

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: MADRID CPWG

Coring Completion Date: 10/24/2023 (Additional cores added on 12/4/23)

Typical Section: 1

W.P.I. No.:					Name:	SR 29				Lanes:	2 Lane Rural Principal Arterial Roadway				
Fin. Proj. ID:	417540-6				From:	N of New Market Rd				Shoulder Type and Condition:					
F.A. Project No.:					Roadway ID:	03080000				To:	SR 82				
County:	Collier		SR No.:	29		Beg MP:	39.522		End MP:	42.513		Length:	2.991		
Overall Pavement Condition (from DMO field review):					Fair		Median Curbed (Y/N):	N		Paved	Lawn		Other:	Curb & Gutter (Y/N): N	

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
					FC12.5	S	FC5	SP9.5	S	WC	T1	LR		ABC-2	SAHM	SHEL	DEPTH (IN.)		TYPE	CLASS	EXTENT			
1	39.749	ML	R1	N	1.8			2.2					4.0		5.2			6.0	2.5	C	III	S	P	
2	39.900	ML	R1	N	2.0			2.5	2.3	0.4			7.2			5.0		0.0					P	
3	39.900	ML	R1	N	1.7			2.3	2.9	0.3			7.2			4.4		0.0	7.2	C	III	S	P	Base crack
4	39.900	ML	R1	N	1.7			3.0	1.9	0.4			7.0			5.5		0.0					P	Base crack
5	40.388	ML	R1	N	1.5	3.0				0.4			4.9			8.5		0.0					P	
6	40.388	ML	R1	N	1.5	3.0				0.2			4.7			8.0		0.0	4.7	C	III	S	P	Base fell apart
7	40.388	ML	R1	N	1.5	3.0				0.2			4.7			8.0		0.0					P	
8	41.156	ML	R1	N	1.8	4.7				0.3			6.8			7.6		0.0					P	Base fell apart
9	41.156	ML	R1	N	2.0	4.7				0.3			7.0			6.3		0.0	7.0	A	III	S	P	
10	41.156	ML	R1	N	2.0	4.5							6.5		4.0			0.0					P	
11	40.501	ML	R1	N	1.5	3.0							4.5		3.9			0.0					F	
14	41.130	ML	L1	N	1.5			2.2					3.7		5.3			0.0					F	
15	39.912	ML	L1	N	1.6	4.0				0.2			5.8			4.0		0.0					F	
16	39.601	ML	R1	Y	1.7	2.4							4.1		6.3			0.0					F	
17	40.755	ML	R1	Y	1.5	3.9				0.1			5.5			6.0		0.0					F	
18	41.726	ML	R1	N	2.0	4.2				0.2			6.4			8.0		0.0					F	Base fell apart
19	42.275	ML	L1	Y	1.4			1.5	2.9	0.3			6.1			6.6		0.0					F	
20	41.338	ML	L1	N	1.4			2.4	1.1	0.2			5.1			6.2		0.0	1.7	C	III	M	F	
21	40.277	ML	L1	N	1.5	4.7				0.2			6.4			4.3		0.0					F	
49	41.123	ML	L1	N	1.5	7.8							9.3	13.0				0.0	6.4	C	II	M	P	Additional Core / Sample was taken
50	39.909	ML	L1	Y	1.1			2.7	1.6	0.3			5.7			4.0			3.2	C	II	M	P	Additional Core / Base fell apart
51	42.151	ML	L1	Y	1.8				5.2				7.0			9.0		0.0	4.3	C	III	S	P	Additional Core / Base fell apart / Sample was taken
52	40.990	ML	L1	Y	1.5				3.4				4.9			4.5			3.6	C	III	L	P	Additional Core
53	40.049	ML	R1	N	1.5				1.2				2.7			6.1		0.0	2.7	C	III	S	P	Additional Core / Sample was taken
54	41.305	ML	R1	Y	1.1				4.1				5.2			8.0		0.0	5.2	B	III	S	P	Additional Core / Base crack / Sample was taken
AVERAGE					1.60	4.07		2.35	2.66	0.27			5.70	13.00	4.94	6.32		0.26	4.41					
MAX					2.00	7.80		3.00	5.20	0.40			9.30	13.00	6.30	9.00		6.00	7.20					
MIN					1.10	2.40		1.50	1.10	0.10			2.70	13.00	3.90	4.00		0.00	1.70					
LAYER COEF.					0.25	0.25	0.00	0.25	0.25	UNKW	0.23			0.18	0.16	0.11	0.18	0.08						

Notes:

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F.A. Project No.:		Roadway ID:	03080000			To:	SR 82								
County:	Collier	SR No.:	29			Beg MP:	39.522	End MP:	42.513	Length:	2.991	Inside:		Outside:	
Overall Pavement Condition (from DMO field review):		Fair	Median Curbed (Y/N):	N	Paved	Lawn	Other:		Curb & Gutter (Y/N):	N					

