

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

Cored By: H2R CORP

Date: 12/3/2020

Typical Section: 1

W.P.I. No.: CA685	Name: SR 52	Lanes: 2
Fin. Proj. ID: 439832-1	From: West of Storch Lane	Shoulder Type and Condition: Grass, good
F.A. Project No.:	To: US 98	Inside:
County: Pasco	SR No.: 52	Outside:
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): N	Curb & Gutter (Y/N):
	Paved Y	
	Lawn	
	Length: 8.069	
	Other:	

All Cores																											
CORE NO.	MILE POST ¹	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE					STABILIZED SUBGRADE ²	CRACK				PAVEMENT CONDITION	COMMENTS
					FC3	FC9.5	SP9.5	ARMI	S	T1	S2	BIND	SAHM	WC		LR	ABC-1	GRAV	RCA	BRCK		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	32.468	SS	R1	Y		1.2	2.7								3.9						12.0					G	17th Street, No base recovery, Separation at 3.75"
2	32.341	S	OR	N		1.1				2.9					4.0	11.0						4.0	A	II	S	F	
3	32.444	TL/CO	R1	N		1.5				0.8				0.4	2.7											F	Left turn onto 17th Street, no base
4	32.507	ML	R1	Y		0.9				1.1					2.0					3.0	10.0	2.0	C	II	S	P	On patch. Half core / core cracked, Separation 0.75"
5	32.530	SS	R1	N		0.8				0.7					1.5	11.5						1.5	C	III	S	P	16th Street
6	32.599	SS	R1	Y		0.9				0.6					1.5	6.5						1.5	C	III	S	P	15th Street, Separation at 0.85"
7	32.612	ML	R1	Y		1.3				1.5					2.8					3.0		2.8	A	I	M	F	
8	32.695	TL/CO	R1	N		1.4				1.2					2.6					3.0		2.6	A	I	M	F	Left turn onto 15th St
9	32.718	SS	R1	Y		1.2				3.0					4.2					3.0		4.2	A	I	M	P	14th Street
10	32.769	ML	R1	Y		0.8				2.4					3.2					3.0	8.8	3.2	A	I	M	P	
11	32.782	SS	R1	Y		0.9	0.7								1.6					3.0						G	13th Street
12	32.842	SS	R1	Y		0.4									0.4					3.0		0.4	A	I	L	F	12th Street
13	32.909	SS	R1	Y		1.4									1.4					3.0						G	11th Street
14	32.917	ML	R1	Y		0.9	0.6			2.4					3.9					3.0		3.9	A	II	M	F	
15	32.936	TL/CO	R1	Y		1.3				2.2					3.5					3.0						F	Left turn onto 10th Street
16	32.973	SS	R1	N		1.0									1.0					3.0						G	10th Street
17	33.036	SS	R1	N		1.1					1.0				2.1	8.5					10.0					G	9th Street
18	33.054	SS	R1	N			3.2								3.2	7.3										G	8th Street
19	33.093	TL/CO	R1	Y		1.2				4.3					5.5	10.0						5.5	A	II	M	F	Left turn onto 7th Street
20	25.389	ML	R1	Y		1.1	4.2					3.4		0.6	9.3			6.3				3.3	A	II	M	F	Base crack, Separation at 6.5"
21	25.610	ML	R1	N		1.0	5.2	0.4			1.1			0.7	8.4	10.0										P	
22	25.841	SS	R1	N		0.8	3.2								4.0	6.3										F	San Ann self storage ENTR
23	25.965	S	OR	N		1.6	3.0								4.6		2.0				20.0					G	
24	26.384	SS	R1	N		0.7	1.9			2.3					4.9	4.3										F	Oak St
25	26.443	SS	R1	N		1.2						2.0			3.2	10.0										F	Elm St, clay road base
26	26.517	SS	R1	N		1.0	2.9								3.9	3.0										F	Orange St
27	26.614	TL/CO	R1	N		1.1	1.8			1.0		1.6		0.6	6.1	7.5										G	Left turn onto Curley St, bottom up cracking
28	26.634	SS	R1	N		0.5	1.1			1.2	1.4			0.7	4.9	5.5						4.9	C	III	S	P	Curley St SB lane L1. base crack
29	26.789	SS	R1	N		0.9				8.7					9.6											P	Schambeau Rd, clay road base 27.8 inches

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County: Pasco	SR No.: 52	Outside:
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	Lawn	Other:
		Curb & Gutter (Y/N):

