





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

Cored By: Madrid Engineering Group

Coring Completion Date: 11/6/2023; 2/22/24

Typical Section: 1

W.P.I. No.:	Name: US 19 / SR 55	Lanes: 4
Fin. Proj. ID: 447928-1	From: N of NW 7th Avenue	Shoulder Type and Condition:
F.A. Project No.:	To: S of Withlacoochee River Bridge	Inside: N/A
County: Citrus	Beg MP: 15.570	End MP: 25.049
SR No.: 55	Length: 9.479	Other:
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N):	Paved
	Lawn X	Curb & Gutter (Y/N): Y

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>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC5	FC12.5	SP12.5	SP9.5	S	T1						SAHM	LR	ABC-2	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
11	19.304	TL	RR	Y	1.1		1.4		1.4						3.9		14.0			0.0					F	
16	20.716	TL	RR	N	0.7		0.9		1.4						3.0		12.0								F	
17	21.033	TL	RR	Y	1.0		1.5		1.0						3.5		10.0								F	
19	21.904	TL	RR	N	0.7		0.5		1.5						2.7		8.0								F	
26	24.683	TL	RR	N	0.9		3.4								4.3		14.0								F	
41	20.308	TL	LR	N	1.0		1.0		1.0						3.0		10.0								F	
53	15.643	TL	C	N		1.3			1.4						2.7		9.0								F	TWO WAY LEFT TURN LANE
56	16.445	TL	RL	N	0.8		1.1		1.6						3.5		11.0								F	
58	16.935	TL	RL	N	0.7		1.3		1.4						3.4		14.0								F	
67	19.922	TL	RL	N	0.6		0.8		1.7						3.1		9.0								F	
72	24.919	TL	RL	Y	1.2		1.3		1.2						3.7		9.0								F	
77	24.734	TL	LL	N	1.2		3.8								5.0		9.0								F	
78	23.710	TL	LL	N	1.9		3.3								5.2		10.0			3.6	B	II	L		F	
79	23.399	TL	LL	N	1.1		4.7								5.8		15.0		7.0						F	
82	20.771	TL	LL	N	0.9		1.1		1.0						3.0		10.0								F	
84	19.479	TL	LL	N	0.8		2.2								3.0			7.0							F	
85	19.333	TL	LL	N	0.7		0.8		1.3						2.8		11.5								F	
87	17.147	TL	LL	N	1.0		1.2		1.0						3.2		12.0								F	
89	16.038	TL	LL	N		1.4			2.4						3.8		11.5								F	
90	15.947	TL	LL	N		1.4			2.4						3.8		12.0								F	
<b>AVERAGE</b>					<b>0.96</b>	<b>1.37</b>	<b>1.78</b>		<b>1.45</b>					<b>3.62</b>		<b>11.11</b>	<b>7.00</b>		<b>3.50</b>	<b>3.60</b>						
<b>MAX</b>					<b>1.90</b>	<b>1.40</b>	<b>4.70</b>		<b>2.40</b>					<b>5.80</b>		<b>15.00</b>	<b>7.00</b>		<b>7.00</b>	<b>3.60</b>						
<b>MIN</b>					<b>0.60</b>	<b>1.30</b>	<b>0.50</b>		<b>1.00</b>					<b>2.70</b>		<b>8.00</b>	<b>7.00</b>		<b>0.00</b>	<b>3.60</b>						
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.23</b>					<b>0.11</b>	<b>0.18</b>	<b>0.16</b>	<b>UNKW</b>	<b>0.08</b>							

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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>	<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>
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	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	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	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				

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Fin. Proj. ID: 447928-1	From: N of NW 7th Avenue	Shoulder Type and Condition:
F.A. Project No.:	To: S of Withlacoochee River Bridge	Inside: N/A
County: Citrus	Beg MP: 15.570	End MP: 25.049
Roadway ID: 02030000	Length: 9.479	Outside: PVD, FAIR
SR No.: 55	Other:	Curb & Gutter (Y/N): Y
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N):	Paved
	Lawn X	

