

Pavement Evaluation Coring and Condition Data

Cored By: CSI Geo, Inc.				Date 07/01/24		Page 1 of 3				Mainline											
Project No.: 210265-9				Name SR A1A				Lanes: 2													
State Road No.: SR A1A				From Flagler C/L				Shoulder:													
County: St Johns				To Magnolia Ave				Inside: N/A													
Section No: 78040000				Beg. MP 0.000		End MP:	9.671	Length:	9.671	Outside: 4' Shoulder											
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer						Core Length	Base Type	Crack				Pave Condition	Rut Depth (inches)	(ft. per 6 ft.) %	Cross Slope (I=in / O=out)	Slope Direction	Comments:
				FC 12.5	SP 12.5	ARMI	Type 2	Type 1	ST			Depth	Type	Class	Extent						
1	9.500	R1	N	1.6	1.3	0.5	1.4		0.6	5.4	LR	2.2	B	II	L	P				Spalled, Raveling	
2	9.000	R1	O	1.6	1.3	0.5	0.6		0.6	4.6	LR	4.6	B	II	L	P				Raveling	
3	8.704	R1	N	2.0	3.0					5.0	ABC=6.2"					P					
4	8.121	R1	N	1.6	1.5	0.5	1.9			5.5	LR	1.6	B	II	L	P					
5	7.348	R1	I	1.8			2.8		0.6	5.2	LR	1.8	B	III	M	P				Raveling	
6	6.954	R1	N	1.5	1.8					3.3	LR=6.2"	1.2	B	III	M	P				Grinding, Spalled to structural 1.5"	
7	6.508	R1	O	0.6	1.2		0.9		0.5	3.2	LR	3.2	B	II	L	P				Raveling	
8	6.000	R1	N	1.2	1.7			1.1	0.5	4.5	LR	2.1	B	III	M	P				Raveling	
9	5.538	R1	O	1.7	1.6			-		3.3	LR	1.8	B	II	L	F				Raveling	
10	5.000	R1	I	1.5	2.0			-	0.5	4.0	LR	2.4	B	II	L	F				Spalled, Raveling	
11	4.500	R1	O	1.5	1.4		1.3	-	0.5	4.7	LR	4.7	B	II	M	P				Raveling	
12	4.040	R1	O	1.3	1.3			-		2.6	LR=7.4"	2.1	B	II	M	P				Raveling	
13	3.500	R1	O	2.1	1.5		1.3	-		4.9	LR					F				Raveling	
14	9.671	L1	O	1.9	1.5	0.5	1.3	-	0.6	5.8	LR	1.5	B	II	L	P				Slightly raveling	
15	9.200	L1	O	1.7	1.0	0.5		1.0		4.2	ABC=6.0"					F				Raveling	
16	8.700	L1	N	2.2	3.4					5.6	ABC=7.1"					P				Raveling	
17	8.208	L1	O	1.2	1.2	0.5	2.1			5.0	LR	1.9	B	II	L	P				Raveling	
18	7.849	L1	N	1.2	1.3	0.5	1.5		0.6	5.1	LR					F				Superelevated Curve	
19	7.200	L1	O	1.5	1.6		1.2	2.0		6.3	LR	1.0	B	II	L	P				Raveling	
20	6.700	L1	O	1.2	1.5				0.6	3.3	LR	3.3	B	II	L	F				Raveling	

Remarks FIN 447064-1 Covers MP 0.000-3.438

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Cored By: CSI Geo, Inc.				Date: 07/01/24				Page 2 of 3				Mainline									
Project No.: 210265-9				Name: SR A1A				Lanes: 2													
State Road No.: SR A1A				From: Flagler C/L				Shoulder:													
County: St Johns				To: Magnolia Ave				Inside: N/A													
Section No: 78040000				Beg. MP: 0.000		End MP:	9.671	Length: 9.671		Outside: 4' Shoulder											
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer							Core Length	Base Type	Crack				Pave Condition	Rut Depth (inches)	Cross Slope (ft. per 6 ft.) %	Slope Direction (I=in / O=out)	Comments:
				FC 12.5	SP 12.5	FC 4	ARMI	Type 2	Type 1	ST			Depth	Type	Class	Extent					
21	6.200	L1	O	1.3	2.0					0.5	3.8	LR	2.5	B	II	L	F				Raveling
22	5.679	L1	I	1.0	2.2					0.7	3.9	LR=6.1	3.9	B	III	M	P				Raveling
23	5.235	L1	O	1.3	2.5					0.5	4.3	LR	2.0	B	II	L	F				Raveling
24	4.700	L1	O	1.5	1.7				1.3	0.5	5.0	LR	2.0	B	II	L	P				Raveling
25	4.200	L1	I	1.5	1.8			0.9	0.6	0.5	5.3	LR	4.8	B	II	L	P				Raveling
26	3.700	L1	O	1.6	1.5				1.7		4.8	LR=8.2	1.3	B	II	L	P				Raveling
27	9.500	OR	N	2.0		1.7			2.2		5.9	LR					F				Raveling
28	8.704	OR	N	2.0							2.0	ABC=4.5					F				
29	7.348	OR	N	2.0		2.2					4.2	ABC=4.3					F				Raveling
30	6.508	OR	O	1.0		1.9			1.2		4.1	RAP					F				Raveling
31	5.538	OR	O	1.6		1.0			1.7		4.3	RAP					F				Raveling
32	4.500	OR	O	1.7		0.9			0.3		2.9	RAP					F				Raveling
33	3.500	OR	N	1.7		1.0			1.2	0.5	4.4	RAP					F				Raveling
34	9.200	OL	O	1.5		2.5					4.0	RAP					F				
35	8.208	OL	O	1.2		1.7					2.9	LR					F				Raveling
36	7.200	OL	O	1.5		1.4			1.0		3.9	RAP					F				Raveling
37	6.200	OL	N	1.9		1.5			1.1		4.5	RAP					F				
38	5.235	OL	O	1.2		0.8			1.3		3.3	RAP					F				Raveling
39	4.200	OL	O	1.8		0.8			1.0		3.6	RAP					F				Raveling

Remarks:

Pavement Evaluation Coring and Condition Data																								
Cored By:		CSI Geo, Inc.						Date:		07/01/24		Page 3 of 3				Mainline								
Project No.:		210265-9						Name:		SR A1A											Lanes: 2			
State Road No.:		SR A1A						From:		Flagler C/L											Shoulder:			
County:		St Johns						To:		Magnolia Ave											Inside: N/A			
Section No:		78040000						Beg. MP:		0.000		End MP:		9.671		Length:		9.671		Outside: 4' Shoulder				
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer									Core Length	Base Type	Crack				Pave Condition	Rut Depth (inches)	Cross Slope (ft. per 6 ft.) %	Slope Direction (I=in / O=out)	Comments:	
				FC 12.5	FC-4	SP 12.5	ARMI	Type 2	Type 1	Type 2	Blinder	ST			Depth	Type	Class	Extent						
40	9.546	RTO	N	1.0		1.2						2.2	LR					F				Raveling, TO for Palmetto		
41	7.577	RTO	N	1.5		-					3.5	5.0	LR					P				Raveling, TO for Jellison Rd.		
42	7.374	ACCEL	O		1.7	1.2						2.9	LR					P				Ramp @ A1A to SR 206		
43	7.125	RRTTL	N	1.4		0.9		0.8				3.1	LR					F				Raveling		
44	4.700	RRTTL	N	1.5		1.8		0.9				4.2	LR					F				Raveling		
46	8.756	LTO	N	1.5								1.5	LR					F				Raveling, TO for Riverside Blvd.		
47	7.220	LTO	N	1.1	1.5				1.0	0.7		4.9	LR					P				Raveling, TO for Cubbage Rd.		
48	3.438	LTO	N	1.7	1.7							3.4	LR					F				Raveling		
Remarks:																								

Pavement Evaluation Coring and Condition Data

Cored By: UNIVERSAL				Date: 09/14/21		Page 1 of 4		Typical Section: 1 of 3			
Project No.: 447064-1-52-01				Name: SRA1A from Marineland to Matanzas Inlet						Lanes: 2	
State Road No.: SRA1A				From: Marineland						Shoulders	
County: St. Johns				To: Matanzas Inlet						Inside: N/A	
Section No: 78040000				Beg MP: 0.000		End MP: 3.438		Length: 3.438		Outside: 4' paved	

