

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

675-030-09
Materials

Cored/Logged By: Meskel & Associates Engineering, PLLC Date: 6/4/24 & 6/5/24 Page: 1 of 5 Typical Section No.: 1

Roadway Section:	29090000	Name:	SR 247 (Branford Highway)			Lanes: 2
FIN Project ID:	208411-9	From:	Suwannee C/L			Shoulder Type and Condition: G / F / P
Federal Project No.:	N/A	To:	SR 93 (I-75)			Inside: N/A
County: Columbia	SR No.: SR 247	Begin MP:	0.000	End MP:	10.074	Length: 10.074
Median Curbed (Y / N): N () Paved () Lawn Other:						Curb & Gutter (Y / N): N

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								CORE LENGTH (in.)	BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				TOP FC 12.5	SP 12.5	S	T-1	T-2	ST	BIND			TYPE	THICK- NESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
C2	0.050	R1	O	1.3	2.3							3.6	ABC	6.0					P				BASE CHECK, WIDENING, 23" FROM WHITE LINE, SHOING
C3	0.500	R1	I	1.2	2.3		3.0	2.2	0.6			9.3	LR						G				
C5	1.000	R1	O	1.4	1.0		2.0	3.2				7.6	LR		7.6	S	IB	M	P				GRINDING, LIGHT SPALLING, LONGITUDINAL CRACKING, 21" FROM WHITE LINE
C6	1.500	R1	I	1.5	1.4		1.9	1.0	0.6			6.4	LR		2.3	B	II	M	P				GRINDING, LONGITUDINAL CRACKING
C9	2.000	R1	N	1.3	2.0		1.8	1.6	0.6			7.3	LR		0.2	S	IB	M	P				LONGITUDINAL CRACKING
C10	2.500	R1	O	1.3	0.9		2.3					4.5	LR		1.3	S	IB	L	P				GRINDING, MAINTENANCE PATCH, 11" FROM WHITE LINE
C12	3.000	R1	O	1.3	1.3		1.6	0.8	0.6			5.6	LR		5.6	B	IB	M	F				TRANSVERSE CRACKING
C13	3.500	R1	I	1.4	1.7		2.4		0.6			6.1	LR						G				MAINTENANCE PATCH
C15	4.000	R1	O	1.3	1.5		2.9	1.0	0.6			7.3	LR		7.3	B	II	M	P				LONGITUDINAL CRACKING, SPALLING, 29" FROM WHITE LINE
C16	4.500	R1	I	1.3	1.7			0.7	0.6			4.3	LR		4.3	B	II	M	P				GRINDING
C17	4.890	R1	O	1.3	1.2		1.2					3.7	LR		3.7	B	III	S	P				SEVERE GRINDING, SPALLING (1.6"), 14" FROM WHITE LINE
C19	5.144	R1	I	1.3	1.4		2.2	1.5	0.6			7.0	LR	7.0	7.0	B	III	S	P				BASE CHECK, GRINDING, SLIGHT SPALLING
C20	5.500	R1	I	1.2	1.6		2.4	0.9	0.6			6.7	LR		2.2	B	II	M	P				SLIGHT SPALLING
C25	6.000	R1	O	1.3	1.8		1.4	1.6	0.6			6.7	LR		6.7	B	II	M	P				SPALLING, 17.5" FROM WHITE LINE
C26	6.500	R1	N	1.3	1.6		1.4	1.3	0.6			6.2	LR		2.7	B	II	M	P				LONGITUDINAL CRACKING, SLIGHT SPALLING
C28	7.028	R1	O	1.4	1.3		2.9	2.2	0.6			8.4	LR		2.7	B	II	M	P				TRANSVERSE CRACKING, RAVELING, 28" FROM WHITE LINE
C30	7.461	R1	O	1.4	1.2		1.5	1.5	0.6			6.2	LR		6.2	B	III	S	P				GRINDING, TRANSVERSE CRACKING
C32	8.000	R1	O	1.4	1.1		1.6					4.1	LR		4.1	B	III	S	P				WIDENING, LONGITUDINAL CRACKING, SEVERELY SPALLED (3.5")
C33	8.645	R1	I	1.3	1.4		2.6	1.6	0.6			7.5	LR		7.5	B	III	S	P				GRINDING, LONGITUDINAL CRACKING, SEVERELY SPALLED (2.3")
C36	9.027	R1	O	1.4	1.7		3.9					7.0	LR		7.0	B	III	S	P				WIDENING, PATCHED AREA-SPALLING, GRINDING, LONGITUDINAL CRACKING, 19" FROM WHITE LINE

