

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

Cored By: MADRID ENGINEERING GROUP

Coring Completion Date: 2/6/2023

Typical Section: _____

W.P.I. No.:		Name: SR 54		Lanes: 2	
Fin. Proj. ID: 447950-1		From: W OF FLINT DR		Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 14090000	To: US 301 / GALL BLVD		Inside: None
County: Pasco	SR No.: 54	Beg MP: 19.008	End MP: 20.316	Length: 1.308	Outside: Lawn
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y	Paved	Lawn: Y	Other:
					Curb & Gutter (Y/N): 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	
					FC12.5	FC9.5	SP12.5	SP9.5	T1	S	S2	T1	WC		LR	ABC-2	BRCK	CONC		DEPTH (IN.)	TYPE	CLASS	EXTENT			
1	19.047	ML	R1	Y	1.0			1.5				1.1	0.5	4.1	9.0						4.1	C	II	M	P	WIDENING CRACK, BASE HALF LR / HALF ABC.
2	19.128	S	OR	N	1.8			7.7						9.5	8.0					12.0					F	
3	19.154	TL	RL	N	1.3			1.3				1.9	0.7	5.2	8.0										F	
4	19.264	TL	RL	N	1.2			2.0				1.4	0.6	5.2	7.0										F	
5	19.874	ML	R1	Y	1.5			1.8						3.3	7.0					0.0	3.3	C	II	M	P	CULVERT BRIDGE DECK, >3' OF SAND UNDER LR.
6	19.895	ML	R1	N	1.6			1.6				1.2	0.7	5.1	6.0					0.0	1.8	C	II	M	P	BRANCH CRACKING, BOTTOM UP CRACK
7	19.941	TL	RL	N	1.4			3.4						4.8	14.0					0.0					F	
8	20.111	ML	R1	Y	1.5			5.6		2.2	1.6			10.9	8.0					0.0					F	
9	20.115	S	OR	Y	1.4			2.0			0.6	1.7		5.7			3.1			0.0					F	PARALLEL PARKING.
10	20.226	SS	NA	N		0.8				1.3		0.5		2.6	4.0					0.0					P	6TH ST SB
11	20.258	ML	R1	N	1.3			1.7						3.0			3.0			0.0	3.0	C	II	M	P	TRANSVERSE CRACKING
12	20.272	TL	RL	Y	1.6			2.5		1.3		0.6		6.0	11.0					0.0					F	
13	20.286	SS	NA	Y		0.9		1.3			1.2	0.4		3.8	8.0					0.0					F	US 301, SB LLTL ONTO SR 54
14	20.286	SS	NA	Y		1.2		1.4		2.2				4.8	7.0					0.0					F	US 301, SB L1
15	20.286	SS	NA	N		1.0		1.1			0.9	0.5		3.5	7.0					8.0	3.5	C	II	M	P	US 301, NB R1
16	20.286	SS	NA	N		0.8		1.6						2.4	6.0					10.0					F	US 301, NB RLTL ONTO SR 54
17	20.280	ML	L1	Y		1.0		0.7			0.4	1.2		3.3			2.9			0.0					F	
18	20.275	S	OL	N		1.2		1.6			1.6			4.4			3.2			0.0					F	PARALLEL PARKING. BOTTOM UP CRACK.
19	20.240	TL	LL	Y		1.0		2.0			1.1	0.8	0.6	5.5	13.0					0.0					P	
20	20.226	SS	NA	Y		1.0				0.6	1.4		0.5	3.5	6.0					0.0					P	6TH ST SB
21	19.973	TL	LR	N	1.6			2.9			1.8	0.9		7.2			3.0			0.0					F	
22	19.908	ML	L1	N	1.1			2.9			1.3	0.4	0.6	6.3	8.0					0.0	3.0	C	II	M	P	BRANCH CRACKING
23	19.392	S	OL	N	1.5			3.3						4.8		4.9				0.0					F	
24	19.349	TL	LL	N	1.2			1.9			0.9	0.7		4.7	7.0					0.0					F	
25	19.307	ML	L1	N	1.3			1.6			1.3			4.2	12.0					0.0	3.2	C	II	M	P	BRANCH CRACKING
26	19.296	TL	LL	N	1.3			1.6				1.1	0.6	4.6	8.0					0.0					F	
27	19.047	ML	R1	Y	1.3			1.2				1.7	0.5	4.7	9.0										P	WIDENING CRACK INTERIOR
28	19.047	ML	R1	N	1.3			1.7						3.0		7.0									P	WIDENING CRACK EXTERIOR
29	19.963	S	OR	N	1.2	3.8						1.4		6.4			3.0								F	
30	19.952	S	OR	N	1.6			3.5				0.2	0.7	6.0	UNK										F	
31	19.956	ML	R1	N	1.5			2.9		2.2				6.6			3.0				6.6	C	III	S	P	