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	SP9.5	S	T1						SAHM	LR	ABC-2	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	15.716	S	OR	N			1.5		1.9					3.4		9.0									F	
5	16.551	S	OR	N	1.3		1.2							2.5		6.0									F	
6	17.033	S	OR	N	0.9		1.6							2.5		6.0									F	
7	17.423	S	OR	N	1.1		1.8							2.9		5.0									F	
9	18.363	S	OR	N	0.9		1.4							2.3		5.0									F	
10	19.216	S	OR	N	1.1		1.3							2.4		4.0			8.0						F	
13	20.087	S	OR	N	0.9		1.1							2.0		5.0									F	
15	20.458	S	OR	N	1.1		0.7		0.7					2.5		5.0			5.0						F	
18	21.433	S	OR	N	0.7		1.0		0.8					2.5		6.0									F	
21	22.361	S	OR	N	1.1		1.5							2.6		5.0			11.0						F	
25	24.484	S	OR	N	1.4		2.6							4.0		1.0	9.0								F	1 IN OF LIMEROCK B/W CORE AND ABC BASE
27	25.055	S	OR	N	1.0				2.3					3.3		9.0									F	
29	24.764	S	OL	N	1.3		1.8							3.1		11.0									F	
33	23.791	S	OL	N	1.8		1.9							3.7		6.0									F	
34	22.763	S	OL	N	1.3		2.1							3.4		6.5									F	
36	21.823	S	OL	N	1.2		1.7							2.9		5.0									F	
37	20.894	S	OL	N	0.9		1.4		0.7					3.0		5.0									F	
39	20.575	S	OL	N	0.8		1.9		1.3					4.0		5.0									F	
43	19.776	S	OL	N	0.9		1.6							2.5		8.0									F	
46	18.794	S	OL	N	1.0		2.5							3.5		6.0									F	
48	17.821	S	OL	N	0.7		2.0							2.7		6.0									F	
49	16.888	S	OL	N	1.1		1.9							3.0		10.0									F	
52	15.581	S	OL	N		1.5			1.9					3.4		11.0									F	PATCH
<b>AVERAGE</b>					<b>1.07</b>	<b>1.50</b>	<b>1.64</b>		<b>1.37</b>					<b>2.96</b>		<b>6.33</b>	<b>9.00</b>		<b>8.00</b>							
<b>MAX</b>					<b>1.80</b>	<b>1.50</b>	<b>2.60</b>		<b>2.30</b>					<b>4.00</b>		<b>11.00</b>	<b>9.00</b>		<b>11.00</b>							
<b>MIN</b>					<b>0.70</b>	<b>1.50</b>	<b>0.70</b>		<b>0.70</b>					<b>2.00</b>		<b>1.00</b>	<b>9.00</b>		<b>5.00</b>							
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.23</b>					<b>0.11</b>	<b>0.18</b>	<b>0.16</b>	<b>UNKW</b>	<b>0.08</b>							

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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 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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County: Citrus	Beg MP: 15.570	End MP: 25.049
Roadway ID: 02030000	Length: 9.479	Outside: PVD, FAIR
SR No.: 55	Median Curbed (Y/N):	Paved
Overall Pavement Condition (from DMO field review): Fair	Lawn X	Other:
		Curb & Gutter (Y/N): Y

<b>Crossover Cores (CO)</b>																										
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	SP9.5	S	T1						SAHM	LR	ABC-2	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
55	16.323	CO	CO	N	0.8		1.7		4.5						7.0		14.0								F	
57	16.743	CO	CO	N	1.0		1.1		1.6						3.7		7.0								F	
61	17.592	CO	CO	N	1.1		1.0		2.9						5.0		7.0								F	
62	17.911	CO	CO	N	0.8		0.8		1.6						3.2		7.0								F	
63	18.230	CO	CO	N	1.0		0.6		2.4						4.0		7.5								F	
64	18.550	CO	CO	N	0.7		1.5		1.8						4.0		6.5								F	
65	19.115	CO	CO	N	0.9		0.7		3.4						5.0		7.0		11.0						F	
68	21.046	CO	CO	N	1.0		1.0		2.5						4.5		10.0								F	
70	22.855	CO	CO	N	1.3		0.6		1.6						3.5		9.0								F	
73	25.022	CO	CO	N				1.5	2.7						4.2		8.0								F	
<b>AVERAGE</b>					<b>0.96</b>		<b>1.00</b>	<b>1.50</b>	<b>2.50</b>					<b>4.41</b>		<b>8.30</b>		<b>11.00</b>								
<b>MAX</b>					<b>1.30</b>		<b>1.70</b>	<b>1.50</b>	<b>4.50</b>					<b>7.00</b>		<b>14.00</b>		<b>11.00</b>								
<b>MIN</b>					<b>0.70</b>		<b>0.60</b>	<b>1.50</b>	<b>1.60</b>					<b>3.20</b>		<b>6.50</b>		<b>11.00</b>								
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.23</b>					<b>0.11</b>	<b>0.18</b>	<b>0.16</b>	<b>UNKW</b>	<b>0.08</b>							

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County: Citrus	Beg MP: 15.570	End MP: 25.049
Roadway ID: 02030000	Length: 9.479	Other:
SR No.: 55	Median Curbed (Y/N):	Paved
Overall Pavement Condition (from DMO field review): Fair	Lawn X	Outside: PVD, FAIR
		Curb & Gutter (Y/N): Y

Side Street Cores (SS)																										
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	SP9.5	S	T1						SAHM	LR	ABC-2	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
44	19.296	SS	R2	Y				0.9							0.9		10.0					F	SHELL STATION ENTRANCE			
45	19.303	SS	R2	Y	1.9		1.1								3.0		9.0					F	SHELL STATION ENTRANCE			
<b>AVERAGE</b>					<b>1.90</b>		<b>1.10</b>	<b>0.90</b>							<b>1.95</b>		<b>9.50</b>									
<b>MAX</b>					<b>1.90</b>		<b>1.10</b>	<b>0.90</b>							<b>3.00</b>		<b>10.00</b>									
<b>MIN</b>					<b>1.90</b>		<b>1.10</b>	<b>0.90</b>							<b>0.90</b>		<b>9.00</b>									
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.23</b>				<b>0.11</b>	<b>0.18</b>	<b>0.16</b>	<b>UNKW</b>	<b>0.08</b>							

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