

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

Cored By: Ardaman & Associates, Inc.

Coring Completion Date: 10/11/20 - 10/16/20

Typical Section: 1

W.P.I. No.:		Name: I-75 (SR 93)				Lanes:	
Fin. Proj. ID: 446344-1-31-01		From: South of Bonita Beach Road				Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:		To: North of Alico Road		Inside:	
County:		SR No.: 93		Beg MP: 0.000		End MP: 13.598	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N):		Paved		Lawn	
				Length: 13.598		Other:	
						Curb & Gutter (Y/N):	

**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	
					FC5	FC9.5	SP1C	S	CONC									LR		ABC-2		DEPTH (IN.)	TYPE			CLASS
1	0.075	ML	R2	Y	0.8		1.8	4.0							6.6	10.5									F	Raveling.
3	0.211	ML	R1	Y	1.0		2.0	2.4							5.4	11.4									F	Raveling.
4	0.273	ML	R3	Y	0.6		1.4	5.2							7.2	10.3									P	Raveling and drag marks.
6	0.668	ML	R1	Y	1.0		1.9	3.4							6.3	10.9				1.8		III	S	P	001 NB OFF BONITA BEACH - Cracking, raveling and drag marks.	
7	0.829	ML	R1	Y	0.8		1.8	2.9							5.5	11.3									F	Drag marks.
8	1.013	ML	R1	Y	0.6		3.2	4.5							8.3	10.7									F	Approach - Severe raveling.
9	1.056	ML	R3	Y	0.9		1.3	3.8							6.0	8.3									F	Departure - Raveling, rutting and severe delamination.
10	1.063	ML	R1	Y	0.4		1.9	2.8							5.1	12.0			15.3						P	Severe raveling and delamination.
11	1.233	ML	R1	Y	0.8		2.0	2.5							5.3	10.2									F	
12	1.297	ML	R1	N	0.9			1.0							1.9					1.9		III	S	F	Approach - Full-depth cracking. Asphalt patch. Half core missing.	
13	1.367	ML	R3	Y	0.8		2.5	3.6							6.9	11.8									F	Departure - Rutting and severe raveling. Debonding
14	1.479	ML	R3	Y	0.9		2.1	3.9							6.9	11.7									F	Raveling.
17	1.690	ML	R2	Y	1.2		2.0	5.1							8.3	7.8									F	Raveling.
18	1.748	ML	R1	Y	0.9		2.0	2.7							5.6	12.0									F	Raveling.
19	1.863	ML	R2	N	0.8		2.5	2.4							5.7	7.6				5.7		III	S	F	Full-depth cracking, raveling. Core breaking apart	
20	2.039	ML	R1	N	1.3		1.8	2.7							5.8	13.0			26.0						F	
21	2.066	ML	R1	Y	1.0		2.0	2.7							5.7	11.0									F	Raveling.
22	2.116	ML	R2	Y	1.2		2.5	4.3							8.0	7.6									P	Drag marks and raveling.
25	2.349	ML	R1	N	1.0		1.8	2.6							5.4	13.5				5.4		III	S	P	Full-depth cracking at joint. Drag marks. Core breaking apart. Core thickness was not uniform.	
26	2.350	ML	R1	N	0.7		1.8	2.8							5.3	13.0				5.3		III	S	P	Full-depth cracking at joint. Drag marks. Core breaking apart. Core thickness was not uniform.	
27	2.352	ML	R1	N	0.7		1.9	2.6							5.2	12.8				5.2		III	S	P	Full-depth cracking at joint. Drag marks. Core breaking apart. Core thickness was not uniform.	
28	2.626	ML	R3	Y	0.9		1.9	4.3							7.1	10.8									P	Severe raveling.
29	2.735	ML	R3	Y	0.8		2.6	4.1							7.5	10.1									P	Severe raveling.
30	2.819	ML	R2	Y	0.6		2.8	4.7							8.1	9.0			14.0						F	Raveling.
31	2.891	ML	R1	Y	0.8		1.9	2.8							5.5	12.0									F	Raveling.
32	3.309	ML	R2	N	0.6		1.9	2.7							5.2	9.6				5.2		III	S	P	Light raveling. Full-depth cracking at joint. Core breaking apart. Core thickness was not uniform.	
33	3.441	ML	R1	Y	1.1		2.0	2.5							5.6	11.8									F	Raveling.
35	3.706	ML	R1	Y	1.1		2.0	2.5							5.6	11.2									F	Drag marks and raveling.
36	3.784	ML	R3	Y	0.8		2.0	4.3							7.1	10.5									P	Severe raveling and delamination.
38	4.206	ML	R1	N	1.0		2.5	2.7							6.2	8.6									F	Raveling.
39	4.327	ML	R3	Y	1.0		2.5	4.2							7.7	11.4									F	Rutting and raveling.
40	4.425	ML	R2	Y	0.8		3.0	4.1							7.9	10.1			12.0						F	Raveling.
42	4.610	ML	R2	Y	1.1		2.7	4.5							8.3	10.4									P	Gouge at a depth of 0.7 inches.
44	4.903	ML	R1	Y	1.2		2.4	2.1							5.7	11.7									F	Raveling.

