

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

Cored By: MADRID ENGINEERING GROUP

Coring Completion Date: 11/8/2023

Typical Section: 1

W.P.I. No.:	Name: SR 54	Lanes: 6
Fin. Proj. ID: 449400-1	From: SR 581 / BRUCE B DOWNS	Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 14090000	To: E OF CURLEY RD
County: Pasco	SR No.: 54	Beg MP: 9.312
Overall Pavement Condition (from DMO field review): Fair	End MP: 11.879	Length: 2.567
	Median Curbed (Y/N): Y	Paved
	Lawn X	Other:
		Inside: Fair
		Outside: Fair
		Curb & Gutter (Y/N): Y

**Mainline Cores (ML)**

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										LR					DEPTH (IN.)	TYPE		
1	9.336	ML	R3	Y	1.7	3.0							4.7	13.0			15.0					F		
4	10.178	ML	R3	N	1.9	3.2							5.1	12.0			12.0					F		
6	11.025	ML	R3	Y	1.8	3.3							5.1	13.0				2.8	B	I	M	F		
8	11.805	ML	R2	Y		4.7							4.7	13.0								G		
9	11.517	ML	L3	Y	1.7	3.3							5.0	13.0				2.5	B	I	M	F		
12	10.689	ML	L3	Y	1.5	3.3							4.8	13.0				1.7	A	I	M	F		
13	10.534	ML	L3	Y	1.3	3.1							4.4	12.0				3.0	B	I	M	F		
15	9.846	ML	L3	N	1.6	2.9							4.5	14.0								F		
18	9.546	ML	R2	Y	1.5	3.0							4.5	12.5				2.9	A	II	S	F		
19	10.467	ML	R2	N	1.8	2.7							4.5	13.5								F		
20	11.306	ML	R2	N	1.5	2.9							4.4	14.0								F		
21	11.866	ML	L2	Y	1.6	3.1							4.7	13.0								F		
22	11.227	ML	L2	N	1.4	3.0							4.4	13.0								F		
23	10.446	ML	L2	Y	1.3	2.7							4.0	14.0				4.0	B	II	S	F		
24	9.595	ML	L2	N	1.2	2.9							4.1	13.5								F		
25	9.438	ML	L2	N	1.6	2.9							4.5	12.0								F		
27	9.909	ML	R1	Y	1.6	3.0							4.6	13.0								F		
30	10.741	ML	R1	N	1.7	2.9							4.6	12.0								F		
31	10.857	ML	R1	N	1.6	2.8							4.4	12.0				4.4	B	I	M	F		
34	11.591	ML	R1	N	2.0	2.9							4.9	11.5								F		
35	11.697	ML	R1	N		4.0							4.0	12.0								G		
36	11.754	ML	L1	Y	1.6	2.5							4.1	12.5								F		
39	10.925	ML	L1	N	1.5	3.2							4.7	13.0								F		
42	10.135	ML	L1	N	1.5	2.8							4.3	13.5								F		
46	9.377	ML	L1	N	1.5	3.5							5.0	13.0								F		
<b>AVERAGE</b>					<b>1.58</b>	<b>3.10</b>							<b>4.56</b>	<b>12.84</b>			<b>13.50</b>	<b>3.04</b>						
<b>MAX</b>					<b>2.00</b>	<b>4.70</b>							<b>5.10</b>	<b>14.00</b>			<b>15.00</b>	<b>4.40</b>						
<b>MIN</b>					<b>1.20</b>	<b>2.50</b>							<b>4.00</b>	<b>11.50</b>			<b>12.00</b>	<b>1.70</b>						
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>								<b>0.18</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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F.A. Project No.:	Roadway ID: 14090000	To: E OF CURLEY RD
County: Pasco	SR No.: 54	Beg MP: 9.312
Overall Pavement Condition (from DMO field review): Fair	End MP: 11.879	Length: 2.567
	Median Curbed (Y/N): Y	Paved
		Lawn X
		Other:
		Inside: Fair
		Outside: Fair
		Curb & Gutter (Y/N): Y

