

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

Cored By: TEST LAB, INC.

Coring Completion Date: 7/21/2025

Typical Section: 1

W.P.I. No.:		Name:	SR 544				Lanes:	6 Lane Urban Principle Arterial Roadway							
Fin. Proj. ID:	454941-1	From:	SR 600 (US 92)				Shoulder Type and Condition:								
F.A. Project No.:		Roadway ID:	16140000				To:	8th St. NW (US 17)				Inside:	NONE		
County:	POLK	SR No.:	544		Beg MP:	0.016	End MP:	3.176	Length:	3.160	Outside:	NONE			
Overall Pavement Condition (from DMO field review):					Fair	Median Curbed (Y/N):	Y	Paved:	Y	Lawn:	Y	Other:		Curb & Gutter (Y/N):	Y

**Mainline and Bridge Cores (ML/BR)**

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
					FC12.5	SP12.5	SP9.5	S								ABC-2	LR	CONC			DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	0.029	ML	R2	Y	1.5			2.8							4.3		10.7			12.5	4.3	C	II	M	F	
2	0.049	ML	L1	Y	1.2			3.3						4.5		11.5					4.5	A	III	M	F	Base crack.
4	0.096	ML	R3	Y	1.6			5.4						7.0		7.5					7.0	C	III	S	F	Base crack. Separation in S-layer.
6	0.162	ML	L2	Y	1.5			2.5						4.0		9.3					4.0	A	II	M	F	Base crack.
7	0.197	ML	R1	Y	1.2			1.8						3.0		13.5					3.0	B	II	S	F	Base crack.
10	0.269	ML	R2	Y	1.5			1.7						3.2		10.3					3.2	A	II	L	F	
11	0.303	ML	L3	N	1.5			2.0						3.5		14.5					2.4	C	II	S	F	Separation in S-layer.
12	0.390	ML	L2	Y	1.4			2.0						3.4		10.1					3.4	C	IB	L	F	
13	0.412	ML	R2	Y	1.3			1.7						3.0		9.0					2.6	A	II	S	F	
14	0.451	ML	R1	Y	1.5			1.7						3.2		6.8			19.5		2.4	A	III	L	F	
15	0.455	ML	L3	Y	1.8			1.7						3.5		9.5					3.5	B	III	S	F	
17	0.547	ML	R1	Y	1.6			1.5						3.1		12.5					2.0	B	II	M	F	
18	0.604	ML	L1	Y	1.6			1.8						3.4		11.4					3.4	A	II	L	F	Base crack.
19	0.607	ML	R3	Y	1.2			2.5						3.7		12.6					3.7	B	III	M	F	Base crack.
21	0.693	ML	R2	Y	1.7			2.1						3.8		11.2					3.8	A	III	M	F	
23	0.714	ML	L2	Y	1.4			1.8						3.2		10.9					3.2	C	II	S	F	Base crack.
24	0.775	ML	R1	Y	1.6			2.1						3.7		11.3					3.7	A	IB	M	F	Base crack.
26	0.814	ML	L1	Y	1.6			1.9						3.5		9.5					3.5	B	III	S	F	Base crack.
27	0.867	ML	R3	Y	1.5			2.6						4.1		8.9			17.5		4.1	B	III	M	F	Base crack.
29	0.907	ML	L3	Y	1.4			2.3						3.7		14.3					3.7	B	III	M	F	Base crack.
30	1.001	ML	R2	Y	1.4			2.1						3.5		14.0					2.6	C	II	M	F	
32	1.054	ML	L1	Y	1.8			2.7						4.5		12.5					2.7	B	III	L	F	Separation under FC-layer.
34	1.112	ML	R1	Y	1.5			3.4						4.9		13.6					4.9	B	II	M	F	
35	1.153	ML	L3	N	1.3			2.5						3.8		11.2			14.0		3.8	B	IB	M	F	Base crack.
36	1.249	ML	R3	Y	1.4			2.7						4.1		17.4					4.1	B	III	S	F	Base crack.
37	1.294	ML	L2	Y	1.3			2.0						3.3		13.7					3.3	C	IB	S	P	Base crack.
39	1.366	ML	L3	Y	1.8			1.8						3.6		9.9					3.6	A	IB	L	F	
40	1.385	ML	R1	Y	1.5			1.6						3.1		12.9					3.1	B	III	L	F	Base crack.
41	1.445	ML	R3	Y	1.4			2.0						3.4		11.1					3.4	B	III	L	F	Base crack.
42	1.486	ML	L2	Y	1.5			2.5						4.0		9.0					4.0	C	III	S	P	Base crack.

