

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: **6/3/2024**

Page: **1** of **5**

Typical Section No.: **1**

Roadway Section:	35060000	Name:	SR 53 (Duval Avenue)			Lanes: 2
FIN Project ID:	210531-3	From:	SR 8 (I-10)			Shoulder Type and Condition: G / F / P
Federal Project No.:	N/A	To:	Livingston Street			Inside: 2 ft. C&G, 5 ft. Warn
County: Madison	SR No.: SR 53	Begin MP:	0.000	End MP:	6.704	Length: 6.704
Median Curbed (Y / N): Y						Outside: 5 ft. & 6 ft. Paved
(X) Paved (X) Lawn Other:						Curb & Gutter (Y / N): Y

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				TOP	FC 12.5	S	ARMI	T-1	T-2		CORE LENGTH (in.)	TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
M1	0.010	R1	O		1.9		0.5	1.5			3.9	LR		3.9	B	IB	M	F				FULL DEPTH TRANSVERSE CRACKING
M4	0.500	R1	I		2.1	1.6					3.7	LR		3.7	B	IB	M	F				FULL DEPTH LONGITUDINAL CRACKING
M6	1.000	R1	N		1.5		0.5	2.9			4.9	LR		2.2	S	IB	M	F				TRANSVERSE CRACKING
M8	1.500	R1	I		1.9	1.0	0.5	1.3	1.6		6.3	SAHM	6.3	1.2	S	IB	M	F				BASE CHECK
M9	2.000	R1	O		1.9	1.8	0.5	0.6	1.7		6.5	SAHM	8.1	2.0	B	IB	M	F				LONGITUDNAL CRACKING
M11	2.600	R1	O		2.1	1.9	0.5	1.0			5.5	SAHM	5.2	2.1	B	IB	M	P				DIP, SAND ASPHALT HOT MIX SEPARATED AT 2.4"
M12	3.000	R1	N		2.0	1.5	0.5		1.4		5.4	SAHM	9.4	2.0	B	IB	M	F				LONGITUDINAL CRACKING, SAND ASPHALT HOT MIX SEPARATED AT 10"
M14	3.500	R1	N		1.8	0.8	0.5		1.7		4.8	SAHM	7.3	2.3	B	IB	M	F				LONGITUDINAL CRACKING, SAND ASPHALT HOT MIX SEPARATED AT 3.6"
M15	4.000	R1	O		2.1	0.9	0.5	1.0	1.4		5.9	SAHM	6.9	2.0	B	IB	M	F				SAHM SEPARATED AT 3.7", BOTTOM UP CRACK 9.3", LONGITUDINAL CRACKING
M17	4.500	R1	N		1.9	0.9	0.5	0.7	1.5		5.5	SAHM	7.3	1.8	B	IB	M	F				LONGITUDINAL CRACKING
M18	5.000	R1	O		2.2	1.0	0.5	0.5	1.4		5.6	SAHM	3.2	5.6	B	IB	M	F				TRANSVERSE CRACKING, SAHM SEPARATED AT T-1, BOTTOM UP CRACKING
M20	5.690	R1	N		1.9				1.3		3.2	SAHM	5.0	3.2	B	IB	M	F				TRANSVERSE CRACKING, SAHM FULL DEPTH BOTTOM UP CRACKING
M21	5.742	R1	O		0.8						0.8	CONC						G				RR OVERPASS - LEAVING BRIDGE
M24	6.082	R1	O		1.9	0.4					2.3	LR	5.3	2.3	B	II	S	P				BASE CHECK, GRINDING
M27	6.445	R1	O		1.5	2.1					3.6	LR		3.6	B	II	S	P				SHOVING
M28	6.612	R1	N		2.0	1.9					3.9	LR		3.9	B	II	S	P				SHOVING
M32	6.641	L1	O		2.0	2.0					4.0	LR		4.0	B	II	S	P				GRINDING
M34	6.402	L1	O		1.3	1.2					2.5	LR		2.5	C	III	S	P				GRINDING, ALLIGATOR CRACKING
M36	6.143	L1	O		1.9	0.4					2.3	LR		1.8	B	IB	M	P				GRINDING

