

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

Cored By: MADRID CPWG

Coring Completion Date: 9/14/2023

Typical Section: 1

W.P.I. No.:		Name:	SR 35			Lanes:	6 Lane Urban Principal Arterial Roadway						
Fin. Proj. ID:	450877-1	From:	S of SR 540			Shoulder Type and Condition:							
F.A. Project No.:		Roadway ID:	16060000			To: N of Brooks St							
County:	Polk	SR No.:	35			Beg MP: 7.736    End MP: 8.471    Length: 0.735							
Overall Pavement Condition (from DMO field review):					Fair	Median Curbed (Y/N):		Y	Paved	Lawn	Other:	Curb & Gutter (Y/N):	N

**Mainline Cores (ML)**

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				CRACK				PAVEMENT CONDITION	COMMENTS		
					FC5	FC12.5	SP12.5	S	BIND								LR	ABC-2			STABILIZED SUBGRADE <sup>3</sup>	DEPTH (IN.)	TYPE			CLASS	EXTENT
1	8.399	ML	L4	Y		1.3	1.9								3.2	28.0					0.0					P	
3	8.079	ML	R2	Y	0.5		1.8	1.7							4.0	12.0					0.0	3.0	C	II	M	P	
4	8.041	ML	R3	Y	0.7		1.4	2.1							4.2	11.0					0.0	2.1	A	II	M	P	
5	8.199	ML	R3	Y	0.7		1.4	1.1							3.2	13.0						3.2	A	II	M	P	Alligator Cracking
6	8.321	ML	L1	Y	1.0		1.8	2.7							5.5	12.0					18.0	1.0	C	I	L	P	
7	8.101	ML	L1	Y	1.0		1.4	1.4							3.8	12.0					16.0	3.8	A	III	S	P	
8	8.334	ML	L2	Y	0.8	1.5	1.5								3.8	12.0					0.0	3.8	A	III	S	P	
9	8.323	ML	L3	Y	0.7		1.7	1.9							4.3	12.0					0.0	2.3	B	III	S	P	
10	7.742	ML	R1	N	0.8		1.9	1.7	0.9						5.3	9.0					0.0					F	
11	7.815	ML	R1	N	1.0		1.8	1.6	0.6						5.0	9.0					0.0					F	
12	7.904	ML	R1	N	0.8		1.5	1.4							3.7	10.0					0.0					F	
13	7.977	ML	R1	Y	0.9		1.6	1.4							3.9	10.0					0.0					F	
14	8.053	ML	R1	Y	1.0		1.7		1.0						3.7	10.0					0.0					F	
15	8.136	ML	R1	Y	1.2		1.3	1.4							3.9	10.0					0.0					F	Patched Area
16	8.223	ML	R1	N	1.0		1.4	1.4							3.8	11.5					13.0					F	
17	8.319	ML	R1	Y	0.9		1.9	1.4							4.2		6.3				0.0					F	
18	8.396	ML	R1	N		1.4		2.5							3.9	10.5					0.0					F	
19	7.767	ML	R2	Y	0.7		1.5	1.3	1.0						4.5	10.0					0.0					F	
20	7.796	ML	R3	Y	0.8		1.3	4.7							6.8	4.0					0.0					P	
21	7.847	ML	R2	N	0.8		2.0	2.0	0.9						5.7	8.0					0.0					F	
22	7.866	ML	R3	N		1.7	0.8	1.5							4.0	13.0										F	
23	7.885	ML	R4	N		1.6	0.6	2.4							4.6	13.0										F	
24	7.919	ML	R2	Y	1.3		1.0	1.6							3.9	15.0					0.0	3.9	C	III	S	P	
25	7.942	ML	R3	N	0.9		1.9	1.9							4.7	12.0					0.0					F	
26	7.961	ML	R4	N	0.8		2.2	2.2							5.2	13.0						2.5	C	I	L	P	
27	8.013	ML	R2	Y	0.5		1.8	1.7							4.0	11.0					0.0					F	
28	8.036	ML	R3	N	0.9		1.4	1.8							4.1	11.0					0.0	2.5	A	II	M	P	
29	8.087	ML	R2	Y	0.7		1.6	1.7							4.0	11.0					0.0	3.6	C	II	M	P	
30	8.109	ML	R3	Y	1.1		1.8	1.4							4.3	11.5					0.0					F	
31	8.168	ML	R2	Y	0.7		1.4	2.4							4.5	12.0					0.0	3.0	C	II	M	P	Patched Area
32	8.192	ML	R3	Y	0.9		1.8	1.0							3.7	12.0						3.7	A	II	M	P	Alligator Cracking
33	8.269	ML	R2	Y	0.7		1.6	1.9							4.2	10.5					11.0					P	
34	8.291	ML	R3	N		1.5	0.9	8.0							10.4	8.0										F	Patched Area
35	8.348	ML	R2	N	0.7		1.8	1.3							3.8		5.8				12.0					F	
36	8.372	ML	R3	Y	0.7		1.6	1.4							3.7		5.6				12.0					P	Patched Area
37	8.429	ML	R2	Y		1.2		2.3							3.5	12.0					0.0					F	
38	8.460	ML	R3	N		1.5	3.9								5.4	18.0					0.0					F	Patched Area