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

Cored By: MADRID ENGINEERING GROUP

Coring Completion Date: 2/6/2023

Typical Section: _____

W.P.I. No.:				Name: SR 54				Lanes: 2					
Fin. Proj. ID: 447950-1				From: W OF FLINT DR				Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID: 14090000		To: US 301 / GALL BLVD				Inside: None					
County: Pasco		SR No.: 54		Beg MP: 19.008		End MP: 20.316		Length: 1.308		Outside: Lawn			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved		Lawn: Y		Other:		Curb & Gutter (Y/N): 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
					FC12.5	FC9.5	SP12.5	SP9.5	T1	S	S2	T1	WC	LR		ABC-2	BRCK	CONC	DEPTH (IN.)		TYPE	CLASS	EXTENT			
32	19.952	ML	R1	N	1.5			2.9	1.9	2.1			0.3	8.7			3.0									
33	19.950	ML	R1	N	1.5			2.5	1.6	1.2			0.7	7.5	UNK											
34	19.950	CO	CO	N	1.3			3.9						5.2				UNK								PHOTO TAKEN FROM R1 PERSPECTIVE
35	19.955	CO	CO	Y	1.3			2.5				1.7		5.5			3.0									RIGHT OF JOINT, PHOTO TAKEN FROM R1 PERSPECTIVE
36	19.947	CO	CO	N	1.5			2.5	1.0		1.5	0.9	0.6	8.0				UNK								RIGHT OF JOINT, PHOTO TAKEN FROM R1 PERSPECTIVE
37	19.951	CO	CO	N	1.7			4.8						6.5				UNK								RIGHT OF JOINT, PHOTO TAKEN FROM R1 PERSPECTIVE
38	20.311	ML	R1	N			1.6							1.6	UNK											
39	20.316	S	OR	N		0.4	1.4							1.8	UNK											ON STREET PARKING
40	20.316	ML	R1	Y		0.4	1.3							1.7	UNK											
41	20.310	ML	R1	Y		0.4	1.3							1.7	UNK											
42	20.306	TL	LL	Y		0.4	1.1							1.5	UNK											
43	20.306	ML	L1	Y		0.4	1.3							1.7	UNK											
44	20.306	TL	LR	Y		0.5	1.4							1.9	UNK											
45	19.954	ML	L1	Y	1.6			4.0	0.9		1.9			8.4			3.0									BOTTOM-UP CRACK
46	19.950	ML	L1	Y	1.6			3.2			1.6		0.9	7.3	UNK											
47	19.953	TL	LR	N	2.0			2.5			1.8		0.7	7.0			3.0									
48	19.950	TL	LR	N	2.0			2.8			1.0		0.7	6.5	UNK											
49	19.952	S	OL	N	2.0			2.4			2.1	0.2		6.7			3.0									EDGE OF MAINLINE
AVERAGE					1.47	0.95	1.34	2.52	1.35	1.60	1.43	1.12	0.60	4.99	8.24	5.95	3.02		1.30	3.56						
MAX					2.00	3.80	1.60	7.70	1.90	2.20	2.20	1.90	0.90	10.90	14.00	7.00	3.20		12.00	6.60						
MIN					1.00	0.40	1.10	0.70	0.90	0.60	0.40	0.20	0.30	1.50	4.00	4.90	2.90		0.00	1.80						
LAYER COEF.					0.25	0.25	0.25	0.25	0.23	0.25	0.25	0.23	UNKW		0.18	0.16	UNKW	UNKW	0.08							

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

Cored By: MADRID ENGINEERING GROUP

Coring Completion Date: 2/6/2023

Typical Section: _____

W.P.I. No.:		Name: SR 54		Lanes: 2	
Fin. Proj. ID: 447950-1		From: W OF FLINT DR		Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 14090000	To: US 301 / GALL BLVD		Inside: None
County: Pasco	SR No.: 54	Beg MP: 19.008	End MP: 20.316	Length: 1.308	Outside: Lawn
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): Y	Paved	Lawn: Y	Other:
					Curb & Gutter (Y/N): 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
					FC12.5	FC9.5	SP12.5	SP9.5	T1	S	S2	T1	WC	LR		ABC-2	BRCK	CONC	DEPTH (IN.)		TYPE	CLASS	EXTENT			

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.
- The cross slope is approximate and measured in the center of the lane.
- A blank cell indicates measurement was not recorded.
- 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	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	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	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor