

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

Cored By: ARDAMAN & ASSOCIATES

Coring Completion Date: 6/27/2020

Typical Section:

W.P.I. No.:		Name:	SR90 (US41)			Lanes:	
Fin. Proj. ID:	441561-1-31-01	From:	Whistler's Cove			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	03010000			To:	
County:	Collier	SR No.:	90			Beg MP:	
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved	Lawn
				Length:	1.380	Other:	
				Curb & Gutter (Y/N):			

All Cores

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
					FC9.5	FC5	SP9.5	S	FC5	SP9.5	T1	S	S2	S	ARMI		LR	CONC	ABC	SAHM		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	20.21	ML	L3	Y	1.5		9.6		1.1	2		5.5			0.6	20.3	6.5									G	
2	20.14	TL/CO	L1	N	1.8		2.2	2.6								6.6	9.5									G	
3	20.1	ML	L2	Y	1.7		1.7	2.1								5.5	11.9				14.0					G	
4	20.09	ML	L2	N		0.5	2.1	6.4								9.0			10.4						F	SOME RAVELING	
5	20.04	ML	L2	Y		0.6	1.3	2.5								4.4	6.6				15.0				F	SLIGHT RAVELING	
6	20.04	ML	L2	N		0.5	1.8	2.4								4.7			16.4			2.6		II	L	F	CORE CRACKED
7	20.04	ML	L2	Y		0.8	2	7.8			1.5				0.7	12.8	9.8								F		
8	20.02	TL/CO	L1	Y		1.3	1.7	3.2								6.2	11.8								G		
9	19.89	ML	L1	N		1.5	1.8	2.4								5.7	12.3								G		
10	19.81	ML	L2	Y		1	2	7.4								10.4	7.9								G	SLIGHT RAVELING	
11	19.7	TL/CO	L1	N		1	1.6	2.9								5.5			10.1						G		
12	19.65	ML	L2	Y		0.8	1.9	2.2								4.9	13.5					2.0		II	L	F	
13	19.58	ML	L3	N		0.8	2	3.6			1				0.7	8.1	7.5					2.5		II	L	F	
14	19.53	S	OL	N		1	1.9	2.8			2.1				0.7	8.5	7.0								G	RAVELING IN TRAFFIC LANES, GOUGES	
15	19.51	ML	L2	Y		1	1.5	2.6								5.1	13.1								F	RAVELING	
16	19.44	ML	L1	N		1.1	1.6	3.3								6.0	13.8				9.3				F	RAVELING, GOUGES	
17	19.38	ML	L2	Y		1.2	1.1	7.5			2.3				0.8	12.9	7.9								F	GOUGES	
18	19.34	ML	L3	N		0.7	1.7	4.7			1.5				0.6	9.2	7.0					2.4		II	M	F	
19	19.31	TL/CO	L1	Y		1.2	2.2	2.8								6.2	14.1								G	RAVELING	
20	19.25	ML	L2	N		0.8	2	7.1								9.9	12.4					2.0		II	L	F	LOWER SECTION OF CORE IS POOR QUALITY
21	19.15	S	OL	N		1.1	2	2.6			1.9				0.7	8.3	7.5								G	CRACKS & RAVELING IN TRAFFIC LANES	
22	19.05	ML	L3	Y		0.9	1.8	3.8			0.9				0.7	8.1	8.5					3.3		1B	L	G	RAVELLING
23	19.02	TL/CO	L1	N	1.4		2.1									3.5	15.0								G		
24	18.98	ML	L2	Y		0.8	1.7	8			2.9				0.6	14.0	5.9								G	RAVELING	
25	18.92	ML	L1	N		1	2.3	8								11.3	9.6								G	SLIGHT RAVELING	
26	18.95	ML	R3	Y		0.5	2.6	1.9								5.0	12.5					2.5		II	L	G	SLIGHT RAVELLING
27	19	TL/CO	R3	N	1.3		2.3									3.6	10.6								G		
28	19.08	ML	R2	Y		0.6	1.6	2.6								4.8	12.3				12.9				G		

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F.A. Project No.:		Roadway ID: 03010000		To: Collier Blvd				Inside:					
County: Collier		SR No.: 90		Beg MP: 18.883		End MP: 20.263		Length: 1.380		Outside:			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N):		Paved		Lawn		Other:		Curb & Gutter (Y/N):	

All Cores

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	
					FC9.5	FC5	SP9.5	S	FC5	SP9.5	T1	S	S2	S	ARMI		LR	CONC	ABC	SAHM		DEPTH (IN.)	TYPE	CLASS	EXTENT			
29	19.18	ML	R1	N		0.7	1.5	3.7								5.9	11.0									P	SEVERE RAVELING	
30	19.23	S	OR	N		1	2	2.1								5.1	10.5									G		
31	19.29	ML	R2	Y		1	1.5	3								5.5	11.0									F		
32	19.44	ML	R3	N		0.9	1.1	1.4					0.8	2		6.2	10.9									G	GOUGED	
33	19.6	TL/CO	R3	Y	1.7		1.6	2.4								5.7	11.4									G	GOUGED	
34	19.61	TL/CO	R1	N		0.9	2.1	11.2								14.2	12.7									G	SLIGHT RAVELING	
35	19.63	ML	R1	Y		0.8	2.5	0.8			1		0.8	2.4		8.3	10.0									F	RAVELING	
36	19.69	ML	R3	N		1.1	1	3.9								6.0	11.4									G		
37	19.7	S	OR	N		0.9	1.5	3								5.4	8.8									G		
38	19.78	ML	R1	Y		0.7	2.2	2.1								5.0	10.1									G	SLIGHT RAVELING	
39	19.93	ML	R2	N		0.7	2.1	3.5								6.3	12.8									F		
40	19.94	TL/CO	R1	Y		1	1.8	2.4								5.2	14.9									G	RAVELING	
41	20.14	ML	R3	N	1.6		0.8		0.6			4.1				7.1	8.9									G		
42	20.16	ML	R1	Y	1.2		1.7		0.8			4.2				7.9	12.0				10.0	1.2	Comb.	III	L	P	RAVELLING	
43	20.19	TL/CO	R1	N	1.6		2	4.1								7.7	7.4									G		
44	20.22	TL/CO	R1	Y	1.4		1.6		1.1			5				9.1	7.6									F	RUTTING	
45	20.23	TL/CO	R3	N	1.7		1.3		1			1.5	2.4			7.9	10.6									G		
46	20.24	TL/CO	R3	Y	0.8	0.9	1.4	1.1								4.2			7.5								G	
AVERAGE					1.48	0.89	1.95	3.79	0.92	2.00	1.68	4.06	1.33	2.20	0.68	7.46	10.38		11.10		12.23	2.31						
MAX					1.80	1.50	9.60	11.20	1.10	2.00	2.90	5.50	2.40	2.40	0.80	20.30	15.00		16.40		15.00	3.30						
MIN					0.80	0.50	0.80	0.80	0.60	2.00	0.90	1.50	0.80	2.00	0.60	3.50	5.88		7.50		9.25	1.20						
LAYER COEF.					0.25	0.00	0.25	0.25	0.00	0.25	0.23	0.25	0.25	0.25	0.00		0.18	UNKW	#N/A	0.11	0.08							

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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