

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

Cored By: MADRID CPWG

Coring Completion Date: 7/27/2023

Typical Section: 1

W.P.I. No.:				Name: SR 37				Lanes: 2					
Fin. Proj. ID: 450889-1				From: N of CR 640				Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID: 16250000		To: Moses St				Inside: N/A					
County: Polk		SR No.: 37		Beg MP: 15.329		End MP: 17.566		Length: 2.237		Outside: PAVED			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): N		Paved		Lawn		Other:		Curb & Gutter (Y/N): N	

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
					FC3	FC12.5	FC9.5	SP12.5	S	S2	T1	WC		LR	ABC-2	RAP	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	15.822	ML	R1	Y	1.3				1.8	1.0	1.2	0.7		6.0	7.5			0.0	6.0	A	III	S	F	
2	16.181	ML	R1	Y	1.2				1.8	1.5		0.4		4.9	8.0			10.5	2.9	B	II	M	F	
3	17.507	ML	R1	N		1.6		2.5		1.3		0.5		5.9	12.0			0.0	3.0	C	II	M	P	
4	17.517	ML	L1	Y		1.5			3.7			0.3		5.5	9.0				5.5	B	III	S	P	
6	15.368	ML	R1	Y	1.3				2.0	0.8	1.7	0.7		6.5	8.0			0.0					F	
7	15.765	ML	R1	N	1.5				1.8	1.4		0.7		5.4	8.5			0.0					F	
8	16.391	ML	R1	Y	1.3				1.4	1.3		0.5		4.5	9.5			0.0	3.3	B	II	M	F	
9	16.769	ML	R1	Y	1.1				2.0	0.7		0.6		4.4	8.0								F	
10	17.087	ML	R1	Y	1.4				2.2	0.9		0.6		5.1	8.5			0.0					F	
11	17.381	ML	R1	N	1.5				1.3	1.0		0.7		4.5	12.0			0.0					F	
12	17.262	ML	L1	Y	1.0				1.5	0.9		0.6		4.0	12.0			0.0	2.3	C	IB	L	F	
13	16.916	ML	L1	Y	1.3				1.9	1.4		0.7		5.3	12.0			0.0	5.3	B	II	M	F	BASE CRACK
14	16.599	ML	L1	N	1.2				1.7	1.0		0.4		4.3	8.0			14.0					F	
15	16.266	ML	L1	N	1.7				2.2	0.8		0.7		5.4				10.0	2.3	C	IB	L	F	
16	15.980	ML	L1	Y	1.7				1.8	1.9		0.6		6.0	6.0			0.0					F	
17	15.550	ML	L1	Y	1.3				1.5	1.3	0.9	0.7		5.7	9.5			0.0					F	
AVERAGE					1.34	1.55		2.50	1.91	1.15	1.27	0.59		5.21	9.23			2.46	3.83					
MAX					1.70	1.60		2.50	3.70	1.90	1.70	0.70		6.50	12.00			14.00	6.00					
MIN					1.00	1.50		2.50	1.30	0.70	0.90	0.30		4.00	6.00			0.00	2.30					
LAYER COEF.					0.17	0.25	0.25	0.25	0.25	0.25	0.23	UNKW			0.18	0.16	UNKW	UNKW	0.08					

Notes:

1. The data presented on this table is specific only at the locations cored at the time of the investigation. Should questions arise regarding the pavement composition, it is incumbent upon those raising the question to perform additional exploration as necessary.
2. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
3. Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
4. The cross slope is approximate and measured in the center of the lane.
5. A blank cell indicates measurement was not recorded.
6. A value of "UNK" indicates material was encountered but the total thickness was not determined.

<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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Coring Completion Date: 7/27/2023

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Fin. Proj. ID: 450889-1	From: N of CR 640	Shoulder Type and Condition:
F.A. Project No.:	To: Moses St	Inside: N/A
County: Polk	Beg MP: 15.329	End MP: 17.566
Roadway ID: 16250000	Length: 2.237	Outside: PAVED
SR No.: 37	Other:	Curb & Gutter (Y/N): N
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Paved