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County: Columbia	SR No.: SR 247	Begin MP:	0.000	End MP:	10.074
			Length:	10.074	Outside: 5 ft. Paved
Median Curbed (Y / N): N	() Paved () Lawn Other:				Curb & Gutter (Y / N): N

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								CORE LENGTH (in.)	BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (I=In / O=out)	COMMENTS
				FC 12.5	SP 12.5	S	T-1	T-2	ST	BIND			TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
C38	9.372	R1	N	1.3	2.6	1.6						5.5	LR		3.2	S	II	M	P				WIDENING, LONGITUDINAL CRACKING
C39	9.920	R1	O	1.3	1.8							3.1	LR	11.75	3.1	B	III	S	P				BASE CHECK, SHOING, GRINDING, SPALLING, CRACKING
C41	10.028	R1	O	1.3	1.0					1.6		3.9	LR		3.9	B	II	M	P				SLIGHT SPALLING
C43	9.600	L1	O	1.3	1.5		2.2	1.8	0.6			7.4	LR		2.7	B	II	M	P				SPALLING, LONGITUDINAL CRACKING
C45	9.070	L1	O	1.5	1.5		1.9	1.3	0.5			6.7	LR		6.7	B	II	M	P				WIDENING
C47	8.610	L1	N	1.5	1.8		3.4					6.7	LR	7.5	2.8	B	IB	M	P				BASE CHECK, WIDENING, GRINDING, TRANSVERSE CRACKING
C49	8.108	L1	N	1.5	1.0		1.4					3.9	LR		3.9	B	IB	M	P				SHOVING, SPALLING, LONGITUDINAL CRACKING
C50	7.939	L1	O	1.5	0.4		1.8	1.6	0.5			5.8	LR		5.8	B	III	S	P				DIP, SPALLING, SHOING, LONGITUDINAL CRACKING, 1.5' FROM WHITE LINE
C53	7.200	L1	I	1.5	1.8		1.5	1.5	0.8			7.1	LR		2.0	B	IB	M	P				GRINDING, TRANSVERSE CRACKING
C54	6.700	L1	O	1.5	1.7							3.2	LR		3.2	B	II	M	P				GRINDING, TRANSVERSE CRACKING, 22.5" FROM WHITE LINE
C56	6.253	L1	I	1.4	1.4			2.2	0.6			5.6	LR		5.6	B	III	S	P				SPALLING, RAVELING, GRINDING, LONGITUDINAL CRACKING
C57	5.682	L1	O	1.5	1.5							3.0	ABC	5.0	1.8	B	II	S	P				SPALLING, LONGITUDINAL CRACKING, 9" FROM WHITE LINE
C59	5.200	L1	I	1.4	1.5		2.6	1.2	0.5			7.2	LR		3.0	B	II	M	P				LONGITUDINAL CRACKING
C60	4.700	L1	O	1.2	1.6		1.6	1.5	0.6			6.5	LR		6.5	B	II	M	P				SPALLING, TRANSVERSE CRACKING, 25.5" FROM WHITE LINE
C63	4.200	L1	I	1.1	1.6			1.7	0.6			5.0	LR		5.0	B	II	M	P				SPALLING, TRANSVERSE CRACKING
C64	3.867	L1	O	1.4	1.6		1.5	1.1				5.6	LR		5.6	B	III	S	P				GRINDING, LONGITUDINAL CRACKING, SPALLING (2.2"), 19.5" FROM WHITE LINE
C66	3.105	L1	O	1.3	1.7		1.8	1.6	0.6			7.0	LR		2.8	B	III	S	P				GRINDING, SPALLING (1.4"), 2.7" BOTTOM UP CRACK, 33" FROM WHITE LINE
C67	2.700	L1	O	1.3	1.3			1.9	0.6			5.1	LR	7.0	5.1	S	IB	L	P				BASE CHECK, GRINDING, LONGITUDINAL CRACKING, 23" FROM WHITE LINE
C69	2.200	L1	I	1.2	1.3			2.6	0.6			5.7	LR		5.7	B	II	M	P				GRINDING, SPALLING, LONGITUDINAL CRACKING

