

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

Cored By: MADRID ENGINEERING GROUP

Comple 4/27/2023

Typical Section: 14110000

W.P.I. No.:		Name:	SR 39				Lanes:	2				
Fin. Proj. ID:	447951-1	From:	North of Central Ave.				Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID:	14110000				Inside:	N/A				
County:	Pasco	SR No.:	39		Beg MP:	0.679	End MP:	3.448	Length:	2.769	Outside:	Paved
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	N	Paved X	Lawn	Other:		Curb & Gutter (Y/N): N	

Mainline and 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	FC9.5	SP9.5	CRL	S	CRL	T1	WC		LR	ABC-2	RAP	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT			
3	0.689	ML	R1	Y	1.5		2.1	0.5			1.3	0.6	6.0	8.0						6.0	C	III	S	P	BLOCK CRACKING
4	0.831	ML	R1	Y	1.8		4.5		3.9			0.8	11.0	10.0					12.0	3.6	B	III	S	P	
6	0.975	ML	R1	N	1.5		6.2	0.5	0.4			0.9	10.1	10.0					12.0	2.1	C	III	S	P	
10	1.577	ML	R1	Y	1.5		1.8						3.3	16.5					12.0	2.4	C	III	S	P	
11	1.580	ML	R1	Y	1.5		2.1						3.6	15.0					12.0	3.6	B	III	S	P	
12	1.649	BR	R1	Y	1.1								1.1				UNK		0.4	B	IB	L	F	BR 0136 DEPARTURE	
13	1.834	ML	R1	N	1.7		2.1	0.5	0.6		1.1	0.5	6.5	8.0				12.0	3.5	C	III	S	P	BOTTOM UP CRACK	
16	2.220	ML	R1	Y	1.5		3.0	0.5					5.0	8.0				12.0	5.7	C	III	S	P		
18	2.635	ML	R1	Y	1.5		4.9						6.4	10.0					3.5	C	II	S	F		
23	3.024	ML	R1	Y	1.4		3.4	0.6	0.5		0.8	0.5	7.2	7.0				12.0	7.2	C	III	S	P		
26	3.412	ML	L1	Y	1.5		2.0						3.5	10.0					2.0	C	II	M	F		
28	3.265	ML	L1	N	1.6		2.5	0.6	2.8	0.9		0.6	9.0	8.0									F		
30	3.159	ML	L1	Y	1.7		1.6	0.4	0.4		0.8	0.6	5.5	6.0					5.5	C	III	S	F		
34	2.843	ML	L1	Y	1.8		2.3						4.1	8.0				12.0	2.0	C	III	S	F		
38	2.429	ML	L1	Y	1.7		2.1	0.3	0.8		1.0	0.6	6.5	7.0				12.0	6.5	C	III	S	F		
40	2.093	ML	L1	Y	1.6		5.6	0.6	0.6		0.6	0.6	9.6	6.0				12.0	3.3	C	III	S	P		
43	1.650	BR	L1	Y	1.5								1.5				UNK						F	BR 0136 APPROACH	
44	1.577	ML	L1	Y	1.2		2.3						3.5	16.0				12.0	3.5	A	III	S	P		
46	1.359	ML	L1	N	2.0		2.6	0.6	2.8		0.8	0.9	9.7	7.0				12.0	4.0	C	III	S	P	BOTTOM UP CRACK	
47	1.173	ML	L1	N	1.7		2.9	0.5	0.6		0.5	0.5	6.7	6.5				12.0	3.3	C	III	S	P		
49	0.795	ML	L1	Y	1.8		3.3	0.6	0.6		0.8	0.6	7.7	8.0				12.0	4.0	C	III	S	P		
AVERAGE					1.58		3.02	0.52	1.27	0.90	0.86	0.62	6.07	9.21				12.00	3.79						
MAX					2.00		6.20	0.60	3.90	0.90	1.30	0.90	11.00	16.50				12.00	7.20						
MIN					1.10		1.60	0.30	0.40	0.90	0.50	0.50	1.10	6.00				12.00	0.40						
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	0.00	0.23	UNKW		0.18	0.16	UNKW	UNKW	0.08							

Notes:

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County:	Pasco	SR No.:	39		Beg MP:	0.679	End MP:	3.448	Length:	2.769	Outside:	Paved
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	N	Paved X	Lawn	Other:		Curb & Gutter (Y/N):	N

Mainline and 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	FC9.5	SP9.5	CRL	S	CRL	T1	WC		LR	ABC-2	RAP	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		

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.