Shoulder and Turn Lane Cores (S/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	
					FC3	FC12.5	FC9.5	SP12.5	S	S2	T1	WC	LR	ABC-2		RAP	CONC	DEPTH (IN.)	TYPE		CLASS	EXTENT					
5	16.139	S	OL	N	1.0					2.3						3.3				9.2	0.0	3.3	C	II	M	P	
18	15.444	S	OR	N	1.4					1.6						3.0			8.0	0.0						F	MEASURED IN HOLE, BOTTOM FELL APART
19	15.697	S	OR	N	1.7					1.3						3.0			6.5	0.0						F	MEASURED IN HOLE, BOTTOM FELL APART
20	16.008	S	OR	N	1.5					2.0						3.5			3.0	0.0						F	MEASURED IN HOLE, BOTTOM FELL APART
21	16.472	S	OR	N	1.2					1.4						2.6			4.4	0.0						P	MEASURED IN HOLE, BOTTOM FELL APART
22	16.832	S	OR	N	1.4					1.6						3.0			6.5	0.0						F	MEASURED IN HOLE, BOTTOM FELL APART
23	17.169	S	OR	N	1.3					1.7						3.0			4.6	0.0						F	MEASURED IN HOLE
24	17.441	S	OL	N	2.0											2.0			8.5	0.0						F	MEASURED IN HOLE, BOTTOM FELL APART
25	17.031	S	OL	N	1.6					1.9						3.5			5.5	0.0						F	MEASURED IN HOLE, BOTTOM FELL APART
26	16.700	S	OL	N	1.5					1.5						3.0			6.0	0.0	3.0	C	IB	L	F	F	MEASURED IN HOLE, BASE CRACK
27	16.356	S	OL	N	1.3					1.7						3.0			6.0	0.0	3.0	C	IB	L	F	F	MEASURED IN HOLE, BOTTOM FELL APART
28	15.926	S	OL	N	1.6					1.9						3.5			6.5	0.0						F	MEASURED IN HOLE, BOTTOM FELL APART
29	15.616	S	OL	N	1.5					1.8						3.3			5.2	0.0						F	MEASURED IN HOLE, BOTTOM FELL APART
30	15.708	TL	LR	N	1.5					2.0						3.5	12.0			0.0						F	
AVERAGE					1.46					1.75						3.09	12.00		5.89	9.20	0.00	3.10					
MAX					2.00					2.30						3.50	12.00		8.50	9.20	0.00	3.30					
MIN					1.00					1.30						2.00	12.00		3.00	9.20	0.00	3.00					
LAYER COEF.					0.17	0.25	0.25	0.25	0.25	0.25	0.23	UNKW				0.18	0.16	UNKW	UNKW	0.08							

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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	<u>Lane Type</u> 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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Overall Pavement Condition (from DMO field review): Fair	End MP: 17.566	Length: 2.237
	Median Curbed (Y/N): N	Paved
		Lawn
		Other:
		Inside: N/A
		Outside: PAVED
		Curb & Gutter (Y/N): N

Side Street Cores (SS)

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
					FC3	FC12.5	FC9.5	SP12.5	S	S2	T1	WC				LR	ABC-2	RAP	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
31	16.066	SS	NA	Y	1.3					2.7					4.0		7.9			0.0	3.0	B	IB	L	F	OLD HWY 37
32	16.426	SS	NA	N		1.9								1.9	14.0				0.0					F	COZART RD	
33	16.967	SS	NA	Y			1.5							1.5	9.5									F	BLUFF RD	
35	17.455	SS	NA	Y						2.7	2.0			4.7		1.8			0.0	4.7	B	II	M	P	CAMERON ST	
36	17.508	SS	NA	N	0.5					1.8	2.0			4.3		0.4			0.0					P	GIBSON ST	
37	17.549	SS	NA	Y		1.5				1.0				2.5		2.7			0.0					F	KINGSFORD CIRCLE	
38	17.566	SS	NA	N		1.7				0.7	2.3			4.7		0.4			0.0					F	MOSES ST	
AVERAGE					0.90	1.70	1.50			1.78	2.10			3.37	11.75	2.64			0.00	3.85						
MAX					1.30	1.90	1.50			2.70	2.30			4.70	14.00	7.90			0.00	4.70						
MIN					0.50	1.50	1.50			0.70	2.00			1.50	9.50	0.40			0.00	3.00						
LAYER COEF.					0.17	0.25	0.25	0.25	0.25	0.25	0.25	0.23	UNKW		0.18	0.16	UNKW	UNKW	0.08							

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