STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: MADRID CPWG | Coring Completion Date: 8/23/2023 | Typical Section: 1

W.P.I. No.:				Name:	SR 17			Lanes:	2 Lane Urban Major Collector
Fin. Proj. ID:	450883-1			From:	N of Old Scenic Hwy			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	16090000	To:	Lake Marion Rd / SR 544			Inside:	
County:	Polk	SR No.:	17	Beg MP:	28.034	End MP:	33.349	Length: 5.315	Outside:
Overall Pavement Condition (from DMO field review):	Fair			Median Curbed (Y/N):	N	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.) FC12.5	FC2	SP12.5	ARMI	S2	WC	T1	BIND			TOTAL ASPHALT THICKNESS (IN.)	BASE LR	ABC-2	RAP		STABILIZED SUBGRADE [3]	CRACK DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) [4]	COMMENTS
1	28.648	ML	R1	Y	1.5		2.4			0.6					4.5	9.0				0.0	4.5	A	II	M	P	0.2	0.1	3.40	
2	30.742	ML	R1	N		1.3	3.3	0.5	3.3	0.8					9.2	6.0				0.0	9.2	C	II	M	P	0.1	0.1	4.20	
4	31.022	ML	R1	Y		1.4	1.8	0.6	0.8	0.5					5.1	8.0				6.0	2.1	A	II	M	F	0.1	0.1	3.00	
6	31.831	ML	L1	N		1.3	2.7	0.6	0.5	0.7					5.8	7.0				0.0	2.0	B	II	M	F	0.0	0.2	2.30	
7	28.251	ML	R1	Y	1.1		2.1	0.4		0.6					4.2	9.0				0.0	3.0	C	II	M	F	0.1	0.1	4.10	
8	29.253	ML	R1	Y	1.8						2.3	0.9			5.0	8.0				0.0					F	0.0	0.0	6.00	
9	29.792	ML	R1	Y		1.5	2.7	0.5	1.1						5.8	8.0				0.0	5.8	A	II	M	F	0.2	0.2	2.70	
10	30.256	ML	R1	N		1.3	2.7	0.5	1.0	0.7					6.2	7.0				0.0	2.4	B	II	M	F	0.2	0.2	3.10	
11	30.495	ML	R1	Y		1.3	2.7	0.5	0.8	0.5					5.8	7.0				0.0	2.5	B	II	M	F	0.1	0.1	2.60	
12	31.277	ML	R1	Y		1.5	3.8	0.5	2.7	0.6					9.1	8.0				0.0					F	0.1	0.1	4.30	Bottom up crack
13	31.556	ML	R1	Y		1.4	2.5	0.5	1.0	0.7					6.1	8.0				0.0	0.4	A	IB	M	F	0.1	0.1	3.20	Slippage
14	32.030	ML	R1	Y		1.2	2.2	0.6	1.3	0.7					6.0	6.0				9.0	2.5	A	II	M	F	0.1	0.1	3.50	Bottom up crack
15	32.290	ML	R1	N		1.5	2.3	0.4	1.2	0.4					5.8	6.0				8.0					F	0.1	0.0	3.00	
16	32.575	ML	R1	N	1.5		3.7								5.2	22.0				0.0					F	0.0	0.0	1.10	
17	32.799	ML	R1	Y	1.4		3.5								4.9	15.0				0.0					F	0.0	0.0	4.00	
18	33.067	ML	R1	Y	1.5		2.4								3.9	8.0				0.0	3.9	C	II	M	F	0.1	0.0	4.80	Widening crack