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Cored By: MADRID CPWG

Coring Completion Date: 9/14/2023

Typical Section: 1

W.P.I. No.:		Name:	SR 35		Lanes:	6 Lane Urban Principal Arterial Roadway		
Fin. Proj. ID:	450877-1	From:	S of SR 540		Shoulder Type and Condition:			
F.A. Project No.:		Roadway ID:	16060000		To:			
County:	Polk	SR No.:	35		N of Brooks St			
Overall Pavement Condition (from DMO field review):		Fair	Beg MP:	7.736	End MP:	8.471	Length:	0.735
			Median Curbed (Y/N):	Y	Paved	Lawn	Other:	
					Inside:			
					Outside:			
					Curb & Gutter (Y/N):	N		

**Mainline Cores (ML)**

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				CRACK				PAVEMENT CONDITION	COMMENTS		
					FC5	FC12.5	SP12.5	S	BIND								LR	ABC-2			STABILIZED SUBGRADE <sup>3</sup>	DEPTH (IN.)	TYPE			CLASS	EXTENT
39	8.471	ML	L1	N		1.5		2.3							3.8	13.0					0.0					F	
40	8.386	ML	L1	N		1.4		2.6							4.0	11.0					16.0					F	
41	8.300	ML	L1	N	1.0		1.8	1.9							4.7	11.0					16.0					F	
42	8.200	ML	L1	N	0.8		1.7	1.6							4.1	11.0					15.0					F	
43	8.115	ML	L1	Y	0.8		2.0	1.4							4.2	12.0					16.0					F	
44	8.042	ML	L1	Y	0.9		1.7	1.4							4.0	12.0					15.0					F	
45	7.960	ML	L1	N	0.8		2.0	1.5							4.3	11.0					15.0					F	Patched Area
46	7.880	ML	L1	N	1.2		2.0	1.7							4.9	12.0					15.0					F	
47	7.801	ML	L1	N	1.5		4.7								6.2	12.0					15.0					F	
48	8.437	ML	L2	Y		1.7		2.2							3.9	10.5					0.0					F	
49	8.417	ML	L3	N		1.6		2.4							4.0	10.0					0.0					F	
50	8.407	ML	L4	N		0.8		2.2							3.0	10.0					0.0	3.0	A	II	M	P	
51	8.351	ML	L2	Y		1.4	0.7	1.4							3.5	10.0					0.0					F	Patched Area
52	8.328	ML	L3	N	1.0		1.4	1.3							3.7	11.0					0.0	3.7	A	III	S	P	
53	8.305	ML	L4	N	1.2		1.7	1.7							4.6	11.0					0.0	3.1	C	II	M	P	
54	8.281	ML	L2	Y	0.8		1.4	1.2							3.4	10.0					0.0	3.4	A	I	L	P	
55	8.263	ML	L3	N	0.5		1.9	1.4							3.8	12.0					11.0	3.8	A	II	M	P	
