

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

Cored By: MADRID CPWG

Coring Completion Date: 1/31/2024, 6/13/2024

Typical Section: 1

W.P.I. No.:		Name:	SR 60				Lanes:	4 Lane Urban Principal Arterial Roadway						
Fin. Proj. ID:	451479-1		From:	W End of Bridge 160038				Shoulder Type and Condition:						
F.A. Project No.:		Roadway ID:	16130000		To:	W of Capps Rd			Inside:					
County:	Polk		SR No.:	60		Beg MP:	0.000	End MP:	2.914	Length:	2.914	Outside:		
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	Y	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
					FC12.5	FC9.5	FC3	SP12.5	SP9.5	S	S2	WC	BIND			LR	CONC				DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	0.180	ML	R1	Y	1.6			1.2					1.3		4.1	10.0					4.1	B	II	M	F	
2	0.153	ML	R2	Y	1.2			1.4					1.4		4.0	9.0				12.0	4.0	A	II	S	P	
3	2.494	ML	R2	Y			1.2			3.8					5.0	23.0					5.0	A	III	S	F	
4	1.000	ML	L1	Y			1.2			1.7			1.5		4.4	9.0					4.4	C	IB	S	F	
5	0.146	ML	L2	Y	1.5			1.0					1.5		4.0	9.0					4.0	B	II	S	P	
6	0.209	ML	R2	Y	1.5			1.5					1.7		4.7	10.0				11.5					F	Bottom up crack
7	0.361	ML	R1	N	1.5			1.4					1.4		4.3	9.0					2.5	A	II	M	P	Bottom up crack
8	0.541	ML	R2	Y	1.5			1.6					0.9		4.0	10.0					3.2	B	IB	M	F	
9	0.693	ML	R1	Y	1.8			1.3					1.4		4.5	9.5				12.0	3.1	B	II	M	P	
10	0.853	ML	R2	Y	1.4			1.9				0.6			3.9	10.0									F	
11	1.052	ML	R1	N			1.5			3.6	1.3		2.4		8.8	10.5									F	
12	1.190	ML	R2	Y			1.2			4.0					5.2	12.0					5.2	B	IB	M	F	
13	1.349	ML	R1	N			1.4			3.5	4.0				8.9	5.0					6.4	C	IB	M	F	
14	1.525	ML	R2	N			1.5			3.4					4.9	11.0				12.0					F	
15	1.695	ML	R1	Y			1.4			3.8					5.2	10.5					5.2	A	II	M	P	
16	1.877	ML	R2	Y			1.5			3.5					5.0	11.5					5.0	B	II	S	F	
17	2.035	ML	R1	Y			1.5			5.6					7.1	13.0					0.5	B	IB	L	P	
18	2.173	ML	R2	Y			1.5			3.5					5.0	14.0				11.0	5.0	B	II	S	F	
19	2.306	ML	R1	Y			1.5			3.7	2.1	0.6			7.9	9.0									P	Bottom up crack
20	2.446	ML	R2	Y			1.6			4.2					5.8	9.0					5.8	A	II	S	P	
21	2.602	ML	R1	Y			1.4			10.9					12.3	10.0				24.0					F	
22	2.763	ML	R2	Y			1.5			3.8					5.3	11.0					5.3	B	II	S	F	
23	2.846	ML	L1	N			1.5			4.8					6.3	5.0									F	
24	2.677	ML	L2	Y			1.5			4.3					5.8	12.0					5.8	B	II	S	F	
25	2.522	ML	L1	N			1.5			5.1					6.6	12.5									F	
26	2.373	ML	L2	Y			1.4			3.7					5.1	11.5					5.1	B	II	M	F	
27	2.235	ML	L1	Y			1.5			11.0					12.5	11.0				12.0					F	
28	2.105	ML	L2	N			1.5			4.5					6.0	12.0									F	
29	1.946	ML	L1	N			1.4			6.8					8.2	11.0					1.4				F	
30	1.777	ML	L2	Y			1.1			4.4					5.5	9.0					5.5	B	III	S	F	
31	1.611	ML	L1	N			1.4			5.5	2.8				9.7	4.0									F	
32	1.431	ML	L2	Y			1.6			3.9					5.5	9.0					5.5	B	II	M	F	
33	1.262	ML	L1	Y			1.4			4.0					5.4	10.5					5.4	A	II	M	P	
34	1.118	ML	L2	Y			1.3			3.7					5.0	12.0					5.0	B	II	M	F	
35	0.935	ML	L1	Y	1.6			1.3					1.4		4.3	11.0									F	
36	0.777	ML	L2	Y	1.4			2.0					1.0		4.4	8.5					3.0	B	II	M	F	
37	0.608	ML	L1	Y	1.5			1.3					1.2		4.0	9.5				11.0	2.8	B	IB	M	F	
38	0.447	ML	L2	Y	1.4			1.4					1.1		3.9	11.5					3.9	C	II	S	F	
39	0.303	ML	L1	Y	1.3			1.4					1.6		4.3	10.5					2.0				F	

