

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Intertek- PSI

Coring Completion Date: 6/1/2023

Typical Section: 1

W.P.I. No.:		Name: SR 72		Lanes: 2	
Fin. Proj. ID: 451264-1		From: W of SW Rodgers Ave		Shoulder Type and Condition: Paved, Fair	
F.A. Project No.:		Roadway ID: 04060000		To: E of SR 661	
County: Desoto		SR No.: 72		Beg MP: 4.085	
				End MP: 10.310	
				Length: 6.225	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N		Paved	
				Lawn	
				Other:	
				Curb & Gutter (Y/N): Y	

Mainline Cores (ML)

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC12.5	FC9.5	SP12.5	SP9.5	S	S2	WC		LR	SAHM	ABC-2	RAP		DEPTH (IN)	TYPE	CLASS	EXTENT		
4	4.609	ML	R1	Y			0.9		3.4		1.7		6.0		5.0				6.0	A	II	M	P	Widening crack, 1/2 ABC 1/2 SAHM
5	4.726	ML	R1	Y			0.8		2.2		2.6		5.6		5.0				5.6	A	IB	M	P	Widening crack, 1/2 ABC 1/2 SAHM
7	5.185	ML	R1	Y			1.2		2.7		2.1		6.0		6.0				1.2	A	IB	L	F	SAHM fell apart
9	5.962	ML	R1	Y			1.2		2.4		2.4		6.0		6.5				2.0	B	II	M	P	SAHM fell apart
12	6.142	ML	R1	Y				1.9	0.9		2.2		5.0		5.0				5.0	A	II	M	P	Widening crack, 1/2 ABC 1/2 SAHM
14	6.452	ML	R1	N			1.0		3.0		2.1		6.1		6.0				2.1	C	III	S	P	Culvert, Joint Crack, 1/2 ABC 1/2 SAHM, Bottom-Up Crack
15	6.691	ML	R1	Y			1.2		2.7		2.3		6.2		5.0				6.2	C	II	M	P	Widening crack, SAHM fell apart, 1/2 ABC 1/2 SAHM
18	7.149	ML	R1	Y	0.6				2.4				3.0			4.0			2.5	A	II	M	F	
20	7.354	ML	R1	Y			1.2		2.8		1.5		5.5		5.0				5.5	C	II	M	P	Widening crack, 1/2 ABC 1/2 SAHM
22	8.136	ML	R1	Y			0.8		2.4		1.6		4.8		6.0				4.8	C	II	S	P	SAHM fell apart
25	8.837	ML	R1	Y			1.0		2.8				3.8		5.0				3.8	A	II	M	P	Widening crack, 1/2 ABC 1/2 SAHM
27	9.118	ML	R1	N			1.0		2.5		2.0		5.5		6.0				5.5	C	III	S	P	SAHM fell apart
28	9.309	ML	R1	N			1.0		2.2		1.9		5.1		7.0				2.1	C	III	S	P	Bottom-Up Crack
30	10.031	ML	R1	Y			1.0		2.8		2.1		5.9		3.0				5.9	C	II	S	P	Widening crack, 1/2 ABC 1/2 SAHM
32	10.217	ML	L1	Y		1.5		3.5					5.0			3.0		18.0					F	
35	9.645	ML	L1	Y			1.2		2.4		1.7		5.3		5.0				5.3	A	IB	M	P	SAHM fell apart
38	9.001	ML	L1	Y			0.9		2.3		2.3		5.5		6.0				5.5	A	II	M	P	Widening crack, ABC and SAHM base
41	8.417	ML	L1	Y	1.1				2.5		1.9		5.5		7.0				5.5	A	II	M	P	SAHM fell apart
43	7.808	ML	L1	Y			1.3		3.5		1.6	0.3	6.7		4.0				2.0	A	IB	M	P	SAHM fell apart
45	7.287	ML	L1	N	1.0				4.5				5.5			8.2		10.5	2.7	C	II	M	P	Ravelling
47	7.107	ML	L1	N	0.9				2.1				3.0			4.0		18.0	1.5	A	IB	M	P	Widening crack
49	6.838	ML	L1	Y			1.0		1.8		1.6		4.4		8.0				4.4	A	IB	M	P	Widening crack
51	6.297	ML	L1	N			1.1		2.5				3.6			8.3		12.0	2.2	A	IB	L	F	
54	5.805	ML	L1	Y			1.0		2.5		2.5		6.0		6.0				6.0	A	IB	M	P	SAHM fell apart
56	5.473	ML	L1	Y			1.4		2.5				3.9			9.6			1.5	A	IB	L	F	Culvert
57	5.301	ML	L1	Y			1.1		3.0		1.5		5.6		6.5				5.6	A	IB	M	F	SAHM fell apart
59	4.909	ML	L1	Y			1.0		3.8				8.6		3.0				8.6	A	II	M	P	Widening crack, 1/2 ABC 1/2 SAHM
AVERAGE						0.90	1.50	1.06	2.70	2.64	2.07	0.30	5.30		5.52	6.18		14.63	4.19					
MAX						1.10	1.50	1.40	3.50	4.50			8.60		8.00	9.60		18.00	8.60					
MIN						0.60	1.50	0.80	1.90	0.90			3.00		3.00	3.00		10.50	1.20					
LAYER COEF.						0.00	0.25	0.25	0.25	0.25	0.25	UNKW		0.18	0.11	0.16	UNKW	0.08						