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Typical Section: 1

W.P.I. No.:		Name: I-75 (SR 93)				Lanes:	
Fin. Proj. ID: 446344-1-31-01		From: South of Bonita Beach Road				Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:		To: North of Alico Road		Inside:	
County:		SR No.: 93		Beg MP: 0.000	End MP: 13.598	Length: 13.598	Outside:
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N):	Paved	Lawn	Other:
							Curb & Gutter (Y/N):

**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	
					FC5	FC9.5	SP1C	S	CONC							LR		ABC-2		DEPTH (IN.)			TYPE
46	5.250	ML	R1	Y	1.1		2.0	2.7							8.0							P	Raveling.
48	5.656	ML	R1	Y	1.1		2.3	2.0							5.4	11.6						F	Raveling.
50	5.794	ML	R3	Y	0.9		3.5	3.9							8.3	10.4		10.0				F	Raveling.
51	5.878	ML	R2	Y	0.9		4.0	3.1							8.0	9.2						F	Light raveling.
53	6.265	ML	R3	Y	1.0		2.5	4.6							8.1	10.5						P	Raveling and drag marks.
54	6.331	ML	R1	N	1.3		2.7	1.5							5.5	12.3						G	
55	6.398	ML	R2	Y	0.9		4.3	2.6								10.3						F	Raveling.
57	6.698	ML	R3	Y	0.3		4.4	2.7								10.7						P	Severe raveling, patched, delamination.
58	6.803	ML	R1	N	1.0		2.4	2.3								11.4						F	Raveling.
59	6.856	ML	R2	N	0.9		4.2	2.8								9.9						P	Severe raveling and drag marks.
60	6.928	ML	R3	N	1.0		4.3	2.5								11.8		18.0				P	Drag marks and raveling. Asphalt patch.
61	7.049	ML	R1	Y	1.0		2.2	2.7								10.7						F	Raveling.
62	7.067	ML	R3	Y		1.7										11.7						P	Severe raveling, cracking and delamination. Asphalt patch.
63	7.254	ML	R2	N	1.0		4.7	2.7								8.4						G	Light raveling.
65	7.465	ML	R3	Y	0.7		3.9	2.3								9.4						F	Raveling.
66	7.575	ML	R3	Y	0.8		3.4	2.4								9.9		13.7				F	Approach - Raveling. Roots present at a depth of 30 inches.
67	7.586	ML	R3	N	1.0		2.2	2.3								11.5						P	Raveling, drag marks.
68	7.597	ML	R1	Y			2.7	1.6								12.1						P	Severe rutting, raveling and delamination.
70	7.761	ML	R1	Y	0.8		2.3	2.4								6.0		13.0				F	Raveling.
71	7.823	ML	R2	Y	0.4		4.2	3.1								10.7						P	Raveling and gouging.
72	8.146	ML	R3	Y	1.0		3.5	2.4								10.9						F	Raveling.
73	8.227	ML	R1	N	0.9		4.4									10.6						F	Raveling.
74	8.341	ML	R1	Y	1.3		2.5	1.4								10.0						F	Approach - raveling.
75	8.393	ML	R3	Y	1.0		2.0	2.9								11.6						F	Departure - raveling.
78	8.720	ML	R1	N	1.2		2.4	2.3								10.8						F	Raveling and gouging.
79	8.831	ML	R2	Y	1.1		3.5	4.4								10.1						F	Raveling and drag marks.
80	9.068	ML	R1	Y	1.4		2.2	2.2								11.7						F	Raveling.
82	9.304	ML	R3	Y	0.9		2.5	3.8								10.9						F	Raveling and drag marks.
84	9.415	ML	R2	Y	0.9		2.6	4.2								10.5						F	Raveling and drag marks.
85	9.538	ML	R1	Y	0.7		4.4									11.3						F	Raveling.
86	9.569	ML	R1	Y	1.1		2.0	2.4								11.1						F	Raveling.
87	9.605	ML	R1	N	1.4		3.5	1.6								10.2						F	Approach - raveling.
88	9.636	ML	R3	Y	1.0		3.0	3.0								9.5						F	Raveling. Cracking at bridge.
89	9.635	ML	R1	N						21.7												P	Departure - severe raveling and delamination. Core was unretrievable.