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: **6/3/2024**

Page: **2**

of **5**

Typical Section No.: **1**

Roadway Section:	35060000	Name:	SR 53 (Duval Avenue)				Lanes: 2	
FIN Project ID:	210531-3	From:	SR 8 (I-10)				Shoulder Type and Condition:	G / F / P
Federal Project No.:	N/A	To:	Livingston Street				Inside: 2 ft. C&G, 5 ft. Warn	
County: Madison	SR No.: SR 53	Begin MP:	0.000	End MP:	6.704	Length:	6.704	Outside: 5 ft. & 6 ft. Paved
Median Curbed (Y / N): Y		(X) Paved	(X) Lawn	Other:				Curb & Gutter (Y / N): Y

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				TOP FC 12.5	S	ARMI	T-1	T-2			CORE LENGTH (in.)	TYPE	THICK-NESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
M39	5.731	L1	O	1.5			0.2	1.5			3.2	SAHM	5.5	3.2	S	IB	M	F				
M40	5.719	L1									0.0											OMITTED IN THE FIELD
M41	5.675	L1	N	1.8							1.8	CONC						F				RR OVERPASS - LEAVING BRIDGE
M42	5.100	L1	O	1.8	0.7	0.5	1.0	1.8			5.8	SAHM	6.3	2.4	S	IB	M	F				TRANSVERSE CRACKING
M44	4.600	L1	N	1.9	0.5	0.5	0.5	1.4			4.8	SAHM	6.1	1.9	B	IB	M	F				LONGITUDINAL CRACKING
M45	4.100	L1	O	2.0	0.8	0.5	0.4	1.1			4.8	SAHM	7.0	2.0	S	IB	M	F				TRANSVERSE CRACKING, SAHM HAS BOTTOM UP CRACK AND SEPARATED AT 5"
M47	3.600	L1	N	2.0	1.1	0.5	0.4	1.4			5.4	SAHM	7.8	1.8	B	IB	M	F				BASE CHECK, LONGITUDINAL CRACKING
M48	3.100	L1	O	2.0	2.1						4.1	LR		4.1	B	II	M	P				TRANSVERSE CRACKING, 1" FROM WHITE LINE
M50	2.600	L1	I	1.8	1.0	0.5	0.9	1.7			5.9	SAHM	5.3	1.8	B	IB	M	F				LONGITUDINAL CRACKING
M51	2.100	L1	O	1.8	0.8	0.5	0.7	1.6			5.4	SAHM	7.6	1.6	B	IB	M	F				TRANSVERSE CRACKING, SAHM SEPARATED AT 4.6"
M53	1.600	L1	I	1.9	1.0	0.5	1.7	1.6			6.7	SAHM	6.6	2.0	B	IB	M	P				LONGITUDINAL CRACKING, SAHM SEPARATED AT 3.6"
M54	1.100	L1	O	2.0	0.7	0.5	0.7	1.3			5.2	SAHM	7.5	1.0	B	IB	M	F				LONGITUDINAL CRACKING
M58	0.600	L1	N	2.0	0.7	0.5	1.2				4.4	LR		2.4	S	IB	M	F				LONGITUDINAL CRACKING
M60	0.410	L1	O	2.0							2.0	LR		2.0	B	IB	S	P				SPALLING
M61	0.126	L1	O	2.0			2.3				4.3	LR	8.5	4.3	B	IB	M	F				BASE CHECK, TRANSVERSE CRACKING
M2	0.010	OR	N	3.2							3.2	LR						F				
M7	1.000	OR	N	2.7							2.7	LR	4.3					F				BASE CHECK
M10	2.000	OR	N	2.2							2.2	LR						G				
M13	3.000	OR	N	2.1	1.8						3.9	LR						G				
M16	4.000	OR	N	1.9	0.6						2.5	LR						G				

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: 6/3/2024 Page: 3 of 5 Typical Section No.: 1

Roadway Section:	35060000	Name:	SR 53 (Duval Avenue)			Lanes: 2
FIN Project ID:	210531-3	From:	SR 8 (I-10)			Shoulder Type and Condition: G / F / P
Federal Project No.:	N/A	To:	Livingston Street			Inside: 2 ft. C&G, 5 ft. Warn
County: Madison	SR No.: SR 53	Begin MP:	0.000	End MP:	6.704	Length: 6.704
Outside: 5 ft. & 6 ft. Paved						
Median Curbed (Y / N): Y	(X) Paved	(X) Lawn	Other:			Curb & Gutter (Y / N): Y

