

Pavement Evaluation Coring and Condition Data

Cored By:		UNIVERSAL		Date:		09/16/21		Page		1 of 5		Typical Section:		1 of 2															
Project No.:		210223-8-52-01		Name:		SR13 from SR16 to Rafter Tail Lane						Lanes:		2															
State Road No.:		SR13		From:		SR16						Shoulders																	
County:		St. Johns		To:		Rafter Tail Lane						Inside: -																	
Section No:		78070000		Beg MP:		0.000		End MP:		6.596		Length:		6.596		Outside: 5' 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:								
				FC95	SP125	ARMI	T1	T2	T1	T2			ST	Depth	Type	Class						Extent							
1	0.075	R1	O	1.3	1.9	0.5	4.9					3.2	LR=13.0					F											
2	0.300	R1	N	1.3	3.1	0.5	4.9				0.5	10.3	LR=13.0	0.2	B	IB	L	P											super elevated
3	0.736	R1	O	1.4	2.1	0.5	2.7					6.7	SHELL	2.7	B	II	M	P											grinding, shoving
4	1.000	R1	O	1.3	3.1	0.5	2.7				0.5	8.1	SHELL	0.8	B	II	M	P											
5	1.300	R1	O	1.5	3.0	0.5	4.2					9.2	SHELL	0.8	B	II	M	P											
6	1.600	R1	O	1.2	2.7	0.5	2.6					7.0	LR	1.2	B	II	M	P											separated at 1.2"
7	2.000	R1	N	1.7	3.0	0.5	4.9					10.1	ABC=8.5					F											
8	2.300	R1	O	1.4	2.7	0.5	2.7				0.5	7.8	SHELL	1.4	B	II	M	P											
9	2.600	R1	O	1.5	2.9	0.5	3.0				0.5	8.4	SHELL	1.7	B	II	M	P											curve
10	2.934	R1	O	1.0	3.2	0.5	3.5				0.5	8.7	SHELL	3.0	B	III	M	P											spalling
11	3.300	R1	N	1.6	3.3	0.5	2.5				0.5	8.4	SHELL=6.8	4.9	B	II	M	P											shoving, grinding
12	3.779	R1	O	1.5	2.5	0.5	0.6					5.1	LR	2.0	B	II	M	P											shoving, grinding
13	4.000	R1																											omit
14	4.300	R1	O	1.8	1.9	0.5	1.0					5.2	LR	3.7	B	II	M	P											
15	4.675	R1	O	1.5	0.9	0.5		5.0	1.9		0.5	10.3	SHELL	2.4	B	II	M	P											spalling, dip, bottom up crack 2.5"
16	5.026	R1	O	0.9		0.5		3.5			0.5	5.4	SHELL	5.4	C	III	M	P											curve, spalling, pumping
17	5.230	R1	O	0.9	1.5	0.5		1.2	1.5	1.0		6.6	SHELL	6.6	C	III	M	P											spalling, pumping
18	5.865	R1	I	0.7	1.9	0.5	2.8	1.7				7.6	LR	2.6	B	II	M	P											dip, shoving
19	6.137	R1	I	0.8	1.3	0.5	1.3	1.8			0.5	6.2	SHELL	2.1	B	II	M	P											shoving, spalling
20	6.300	R1	I	0.5	1.8	0.5		3.1	1.0		0.5	7.4	SHELL	2.3	B	II	M	P											

Remarks: pavement change all: 0.258, 1.925, 6.608

Pavement Evaluation Coring and Condition Data

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Project No.: 210223-8-52-01 Name: SR13 from SR16 to Rafter Tail Lane

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					
				FC95	SP125	ARMI	T2	T1	ST											
21	6.596	R1	O	0.7	1.3	0.5	2.0	1.7	0.5	6.7	SHELL=7.6	2.0	B	II	M	P				
22	0.080	L1	I	1.3	4.0					5.3	ABC=6.3					F				
23	0.500	L1	O	1.2	2.8	0.5		2.2	0.6	7.3	SHELL	1.2	B	II	M	P				super elevated, grinding, shoving, separated at 1.2"
24	0.800	L1	N	1.4	2.9	0.5		2.6	0.5	7.9	SHELL=8.4	0.2	B	IB	M	P				
25	1.200	L1	O	1.7	2.3	0.5		4.6	0.5	9.6	SHELL	0.2	B	IB	L	P				
26	1.500	L1	I	1.6	2.4	0.5		2.5	0.7	7.7	SHELL	3.1	B	II	M	P				
27	1.755	L1	I	1.6	2.6	0.5		5.3	0.5	10.5	SHELL	2.2	B	IB	L	F				
28	2.115	L1	O	1.0	2.7	0.5		1.4		5.6	LR	0.2	B	IB	M	P				
29	2.500	L1	I	1.2	2.8	0.5		1.5	0.5	6.5	SHELL	2.5	B	II	M	P				shoving, grinding
30	2.800	L1	I	1.7	2.2	0.5		1.8	0.5	6.7	SHELL	2.2	B	II	M	P				
31	3.200	L1	O	1.3	3.0	0.5		2.5		7.3	SHELL	2.3	B	II	M	P				grinding, shoving, bottom up crack 3.0"
32	3.500	L1	I	1.8	2.0	0.5		1.8	0.5	6.6	SHELL	3.8	B	II	M	P				grinding, shoving, bottom up crack 3.0"
33	3.791	L1	I	1.0	2.7	0.5		1.9		6.1	SHELL	1.0	B	II	M	P				shoving, grinding, separated at 1.0"
34	4.200	L1	I	1.5	1.2			2.5		5.2	LR	1.5	B	II	L	P				super elevated
35	4.500	L1	I	0.9	1.2	0.5	2.5	1.0	1.7	7.8	SHELL	2.1	B	II	M	P				grinding, shoving
36	5.056	L1	I	1.1	1.1	0.5	2.0	0.6	0.5	5.8	SHELL	2.2	B	II	S	P				grinding, shoving
37	5.200	L1	I	1.0	2.0	0.5		3.0	0.5	7.0	SHELL=8.8	7.0	B	II	M	P				
38	5.431	L1	O	0.9	1.6					2.5	ABC=6.0					F				widening
39	5.800	L1	I	1.4	1.3	0.5	1.7	2.0	0.5	7.4	SHELL	1.2	B	II	M	P				
40	6.200	L1	O	1.4	1.5	0.5	2.3	1.8	0.5	8.0	SHELL	1.2	B	II	M	P				

Remarks: _____

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Project No.: 210223-8-52-01 Name: SR13 from SR16 to Rafter Tail Lane

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:
				FC95	SP125	ARMI	T2	T1	ST			Depth	Type	Class	Extent					
				41	6.500	L1	I	1.2	1.7			0.5	3.4	1.7	0.5					
42	0.075	OR	N	1.3						1.3	LR					F				
43	1.000	OR	N	1.5	2.3					3.8	ABC=4.2					F				
44	2.000	OR	N	1.5	5.0					6.5	ABC=12.3					F				
45	3.000	OR	N	1.3				1.9		3.2	ABC=3.8					F				
46	4.300	OR	N	1.1				1.1		2.2	ABC=2.7					F				
47	5.026	OR	N	1.3	1.5					2.8	LR					F				curve
48	6.596	OR	N	0.8			2.3			3.1	SHELL					F				
49	0.080	OL	N	1.6				4.2		5.8	ABC=5.2					F				
50	1.200	OL	N	1.8						1.8	ABC=5.8					F				
51	2.115	OL	N	1.5				3.0		4.5	LR=6.8					F				
52	3.200	OL	N	1.1				4.5		5.6	SHELL					F				
53	4.200	OL	N	1.8	1.8			4.3		7.9	LR					F				super elevated, overbuild
54	5.200	OL	N	1.1	3.0			2.0		6.1	LR					F				
55	6.200	OL	N	1.9			2.1			4.0	SHELL=5.5					F				
56	1.600	RRTTL	O	0.8	0.6		1.5	4.8		7.7	LR					F				separated at 2.2"
57	5.325	RRTTL	N	1.2	0.6		1.5	4.0		7.3	LR	1.5	B	II	L	P				
58	3.992	RLTTL	N	0.8				4.3		5.1	SHELL	0.8	B	II	M	P				grinding, shoving, separated at 0.8"
59	0.080	LLTTL	O	2.4	2.7	0.5		3.1	0.5	9.2	SHELL					F				
60	1.755	LLTTL	O	1.8	2.6	0.5		3.2	0.7	8.8	SHELL					P				shoving

Remarks: _____