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**PAVEMENT EVALUATION CORING AND CONDITION DATA**

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Typical Section: 1

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Fin. Proj. ID:	454941-1	From:	SR 600 (US 92)				Shoulder Type and Condition:								
F.A. Project No.:		Roadway ID:	16140000				To:	8th St. NW (US 17)				Inside:	NONE		
County:	POLK	SR No.:	544		Beg MP:	0.016	End MP:	3.176	Length:	3.160	Outside:	NONE			
Overall Pavement Condition (from DMO field review):					Fair	Median Curbed (Y/N):	Y	Paved:	Y	Lawn:	Y	Other:		Curb & Gutter (Y/N):	Y

**Mainline and Bridge Cores (ML/BR)**

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
					FC12.5	SP12.5	SP9.5	S								ABC-2	LR	CONC			DEPTH (IN.)	TYPE	CLASS	EXTENT		
44	1.586	ML	L2	Y	1.5			2.0							3.5		12.5			14.5					F	
45	1.586	ML	L2	N	1.5			2.1							3.6		12.7				3.6	B	III	L	F	Base crack.
46	1.586	ML	L3	Y	1.6			2.1							3.7		9.3			25.5	3.7	B	III	L	F	
47	1.605	ML	L1	Y	1.5			1.7							3.2		14.9				3.2	C	III	S	P	Base crack.
49	1.667	ML	R2	Y	3.0			4.0							7.0		26.5								P	Separation in FC-layer. Patch.
50	1.691	ML	L3	Y	1.5			2.2							3.7		16.8				3.7	B	IB	L	F	
51	1.717	ML	R3	Y	1.3			2.5							3.8		11.5			7.3	3.8	C	III	M	F	
53	1.805	ML	L1	Y	1.5			2.4							3.9		16.6				3.9	A	III	M	F	Base crack.
54	1.838	ML	R2	Y	1.6			2.5							4.1		12.4				3.0	A	III	M	F	
55	1.890	BR	R1	Y	1.9			0.8							2.7			UNK			2.7	C	II	S	F	Approach slab.
56	1.890	BR	L2	Y	1.2			1.8							3.0			UNK			3.0	A	II	L	F	Departure slab.
57	1.903	BR	L3	Y	1.2			2.0							3.2			UNK			3.2	C	II	S	F	Approach slab.
58	1.903	BR	R2	Y	1.2			1.7							2.9			UNK			2.0	A	II	L	F	Departure slab.
59	1.957	ML	L2	Y	1.2			2.7							3.9		7.5				3.9	A	II	M	F	Separation in S-layer.
60	1.962	ML	R1	Y	1.5			2.1							3.6		20.4				3.6	C	II	S	F	Base crack.
61	2.019	ML	R3	Y	1.7			2.2							3.9		17.1				2.0	A	IB	L	F	
62	2.044	ML	L1	Y	1.4			2.0							3.4		16.1				3.4	A	IB	L	F	
64	2.107	ML	R2	Y	1.2			1.8							3.0		12.0			13.5	3.0	A	IB	S	P	Base crack.
65	2.186	ML	L2	Y	1.4			1.9							3.3		10.0				3.3	A	II	L	F	Base crack.
67	2.240	ML	R1	Y	1.6			1.6							3.2		14.1				3.2	C	III	S	F	Base crack.
68	2.294	ML	L3	Y	1.3			2.5							3.8		16.7				3.8	B	III	S	F	Base crack.
70	2.350	ML	R2	Y	1.3			4.6							5.9		13.6				3.1	A	III	M	F	
71	2.386	ML	L2	Y	1.4			3.8							5.2		9.8			33.0	2.5	A	III	S	P	
73	2.455	ML	L1	Y	1.5			4.5							6.0		8.5				3.2	C	III	S	F	
75	2.529	ML	R3	Y	1.3			2.9							4.2		11.1				4.2	A	IB	M	F	Base crack.
76	2.622	ML	R1	Y	1.2			2.8							4.0		16.3				4.0	C	II	M	F	Base crack.
77	2.632	ML	L3	Y	1.2			2.7							3.9		12.9				3.9	B	II	M	F	Base crack.
78	2.687	ML	R2	Y	1.4			2.9							4.3		10.7				4.3	A	II	M	F	Base crack.
79	2.688	ML	L1	Y	1.6			2.9							4.5		10.5			15.0	4.5	B	III	M	F	Base crack.
81	2.751	ML	L2	Y	1.3			2.5							3.8		12.2				3.8	B	III	M	F	Base crack.

