

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

Cored By: **TEST LAB, INC**

Coring Completion Date: **5/15/2024**

Typical Section: **1**

W.P.I. No.:		Name:	SR 29			Lanes:	2 Lane Urban Principle Arterial Roadway						
Fin. Proj. ID:	451277-1	From:	N of Oil Well Rd. (CR 858)			Shoulder Type and Condition:							
F.A. Project No.:		Roadway ID:	03080000			To:	N of Bridge No 030304						
County:	COLLIER	SR No.:	29			Beg MP:	28.731	End MP:	34.340	Length:	5.609	Inside:	NONE
Overall Pavement Condition (from DMO field review):				Fair		Median Curbed (Y/N):	N	Paved	Lawn	Other:		Outside:	PAVED
											Curb & Gutter (Y/N):	N	

Mainline abd Bridge Cores (ML/BR)

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	FC3	SP9.5	S								LR	RAP				DEPTH (IN.)	TYPE		
2	28.812	ML	L1	N	1.4		2.0	1.6					5.0	9.8				12.3	3.5	C	II	S	P	
4	28.886	ML	R1	Y	1.6		2.3						3.9	10.4					1.6	A	III	M	F	Separation under FC.
5	28.959	ML	L1	Y	1.5		2.0						3.5	12.0					3.5	A	IB	M	F	Base crack.
8	29.180	ML	R1	N	1.5		1.7						3.2	10.1					3.2	C	II	M	F	Base crack.
9	29.275	ML	L1	N	1.6		2.0						3.6	8.9					3.6	A	II	M	F	
12	29.587	ML	R1	Y	1.5		1.7						3.2	9.3			12.5		1.7	A	IB	L	F	
13	29.708	ML	L1	Y	1.4		2.5						3.9	13.6					1.5	A	IB	L	F	Separation under FC.
16	29.942	ML	R1	Y	1.6		2.3						3.9	11.1					3.9	A	II	L	F	Separation under FC.
17	30.036	ML	L1	Y	1.4		2.1						3.5	11.0					1.4	A	III	S	P	Possible slippage.
20	30.269	ML	R1	Y	1.5		2.4						3.9	10.6					2.0	A	IB	L	F	
21	30.340	ML	L1	Y	1.6		1.9						3.5	11.0					2.0	C	III	M	F	Separation under FC.
24	30.633	ML	R1	Y	1.4		2.5						3.9	10.4					3.9	C	IB	M	F	Base crack.
25	30.729	ML	L1	Y	1.7		1.5						3.2	12.8					3.2	C	III	S	F	Base crack.
28	30.995	ML	R1	Y	1.3		2.2						3.5	10.5					1.3	B	IB	L	F	
29	31.085	ML	L1	Y	1.5		1.9						3.4	9.9					3.4	A	IB	L	F	Base crack.
32	31.281	ML	R1	N	1.4		2.1						3.5	10.5									F	
33	31.344	ML	L1	Y	1.6		2.3						3.9	7.9					1.7	A	II	M	F	Separation under FC.
37	31.601	ML	R1	Y	1.5		2.1						3.6	14.7					2.6	B	IB	L	F	
38	31.678	ML	L1	Y	1.6		1.9						3.5	10.5					3.5	A	IB	M	F	
41	31.943	ML	R1	Y	1.5		2.5						4.0	9.8					2.7	A	IB	L	F	
44	32.037	ML	L1	Y	1.6		2.5						4.1	12.9					1.6	B	IB	M	F	Separation under FC.
45	32.122	ML	L1	Y	1.5		2.5						4.0	11.5			11.0		1.5	C	III	M	F	Separation under FC.
48	32.261	ML	R1	Y	1.3		2.4						3.7	11.1					3.0	A	II	L	F	
49	32.329	ML	L1	Y	1.7		2.4						4.1	10.9					4.1	B	II	L	F	
52	32.597	ML	R1	Y	1.6		1.7						3.3	11.0					3.3	A	III	L	F	Base crack. Separation under FC.
53	32.708	ML	L1	Y	1.6		2.6						4.2	10.8					2.4	C	IB	M	F	
56	32.997	ML	R1	Y	1.4		2.6						4.0	11.0					0.6	A	IB	L	F	
58	33.096	ML	L1	Y	1.5		2.7						4.2	11.3					4.2	C	III	S	P	
60	33.164	ML	L1	Y	1.3		2.8						4.1	11.4					1.3	A	III	M	P	Slippage in right wheel path.
62	33.345	ML	R1	N	1.3		2.0						3.3	10.7					3.3	A	III	M	F	Base crack.

