		light raveling		
53	0.043	L2	O	1.3		0.6				1.3	3.2	ABC=4.2					F		light raveling		
54	0.091	L2	O	1.4		0.8				1.1	3.3	ABC=4.1					P		light raveling		
55	0.058	OR	N	1.5		0.6			1.5		3.6	ABC=3.1					F				
56	0.091	OL	N	1.3			0.6				1.9	ABC=4.2					F				
57	0.005	LLTTL	I		1.2		1.7				2.9	LR	2.9	B	III	M	P		transverse crack		
58	0.129	LLTTL	N	0.9					1.1		2.0	ABC=3.7					F				

Remarks: Pavement change 0.000-0.140

EXTRA INFORMATIONAL CORES

Cored By: UNIVERSAL Date: 04/01/20 Page 6 of 6 Typical Section 1 of 1

Project No.: 446079-1-52-01 Name: SR9A (I-295) From Dames Point Bridge to Monument Rd.

Core Number	Mile Post	Lane	Wheel Path	← top Pavement Layer						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:	
				FC5	SP125	FC2	ARMI	S1	T1			Depth	Type	Class	Extent						
				A1	10.893	L2	I	1.0	2.5				0.5		2.3						6.3
A2	10.286	R2	I	0.5	2.5		0.5	1.1		4.6	LR=11.1	3.5	B	II	M	P				Super elevated, severe raveling, spalling, grinding	
A3	10.900	L1	O	1.0	2.3		0.5	2.8		6.6	LR	1.0	B	II	M	P				Severe raveling, spalling	
A4	10.484	L1	I	0.5	2.5		0.5	1.8		5.3	LR	2.8	B	III	M	P				Super elevated, moderate raveling, spalling	
A5	9.626	R1	I	0.7	2.3		0.5			3.5	ABC=5.5	3.0	B	III	M	P				Spalling, transverse crack	
A6	10.278	R1	N	0.9	2.0		0.5	2.7		6.1	LR	2.9	B	III	M	P				Transverse crack, super elevated, spalling	

Remarks: Cement treated subgrade was found below ABC on core A5