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F.A. Project No.:		Roadway ID:		To: North of Alico Road		Inside:	
County:		SR No.: 93		Beg MP: 0.000	End MP: 13.598	Length: 13.598	Outside:
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N):	Paved	Lawn	Other:
							Curb & Gutter (Y/N):

**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	
					FC5	FC9.5	SP1C	S	CONC									LR	ABC-2				DEPTH (IN.)	TYPE			CLASS
90	9.639	ML	R2	Y	0.8		3.0	2.6									11.5				11.9					P	Severe raveling.
91	9.641	ML	R1	Y			3.2										15.5									P	Severe raveling and transverse cracking.
92	9.978	ML	R1	Y	0.9		2.0	2.3									12.0									F	Severe raveling and delamination.
94	10.204	ML	R3	N	1.0		3.0	4.0									10.1									F	Raveling and cracking at the lane line.
95	10.322	ML	R1	N	1.0		2.3	2.4									12.4									F	Severe raveling in small area.
97	10.528	ML	R3	Y	1.0		2.8	3.3									9.7									F	Raveling and drag marks.
98	10.686	ML	R2	Y	0.9		2.8	4.0									9.7									F	Raveling.
99	10.766	ML	R3	Y	0.9		2.7	3.9									10.5									F	Raveling.
101	10.969	ML	R1	Y	0.9		1.7	2.5									12.4									P	Raveling.
102	11.286	ML	R1	Y	1.2		2.0	2.6									11.9									G	Light raveling.
103	11.398	ML	R2	Y	0.9		3.0	3.9									10.7									G	Light raveling and drag marks.
105	11.634	ML	R3	N	1.2		2.6	3.5									10.9									G	Light raveling and drag marks.
107	11.714	ML	R1	N	1.1		2.4	2.3									12.3									F	Light raveling.
108	11.951	ML	R1	Y	0.8		2.8	1.8									15.0									G	001 NB FRNT, ALICO
110	12.162	ML	R1	N	0.9		1.6	2.8									12.8			12.1						G	Light raveling.
112	12.501	ML	R3	N	0.9		3.5	3.6									8.4									F	Drag marks. Small pothole.
114	12.546	ML	R2	N	0.8		3.6	3.1									9.9									G	Light raveling.
116	12.668	ML	R3	N	1.1		1.0	2.4										12.0			4.5		III	S		P	Drag marks and raveling. Full-depth cracking at joint. Core taken at approach slab.
117	12.668	ML	R1	Y	1.2		3.7	1.6									11.1									F	001 NB FRNT, ALICO - Raveling and cracking at shoulder joint. Core taken at approach slab.
118	12.718	ML	R1	Y	1.6			2.9																		F	001 NB FRNT, ALICO - Raveling and cracking at shoulder joint. Debonding. Core taken at departure slab.
119	12.718	ML	R3	N	1.0		0.7	3.3																		F	Raveling and drag marks. Debonding. Core taken at departure slab.
121	12.787	ML	R1	Y	1.1		1.6	2.8									13.0									F	001 NB FRNT, ALICO - Raveling.
122	12.804	ML	R1	Y	0.7		1.9	2.6									12.3									F	Light raveling.
123	12.842	ML	R3	N	0.9		1.6	2.8									7.0									G	001 NB FRNT, ALICO - Very light raveling.
124	13.169	ML	R3	N	0.9		3.0	3.6									10.5									F	Light raveling and small drag marks.
128	13.394	ML	R1	Y	1.1		2.5	2.3									12.1									G	Light raveling.
129	13.407	ML	R2	N	0.7		2.6	1.5								4.8	10.5									F	001 NB FRNT, ALICO - Drag marks.
130	13.414	ML	R2	N	0.9		2.3	3.4									6.6	12.0			11.4					G	Light raveling.
131	13.555	ML	R1	N	0.9		2.3	2.4									5.6	13.5								G	Light raveling.
132	0.794	ML	R1	Y	0.9		2.4	2.3									5.6	12.2								G	001 NB OFF, BONITA BEACH - Drag marks, slight raveling.
135	0.884	ML	R2	N	0.8		1.6	1.9									4.3		5.7		1.9		III	S		F	001 NB OFF, BONITA BEACH - Large Cracking
136	0.902	ML	R3	Y	0.8		1.2	2.0									4.0		6.5							F	001 NB OFF, BONITA BEACH - Raveling present.
143	1.080	ML	R1	Y	0.5		2.5	2.5									5.5	10.5								F	003 NB ON, BONITA BEACH - Raveling.
145	1.201	ML	R1	Y	0.7		3.3	2.1									6.1	12.7								G	003 NB ON, BONITA BEACH