19	33.321	ML	L1	Y	1.9		4.7		3.5						10.1	10.0				0.0					F	0.0	0.0	2.40	
20	32.941	ML	L1	N	1.3		2.2								3.5	8.0				0.0					F	0.0	0.0	5.60	
21	32.459	ML	L1	Y	1.5		4.4								5.9	14.0				0.0					F	0.0	0.1	1.90	
22	32.140	ML	L1	Y		1.5	2.6	0.5	1.2	0.7					6.5	7.0				0.0	0.7	A	IB	L	F	0.1	0.1	2.10	Possible slippage
23	31.685	ML	L1	N		1.5	2.3	0.5	0.9	0.7					5.9	8.0				0.0					F	0.0	0.1	3.70	
24	31.136	ML	L1	Y		1.4	3.0	0.6	1.2						6.2	8.0				0.0	6.2	A	III	S	F	0.1	0.1	1.80	
25	30.874	ML	L1	N		1.5	3.2	0.7	0.5	0.6					6.5	8.0				0.0					F	0.1	0.0	2.70	Bottom up crack
26	30.384	ML	L1	Y		1.5	2.2	0.5	1.6	0.5					6.3	8.0				0.0					F	0.1	0.2	1.50	Bottom up crack
27	30.031	ML	L1	N		1.6	4.4	0.5	0.4	0.6					7.5	8.0				0.0					F	0.0	0.0	1.70	
28	29.514	ML	L1	N		1.5	2.9	0.5		0.6					5.5	8.0				0.0					F	0.1	0.1	1.50	
29	28.967	ML	L1	Y	1.5						1.8	0.7			4.0	8.0				0.0					F	0.0	0.0	1.60	
30	28.436	ML	L1	N	1.9		1.2	0.6	1.2	0.6					5.5	8.0				0.0					F	0.1	0.2	2.00	
67	33.067	ML	R1	Y	1.5		4.5								6.0	8.0				0.0					P	0.1	0.0	4.80	RT of Core #18 (Widening)
68	33.067	ML	R1	Y	1.5		6.2	0.6		0.9					9.2	8.0				0.0					P	0.1	0.0	4.80	LT of Core #18 (Widening)
AVERAGE					***1.53***	***1.42***	***3.02***	***0.53***	***1.34***	***0.63***	***2.05***	***0.80***			***6.04***	***8.70***				***0.77***	***3.48***					***0.1***	***0.1***	***3.11***	
MAX					***1.90***	***1.60***	***6.20***	***0.70***	***3.50***	***0.90***	***2.30***	***0.90***			***10.10***	***22.00***				***9.00***	***9.20***					***0.2***	***0.2***	***6.00***	
MIN					***1.10***	***1.20***	***1.20***	***0.40***	***0.40***	***0.40***	***1.80***	***0.70***			***3.50***	***6.00***				***0.00***	***0.40***					***0.0***	***0.0***	***1.10***	
LAYER COEF.					***0.25***	***0.00***	***0.25***	***0.00***	***0.25***	***UNKW***	***0.23***	***0.20***				***0.18***	***0.16***	***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.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: MADRID CPWG | Coring Completion Date: 8/23/2023 | Typical Section: 1