Core Number	Mile Post	Lane	Wheel Path	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">← top</div> Pavement Layer </div>						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				FC125	SP125	T1	T2	T1	ST			Depth	Type	Class	Extent					
1	0.080	R1	O	1.7				1.6	0.6	3.9	SBRM	2.5	B	II	M	P				curve
2	0.300	R1	O	0.8				2.7	0.5	4.0	SBRM=5.4	4.0	B	II	M	P				curve
3	0.835	R1	O	1.7	1.9					3.6	ABC=5.5	0.2	B	II	L	P				super elevated, moderate raveling
4	1.000	R1	O	2.0		0.4	0.2	1.7	0.5	4.8	SBRM	0.2	B	II	L	P				shoving
5	1.277	R1	N	1.3				2.4	0.5	4.2	SBRM	1.3	B	II	M	P				
6	1.646	R1	O	1.7				4.7		6.4	LR	0.2	B	II	L	P				widening
7	2.085	R1	N	1.6	1.2					2.8	ABC=5.5					F				super elevated
8	2.300	R1	I	1.8				4.6		6.4	LR=11.9	1.8	B	IB	M	P				
9	2.485	R1	O	1.3				2.6		3.9	LR					F				curve
10	3.000	R1	O	2.0				4.2		6.2	LR					F				shoving
11	3.300	R1	I	1.4				2.5	0.5	4.4	LR					F				super elevated, overbuild
12	0.100	L1	N	1.8				2.6	0.5	4.9	SBRM=7.5					F				
13	0.400	L1	N	1.6				2.4	0.5	4.5	SBRM=6.5	1.6	B	II	M	P				
14	0.700	L1	O	1.4	1.5					2.9	ABC=5.4					F				
15	1.100	L1	O	1.5				2.4	0.8	4.7	SBRM=9.8	0.2	B	IB	L	F				
16	1.400	L1	I	1.3				2.6	0.5	4.4	SBRM	4.4	B	II	L	P				
17	1.720	L1	O	1.7		1.0	1.1	1.8		5.6	LR					F				
18	2.100	L1	N	1.0	0.8			2.5	0.5	4.8	SBRM=5.0					F				FDOT took base sample
19	2.400	L1	I	1.7				4.5		6.2	LR	1.7	B	II	M	P				shoving, separated at 1.7"
20	2.700	L1																		omit (on bridge)

Remarks: MP 0.461, 0.980, 2.446, 2.931: pavement change all
 SBRM includes shell aggregate

Pavement Evaluation Coring and Condition Data																					
Cored By: UNIVERSAL								Date: 09/14/21				Page 2 of 4									
Project No.: 447064-1-52-01								Name: SRA1A from Marineland to Matanzas Inlet													
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer ← top →							Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				FC125	SP125	T1	T2	T1	S	ST			Depth	Type	Class	Extent					
21	2.900	L1	O	1.2	0.2			2.2			3.6	LR				F					
22	3.229	L1	N	1.1				3.2		0.5	4.8	LR=10.8	0.8	B	II	M	P				
23	0.835	OR	N	2.2	1.0						3.2	ABC=5.5				F				super elevated	
24	1.646	OR	N	2.0	0.8			1.7			4.5	LR				F				widening	
25	2.485	OL	N	1.5				0.4			1.9	LR=16.6				F					
26	0.100	OL	N	1.5			0.7	0.8			3.0	SBRM=5.5				F				curve	
27	1.100	OL	N	1.7			0.6	1.3			3.6	SBRM				F					
28	2.100	OL	N	1.0	1.2			1.5			3.7	SBRM=4.0				F					
29	2.900	OL	N	1.7				1.3			3.0	LR				F					
30	3.080	RRTTL	N	1.1				2.4			3.5	LR				F				super elevated	
31	3.429	RRTTL	N	1.2				1.8		0.7	3.7	LR				F					
32	1.724	LRTTL	N	1.5		0.6	0.4	1.8			4.3	LR				F					
33	3.102	LRTTL	O	1.2	0.8				3.7		5.7	LR	0.2	B	II	L	P			widening	
34		LTO																		omit	
Remarks: _____ _____																					

Bridge Approach / Slab Asphalt Thickness

[illegible]