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F.A. Project No.:		Roadway ID:		To: North of Alico Road		Inside:	
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Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N):		Paved		Lawn	
				Length: 13.598		Outside:	
				Other:		Curb & Gutter (Y/N):	

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>	DEPTH (IN.)	CRACK			PAVEMENT CONDITION	COMMENTS
					FC5	FC9.5	SP1C	S	CONC						LR	ABC-2					TYPE	CLASS		
147	12.105	ML	R2	N	0.5		1.5	2.8					4.8	13.7								F	050 NB OFF, ALICO - Drag marks and raveling.	
148	12.338	ML	R1	Y	1.0		3.5						4.5	9.1								F	050 NB OFF, ALICO - Drag marks and raveling.	
150	12.520	ML	R2	N	1.2		3.4						4.6	8.4		8.0						F	050 NB OFF, ALICO - Raveling, drag marks. Core thickness was not uniform.	
152	12.569	ML	R3	Y	0.8		1.6	2.3					4.7	8.6								F	050 NB OFF, ALICO - Drag marks, raveling.	
157	12.593	ML	R1	Y	0.8		2.2	1.7					4.7	10.3								P	052 NB ON, ALICO - Raveling.	
159	12.573	ML	R1	Y	0.6		2.4	1.4					4.4	9.2								F	052 NB ON, ALICO - Raveling.	
162	12.714	ML	R1	Y	1.3		5.4						6.7	12.6								G	053 NB ON, ALICO - Raveling.	
164	12.847	ML	R1	Y	1.0		1.9						2.9	13.0								F	053 NB ON, ALICO - Drag marks.	
165	13.358	ML	L2	N	0.8		1.6	2.2					4.6	12.2								F	002 SB FRNT, ALICO - Raveling.	
167	13.242	ML	L1	N	1.0		1.5	2.0					4.5	12.9								G	002 SB FRNT, ALICO - Light raveling.	
169	12.638	ML	L2	N	0.6		2.2	2.0					4.8	14.9								F	002 SB FRNT, ALICO - Rutting and light raveling.	
170	12.598	ML	L1	Y	1.0		4.2						5.2	11.9		16.5						G	002 SB FRNT, ALICO - Light raveling.	
173	12.936	ML	L2	N	0.9		3.9						4.8	13.8								P	054 SB OFF, ALICO - Raveling.	
175	12.878	ML	L1	N	0.9		3.5						4.4	12.1								P	054 SB OFF, ALICO - Raveling and longitudinal cracking.	
176	12.832	ML	L4	Y	0.9		4.4						5.3	11.8		0.8			II	M		P	054 SB OFF, ALICO - Cracking, raveling and drag marks.	