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Typical Section: 1

W.P.I. No.:	Name: SR 544	Lanes: 6 Lane Urban Principle Arterial Roadway
Fin. Proj. ID: 454941-1	From: SR 600 (US 92)	Shoulder Type and Condition:
F.A. Project No.:	To: 8th St. NW (US 17)	Inside: NONE
County: POLK	Beg MP: 0.016	End MP: 3.176
Roadway ID: 16140000	Length: 3.160	Outside: NONE
SR No.: 544	Median Curbed (Y/N): Y	Paved: Y
Overall Pavement Condition (from DMO field review): Fair	Lawn: Y	Other:
		Curb & Gutter (Y/N): Y

**Mainline and Bridge Cores (ML/BR)**

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	
					FC12.5	SP12.5	SP9.5	S										ABC-2		LR	CONC	DEPTH (IN.)	TYPE			CLASS
82	2.813	ML	R3	Y	1.5			1.8							3.3		16.5				3.3	A	IB	M	F	Base crack.
83	2.846	ML	L3	Y	1.5			2.4							3.9		19.1				3.9	B	IB	M	F	Base crack.
85	2.929	ML	R1	Y	1.5			1.4							2.9		11.1			13.5	2.9	C	III	M	F	Base crack.
86	2.960	ML	L1	Y	1.4			2.0							3.4		14.1				3.4	A	IB	M	F	Base crack.
89	3.022	ML	R3	Y	1.2			2.2							3.4		9.4				3.4	A	IB	M	F	Base crack.
90	3.045	ML	L2	Y	1.4			2.3							3.7		10.6				3.7	A	IB	L	F	Base crack.
92	3.066	ML	R1	Y	1.3			2.1							3.4		10.9				3.4	B	II	L	F	Base crack.
93	3.092	ML	L3	Y	1.5			2.4							3.9		12.1				1.5	A	IB	L	F	
94	3.142	ML	R2	Y	1.2			1.8							3.0		9.0				3.0	B	IB	L	F	Base crack.
95	3.145	ML	L1	Y	1.5			1.8							3.3		12.2			13.0	3.3	A	III	M	P	
96	1.562	ML	R2	Y	1.5			2.0							3.5		13.0				3.5	B	II	L	F	Base crack.
97	2.919	ML	L2	Y	1.5			2.2							3.7		15.8				3.7	A	III	L	F	Base crack.
98	2.593	ML	L2	Y	1.6			2.9							4.5		11.8				4.5	A	II	M	F	Base crack.
99	2.115	ML	L3	Y	1.5			1.8							3.3		19.2				3.3	B	III	S	F	Base crack.
100	0.730	ML	R2	Y	1.7			2.2							3.9		12.4				3.9	C	III	S	F	Base crack.
101	1.160	ML	R2	Y	1.4			2.4							3.8		10.2				3.8	A	II	M	F	Base crack.
<b>AVERAGE</b>					<b>1.47</b>			<b>2.32</b>							<b>3.79</b>		<b>12.50</b>				<b>16.56</b>	<b>3.47</b>				
<b>MAX</b>					<b>3.00</b>			<b>5.40</b>							<b>7.00</b>		<b>26.50</b>				<b>33.00</b>	<b>7.00</b>				
<b>MIN</b>					<b>1.20</b>			<b>0.80</b>							<b>2.70</b>		<b>6.80</b>				<b>7.25</b>	<b>1.50</b>				
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>									<b>0.16</b>	<b>0.18</b>	<b>0.20</b>		<b>0.08</b>					

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>	<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>
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Coring Completion Date: 7/21/2025