W.P.I. No.:				Name:	SR 17					Lanes:	2 Lane Urban Major Collector		
Fin. Proj. ID:	450883-1			From:	N of Old Scenic Hwy					Shoulder Type and Condition:			
F.A. Project No.:		Roadway ID:	16090000	To:	Lake Marion Rd / SR 544					Inside:			
County:	Polk	SR No.:	17	Beg MP:	28.034	End MP:	33.349	Length:	5.315	Outside:			
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):	N	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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) [4]	COMMENTS
					FC12.5	FC2	SP12.5	ARMI	S2	WC	T1	BIND			LR	ABC-2	RAP			DEPTH (IN.)	TYPE	CLASS	EXTENT					

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

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: MADRID CPWG | Coring Completion Date: 8/23/2023 | Typical Section: 1

W.P.I. No.:		Name:	SR 17	Lanes:	2 Lane Urban Major Collector
Fin. Proj. ID:	450883-1	From:	N of Old Scenic Hwy	Shoulder Type and Condition:	
F.A. Project No.:	Roadway ID: 16090000	To:	Lake Marion Rd / SR 544	Inside:	
County: Polk	SR No.: 17	Beg MP:	28.034 End MP: 33.349 Length: 5.315	Outside:	
Overall Pavement Condition (from DMO field review):	Fair	Median Curbed (Y/N):	N Paved Lawn Other:	Curb & Gutter (Y/N):	Y

Shoulder Cores (S)

CORE NO.	MILE POST [2]	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.) FC12.5	FC2	SP12.5	ARMI	S2	WC	T1	BIND			TOTAL ASPHALT THICKNESS (IN.)	BASE LR	ABC-2	RAP		STABILIZED SUBGRADE [3]	CRACK DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) [4]	COMMENTS
3	30.743	S	OR	N			2.0								2.0		1.8			0.0					F			7.50	
31	28.099	S	OR	N	1.8		1.0								2.8			6.2		0.0					F			6.00	Measured in hole (Bottom fell apart)
32	28.568	S	OR	N	1.8		1.7								3.5			4.5		0.0					F			3.20	Measured in hole (Bottom fell apart)
33	29.142	S	OR	N	1.3						1.0	1.2			3.5	5.0				0.0	3.5	C	II	M	F			7.10	
34	29.631	S	OR	N		1.2	0.8								2.0	5.0				0.0	0.3	A	IB	L	F			7.50	
35	29.913	S	OR	N		1.2	0.8								2.0	6.0				0.0					F			7.20	
36	30.149	S	OR	N		1.6									1.6	6.0				0.0	0.3	B	IB	L	F			8.30	
37	30.611	S	OR	N		2.0									2.0	6.0				0.0					F			11.80	
38	31.220	S	OR	N		1.5	1.6								3.1		9.7			0.0					F			7.50	Core broke into 2 pieces
39	31.463	S	OR	N		1.6	0.6								2.2	3.5				6.0					F			8.50	
40	31.943	S	OR	N		1.5	1.6								3.1	5.0				6.0					F			7.30	
41	32.386	S	OR	N		1.7	1.2								2.9	6.0				0.0					F			6.90	
42	32.904	S	OR	N			3.0								3.0	6.0				0.0					F			8.10	
43	33.186	S	OL	N	1.1		2.2								3.3	6.0				0.0					F			10.20	
44	32.695	S	OL	N	1.6		3.8								5.4	7.0				0.0					F			6.50	
45	32.219	S	OL	N		1.5	0.7								2.2	4.0									F			4.90	
46	31.766	S	OL	N		1.9	0.6								2.5	4.0				0.0					F			6.10	
47	31.390	S	OL	N		1.2	4.8								6.0	8.0				0.0					F			2.80	
48	30.938	S	OL	N		1.4	1.0								2.4	6.0				0.0					F			5.50	
49	30.435	S	OL	N		2.0	0.9								2.9	6.0				0.0					F			4.00	
50	30.078	S	OL	N		1.7	1.2								2.9	6.0				0.0					F			3.40	
51	29.441	S	OL	N		1.6	0.8								2.4	5.0				0.0					F			3.80	
52	28.829	S	OL	N	1.5		0.7								2.2	6.0				0.0					F			3.50	
53	28.489	S	OL	N	1.4		0.9								2.3			6.2		0.0					F			2.30	Measured in hole (Core fell apart)
54	28.307	S	OL	N	1.3		0.7								2.0			6.0		0.0					F			3.70	Measured in hole (Core fell apart)
AVERAGE					***1.48***	***1.57***	***1.48***				***1.00***	***1.20***			***2.81***	***5.61***	***5.75***	***5.73***		***0.50***	***1.37***							***6.14***	
MAX					***1.80***	***2.00***	***4.80***				***1.00***	***1.20***			***6.00***	***8.00***	***9.70***	***6.20***		***6.00***	***3.50***							***11.80***	
MIN					***1.10***	***1.20***	***0.60***				***1.00***	***1.20***			***1.60***	***3.50***	***1.80***	***4.50***		***0.00***	***0.30***							***2.30***	
LAYER COEF.					***0.25***	***0.00***	***0.25***	***0.00***	***0.25***	***UNKW***	***0.23***	***0.20***				***0.18***	***0.16***	***UNKW***		***0.08***									