177	12.828	ML	L1	Y	1.2		4.8						6.0	12.8		1.3			II	L		P	054 SB OFF, ALICO - Raveling and longitudinal cracking.	
179	12.791	ML	L2	Y	0.7		4.3						5.0	14.4		2.5			III	S		P	054 SB OFF, ALICO - Cracking, raveling and drag marks.	
180	12.789	ML	L3	Y	1.0		3.7						4.7	14.3		12.8						P	054 SB OFF, ALICO - Drag marks and raveling.	
185	12.700	ML	L1	Y	1.0		4.2						5.2	11.0								P	055 SB ON, ALICO - Raveling.	
188	12.815	ML	L1	Y	0.8		4.4						5.2	12.9								F	055 SB ON, ALICO - Raveling.	
191	12.649	ML	L1	Y	1.1		4.3						5.4	15.0								F	051 SB ON, ALICO - Raveling.	
194	12.471	ML	L1	Y	1.1		3.7						4.8	12.9								F	051 SB ON, ALICO - Raveling, minor cracks.	
195	1.404	ML	L1	N	1.0		6.3						7.3	9.4								F	004 SB OFF, BONITA BEACH - Light raveling.	
196	1.308	ML	L1	Y	0.9		4.3						5.2									F	004 SB OFF, BONITA BEACH - Raveling.	
197	1.249	ML	L3	Y	0.7		3.3						4.0									P	004 SB OFF, BONITA BEACH - Drag marks, raveling, cracking.	
198	1.197	ML	L2	N	0.9		2.0	8.4					11.3	10.0								P	004 SB OFF, BONITA BEACH - Cracking, raveling.	
209	1.011	ML	L1	N	0.4		5.5						5.9	10.2								F	002 SB ON, BONITA BEACH - Raveling.	
212	0.838	ML	L1	N	0.8		3.5	2.5					6.8	11.4								G	002 SB ON, BONITA BEACH - Drag marks.	
<b>AVERAGE</b>					<b>0.92</b>	<b>1.70</b>	<b>2.76</b>	<b>2.93</b>	<b>21.70</b>				<b>5.86</b>	<b>11.09</b>	<b>7.65</b>		<b>13.91</b>	<b>3.32</b>						
<b>MAX</b>					<b>1.60</b>	<b>1.70</b>	<b>6.30</b>	<b>8.40</b>	<b>21.70</b>				<b>11.30</b>	<b>15.50</b>	<b>12.00</b>		<b>26.00</b>	<b>5.70</b>						
<b>MIN</b>					<b>0.30</b>	<b>1.70</b>	<b>0.70</b>	<b>1.00</b>	<b>21.70</b>				<b>1.90</b>	<b>6.00</b>	<b>5.70</b>		<b>8.00</b>	<b>0.80</b>						
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>UNKW</b>				<b>0.18</b>	<b>0.16</b>			<b>0.08</b>							

Notes:



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

Cored By: Ardaman & Associates, Inc.