Typical Section: 1

W.P.I. No.:		Name:	SR 544				Lanes:	6 Lane Urban Principle Arterial Roadway								
Fin. Proj. ID:	454941-1	From:	SR 600 (US 92)				Shoulder Type and Condition:									
F.A. Project No.:		Roadway ID:	16140000				To:	8th St. NW (US 17)				Inside:	NONE			
County:	POLK	SR No.:	544		Beg MP:	0.016	End MP:	3.176	Length:	3.160	Outside:	NONE				
Overall Pavement Condition (from DMO field review):					Fair		Median Curbed (Y/N):	Y	Paved:	Y	Lawn:	Y	Other:		Curb & Gutter (Y/N):	Y

**Turn Lane and Crossover Cores (TL/CO)**

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	
					FC12.5	SP12.5	SP9.5	S								ABC-2		LR	CONC	DEPTH (IN.)	TYPE			CLASS
3	0.065	TL	LR	Y	1.4			3.5					4.9		24.1			6.0	2.4	A	II	L	F	
5	0.135	CO	CO	Y	1.2			2.3					3.5		12.0				3.5	B	III	M	F	Base crack.
8	0.215	TL	LL	Y	1.7			2.5					4.2		9.6				4.2	B	III	L	F	Base crack.
9	0.261	TL	RL	Y	1.2			2.0					3.2		17.1								F	
16	0.463	TL	LL	Y	1.4			0.5					1.9		13.1				1.9	B	III	L	F	Base crack.
20	0.627	CO	CO	Y	1.2			1.9					3.1		12.4								F	
22	0.703	TL	RL	Y	1.3			2.9					4.2		6.8		15.5						F	
25	0.800	CO	CO	Y	1.5			2.5					4.0		10.5								F	
28	0.899	TL	LL	Y	1.5			1.9					3.4		13.9								F	
31	1.011	CO	CO	N	1.9			1.1					3.0		10.0								F	
33	1.060	TL	RL	Y	1.5			2.2					3.7	6.6									F	
38	1.347	TL	LL	Y	1.5			1.9					3.4		9.6		17.0		3.4	B	III	L	F	Base crack.
43	1.529	TL	RL	Y	1.6								1.6		11.4								F	
48	1.664	TL	LL	Y	1.2			1.8					3.0		12.8				3.0	B	IB	L	F	
52	1.773	TL	RL	Y	1.5			2.8					4.3		19.7								F	
63	2.059	CO	CO	N	1.7			1.6					3.3		12.7								F	
66	2.201	TL	RL	Y	1.2			2.0					3.2		14.8								F	
69	2.316	CO	CO	Y	1.3			3.7					5.0		9.0				2.5	B	IB	L	F	
72	2.440	CO	CO	N	0.8			3.6					4.4		17.1								P	
74	2.512	CO	CO	Y	2.2			3.6					5.8		8.2		19.0		2.3	B	III	L	F	
80	2.729	CO	CO	Y	1.5			2.6					4.1		18.2								F	
84	2.847	TL	RL	Y	1.6			0.8					2.4		18.6				2.4	B	IB	L	F	Base crack.
87	2.967	TL	RR	Y	1.0			1.3					2.3		11.7		15.0		2.3	B	II	L	F	Base crack.
88	3.013	TL	LL	Y				1.1					2.7		15.1								F	
91	1.790	CO	CO	Y	1.3			1.9					3.2		12.7				3.2	B	III	S	F	Base crack.
<b>AVERAGE</b>					<b>1.43</b>	<b>1.60</b>	<b>2.60</b>	<b>2.15</b>					<b>3.51</b>	<b>6.60</b>	<b>13.37</b>		<b>14.50</b>	<b>2.83</b>						
<b>MAX</b>					<b>2.20</b>	<b>1.60</b>	<b>2.60</b>	<b>3.70</b>					<b>5.80</b>	<b>6.60</b>	<b>24.10</b>		<b>19.00</b>	<b>4.20</b>						
<b>MIN</b>					<b>0.80</b>	<b>1.60</b>	<b>2.60</b>	<b>0.50</b>					<b>1.60</b>	<b>6.60</b>	<b>6.80</b>		<b>6.00</b>	<b>1.90</b>						
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>						<b>0.16</b>	<b>0.18</b>	<b>0.20</b>		<b>0.08</b>						