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

Cored By: MADRID CPWG

Coring Completion Date: 1/31/2024, 6/13/2024

Typical Section: 1

W.P.I. No.:				Name:	SR 60				Lanes:	4 Lane Urban Principal Arterial Roadway				
Fin. Proj. ID:	451479-1			From:	W End of Bridge 160038				Shoulder Type and Condition:					
F.A. Project No.:			Roadway ID:	16130000		To: W of Capps Rd				Inside:				
County:	Polk		SR No.:	60		Beg MP:	0.000	End MP:	2.914	Length:	2.914	Outside:		
Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N): Y		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
					FC12.5	FC9.5	FC3	SP12.5	SP9.5	S	S2	WC	BIND			LR	CONC				DEPTH (IN.)	TYPE	CLASS	EXTENT		
40	0.115	ML	L2	Y	1.5			1.2					2.0		4.7	13.0					4.7	B	III	S	F	
66	0.033	ML	L1	Y	1.4				0.9			0.7			3.0		UNK				3.0	C	II	S	F	Bridge approach slab. Concrete base.
67	0.032	ML	R1	Y	1.6			2.1							3.7		UNK				2.3	C	IB	M	F	Bridge approach slab. Concrete base.
68	0.064	ML	R1	Y	1.1			0.9							2.0		UNK								F	Bridge approach slab. Concrete base.
69	0.123	ML	R2	Y	1.2			1.5				0.7			3.4		UNK								F	Bridge approach slab. Concrete base.
70	0.118	ML	L1	Y	1.7			1.4				0.8			3.9		UNK				2.0	C	IB	M	F	Bridge approach slab. Concrete base.
71	0.060	ML	L2	Y	1.3			1.3				0.4			3.0		UNK				2.0	C	IB	L	F	Bridge approach slab. Concrete base.
72	0.368	ML	R2	N	1.5			1.2					1.1		3.8	13.0					3.8	A	III	M	P	
73	0.627	ML	R2	Y	1.3			1.1					1.1		3.5	16.0					3.5	B	II	M	P	
74	1.426	ML	R2	N		1.5			1.3	2.2					5.0	16.0					5.0	B	II	S	P	Base Crack
75	2.382	ML	R2	N		1.5			1.3	2.2					5.0	12.0					5.0	B	II	S	P	Base Crack
76	0.559	ML	R1	N	1.6			1.0					1.2		3.8	15.0			12.0		2.7	B	IB	M	P	
77	1.130	ML	R1	N		1.2			1.8	2.1					5.1	11.0					5.1	B	II	S	P	Base Crack
78	1.609	ML	R1	N		1.3			3.0	2.4					6.7	12.0					6.7	B	II	S	P	
79	2.771	ML	R1	N		1.5			1.1	2.3					4.9	11.0			12.0		4.9	B	II	S	P	Base Crack
80	1.995	ML	L2	N		1.3			1.3	2.2					4.8	12.0					4.8	B	II	L	P	
81	1.855	ML	L2	Y		1.2			1.2	1.8					4.2	13.0					4.2	B	II	S	P	Base Crack
82	0.792	ML	L2	Y	1.2			1.6					0.7		3.5	13.0					3.5	B	II	M	P	
83	0.155	ML	L2	Y	1.4			1.0					1.9		4.3	11.0					3.8	B	II	M	P	
84	2.121	ML	L1	Y		1.2			2.1	2.4					5.7	12.0			12.0		5.7	B	II	S	P	Base Crack
85	1.802	ML	L1	Y		1.3			2.0	1.9					5.2	11.0					5.2	B	II	S	P	Base Crack
86	1.375	ML	L1	Y		1.2			2.2	1.8					5.2	14.0					5.2	B	II	S	P	Base Crack
87	0.586	ML	L1	Y	1.6			1.7					1.0		4.3	10.0					4.3	B	III	S	P	Base Crack
AVERAGE					1.45	1.32	1.42	1.39	1.65	3.94	2.55	0.63			5.25	11.08				12.86	4.20					
MAX					1.80	1.50	1.60	2.10	3.00	11.00	4.00	0.80			12.50	23.00				24.00	6.70					
MIN					1.10	1.20	1.10	0.90	0.90	1.70	1.30	0.40			2.00	4.00				11.00	0.50					
LAYER COEF.					0.25	0.25	0.17	0.25	0.25	0.25	0.25	UNKW				0.18	UNKW			0.08						

Notes:

- 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.
- 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.