- Notes:
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 - Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
 - The cross slope is approximate and measured in the center of the lane.
 - A blank cell indicates measurement was not recorded.
 - A value of "UNK" indicates material was encountered but the total thickness was not determined.

Lane Designations - Decreasing MP OL/IL - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	Lane Designations - Increasing MP OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	Lane Type ML - Mainline TL - Turn Lane CO - Crossover	S - Shoulder SS - Side Street BR - Bridge Approach/Departure	Crack Type A - Alligator B - Block C - Combination	Crack Rating Class IB - Hairline cracks that are ≤ 1/8 inch wide Class II - Cracks > than 1/8 inch and ≤ 1/4 inch Class III - Cracks > 1/4 inch	Extent L - Light M - Moderate S - Severe	Pavement Condition G - Good F - Fair P - Poor
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Coring Completion Date: 6/1/2023

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F.A. Project No.:		Roadway ID: 04060000		To: E of SR 661		Inside: N	
County: Desoto		SR No.: 72		Beg MP: 4.085	End MP: 10.310	Length: 6.225	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N	Paved	Lawn	Other:	Curb & Gutter (Y/N): Y	

Shoulder Cores (S)																								
CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC12.5	FC9.5	SP12.5	SP9.5	S	S2	WC		LR	SAHM	ABC-2	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT		
6	4.740	S	OR	N			1.0		2.0				3.0			3.8	8.0					F		
8	5.190	S	OR	N			1.2		1.5				2.7			3.2	10.0	0.2	A	IB	L	F		
10	5.969	S	OR	N			1.1		3.0				4.1			1.9	10.0					F		
13	6.145	S	OR	N			1.0		1.2				2.2			3.1	10.0					F		
16	6.694	S	OR	N			1.4		1.1				2.5			4.5						F		
19	7.153	S	OR	N	1.5				4.8				6.3	6.0				1.5	A	IB	M	F		
21	7.356	S	OR	N			1.5		1.5				3.0			3.8	18.0					F		
23	8.141	S	OR	N			1.2		1.0				2.2			4.1		0.2	A	IB	L	F		
26	8.841	S	OR	N			0.9		2.1				3.0			2.8						F		
29	9.313	S	OR	N			1.1		1.1				2.2			3.9	18.0					F		
31	10.035	S	OR	N		2.2							2.2			3.5		0.8	A	IB	L	F		
33	10.210	S	OL	N		1.5		6.7					8.2				1.5	A	IB	L	P			
36	9.640	S	OL	N			1.1		1.3				2.4			3.4						F		
39	8.995	S	OL	N			0.8		1.7				2.5			3.1						F		
42	8.410	S	OL	N			1.1		2.9				4.0			6.1						F		
44	7.797	S	OL	N			1.0		1.0				2.0			2.9	18.0					F		
48	7.102	S	OL	N	0.7				2.3				3.0	8.0								F		
50	6.832	S	OL	N			1.1		1.1				2.2			3.7						F		
52	6.291	S	OL	N			0.9		1.1				2.0			4.4	18.0					F		
55	5.801	S	OL	N			1.2		1.3				2.5			3.9	18.0					F		
58	5.294	S	OL	N			1.3		1.5				2.8			3.2	12.0					F		
60	4.902	S	OL	N			0.9		1.3				2.2			4.2	12.0					F		
AVERAGE						1.10	1.85	1.10	6.70	1.74			3.05	7.00		3.66	1.30	13.82	0.84					
MAX						1.50	2.20	1.50	6.70	4.80			8.20	8.00		6.10	1.30	18.00	1.50					
MIN						0.70	1.50	0.80	6.70	1.00			2.00	6.00		1.90	1.30	8.00	0.20					
LAYER COEF.						0.00	0.25	0.25	0.25	0.25	0.25	UNKW		0.18	0.11	0.16	UNKW	0.08						

Notes:

