

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

Cored By: Ardaman & Associates, Inc.

Coring Completion Date: 12/20/2021

Typical Section: _____

W.P.I. No.:		Name: SR 78		Lanes:	
Fin. Proj. ID: 446291-1		From: Chiquita Blvd.		Shoulder Type and Condition:	
F.A. Project No.:		To: Santa Barbara Blvd.		Inside:	
County: Lee		SR No.: 78		Beg MP: 7.410 End MP: 9.618 Length: 2.208	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N):		Curb & Gutter (Y/N):	
		Paved		Lawn	
		Other:			

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	FC9.5	SP9.5	SP12.5	S							LR	SHEL		ABC-2	RAP	DEPTH (IN.)	TYPE			CLASS	EXTENT
3	7.601	ML	R2	N	0.5		2.5						3.0	9.8						3.0	C	III	S	P	Full-Depth Cracking. Go-Pro Review Core	
6	7.846	ML	R1	Y	0.4		3.7						4.1	12.0										F		
8	8.082	ML	R2	Y	0.8		3.7						4.5	10.5										F		
12	8.407	ML	R1	N	1.3		3.7						5.0	11.1					12.7					F		
15	8.674	ML	R2	N	1.0		3.7						4.7	13.3										F		
19	9.177	ML	R1	Y	1.2		3.6						4.8	12.3					11.8					F		
25	9.540	ML	R2	Y		1.9			3.4				5.3	10.9										F		
27	9.757	ML	L2	N	0.9		1.9		1.7				4.5	11.1					12.2					F		
28	9.637	ML	L1	N		1.7			3.0				4.7	11.9										F		
31	9.395	ML	L1	Y	0.5		4.0						4.5	11.6										F		
37	8.788	ML	L2	Y	0.8		3.1						3.9	11.7					11.6					F		
39	8.529	ML	L1	N	1.0		3.5						4.5	11.7										F		
42	8.326	ML	L2	Y	0.5		4.4						4.9	11.1					2.8	C	III	S	P	Go-Pro Review Core		
44	8.188	ML	L2	N	1.0		3.8						4.8	9.3										F		
47	7.967	ML	L1	Y	0.5		4.1						4.6	13.4					11.9					F		
49	7.737	ML	L2	Y	0.8		3.4						4.2	12.8										F		
AVERAGE					0.80	1.80	3.51		2.70				4.50	11.53					12.04	2.90						
MAX					1.30	1.90	4.40		3.40				5.30	13.40					12.70	3.00						
MIN					0.40	1.70	1.90		1.70				3.00	9.30					11.60	2.80						
LAYER COEF.					0.00	0.25	0.25	0.25	0.25					0.18	0.18	0.16	UNKW	0.08								

- Notes:
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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.
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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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Coring Completion Date: 12/20/2021

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Fin. Proj. ID: 446291-1	From: Chiquita Blvd.	Shoulder Type and Condition:	
F.A. Project No.:	To: Santa Barbara Blvd.	Inside:	
County: Lee	Beg MP: 7.410	End MP: 9.618	Length: 2.208
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N):	Paved	Lawn
Roadway ID: 12060000	SR No.: 78	Other:	Curb & Gutter (Y/N):

Turn Lane Cores (TL)

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	FC9.5	SP9.5	SP12.5	S								LR	SHEL	ABC-2		RAP	DEPTH (IN.)	TYPE	CLASS			EXTENT
1	7.423	TL	RR	Y	0.7			2.8							3.5	6.6					9.8					F	
2	7.439	TL	RL	Y	0.5			3.1	2.9						6.5	9.9										F	
7	7.995	TL	RL	N	1.0		4.4								5.4	12.0										F	
10	8.224	TL	RR	Y	0.6		3.9								4.5	12.2										F	
13	8.509	TL	RR	Y	1.3		5.0								6.3	3.9										F	
16	8.814	TL	RL	N	0.9		3.9								4.8	12.5										F	
17	8.828	TL	RR	Y	1.1				3.7						4.8		11.3									F	
18	9.047	TL	RL	Y	0.9				4.6						5.5			7.4								F	
22	9.385	TL	RR	N	0.8		4.0								4.8	13.3										F	
23	9.394	TL	RL	Y	0.6		3.6								4.2	8.9										F	
26	9.642	TL	RL	Y	0.8		1.5		2.2						4.5	10.1										F	
30	9.468	TL	LR	Y	0.5		3.2								3.7	11.3										F	
32	9.339	TL	LL	N	1.5		4.0								5.5	14.0										F	
35	9.066	TL	LR	N	1.2		2.5								3.7	11.6										F	
40	8.437	TL	LL	Y		1.4	2.5								3.9	15.7										F	
45	8.137	TL	LL	Y	1.2		3.7								4.9	13.6										F	
48	7.870	TL	LL	N	1.0		3.5								4.5	12.7										F	
51	7.598	TL	LR	Y	0.9				2.1						3.0	8.6										F	
AVERAGE					0.91	1.40	3.52	2.95	3.10					4.67	11.06	11.30	7.40				9.80						
MAX					1.50	1.40	5.00	3.10	4.60					6.50	15.70	11.30	7.40				9.80						
MIN					0.50	1.40	1.50	2.80	2.10					3.00	3.90	11.30	7.40				9.80						
LAYER COEF.					0.00	0.25	0.25	0.25	0.25						0.18	0.18	0.16	UNKW			0.08						