Coring Completion Date: 10/11/20 - 10/16/20

Typical Section: 1

W.P.I. No.:		Name: I-75 (SR 93)				Lanes:	
Fin. Proj. ID: 446344-1-31-01		From: South of Bonita Beach Road				Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:		To: North of Alico Road		Inside:	
County:		SR No.: 93		Beg MP: 0.000	End MP: 13.598	Length: 13.598	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 <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	FC9.5	SP1C	S	CONC								LR	ABC-2	DEPTH (IN.)	TYPE		
2	0.174	S	IR	N		1.7						1.7	13.4				0.3		IB	L	G	Cracking, Drag marks.
5	0.483	S	OR	N		1.8		1.5				3.3	7.9								G	Drag marks.
15	1.546	S	IR	N		1.5						1.5	12.8								G	
16	1.623	S	OR	N		1.8		2.4				4.2	6.2								G	Drag marks.
23	2.250	S	IR	N		1.6						1.6	11.1								G	
24	2.301	S	OR	N		1.8		0.9				2.7	5.0								G	Drag marks.
34	3.524	S	OR	N	1.8			2.2				4.0	4.7								G	
37	3.896	S	IR	N		1.7						1.7	12.0								G	
41	4.541	S	IR	N		1.7						1.7	12.1								G	
43	4.705	S	OR	N		1.8		2.6				4.4	4.0								G	
45	5.177	S	IS	N		1.4						1.4	14.2								G	
49	5.752	S	OR	N		1.7		1.6				3.3	5.5							F	Depressed spot.	
52	6.155	S	OR	N		1.8		3.4				5.2	4.0								G	
56	6.626	S	IR	N		1.2							12.9								G	
64	7.346	S	IR	N		1.6							12.5								G	
69	7.638	S	OR	N		2.0		2.1					3.8								G	
76	8.468	S	IR	N		2.0							11.2								G	
77	8.594	S	OR	N		2.2		1.0					8.2								G	
81	9.225	S	IR	N		1.7							11.9								G	
83	9.365	S	OR	N		1.4		0.9					5.5							F	Raveling.	
93	10.112	S	OR	N		1.9		1.6					4.2								G	
100	10.907	S	IR	N		1.9							16.0			10.0					G	
104	11.565	S	IR	N		1.5							10.1								G	
106	11.677	S	OR	N		1.7							14.0							F	Drag marks.	
109	12.009	S	IR	N		1.5		1.6					10.2							G	001 NB FRNT, ALICO	
111	12.225	S	IR	N		1.9							12.2								G	
113	0.668	S	OR	N		2.6							8.7							G	001 NB FRNT, ALICO	
115	12.569	S	OR	N		1.9		4.0					14.1							G	Core breaking apart at bottom, non-uniform thickness	
120	12.727	S	IR	N		1.9		1.3					15.8			9.9				G	001 NB FRNT, ALICO	
125	13.211	S	IR	N		1.4							13.6								G	
126	13.299	S	OR	N		1.4							7.7								G	001 NB FRNT, ALICO
127	13.330	S	OR	N	1.6		3.2	2.3					13.0								G	
133	0.864	S	IR	N		1.9							1.9	11.0			1.9		III	S	G	001 NB OFF, BONITA BEACH - Full-depth cracking. Core thickness was not uniform.
134	0.879	S	OR	N		1.4		2.1					3.5		2.5		0.7	C	IB	L	F	001 NB OFF, BONITA BEACH - Drag marks and cracking.

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

Cored By: Ardaman & Associates, Inc.