56	8.229	ML	L4	N	0.7		1.5	1.3							3.5	12.0					10.0	3.5	C	I	L	P	
57	8.156	ML	L2	N	1.1		1.3	2.1							4.5	11.0					0.0					F	Patched Area
58	8.125	ML	L3	N	0.8		1.5	1.5							3.8	11.5					0.0					F	
59	8.178	ML	L4	N	0.7		0.9	1.3							2.9	16.0					0.0					F	
60	8.081	ML	L2	Y	0.9		1.5	1.6							4.0	11.0					0.0					P	
61	8.063	ML	L3	Y	1.0		1.4	1.1							3.5	10.0					11.0					F	Bottom up Crack
62	8.002	ML	L2	N		1.3	0.8	1.4							3.5	13.0					11.0					F	
63	7.978	ML	L3	N		1.4	0.8	1.3							3.5	12.0					11.0					F	
64	7.927	ML	L2	Y		1.5	0.8	1.4							3.7	11.0					0.0					F	
65	7.903	ML	L3	N		1.3	0.9	0.9							3.1	11.0					0.0					F	
66	7.861	ML	L2	N		1.5	0.9	2.3							4.7	12.0					0.0					F	
67	7.827	ML	L3	N		1.7	0.8	1.6	1.5						5.6	8.0					0.0					F	Bottom up Crack
68	7.778	ML	L2	Y	1.2		1.5	1.5	0.9						5.1	10.0					0.0					P	
69	7.744	ML	L3	N	0.9		1.7	0.8	1.2						4.6	9.0					0.0					F	
92	8.156	ML	R1	N	1.0		1.6	1.3							3.9	10.5					0.0					F	
<b>AVERAGE</b>					<b>0.88</b>	<b>1.44</b>	<b>1.58</b>	<b>1.81</b>	<b>1.00</b>						<b>4.27</b>	<b>11.43</b>	<b>5.90</b>				<b>4.11</b>	<b>3.10</b>					
<b>MAX</b>					<b>1.50</b>	<b>1.70</b>	<b>4.70</b>	<b>8.00</b>	<b>1.50</b>						<b>10.40</b>	<b>28.00</b>	<b>6.30</b>				<b>18.00</b>	<b>3.90</b>					
<b>MIN</b>					<b>0.50</b>	<b>0.80</b>	<b>0.60</b>	<b>0.80</b>	<b>0.60</b>						<b>2.90</b>	<b>4.00</b>	<b>5.60</b>				<b>0.00</b>	<b>1.00</b>					
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.20</b>							<b>0.18</b>	<b>0.16</b>				<b>0.08</b>						

Notes:



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Fin. Proj. ID:	450877-1	From:	S of SR 540			Shoulder Type and Condition:							
F.A. Project No.:		Roadway ID:	16060000			To: N of Brooks St							
County:	Polk	SR No.:	35			Beg MP: 7.736    End MP: 8.471    Length: 0.735							
Overall Pavement Condition (from DMO field review):					Fair	Median Curbed (Y/N):		Y	Paved	Lawn	Other:	Curb & Gutter (Y/N):	N

