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					Inside:	
County:	Polk	SR No.:	35	Beg MP:	7.736	End MP:	8.471	Length:	0.735	Outside:	
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 [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	SP12.5	S	BIND							LR	ABC-2				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	Aligator 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

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					Inside:	
County:	Polk	SR No.:	35	Beg MP:	7.736	End MP:	8.471	Length:	0.735	Outside:	
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 [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	SP12.5	S	BIND							LR	ABC-2				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	
AVERAGE					***0.88***	***1.44***	***1.58***	***1.81***	***1.00***						***4.27***	***11.43***	***5.90***			***4.11***	***3.10***					
MAX					***1.50***	***1.70***	***4.70***	***8.00***	***1.50***						***10.40***	***28.00***	***6.30***			***18.00***	***3.90***					
MIN					***0.50***	***0.80***	***0.60***	***0.80***	***0.60***						***2.90***	***4.00***	***5.60***			***0.00***	***1.00***					
LAYER COEF.					***0.00***	***0.25***	***0.25***	***0.25***	***0.20***							***0.18***	***0.16***			***0.08***						

Notes:

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					Inside:	
County:	Polk	SR No.:	35	Beg MP:	7.736	End MP:	8.471	Length:	0.735	Outside:	
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 [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	SP12.5	S	BIND							LR	ABC-2				DEPTH (IN.)	TYPE	CLASS	EXTENT		

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.

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

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

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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:	N of Brooks St				Inside:	
County:	Polk	SR No.:	35	Beg MP:	7.736	End MP:	8.471	Length: 0.735	Outside:	
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 [2]	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.) FC5	FC12.5	SP12.5	S	BIND						TOTAL ASPHALT THICKNESS (IN.)	BASE LR	ABC-2			STABILIZED SUBGRADE [3]	CRACK DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
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	
AVERAGE					***0.92***		***1.62***	***2.45***	***1.40***						***4.89***	***11.60***	***6.00***			***4.50***	***3.30***					
MAX					***1.10***		***4.20***	***8.20***	***1.40***						***10.40***	***16.00***	***6.00***			***18.00***	***3.30***					
MIN					***0.50***		***1.20***	***1.40***	***1.40***						***3.30***	***4.00***	***6.00***			***0.00***	***3.30***					
LAYER COEF.					***0.00***	***0.25***	***0.25***	***0.25***	***0.20***							***0.18***	***0.16***			***0.08***						

Notes:
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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.

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: 9/14/2023 | Typical Section: 1

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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					Inside:	
County:	Polk	SR No.:	35	Beg MP:	7.736	End MP:	8.471	Length:	0.735	Outside:	
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 [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	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				18.0					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	
AVERAGE					***0.89***	***1.50***	***1.80***	***1.98***							***4.18***	***13.05***				***8.33***						
MAX					***1.20***	***1.50***	***4.30***	***5.70***							***7.80***	***27.50***				***18.00***						
MIN					***0.60***	***1.50***	***0.70***	***0.30***							***2.80***	***6.00***				***0.00***						
LAYER COEF.					***0.00***	***0.25***	***0.25***	***0.25***	***0.20***							***0.18***	***0.16***			***0.08***						

Notes:

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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