Coring Completion Date: 10/11/20 - 10/16/20

Typical Section: 1

W.P.I. No.:		Name: I-75 (SR 93)				Lanes:	
Fin. Proj. ID: 446344-1-31-01		From: South of Bonita Beach Road				Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:		To: North of Alico Road		Inside:	
County:		SR No.: 93		Beg MP: 0.000	End MP: 13.598	Length: 13.598	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 <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	FC9.5	SP1C	S	CONC							LR		ABC-2		DEPTH (IN.)			TYPE	CLASS
137	0.907	S	IR	N		1.9							1.9	11.1									G	001 NB OFF, BONITA BEACH
144	1.147	S	OR	N		1.4	2.1						3.5	13.1					0.5	C	II	L	G	003 NB ON, BONITA BEACH
146	1.291	S	OR	N		1.5		1.9					3.4	7.9				3.4		III	S		P	003 NB ON, BONITA BEACH - Full-depth cracking.
149	12.514	S	OR	N		1.5							1.5	8.5									G	050 NB OFF, ALICO - Drag marks.
151	12.548	S	IR	N	0.8		2.0	2.2					5.0	13.3									G	050 NB OFF, ALICO
153	12.600	S	IR	N		1.6							1.6	8.0									G	050 NB OFF, ALICO
154	12.629	S	OR	N		1.7							1.7	11.9									G	050 NB OFF, ALICO
158	12.570	S	OR	N		1.7		2.3					4.0	10.0									G	052 NB ON, ALICO
160	12.609	S	OR	N		1.3	3.2						4.5	10.6			12.0						G	052 NB ON, ALICO
161	12.710	S	OR	N		1.5							1.5	15.0									G	053 NB ON, ALICO
163	12.799	S	OR	N		2.3							2.3	6.8									G	053 NB ON, ALICO- Raveling.
166	13.320	S	OL	N		1.2							1.2	7.4									G	002 SB FRNT, ALICO
168	12.734	S	IL	N		1.3	5.0						6.3	11.8									G	002 SB FRNT, ALICO
171	12.382	S	OL	N		1.3		1.6					2.9	5.0									G	002 SB FRNT, ALICO
172	12.365	S	IL	N		1.5							1.5	7.1									G	002 SB FRNT, ALICO
174	12.900	S	OL	N		1.8							1.8	7.3									G	054 SB OFF, ALICO
178	12.806	S	IL	N		1.4	2.1						3.5	9.8									G	054 SB OFF, ALICO
181	12.760	S	OL	N		1.3	1.0						2.3	5.8									G	054 SB OFF, ALICO
183	12.743	S	IL	N		1.5	1.4						2.9	10.7									G	054 SB OFF, ALICO
186	12.744	S	OL	N	1.3		1.6						2.9	10.2									F	055 SB ON, ALICO
187	12.749	S	IL	N		1.9							1.9	11.1									G	055 SB ON, ALICO
189	12.837	S	OL	N		1.3							1.3		1.4								G	055 SB ON, ALICO
190	12.834	S	IL	N		1.8							1.8	15.1			11.8						G	055 SB ON, ALICO
192	12.636	S	OL	N		2.1							2.1	3.5									G	051 SB ON, ALICO
193	12.527	S	OL	N		1.5							1.5	5.1									G	051 SB ON, ALICO
199	1.188	S	IL	N		2.2							2.2	11.8									G	004 SB OFF, BONITA BEACH
200	1.187	S	OL	N		1.2	2.8						4.0		1.7			16.4					G	004 SB OFF, BONITA BEACH
203	1.117	S	IL	N		2.8							2.8	11.6				2.8		III	S		P	004 SB OFF, BONITA BEACH - Full-depth cracking and raveling at joint. Core thickness was not uniform.
204	1.111	S	OL	N		1.5							1.5	13.5									G	004 SB OFF, BONITA BEACH
210	0.972	S	OL	N		1.6	3.3						4.9		10.9			19.0					G	002 SB ON, BONITA BEACH
211	0.872	S	OL	N		1.5	3.3						4.8		9.4								G	002 SB ON, BONITA BEACH
<b>AVERAGE</b>						<b>1.38</b>	<b>1.68</b>	<b>2.58</b>	<b>1.98</b>				<b>2.76</b>	<b>9.88</b>	<b>5.18</b>			<b>13.18</b>	<b>1.60</b>					
<b>MAX</b>						<b>1.80</b>	<b>2.80</b>	<b>5.00</b>	<b>4.00</b>				<b>6.30</b>	<b>16.00</b>	<b>10.90</b>			<b>19.00</b>	<b>3.40</b>					
<b>MIN</b>						<b>0.80</b>	<b>1.20</b>	<b>1.00</b>	<b>0.90</b>				<b>1.20</b>	<b>3.50</b>	<b>1.40</b>			<b>9.90</b>	<b>0.30</b>					

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

Cored By: Ardaman & Associates, Inc.

Coring Completion Date: 10/11/20 - 10/16/20

Typical Section: 1

W.P.I. No.:		Name: I-75 (SR 93)		Lanes:	
Fin. Proj. ID: 446344-1-31-01		From: South of Bonita Beach Road		Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:		To: North of Alico Road	
County:		SR No.: 93		Beg MP: 0.000 End MP: 13.598 Length: 13.598	
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 <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	FC9.5	SP1C	S	CONC								LR	ABC-2			DEPTH (IN.)	TYPE	CLASS		
LAYER COEF.					0.00	0.25	0.25	0.25	UNKW							0.18	0.16		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.
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: Ardaman & Associates, Inc.