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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	<u>Lane Type</u> 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: Lee				SR No.: 78				Beg MP: 7.410				End MP: 9.618				Length: 2.208				Outside:							
Overall Pavement Condition (from DMO field review): Fair								Median Curbed (Y/N):				Paved				Lawn				Other:				Curb & Gutter (Y/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	FC9.5	SP9.5	SP12.5	S								LR	SHEL	ABC-2		RAP	DEPTH (IN.)	TYPE	CLASS			EXTENT
4	7.678	S	OR	N	1.6		1.7								3.3	6.7										F	
9	8.103	S	OR	N	1.0										1.0	8.2			1.9							F	
14	8.592	S	OR	N	1.0		2.5								3.5		8.2									F	
21	9.286	S	OR	N	1.0		1.9								2.9	5.3										F	
29	9.600	S	OL	N	0.4		2.1								2.5	10.5										F	
38	8.642	S	OL	N	0.9		1.6								2.5	16.5										F	
50	7.663	S	OL	N	0.6		2.3								2.9	7.3										F	
AVERAGE					0.93		2.02								2.66	9.08	8.20		1.90								
MAX					1.60		2.50								3.50	16.50	8.20		1.90								
MIN					0.40		1.60								1.00	5.30	8.20		1.90								
LAYER COEF.					0.00	0.25	0.25	0.25	0.25	0.25						0.18	0.18	0.16	UNKW	0.08							

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Overall Pavement Condition (from DMO field review): Fair	SR No.: 78	Other:	Curb & Gutter (Y/N):
	Median Curbed (Y/N):	Paved	Lawn

Side Street Cores (SS)

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	FC9.5	SP9.5	SP12.5	S								LR	SHEL	ABC-2		RAP	DEPTH (IN.)	TYPE	CLASS		
5	7.785	SS	R2	Y		1.5	2.7							4.2	12.5								F	Side Street - SW 14th Ave.		
11	8.318	SS	R2	N		0.9	3.0							3.9	11.5								F	Side Street - Skyline Blvd.		
20	9.249	SS	R2	N		1.4	4.5							5.9	9.2								F	Side Street - SW 3rd Pl.		
24	9.479	SS	R2	N	1.7				4.1					5.8	13.7								F	Side Street - Hancock Bridge Pkwy.		
33	9.190	SS	L2	N		1.0								1.0		7.9							F	Side Street - Coralwood MHP/419 SW		
34	9.124	SS	L2	N	0.8		4.9							5.7	12.4								F	Side Street - Walmart Entrance		
36	8.905	SS	L2	N		1.7	3.7		2.1					7.5	9.3								F	Side Street - Nicholas Pkwy.		
41	8.334	SS	L2	N		1.7	2.8							4.5	11.5								F	Side Street - SW 10th Pl.		
43	8.226	SS	L2	N		1.4	1.8							3.2	13.7								F	Side Street - Shops at Cape Crossing		
46	8.071	SS	L2	Y	1.1		1.5							2.6	15.1								F	Side Street - SW 12th Ave.		
52	7.517	SS	L2	N		1.2	2.0		1.2					4.4	9.6						1.9	C	II	M	P	Side Street - Chiquita Blvd. S.
AVERAGE					1.20	1.35	2.99		2.47					4.43	11.85	7.90					1.90					
MAX					1.70	1.70	4.90		4.10					7.50	15.10	7.90					1.90					
MIN					0.80	0.90	1.50		1.20					1.00	9.20	7.90					1.90					
LAYER COEF.					0.00	0.25	0.25	0.25	0.25						0.18	0.18	0.16	UNKW	0.08							

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