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
					FC12.5	S	FC5	SP9.5	S	WC	T1					LR	ABC-2		SAHM	SHEL	DEPTH (IN.)	TYPE		
<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 S - Shoulder TL - Turn Lane SS - Side Street CO - Crossover 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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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	
					FC12.5	S	FC5	SP9.5	S	WC	T1					LR	ABC-2		SAHM	SHEL	DEPTH (IN.)	TYPE			CLASS
28	39.749	TL	RR	Y	1.9			1.9						3.8		6.0			0.0	3.2	C	III	S	P	
29	39.761	TL	RL	N	1.7			1.5	2.2	0.2				5.6			4.5		0.0					F	
30	39.805	TL	LL	Y	1.5			2.5	1.8	0.2				6.0			5.0		0.0					P	
31	39.828	TL	LR	N	1.8			1.6						3.4	10.0				7.0					F	
32	39.993	TL	RR	Y	1.2		1.3							2.5	10.0				0.0					F	
33	40.078	TL	LL	N	1.6	3.5				0.2				5.3			5.0		0.0	0.2	C	III	M	P	
34	41.090	TL	RL	Y	1.8	3.5				0.1				5.4			5.0		0.0					F	
35	41.138	TL	LR	N	1.8	2.1								3.9		5.0			0.0					P	
36	42.050	TL	RR	N	1.9	2.1								4.0		6.9			0.0					F	
37	42.103	TL	LL	N	1.5	3.4				0.2				5.1			7.5		0.0					F	Base Crack
AVERAGE					1.67	2.92	1.30	1.88	2.00	0.18				4.50	10.00	5.97	5.40		0.70	1.70					
MAX					1.90	3.50	1.30	2.50	2.20	0.20				6.00	10.00	6.90	7.50		7.00	3.20					
MIN					1.20	2.10	1.30	1.50	1.80	0.10				2.50	10.00	5.00	4.50		0.00	0.20					
LAYER COEF.					0.25	0.25	0.00	0.25	0.25	UNKW	0.23				0.18	0.16	0.11	0.18	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 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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Overall Pavement Condition (from DMO field review):					Fair	Median Curbed (Y/N):	N	Paved	Lawn	Other:		Curb & Gutter (Y/N):	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	
					FC12.5	S	FC5	SP9.5	S	WC	T1	LR		ABC-2	SAHM	SHEL	DEPTH (IN.)		TYPE	CLASS	EXTENT				
12	40.501	S	OR	N	1.6								1.6	4.0				0.0	1.6	C	III	S	F	Widening Crack; Core separated	
13	40.501	S	OR	N	1.7								1.7	4.0				0.0					F		
22	39.647	S	OR	N	1.7	0.8							2.5	6.0				11.0					F		
23	40.118	S	OL	N	1.7	0.7	1.0				2.1		5.5	4.0				4.0					F		
24	40.900	S	OR	N	2.0								2.0	7.5				0.0					F		
25	41.460	S	OL	N		1.5							1.5	4.0				0.0					P		
26	41.942	S	OR	N	1.2	1.3							2.5	8.0				0.0					F		
27	42.427	S	OL	N			0.8	1.9					2.7	7.0				0.0					F		
AVERAGE					1.65	1.08	0.90	1.90			2.10		2.50	5.56				1.88	1.60						
MAX					2.00	1.50	1.00	1.90			2.10		5.50	8.00				11.00	1.60						
MIN					1.20	0.70	0.80	1.90			2.10		1.50	4.00				0.00	1.60						
LAYER COEF.					0.25	0.25	0.00	0.25	0.25	UNKW	0.23			0.18	0.16	0.11	0.18	0.08							

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Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N):	N	Paved	Lawn	Other:		Curb & Gutter (Y/N):			N

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
					FC12.5	S	FC5	SP9.5	S	WC	T1					LR	ABC-2		SAHM	SHEL	DEPTH (IN.)	TYPE		
38	39.546	SS	NA	Y	1.2			1.0	1.8				4.0	8.0				0.0					F	Monroe St
39	39.703	SS	NA	Y	1.6	6.8							8.4				3.0						F	Jefferson Ave
40	39.780	SS	NA	Y	1.9			2.0					3.9	6.0				6.0					F	West Cox St
41	39.786	SS	NA	N	1.5	2.3							3.8	12.0				0.0					F	New Market Rd
42	39.862	SS	NA	Y	2.5			2.5	3.8	0.2			9.0			5.0		0.0					F	New Market Rd Exit / Base Crack
43	40.035	SS	NA	Y			0.8		2.2				3.0	12.0				0.0					F	Heritage Blvd
44	41.118	SS	NA	Y	1.9	2.6							4.5		5.5			0.0					F	UF Entrance
45	41.252	SS	NA	Y	1.7								1.7	8.0				0.0					P	Experimental Rd
46	41.772	SS	NA	Y	2.0			3.0					5.0	9.0				0.0					F	O' Quinn Rd
47	41.905	SS	NA	Y	1.0								1.0		0.7			0.0					F	Johnson Rd
48	42.077	SS	NA	N	1.8								1.8	11.0				0.0					F	Unsigned
AVERAGE					1.71	3.90	0.80	2.13	2.60	0.20			4.19	9.43	3.10	5.00	3.00	0.60						
MAX					2.50	6.80	0.80	3.00	3.80	0.20			9.00	12.00	5.50	5.00	3.00	6.00						
MIN					1.00	2.30	0.80	1.00	1.80	0.20			1.00	6.00	0.70	5.00	3.00	0.00						
LAYER COEF.					0.25	0.25	0.00	0.25	0.25	UNKW	0.23			0.18	0.16	0.11	0.18	0.08						

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