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				FC 12.5	S	ARMI	T-1	T-2			CORE LENGTH (in.)	TYPE	THICK-NESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
M19	5.000	OR	N	2.1	1.1						3.2	LR						G				
M25	6.082	OR	N	2.0	0.4						2.4	LR						G				
M29	6.612	OR	N	2.0	1.4						3.4	LR	4.5					G				BASE CHECK
M33	6.641	OL	N	1.9	2.7						4.6	LR		4.6	S	II	L	P				TRANSVERSE CRACKING
M37	6.150	OL	N	2.0	0.8						2.8	LR	6.3					G				BASE CHECK
M43	5.100	OL	N	2.2							2.2	LR						G				
M46	4.100	OL	N	1.7	1.2						2.9	LR						G				
M49	3.100	OL	N	2.2	0.7						2.9	LR						G				
M52	2.100	OL	N	2.1							2.1	LR						G				
M55	1.100	OL	N	2.2	0.4						2.6	LR						G				
M62	0.126	OL	N	1.7	3.4						5.1	LR	11.7					G				BASE CHECK
M5	0.596	RTO	N	2.1							2.1	LR						F				SE BANDIT ST/WAFFLE HOUSE ENTRANCE, SEVERELY RAVELED
M23	5.985	RTO	N	1.7	2.5						4.2	LR						G				SE OAK ST.
M26	6.147	RTO																				OMITTED IN THE FIELD
M30	6.630	RTO	N	1.9	1.3						3.2	LR						G				NE PYRUS STREET
M3	0.352	RLTTL	I	1.6	1.9						3.5	ABC	7.0	1.6	B	IB	M	P				I-10 ACCESS, TRANSVERSE CRACKING
M31	6.690	RRTTL	N	1.8	2.3						4.1	LR		4.1	B	II	S	P				
M35	6.319	LTO	N	1.7	1.4						3.1	LR						G				DADE STREET

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: 6/3/2024 Page: 4 of 5 Typical Section No.: 1

Roadway Section:	35060000	Name:	SR 53 (Duval Avenue)			Lanes: 2	
FIN Project ID:	210531-3	From:	SR 8 (I-10)			Shoulder Type and Condition:	G / F / P
Federal Project No.:	N/A	To:	Livingston Street			Inside: 2 ft. C&G, 5 ft. Warn	
County: Madison	SR No.: SR 53	Begin MP:	0.000	End MP:	6.704	Length:	6.704
							Outside: 5 ft. & 6 ft. Paved
Median Curbed (Y / N): Y	(X) Paved (X) Lawn Other:						Curb & Gutter (Y / N): Y

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				FC 12.5	S	ARMI	T-1	T-2			CORE LENGTH (in.)	TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
M59	0.596	LTO	N	1.7	2.7						4.4	LR						G				TRUCK STOP ENTRANCE
M63	0.066	LTO	N	2.0	1.3						3.3	LR						G				CR 4005
M64	0.690	CO	N	2.1		0.5	2.0	1.1			5.7	SAHM	5.0		S	II	L	F				CENTER CROSSOVER, PARABOLIC CROWN, TRANSVERSE CRACK

REMARKS: L1 - 0.857 STEEL PLATE OWP

The following locations are for Maintenance Patches - R1: 0.548-0.745, 6.671-6.682 L1: 0.410-0.387

Page: 5 of 5

COMMENTS	THICKNESS OF ASPHALT OVER SLAB (INCHES)	SUB SOIL CONDITION**	VOID ENCOUNTER D+ (INCHES)	THICKNESS OF SLAB (INCHES)	SLAB LOCATION	BRIDGE NUMBER	LANE	MILE POST	CORE NO.
BRIDGE LEAVE (see core #M21)	0.8	CONCRETE				350029	R1	5.742	1
BRIDGE LEAVE (see core #M41)	1.8	CONCRETE				350029	L1	5.675	2
REMARKS:									