<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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F.A. Project No.:		Roadway ID:	14110000	To:	US 301
County:	Pasco	SR No.:	39	Beg MP:	0.679
				End MP:	3.448
				Length:	2.769
Overall Pavement Condition (from DMO field review):	Fair	Median Curbed (Y/N):	N	Paved X	Lawn
				Other:	
				Inside:	N/A
				Outside:	Paved
				Curb & Gutter (Y/N):	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
					FC12.5	FC9.5	SP9.5	CRL	S	CRL	T1	WC		LR	ABC-2	RAP	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
8	1.275	TL	RR	N	1.5		4.5						6.0		7.1			12.0					F	
9	1.332	TL	RR	Y	1.8		11.1						12.9	6.0				12.0	2.5	C	III	S	F	
15	1.951	TL	RR	Y	1.6		4.4						6.0		4.5			12.0					F	
20	2.702	TL	RL	N	1.3		3.1		1.0		1.7	0.6	7.7	8.6				12.0					F	
25	3.353	TL	RL	N	1.6		2.2	0.4	1.6		1.0	0.7	7.5										F	NO BASE
27	3.398	TL	LL	Y	1.7		1.8	0.5	1.7		0.7	0.5	6.9	5.5									F	
31	3.159	TL	LR	Y		1.0	3.3						4.3	8.5				12.0	2.1	C	II	M	F	LONG CRACKING
32	3.159	TL	LR	N		1.0	3.3						4.3	6.0				12.0					F	
33	3.095	TL	LR	Y		0.9	2.8				0.5		4.2	7.0				12.0					F	
36	2.787	TL	LR	Y		1.1	4.5						5.6	16.0				12.0					F	
37	2.765	TL	LL	N		1.0	3.5				0.8		5.3	6.0				12.0					P	
42	2.009	TL	LR	Y	1.8		2.4						4.2		5.8			12.0					F	
45	1.377	TL	LR	Y	1.6		2.4						4.0		4.0			12.0					F	
51	0.720	TL	LR	Y	1.5		2.5						4.0		6.3			12.0					F	
AVERAGE					1.60	1.00	3.70	0.45	1.43		0.98	0.65	5.92	7.95	5.54			12.00	2.30					
MAX					1.80	1.10	11.10	0.50	1.70		1.70	0.80	12.90	16.00	7.10			12.00	2.50					
MIN					1.30	0.90	1.80	0.40	1.00		0.50	0.50	4.00	5.50	4.00			12.00	2.10					
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	0.00	0.23	UNKW		0.18	0.16	UNKW	UNKW	0.08						

Notes:

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<u>Lane Designations - Decreasing MP</u> OL/IL - Outside/Inside Shoulder	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder	<u>Lane Type</u> ML - Mainline S - Shoulder	<u>Crack Type</u> A - Alligator	<u>Crack Rating</u> Class IB - Hairline cracks that are ≤ 1/8 inch wide	<u>Extent</u> L - Light	<u>Pavement Condition</u> G - Good
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County:	Pasco	SR No.:	39		Beg MP:	0.679	End MP:	3.448	Length:	2.769	Outside:	Paved
Overall Pavement Condition (from DMO field review):		Fair	Median Curbed (Y/N):	N	Paved X	Lawn	Other:	Curb & Gutter (Y/N):		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
					FC12.5	FC9.5	SP9.5	CRL	S	CRL	T1	WC		LR	ABC-2	RAP	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
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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				End MP:	3.448
				Length:	2.769
Overall Pavement Condition (from DMO field review):		Fair	Median Curbed (Y/N):	N	Paved X
			Lawn	Other:	
				Inside:	N/A
				Outside:	Paved
				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	FC9.5	SP9.5	CRL	S	CRL	T1		WC	LR	ABC-2	RAP		CONC	DEPTH (IN.)	TYPE	CLASS			EXTENT
5	0.834	S	OR	N	1.3		2.7					4.0			6.0		8.0					F	BASE FELL APART	
7	0.976	S	OR	N	1.2		3.8					5.0			5.5		12.0					F		
14	1.835	S	OR	N	1.8		1.2					3.0			5.0							F	BASE FELL APART	
17	2.222	S	OR	N	1.4		1.6					3.0			9.0							F	BASE FELL APART	
19	2.636	S	OR	N	1.8		3.9					5.7	19.0				12.0					F		
24	3.026	S	OR	N	1.3		2.7					4.0			6.3		12.0					F		
29	3.264	S	OL	N	1.5		2.0					3.5			3.9							F	BASE FELL APART	
35	2.837	S	OL	N	0.9		2.9					3.8	8.5				12.0					F		
39	2.428	S	OL	N	1.5		1.5					3.0			6.0		12.0					F	BASE FELL APART	
41	2.092	S	OL	N	1.0		1.5					2.5			6.5		12.0					F	BASE FELL APART	
48	1.171	S	OL	N	1.7		2.3					4.0			5.0		12.0					F	BASE FELL APART	
50	0.793	S	OL	N	2.3		1.6					3.9			5.1		12.0					F		
AVERAGE					1.48		2.31					3.78	13.75		5.83		11.56							
MAX					2.30		3.90					5.70	19.00		9.00		12.00							
MIN					0.90		1.20					2.50	8.50		3.90		8.00							
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	0.00	0.23	UNKW		0.18	0.16	UNKW	UNKW	0.08						

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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
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		End MP: 3.448
		Length: 2.769
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	Lawn	Other:
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		Outside: Paved
		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	FC9.5	SP9.5	CRL	S	CRL	T1	WC		LR	ABC-2	RAP	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	0.683	SS	NA	N	1.0		2.1		2.0				5.1	11.0				7.0					P	BAY AVE
2	0.695	SS	NA	N	1.1		2.5		2.6				6.2	8.0				12.0					P	BAY AVE
21	2.731	SS	NA	N		0.9	3.6						4.5		8.9			12.0	2.0	C	II	M	F	CHANCEY RD TOP OF CORE DELAMINATED
22	2.731	SS	NA	Y		1.0	2.4						3.4		7.6			12.0					F	CHANCEY RD
AVERAGE					1.05	0.95	2.65		2.30				4.80	9.50	8.25			10.75	2.00					
MAX					1.10	1.00	3.60		2.60				6.20	11.00	8.90			12.00	2.00					
MIN					1.00	0.90	2.10		2.00				3.40	8.00	7.60			7.00	2.00					
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	0.00	0.23	UNKW		0.18	0.16	UNKW	UNKW	0.08						

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LL/LR - Left/Right Turn Lane	RL/RR - Left/Right Turn Lane	CO - Crossover	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				