**Mainline Cores (ML)**

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										LR					DEPTH (IN.)	TYPE			CLASS	EXTENT					
OL/IL - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline LL/LR - Left/Right Turn Lane				OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane				ML - Mainline TL - Turn Lane CO - Crossover				S - Shoulder SS - Side Street BR - Bridge Approach/Departure				A - Alligator B - Block C - Combination				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				L - Light M - Moderate S - Severe				G - Good F - Fair P - Poor			

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Typical Section: 1

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Fin. Proj. ID: 449400-1	From: SR 581 / BRUCE B DOWNS	Shoulder Type and Condition:
F.A. Project No.:	To: E OF CURLEY RD	Inside: Fair
County: Pasco	Beg MP: 9.312	End MP: 11.879
Roadway ID: 14090000	Length: 2.567	Outside: Fair
SR No.: 54	Other:	Curb & Gutter (Y/N): Y
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): Y	Paved
	Lawn X	

**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
					FC12.5	SP12.5										LR					DEPTH (IN.)	TYPE		
3	9.638	TL	RR	N	1.8	4.1							5.9	12.5					2.9	B	I	M	F	
11	11.081	TL	LR	Y	1.7	3.4							5.1	12.0									F	
17	9.400	TL	LR	N	1.8	3.2							5.0	13.0									F	
26	9.903	TL	RL	N	1.5	2.2							3.7	13.0									F	
28	10.314	TL	RL	N	1.5	3.0							4.5	13.0									F	
29	10.547	TL	RL	N	2.1	3.3							5.4	13.5									F	
32	11.357	TL	RL	Y	1.3	2.6							3.9	13.0									F	
33	11.536	TL	RL	Y	1.7	2.8							4.5	12.0			19.0						F	
37	11.403	TL	LL	N	1.9	1.9							3.8	13.0									F	
38	11.159	TL	LL	N	1.9	3.6							5.5	13.5									F	
40	10.754	TL	LL	Y	1.5	2.9							4.4	13.5									F	
41	10.404	TL	LL	Y	1.8	2.9							4.7	12.0									F	
43	10.069	TL	LL	N	1.9	3.6							5.5	13.0			12.0						F	
44	9.748	TL	LL	N	1.3	3.0							4.3	13.0									F	LLTL(2) ONTO WIREGRASS RANCH
45	9.537	TL	LL	Y	1.7	3.2							4.9	12.0									F	
47	9.354	TL	LL	Y	1.4	2.9							4.3	13.5									F	LLTL(1) ONTO BRUCE B DOWNS
<b>AVERAGE</b>					<b>1.68</b>	<b>3.04</b>							<b>4.71</b>	<b>12.84</b>			<b>15.50</b>	<b>2.90</b>						
<b>MAX</b>					<b>2.10</b>	<b>4.10</b>							<b>5.90</b>	<b>13.50</b>			<b>19.00</b>	<b>2.90</b>						
<b>MIN</b>					<b>1.30</b>	<b>1.90</b>							<b>3.70</b>	<b>12.00</b>			<b>12.00</b>	<b>2.90</b>						
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>								<b>0.18</b>			<b>0.08</b>							

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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	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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		Lawn X
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**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		
					FC12.5	SP12.5												LR					DEPTH (IN.)	TYPE			CLASS	EXTENT
2	9.340	S	OR	N	1.8	3.2									5.0	13.5					12.0					F		
5	10.182	S	OR	N	2.1	3.1									5.2	13.0										F		
7	11.027	S	OR	N	1.9	3.1									5.0	14.0										F		
10	11.514	S	OL	N	2.3	2.8									5.1	14.0										F		
14	10.525	S	OL	N	1.6	2.8									4.4	12.0										F		
16	9.841	S	OL	N	1.8	3.0									4.8	13.0										F		
<b>AVERAGE</b>					<b>1.92</b>	<b>3.00</b>									<b>4.92</b>	<b>13.25</b>					<b>12.00</b>							
<b>MAX</b>					<b>2.30</b>	<b>3.20</b>									<b>5.20</b>	<b>14.00</b>					<b>12.00</b>							
<b>MIN</b>					<b>1.60</b>	<b>2.80</b>									<b>4.40</b>	<b>12.00</b>					<b>12.00</b>							
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>										<b>0.18</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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