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												Curb & Gutter (Y/N):	N

Mainline abd Bridge Cores (ML/BR)

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	FC3	SP9.5	S								LR		RAP		DEPTH (IN.)	TYPE			CLASS
63	33.426	ML	L1	Y	1.3		2.1						3.4	11.6				3.4	A	II	M	F	Base crack.	
66	33.628	ML	R1	Y	1.4		2.2						3.6	8.4				3.6	A	IB	L	F	Base crack.	
67	33.706	ML	L1	Y	1.2		2.1						3.3	13.0				3.3	C	II	M	F	Base crack.	
70	33.933	ML	R1	Y	1.6		1.7						3.3	12.2								F		
71	33.944	BR	R1	N	1.3		1.4						2.7	19.8								F	Bridge Deck. CONC under LR.	
72	34.029	ML	L1	Y	1.3		2.1						3.4	14.1				1.5	C	III	M	F	Separation under FC.	
75	34.253	ML	R1	Y	1.7		1.8						3.5	11.5				2.3	A	IB	L	F		
76	34.328	ML	L1	Y	1.5		2.1						3.6	13.2				3.6	C	III	M	F	Separation under FC. Base crack.	
77	30.761	BR	R1	Y	0.9		2.0	1.1					4.0	19.5				2.8	A	III	L	F	Approach slab.	
78	30.781	BR	L1	Y	1.8		2.3						4.1	13.9				4.1	A	IB	L	F	Approach slab. Base crack.	
AVERAGE					1.47		2.15	1.35					3.69	11.60				11.92	2.71					
MAX					1.80		2.80	1.60					5.00	19.80				12.50	4.20					
MIN					0.90		1.40	1.10					2.70	7.85				11.00	0.60					
LAYER COEF.					0.25	0.17	0.25	0.25						0.18	UNKW			0.08						

- 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.
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<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	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

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Shoulder Cores (S)

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					FC12.5	FC3	SP9.5	S										LR	RAP				DEPTH (IN.)	TYPE		
69	33.873	S	OL	N	1.3		1.3								2.6		5.5						F			
73	34.091	S	OR	N	1.8		1.0								2.8		3.9						F	Base separation.		
74	34.170	S	OL	N	1.2		1.0								2.2		6.1			16.7			F			
AVERAGE					1.54		1.01	1.30							2.41	6.77	4.05			14.51	2.15					
MAX					2.20		2.20	1.30							3.90	11.10	6.10			16.70	3.90					
MIN					0.90		0.40	1.30							1.50	4.75	1.50			12.25	0.40					
LAYER COEF.					0.25	0.17	0.25	0.25								0.18	UNKW			0.08						

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County:	COLLIER	SR No.:	29			Outside:	PAVED
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Turn Lane and Side Street Cores (TL/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	FC3	SP9.5	S										LR		RAP		DEPTH (IN.)	TYPE			CLASS
36	31.560	SS	NA	N		2.4									2.4	12.6			11.0					F	Trans Gro Road	
42	31.986	SS	NA	N	0.9		1.3								2.2	8.8								F	Sunniland_Nursery_Rd	
43	32.007	TL	LR	N	1.3		2.0								3.3	9.7								F		
57	33.037	TL	LR	N	1.4		2.6								4.0	1.0			13.0	4.0	B	III	S	F	Transverse joint. Base crack.	
AVERAGE					1.20	2.40	1.97								2.98	8.03			12.00	4.00						
MAX					1.40	2.40	2.60								4.00	12.60			13.00	4.00						
MIN					0.90	2.40	1.30								2.20	1.00			11.00	4.00						
LAYER COEF.					0.25	0.17	0.25	0.25								0.18	UNKW			0.08						

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