Coring Completion Date: 10/11/20 - 10/16/20

Typical Section: 1

W.P.I. No.:		Name: I-75 (SR 93)				Lanes:	
Fin. Proj. ID: 446344-1-31-01		From: South of Bonita Beach Road				Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:		To: North of Alico Road		Inside:	
County:		SR No.: 93		Beg MP: 0.000		End MP: 13.598	
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N):		Paved		Lawn	
				Length: 13.598		Outside:	
				Other:		Curb & Gutter (Y/N):	

**Turn Lane / Crossover Cores (TL / CO)**

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	FC9.5	SP1C	S	CONC									LR		ABC-2		DEPTH (IN.)	TYPE			CLASS	EXTENT		
47	5.470	TL/CO	CO	N		1.6									1.6	14.0										F	Drag marks.		
96	10.380	TL/CO	CO	N		2.0										9.2											G		
138	0.941	TL/CO	R4	Y	0.5		1.5	2.0							4.0	13.0										F	001 NB OFF, BONITA BEACH - Drag marks and raveling.		
139	0.980	TL/CO	R2	N	0.8		3.3								4.1		7.1									F	001 NB OFF, BONITA BEACH - Severe cracking and raveling.		
140	0.997	TL/CO	OR	N		1.6		1.0							2.6	16.6			20.8							F	001 NB OFF, BONITA BEACH - Patched area		
141	1.003	TL/CO	R3	Y	1.2		2.0	1.8							5.0		6.6									F	001 NB OFF, BONITA BEACH - Raveling.		
142	1.024	TL/CO	R4	N	1.1		1.4	2.0							4.5	13.0										F	001 NB OFF, BONITA BEACH - Severe raveling.		
155	12.648	TL/CO	R2	N	1.0		3.0	1.5							5.5	7.7										P	050 NB OFF, ALICO - Severe raveling.		
156	12.665	TL/CO	R3	N	1.0		2.0	1.9							4.9	12.0										P	050 NB OFF, ALICO - Drag marks and severe raveling.		
182	12.748	TL/CO	L4	N	0.8		4.2								5.0	12.1			0.8	C	II	L			P	054 SB OFF, ALICO - Raveling and drag marks.			
184	12.738	TL/CO	L1	N	1.3		3.8								5.1	12.5										P	054 SB OFF, ALICO - Raveling, rutting and drag marks.		
201	1.135	TL/CO	L2	Y	0.6		4.5								5.1		4.9									P	004 SB OFF, BONITA BEACH - Cracking, raveling.		
202	1.130	TL/CO	L4	Y	1.4		3.6								5.0	14.0										F	004 SB OFF, BONITA BEACH - Longitudinal cracking and raveling.		
205	1.108	TL/CO	L3	N	0.9		3.3								4.2		5.7									P	004 SB OFF, BONITA BEACH - Raveling.		
206	1.101	TL/CO	L1	Y	1.0		3.6								4.6	16.3										F	004 SB OFF, BONITA BEACH - Raveling.		
207	1.088	TL/CO	L4	N	0.7		3.5								4.2	14.1										P	004 SB OFF, BONITA BEACH - Severe raveling.		
208	1.073	TL/CO	L1	N	0.8		3.5								4.3	14.8										P	004 SB OFF, BONITA BEACH - Severe raveling.		
<b>AVERAGE</b>					<b>0.94</b>	<b>1.73</b>	<b>3.09</b>	<b>1.70</b>							<b>4.36</b>	<b>13.02</b>	<b>6.08</b>		<b>20.80</b>	<b>0.80</b>									
<b>MAX</b>					<b>1.40</b>	<b>2.00</b>	<b>4.50</b>	<b>2.00</b>							<b>5.50</b>	<b>16.60</b>	<b>7.10</b>		<b>20.80</b>	<b>0.80</b>									
<b>MIN</b>					<b>0.50</b>	<b>1.60</b>	<b>1.40</b>	<b>1.00</b>							<b>1.60</b>	<b>7.70</b>	<b>4.90</b>		<b>20.80</b>	<b>0.80</b>									
<b>LAYER COEF.</b>					<b>0.00</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>UNKW</b>						<b>0.18</b>	<b>0.16</b>			<b>0.08</b>										

Notes:

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L1 - 1st Lane Left of Centerline	R1 - 1st Lane Right of Centerline	TL - Turn Lane	SS - Side Street	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	Class III - Cracks > 1/4 inch	S - Severe	P - Poor
			C - Combination			