

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

Cored By: Brent Grubbs

Coring Completion Date: 1/23/2020

Typical Section: 1

W.P.I. No.:		Name:	State Road 45			Lanes:	4			
Fin. Proj. ID:	444440-1	From:	17th Street			Shoulder Type and Condition:				
F.A. Project No.:		Roadway ID:	13030000			To: Bayshore Road				
County:	Manatee	SR No.:	45			Inside:	-			
Overall Pavement Condition (from DMO field review):		Fair	Beg MP:	0.559	End MP:	1.305	Length:	0.746	Outside:	F
			Median Curbed (Y/N):	Y	Paved	Lawn	Other:		Curb & Gutter (Y/N):	Y

**All Cores**

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	RUT DEPTH (IN.)	CROSS SLOPE (%) <sup>4</sup>	COMMENTS			
					FC5	SP2F	S2	BIND	S								ABC-2	LR				DEPTH (IN.)	TYPE	CLASS					EXTENT		
1	0.651	ML	R1	Y	0.9	1.8		1.4						4.1		10.5			12.0	0.6											
2	1.245	ML	R1	Y	0.8	2.0	1.0							3.8		10.0			2.0	2.9											
3	1.052	ML	L1	Y	1.0	1.6	1.0							3.6		11.5			12.0	1.4									WIDENING CRACK		
4	0.875	ML	L1	Y	0.7	1.8	1.0							3.5		11.0			12.0	3.5											
5	0.673	ML	R2	Y	0.8	1.9	0.6							3.3		11.0			12.0	3.3									BASE CRACK		
6	1.077	ML	R2	N	0.8	1.6	1.0							3.4		10.5			12.0	3.4									BASE CRACK		
7	1.077	S	OR	N	0.8	1.8								2.6		4.5			12.0										LR UNDER RAP - RAP FELL APART		
8	1.155	ML	L2	Y	0.7	2.0	0.7							3.4		3.4			12.0	3.4									WIDENING CRACK - BASE CRACKED		
9	1.155	S	OL	N	0.8	2.3								3.1		4.5			12.0										LR UNDER RAP - RAP FELL APART		
10	0.649	ML	L2	Y	0.6	1.6	0.5							2.7		11.5			12.0	2.7									WIDENING CRACK - BASE CRACKED		
11	0.924	TL	LR2	Y	1.0	1.8			5.0					7.8	6.2				12.0	1.0									RIGHT TURN LANE - WIDENING CRACK		
12	1.234	TL	RR2	N	0.7	1.9	0.4							3.0		11.5			12.0	3.0									RIGHT TURN LANE - WIDENING CRACK		
13	1.234	S	OR	N	1.3	1.9								3.2		4.0			12.0												
14	1.138	TL	RL1	N	1.0	2.0	0.8	1.0						4.8		12.0			12.0											CROSSOVER - RAVELING	
15	1.026	TL	RL1	N	1.3	2.4		1.8						5.5		10.0			12.0											CROSSOVER - RAVELING	
16	0.689	TL	RL1	N	0.5	1.8	1.3							3.6		10.5			12.0											CROSSOVER - RAVELING	
17	0.695	TL	RL1	N	0.9	2.0			3.8					6.7	7.1				12.0	4.0										LEFT TURN LANE	
18	1.232	TL	RL1	N	1.2	1.3			0.9					3.4		10.5			12.0											LEFT TURN LANE	
19	0.854	TL	RL1	N	0.8	1.8			2.9					5.5	5.1				12.0											CROSSOVER - RAVELING	
<b>AVERAGE</b>					<b>0.87</b>	<b>1.86</b>	<b>0.83</b>	<b>1.40</b>	<b>3.15</b>					<b>4.05</b>	<b>6.13</b>	<b>9.18</b>			<b>11.47</b>	<b>2.65</b>											
<b>MAX</b>					<b>1.30</b>	<b>2.40</b>	<b>1.30</b>	<b>1.80</b>	<b>5.00</b>					<b>7.80</b>	<b>7.10</b>	<b>12.00</b>			<b>12.00</b>	<b>4.00</b>											
<b>MIN</b>					<b>0.50</b>	<b>1.30</b>	<b>0.40</b>	<b>1.00</b>	<b>0.90</b>					<b>2.60</b>	<b>5.10</b>	<b>3.40</b>			<b>2.00</b>	<b>0.60</b>											
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.20</b>	<b>0.25</b>						<b>0.16</b>	<b>0.18</b>			<b>0.08</b>												

- 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.

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Cored By: Brent Grubbs

Coring Completion Date: 1/23/2020

Typical Section: 1

W.P.I. No.:		Name: State Road 45		Lanes: 4	
Fin. Proj. ID: 444440-1		From: 17th Street		Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 13030000	To: Bayshore Road		Inside: -
County: Manatee	SR No.: 45	Beg MP: 0.559	End MP: 1.305	Length: 0.746	Outside: F
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y	Paved	Lawn	Other:
				Curb & Gutter (Y/N): Y	

**All Cores**

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	RUT DEPTH (IN.)	CROSS SLOPE (%) <sup>4</sup>	COMMENTS
					FC5	SP2F	S2	BIND	S							ABC-2		LR		DEPTH (IN.)	TYPE				

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>
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