**Turn Lane Cores (TL)**

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE			STABILIZED SUBGRADE <sup>3</sup>	DEPTH (IN.)	CRACK			PAVEMENT CONDITION	COMMENTS	
					FC5	FC12.5	SP12.5	S	BIND							LR			ABC-2		TYPE			CLASS
2	8.310	TL	LR	N	0.5		1.2	1.6						3.3	10.0			0.0	3.3	C	II	M	P	
82	7.778	TL	RR	N	1.0		4.2							5.2	16.0			0.0					F	
83	7.810	TL	RL	Y	1.1		1.6	1.9	1.4					6.0	13.0			0.0					F	
84	7.900	TL	LL1	Y	1.0		1.2	1.7						3.9	12.0			0.0					F	
85	7.941	TL	LL2	N	0.9		1.4	2.3						4.6	13.0			0.0					F	
86	8.031	TL	RR	N	0.8		1.4	8.2						10.4	4.0			0.0					F	
87	8.106	TL	LR	N	0.9		1.2	1.9						4.0	12.0			13.0					F	
88	8.125	TL	RR2	N	1.0		1.4	1.8						4.2	12.0			18.0					F	
89	8.166	TL	RR1	Y	0.9		1.8	1.8						4.5	13.0			0.0					P	
90	8.273	TL	LR	Y	1.0		1.2	1.9						4.1	11.0			14.0					F	
91	8.363	TL	RR	Y	1.0		1.2	1.4						3.6		6.0							F	
<b>AVERAGE</b>					<b>0.92</b>		<b>1.62</b>	<b>2.45</b>	<b>1.40</b>					<b>4.89</b>	<b>11.60</b>	<b>6.00</b>		<b>4.50</b>	<b>3.30</b>					
<b>MAX</b>					<b>1.10</b>		<b>4.20</b>	<b>8.20</b>	<b>1.40</b>					<b>10.40</b>	<b>16.00</b>	<b>6.00</b>		<b>18.00</b>	<b>3.30</b>					
<b>MIN</b>					<b>0.50</b>		<b>1.20</b>	<b>1.40</b>	<b>1.40</b>					<b>3.30</b>	<b>4.00</b>	<b>6.00</b>		<b>0.00</b>	<b>3.30</b>					
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.20</b>						<b>0.18</b>	<b>0.16</b>		<b>0.08</b>						

- Notes:
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  - Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
  - 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.

<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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F.A. Project No.:		Roadway ID:	16060000			To:	N of Brooks St						
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Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N):	Y	Paved	Lawn	Other:		Curb & Gutter (Y/N):	N

**Shoulder Cores (S)**

CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE			STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS		
					FC5	FC12.5	SP12.5	S	BIND							LR		ABC-2		DEPTH (IN.)	TYPE			CLASS	EXTENT
70	7.740	S	OR	N	0.8		2.2						3.0	12.0				10.0					F		
71	8.020	S	OR	N	0.6		1.7	0.6					2.9	6.0										F	
72	8.301	S	OR	N	0.8		1.3	5.7					7.8	10.0										F	
74	8.211	S	IR	N	1.1		1.5	1.7					4.3	11.0										F	
75	7.898	S	IR	N	0.7		1.7	1.8					4.2	13.0				0.0						F	
76	8.399	S	OL	N		1.5	1.3						2.8	27.5				0.0						F	
77	8.179	S	OL	N	1.0		0.7	2.0					3.7	16.0				0.0						F	
78	7.954	S	OL	N	0.8		1.7	0.3					2.8	12.0				0.0						F	
79	8.345	S	IL	N	0.9		1.6	2.1					4.6	12.0				16.0						F	
80	8.103	S	IL	N	1.0		1.8	1.6					4.4	12.0				15.0						F	
81	7.799	S	IL	N	1.2		4.3						5.5	12.0				16.0						F	
<b>AVERAGE</b>					<b>0.89</b>	<b>1.50</b>	<b>1.80</b>	<b>1.98</b>					<b>4.18</b>	<b>13.05</b>				<b>8.33</b>							
<b>MAX</b>					<b>1.20</b>	<b>1.50</b>	<b>4.30</b>	<b>5.70</b>					<b>7.80</b>	<b>27.50</b>				<b>18.00</b>							
<b>MIN</b>					<b>0.60</b>	<b>1.50</b>	<b>0.70</b>	<b>0.30</b>					<b>2.80</b>	<b>6.00</b>				<b>0.00</b>							
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.20</b>					<b>0.18</b>	<b>0.16</b>			<b>0.08</b>							

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	<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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