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County: Columbia	SR No.: SR 247	Begin MP:	0.000	End MP:	10.074	Length: 10.074
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CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								CORE LENGTH (in.)	BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				FC 12.5	SP 12.5	S	T-1	T-2	ST	BIND			TYPE	THICK- NESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
C70	1.700	L1	O	1.3	1.5		0.7					3.5	LR		3.5	B	II	M	P				GRINDING, SPALLING, LONGITUDINAL CRACKING, 24" FROM WHITE LINE
C72	1.200	L1	I	1.2	1.4		1.8	0.8	0.6			5.8	LR						G				MAINTENANCE PATCH
C73	0.700	L1	O	1.3	1.3		2.8	1.6	0.5			7.5	LR						G				MAINTENANCE PATCH, 22.15" FROM WHITE LINE
C76	0.200	L1	I	1.3	2.8							4.1	LR		4.1	B	II	M	P				TRANSVERSE CRACKING
C1	0.050	OR	N	1.3	2.0							3.3	ABC	6.0					G				
C4	1.000	OR	N	1.3	0.2							1.5	LR	4.25					G				BASE CHECK
C8	2.000	OR	N	1.4	1.8							3.2	LR						G				
C11	3.000	OR	N	1.3	0.3							1.6	LR						G				
C14	4.000	OR	N	1.3	0.8							2.1	LR						G				
C18	5.144	OR	N	1.3	0.6							1.9	LR						G				
C24	6.000	OR	N	1.3	0.6							1.9	LR	3.5					G				BASE CHECK
C27	7.028	OR	N	1.4	0.7							2.1	LR						G				
C31	8.000	OR	N	1.4	0.5							1.9	LR						G				
C35	9.027	OR	N	1.3	1.0							2.3	LR						G				
C40	10.028	OR	N	1.3	1.2							2.5	LR						G				
C44	9.600	OL	N	1.2								1.2	LR	6.0					G				BASE CHECK
C48	8.610	OL	N	1.0	3.0							4.0	LR						G				
C51	7.939	OL	N	1.5								1.5	LR						G				
C55	6.700	OL	N	1.8								1.8	LR						G				
C58	5.682	OL	N	1.9	1.9							3.8	ABC	2.6					G				

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Federal Project No.:	N/A	To:	SR 93 (I-75)	Inside: N/A
County: Columbia	SR No.: SR 247	Begin MP:	0.000	End MP: 10.074
		Length:	10.074	Outside: 5 ft. Paved
Median Curbed (Y / N): N	() Paved	() Lawn	Other:	Curb & Gutter (Y / N): N

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)									BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (L=In / O=out)	COMMENTS
				FC 12.5	SP 12.5	S	T-1	T-2	ST	BIND		CORE LENGTH (in.)	TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
C61	4.700	OL	N	1.6								1.6	LR						G				
C65	3.867	OL	N	1.4	0.8							2.2	LR						G				
C68	2.700	OL	N	1.5								1.5	LR	6.0	1.5	S	IB	L	P				BASE CHECK
C71	1.700	OL	N	1.2	0.7							1.9	LR						G				
C74	0.700	OL	N	1.3	0.6							1.9	LR						G				
C21	5.574	RTO	N	1.1			2.4					3.5	LR						G				SW KELRICHE GLEN
C29	7.296	RTO	N	1.6				0.8				2.4	LR						G				SW MONK WAY
C34	8.640	RTO	N	1.4	2.2							3.6	LR						F				SW EMERALD STREET
C37	9.317	RTO	N	1.5	1.5		1.2					4.2	LR						G				SW KIRBY ST., RAVELED, 1.2" BOTTOM UP CRACK
C22	5.720	RRTTL	N	1.2	1.4							2.6	ABC	3.7	2.6	B	II	M	P				CR 242
C52	7.451	LTO	N	2.0	2.9							4.9	LR						G				SW TAMARACK LOOP
C62	4.371	LTO	N	2.4	2.7							5.1	LR						G				SW CYPRESS LAKE ROAD
C75	0.495	LTO	N	1.4	0.4							1.8	LR						G				SW QUAIL RIDGE COURT
C23	5.760	LRTTL	I	1.2	1.9							3.1	ABC	3.2	1.4	S	IB	M	P				CR 242, LONGITUDINAL CRACKING
C46	9.200	LRTTL	N	1.4	1.3		3.6					6.3	LR						G				SW TROY STREET

REMARKS: Maintenance Patch locations for this project are shown below.

<u>R1</u>	<u>L1</u>
0.824 - 1.068	0.000 - 0.107
1.200 - 1.379	0.501 - 0.997
2.103 - 2.795	1.379 - 1.565
3.336 - 3.755	2.417 - 2.747
5.610 - 5.950	3.290 - 3.710
8.377 - 8.440	4.859 - 5.116
8.750 - 9.021	8.324 - 8.522
9.769 - 10.020	9.711 - 10.020

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COMMENTS	THICKNE SS OF ASPHALT OVER SLAB (INCHES)	SUB SOIL CONDITIO N**	Surface Treatment	FC 12.5	BRIDGE NUMBER	LANE	MILE POST	CORE NO.
I-75 OVERPASS	3.0	CONCRETE	1.3	1.7	290034	L1	10.029	C42
REMARKS:								