Lane Designations - Decreasing MP	Lane Designations - Increasing MP	Lane Type		Crack Type	Crack Rating	Extent	Pavement Condition
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	S - Shoulder	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	SS - Side Street	B - Block	Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	M - Moderate	F - Fair
LL/LR - Left/Right Turn Lane	RL/RR - Left/Right Turn Lane	CO - Crossover	BR - Bridge Approach/Departure	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor

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Cored By: MADRID CPWG

Coring Completion Date: 1/31/2024, 6/13/2024

Typical Section: 1

W.P.I. No.:				Name:	SR 60				Lanes:	4 Lane Urban Principal Arterial Roadway							
Fin. Proj. ID:	451479-1			From:	W End of Bridge 160038				Shoulder Type and Condition:								
F.A. Project No.:			Roadway ID:	16130000		To: W of Capps Rd				Inside:							
County:	Polk		SR No.:	60		Beg MP:	0.000		End MP:	2.914		Length:	2.914		Outside:		
Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N): Y		Paved		Lawn		Other:		Curb & Gutter (Y/N): Y			

Turn Lane and Crossover Cores (TL/CO)																										
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
					FC12.5	FC9.5	FC3	SP12.5	SP9.5	S	S2	WC	BIND			LR	CONC				DEPTH (IN.)	TYPE	CLASS	EXTENT		
41	0.243	TL	RL	N	1.8			1.3					1.2		4.3	9.5				11.0					F	
42	0.265	CO	CO	N	1.9			2.1				0.5			4.5	8.5									P	
43	0.415	TL	LL	N	1.4			1.3					0.9		3.6	10.0									F	
44	0.509	TL	RL	N	1.8			1.6				0.6			4.0	9.0									F	
45	0.604	TL	LL	N	1.8			1.5					1.0		4.3	8.5				12.0					F	
46	0.770	TL	RL	Y	2.0			1.3				0.7			4.0	11.0				11.5					F	
47	0.792	CO	CO	N	1.8			1.2							3.0	11.0									F	
48	0.927	TL	LL	N	1.7			1.6					1.2		4.5	10.5									F	
49	1.079	TL	LL	Y	1.8				1.3	2.8	2.3	0.5			8.7	7.0					8.7	B	III	S	P	
50	1.153	TL	RL	N	1.8				1.2	3.0					6.0	9.0									F	
51	1.290	TL	RL	N	1.9				1.8	1.7					5.4	11.0									F	
52	1.440	CO	CO	N	2.0				1.5	4.6	1.7	0.5			10.3	6.0									F	
53	1.459	TL	LL	N	2.3				1.3	4.8	1.9		0.6		10.9	7.0									F	
54	1.548	TL	RR	N			1.5			3.1					4.6	17.0									P	
55	1.638	TL	RR	Y			1.5			4.8					6.3	16.0									F	
56	1.858	TL	LL	N			1.8			2.4	2.0	0.6			6.8	12.0									F	
57	2.053	TL	RL	N	1.4				2.3	2.2	1.7		1.0		8.6	7.0									P	
58	2.077	CO	CO	N	1.0				2.0	1.5					4.5	19.0									F	
59	2.132	TL	LL	N	2.0				1.1	2.4					5.5	14.0									F	
60	2.283	TL	RL	N	1.5			2.0							3.5	16.0									F	
61	2.358	TL	LL	N	1.4			1.6							3.0	17.5									F	
62	2.439	TL	RL	N	1.5				1.3	5.2	1.9	0.5			10.4	6.0									F	
63	2.582	CO	CO	N	1.9				1.7	5.1	1.4	0.6			10.7	6.0									F	
64	2.610	TL	LL	N	1.2				4.0	8.6	2.1	0.6			16.5	8.0				10.0	3.5	B	II	M	P	
65	2.805	TL	RL	N	2.0				1.4	3.2	1.9	0.5			9.0	7.0									F	
AVERAGE					1.72		1.60	1.55	1.74	3.69	1.88	0.56			6.52	10.54				11.13	6.10					
MAX					2.30		1.80	2.10	4.00	8.60	2.30	0.70			16.50	19.00				12.00	8.70					
MIN					1.00		1.50	1.20	1.10	1.50	1.40	0.50			3.00	6.00				10.00	3.50					
LAYER COEF.					0.25	0.25	0.17	0.25	0.25	0.25	0.25	UNKW				0.18	UNKW				0.08					

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Lane Designations - Decreasing MP OL/IL - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline	Lane Designations - Increasing MP OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline	Lane Type ML - Mainline TL - Turn Lane	Lane Type S - Shoulder SS - Side Street	Crack Type A - Alligator B - Block	Crack Rating Class IB - Hairline cracks that are ≤ 1/8 inch wide Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	Extent L - Light M - Moderate	Pavement Condition G - Good F - Fair
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Cored By: MADRID CPWG

Coring Completion Date: 1/31/2024, 6/13/2024

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County:	Polk		SR No.:	60		Beg MP:	0.000	End MP:	2.914	Length:	2.914	Outside:		
Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N):		Y	Paved	Lawn	Other:	Curb & Gutter (Y/N):		Y

Turn Lane and Crossover Cores (TL/CO)																										
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
					FC12.5	FC9.5	FC3	SP12.5	SP9.5	S	S2	WC	BIND			LR	CONC				DEPTH (IN.)	TYPE	CLASS	EXTENT		
LL/LR - Left/Right Turn Lane					RL/RR - Left/Right Turn Lane					CO - Crossover		BR - Bridge Approach/Departure				C - Combination		Class III - Cracks > 1/4 inch				S - Severe		P - Poor		