Notes:
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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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County: Polk	SR No.: 17	Beg MP:	28.034	End MP: 33.349	Length: 5.315	Outside:	
Overall Pavement Condition (from DMO field review):	Fair	Median Curbed (Y/N):	N	Paved	Lawn	Other:	Curb & Gutter (Y/N): Y

Turn Lane Cores (TL)

					PAVEMENT LAYER (IN.)											BASE					CRACK								
CORE NO.	MILE POST [2]	LANE TYPE	LANE	WP (Y/N)	FC12.5	FC2	SP12.5	ARMI	S2	WC	T1	BIND			TOTAL ASPHALT THICKNESS (IN.)	LR	ABC-2	RAP		STABILIZED SUBGRADE [3]	DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) [4]	COMMENTS
5	33.235	TL	LL	N	1.5		5.4	0.5	1.5	0.6					9.5	12.0				0.0	3.2	B	III	S	P	0.1	0.0	4.00	
55	28.094	TL	LR	Y	1.7		3.3								5.0	15.0				0.0					F	0.1	0.2	1.20	
56	28.151	TL	LR	Y	1.8		1.9								3.7	14.0				0.0					F	0.1	0.1	2.00	
57	28.675	TL	LL	N	1.8		1.8			0.5					4.1	10.0				0.0					F	0.0	0.0	2.50	
58	29.050	TL	LR	N	1.6						0.4	1.1			3.1	5.0				5.0					F	0.2	0.2	5.60	
59	30.264	TL	RR	N		1.4	4.4								5.8	7.0				0.0					P	0.2	0.2	7.30	
60	31.297	TL	RL	N		1.5	4.4	0.4	0.4	0.6					7.3	6.0				8.0					F	0.1	0.1	3.00	
61	31.339	TL	LR	Y		1.1	3.6								4.7		9.9			0.0					F	0.1	0.1	1.30	
62	31.368	TL	LL	N		1.2	4.2	0.5	0.8	0.6					7.3	8.0				0.0					F	0.0	0.1	0.90	
63	32.560	TL	LL	N	1.5		2.4	0.3	1.5	0.6					6.3	7.0				0.0					F	0.0	0.1	1.20	
64	33.093	TL	RR	N	1.4		4.6								6.0	28.0				0.0					F	0.1	0.1	3.80	
65	33.164	TL	LL	N	1.9		5.2	0.5	0.9	0.4					8.9	7.0				0.0					F	0.0	0.0	4.50	
66	33.290	TL	RL	N	1.3		5.4		1.6	0.6					8.9	8.0				0.0					F	0.0	0.0	3.00	
AVERAGE					***1.61***	***1.30***	***3.88***	***0.44***	***1.12***	***0.56***	***0.40***	***1.10***			***6.20***	***10.58***	***9.90***			***1.00***	***3.20***					***0.1***	***0.1***	***3.10***	
MAX					***1.90***	***1.50***	***5.40***	***0.50***	***1.60***	***0.60***	***0.40***	***1.10***			***9.50***	***28.00***	***9.90***			***8.00***	***3.20***					***0.2***	***0.2***	***7.30***	
MIN					***1.30***	***1.10***	***1.80***	***0.30***	***0.40***	***0.40***	***0.40***	***1.10***			***3.10***	***5.00***	***9.90***			***0.00***	***3.20***					***0.0***	***0.0***	***0.90***	
LAYER COEF.					***0.25***	***0.00***	***0.25***	***0.00***	***0.25***	***UNKW***	***0.23***	***0.20***				***0.18***	***0.16***	***UNKW***		***0.08***									

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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