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<u>Lane Designations - Decreasing MP</u> OL/IL - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	<u>Lane Type</u> ML - Mainline TL - Turn Lane CO - Crossover S - Shoulder SS - Side Street BR - Bridge Approach/Departure	<u>Crack Type</u> A - Alligator B - Block C - Combination	<u>Crack Rating</u> Class IB - Hairline cracks that are ≤ 1/8 inch wide Class II - Cracks > than 1/8 inch and ≤ 1/4 inch Class III - Cracks > 1/4 inch	<u>Extent</u> L - Light M - Moderate S - Severe	<u>Pavement Condition</u> G - Good F - Fair P - Poor
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F.A. Project No.:		Roadway ID: 04060000		To: E of SR 661		Inside: N	
County: Desoto		SR No.: 72		Beg MP: 4.085	End MP: 10.310	Length: 6.225	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N	Paved	Lawn	Other:	Curb & Gutter (Y/N): Y	

Turn Lane Cores (TL)

CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC12.5	FC9.5	SP12.5	SP9.5	S	S2	WC	LR	SAHM		ABC-2	RAP	DEPTH (IN.)	TYPE		CLASS	EXTENT				
11	6.090	TL	RR	Y			0.8		5.7					6.5			4.9		12.0					P	Slippage	
17	7.139	TL	RL	N	1.0				6.6				2.0	9.6		3.2								F	SAHM fell apart	
24	8.495	TL	RL	N			1.0		2.8				2.3	6.1		6.0								F	SAHM fell apart	
34	10.157	TL	LL	N		1.6		1.9	0.5			0.5	1.7	6.2		6.0			10.0					F	SAHM fell apart	
37	9.459	TL	LR	N			0.8		3.6					4.4	6.0					3.4	C	II	S	P	Widening Crack, 1/2 ABC 1/2 LR	
40	8.551	TL	LR	N			0.8		5.5					6.3	10.0					4.0	A	III	S	P		
46	7.202	TL	LR	N	0.8				2.7					3.5	12.0										F	
53	6.164	TL	LL	N		2.0			2.4				2.1	6.5		6.5									F	SAHM fell apart
AVERAGE					0.90	1.80	0.85	1.90	3.73				2.03	6.14	9.33	5.43	4.90		11.00	3.70						
MAX					1.00	2.00	1.00	1.90	6.60				2.30	9.60	12.00	6.50	4.90		12.00	4.00						
MIN					0.80	1.60	0.80	1.90	0.50				1.70	3.50	6.00	3.20	4.90		10.00	3.40						
LAYER COEF.					0.00	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.18	0.11	0.16	UNKW	0.08								

Notes:

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<u>Lane Designations - Decreasing MP</u>	<u>Lane Designations - Increasing MP</u>	<u>Lane Type</u>	<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	A - Alligator	Class IB - Hairline cracks that are ≤ 1/8 inch wide	L - Light	G - Good
L1 - 1st Lane Left of Centerline	R1 - 1st Lane Right of Centerline	TL - Turn Lane	B - Block	Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	M - Moderate	F - Fair
LL/RL - Left/Right Turn Lane	RL/RR - Left/Right Turn Lane	CO - Crossover	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				

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Fin. Proj. ID: 451264-1		From: W of SW Rodgers Ave				Shoulder Type and Condition: Paved, Fair	
F.A. Project No.:		Roadway ID: 04060101		To: E of SR 661		Inside: N	
County: Desoto		SR No.: 72		Beg MP: 0.000	End MP: 0.442	Length: 0.442	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N	Paved	Lawn	Other:	Curb & Gutter (Y/N): Y	

All Cores																								
CORE NO.	MILE POST ²	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ³	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC12.5	FC9.5	SP12.5	SP9.5	S	S2	WC		LR	SAHM	ABC-2	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	4.133	ML	R1	Y		1.2		1.7	3.1				6.0	UNK				8.0					F	
2	4.142	S	OR	N					1.0				1.0			0.9		8.0					F	
3	4.329	ML	R1	Y			1.3		4.4				5.7	UNK					1.3	B	IB	L	F	
61	4.440	ML	L1	Y			0.9		3.6				4.5	6.5					1.3	C	IB	L	F	
62	4.166	ML	L1	N		1.5		2.2		3.0			6.7	UNK					2.6	C	II	L	F	
63	4.161	S	OL	N		1.3		2.1		0.8			4.2			4.3		18.0					F	
AVERAGE						1.40	0.90	2.15	3.60	1.90			5.13	6.50		4.30		18.00	1.95					
MAX						1.50	0.90	2.20	3.60	3.00			6.70	6.50		4.30		18.00	2.60					
MIN						1.30	0.90	2.10	3.60	0.80			4.20	6.50		4.30		18.00	1.30					
LAYER COEF:						0.00	0.25	0.25	0.25	0.25	0.25	UNKW		0.18	0.11	0.16	UNKW	0.08						

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