All Cores																												
CORE NO.	MILE POST ¹	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE					STABILIZED SUBGRADE ²	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC3	FC9.5	SP9.5	ARMI	S	T1	S2	BIND	SAHM	WC		LR	ABC-1	GRAV	RCA	BRCK		DEPTH (IN.)	TYPE	CLASS	EXTENT			
30	26.842	ML	R1	Y		1.1	4.9	0.5				1.6			0.6	8.7	8.3										G	
31	27.040	TL/CO	R1	Y		0.9	0.8		2.3						4.0		5.0										G	Right turn at College Ave continuing on SR 52
32	27.159	SS	R1	N		1.7									1.7	20.3							1.7	A	II	M	F	Lemon St, base crack
33	27.244	SS	R1	N		1.6									1.6	23.3											F	Fire Lane
34	27.329	SS	R1	N		0.7			0.8				0.5		2.0												G	Wichers Rd, clay road base 4 inches
35	27.365	TL/CO	CO	Y		1.1	0.9		2.7		0.8			0.7	6.2	11.8											G	Crossover at St Leo University ENTR
36	27.551	ML	R1	Y		1.3	2.4	0.5			1.4			0.7	6.3	11.8							6.3	A	III	M	F	
37	27.731	ML	R1	Y		0.9	2.4								3.3	14.8							3.3	A	I	L	P	Limerock base pumping, base crack
38	27.759	SS	R1	N		1.4	2.2								3.6	14.8											G	The Abbey Course ENTR
39	27.770	TL/CO	CO	N		1.9	2.6								4.5	14.5											G	Crossover at The Abbey Course
40	27.840	TL/CO	R1	N		1.5	2.5								4.0	14.0											G	Left turn into St Leo University
41	27.871	TL/CO	CO	N			3.3								3.3	16.3											G	Crossover at St Leo University
42	27.894	ML	R1	Y		1.1	2.1								3.2	14.3											P	Pumping
43	28.343	ML	R1	Y		1.1	2.9	0.5			1.7				6.2		1.0						2.9	A	III	S	P	On bridge, Cracking
44	28.349	S	OR	N		1.4	2.0								3.4		0.6					11.3					F	Shoulder of bridge
45	28.557	TL/CO	R1	N		1.1	3.6				1.7			0.7	7.1	7.8						9.0					G	Left turn onto Lake Jovita Blvd
46	28.607	TL/CO	CO	N		1.2	1.3		1.6		2.6			0.7	7.4	4.5											G	Crossover at Lake Jovita Blvd. Raveling w/Delamination
47	28.658	SS	R1	N		1.0	5.9								6.9	7.8											G	St Leo Town Hall ENTR
48	28.730	SS	R1	N		1.1	0.9							2.3	4.3	4.8							4.3	A	III	S	G	Shakespeare Trail
49	28.778	TL/CO	R1	N		1.2	2.2			0.8	2.3			0.7	7.2	7.5											G	Left turn onto Eastpointe Drive, bottom up cracking
50	28.813	TL/CO	CO	N		1.0	2.3			0.9	2.0			0.7	6.9	6.5											G	Crossover at Eastpointe Drive
51	29.017	TL/CO	R1	Y		0.9	4.1								5.0	8.5											F	Right turn onto Prospect Rd/Happy Hill Rd
52	29.059	TL/CO	R1	N		0.9	2.7				1.1			0.7	5.4	8.5											F	Left turn onto Prospect Rd/Happy Hill Rd
53	29.098	SS	R1	N		1.3	7.5								8.8	16.0											G	NB Prospect Rd/Happy Hill Rd R1
54	29.277	S	OR	N		1.5	3.5								5.0		2.7										F	
55	29.499	SS	R1	N		1.3									1.3	7.3											F	NB Lake Ray DR R1
56	30.049	SS	L1	N		0.8	1.0								1.8		5.0										F	Smith Rd; Limerock gravel base
57	29.878	SS	L1	N		1.4	3.6								5.0	11.3											P	Hobbs Rd
58	29.833	ML	L1	N		1.3	3.1	0.5			0.7			0.7	6.3	6.5						13.3					F	

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	Paved Y	
	Lawn	
	Length: 8.069	Other:

All Cores																											
CORE NO.	MILE POST ¹	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE					STABILIZED SUBGRADE ²	CRACK				PAVEMENT CONDITION	COMMENTS
					FC3	FC9.5	SP9.5	ARMI	S	T1	S2	BIND	SAHM	WC		LR	ABC-1	GRAV	RCA	BRCK		DEPTH (IN.)	TYPE	CLASS	EXTENT		
59	29.758	SS	L1	N		1.3	4.5					1.7				7.5	10.3									F	Rod & Gun Club ENTR, Separation 5.5"
60	29.689	S	OL	N		1.5	2.3								3.8		4.1				13.0					F	
61	29.598	SS	L1	Y		1.5				3.8					5.3		4.1				6.0					P	Roth Lane/ Janke Drive, Separation at 4.25"
62	29.439	ML	L1	Y		1.1	2.9	0.5						1.9	6.4	6.5					2.2	A	III	S	P	Cracking	
63	29.339	ML	L1	N		1.2	2.3	0.5						0.8	4.8	8.0					17.0	2.0	A	III	S	P	Cracking
64															0.0												No core 64 taken for this job - Omit
65	28.988	ML	L1	N		1.0	6.3								7.3	15.5										P	
66	28.955	ML	L1	Y		1.2	5.8								7.0	10.0							A	II	M	P	Separation at 4.25"
67	28.863	ML	L1	Y		1.0	2.9	0.3						0.5	4.7	8.3					19.0	4.7	C	III	S	P	High clay content in Subgrade
68	28.844	TL/CO	L1	N		1.5	4.0								5.5	16.5										F	Right turn onto Eastpointe Drive
69	28.813	SS	L1	N		1.3	4.1								5.4	12.8										G	Eastpointe Drive
70	28.640	TL/CO	L1	Y		1.0	3.8								4.8	16.3										F	Right turn onto Lake Jovita Drive
71	28.607	SS	L1	N		1.4	3.1								4.5	29.5										F	Lake Jovita Drive
72	28.410	ML	L1	Y		1.1	1.9					3.7		0.6	7.3	8.0						2.3	C	III	S	P	Base made of orange sandy weathered limerock
73	28.337	S	OL	N		1.4	1.4								2.8		1.6				17.5					F	Shoulder on bridge
74	28.329	ML	L1	Y		1.3	3.3	0.5				2.4		0.5	8.0	6.8					4.5	4.7	A	II	M	P	On bridge
75	28.251	ML	L1	Y		1.3	2.9	0.6				0.6		0.6	6.0	7.0					9.0	3.8	C	III	S	P	
76	27.972	SS	R1	N		1.0	2.6								3.6	10.0										P	Campus Drive
77	27.891	TL/CO	R1	N			3.8								3.8	12.0										G	Right turn onto Palm Blvd / St Leo Univ ENTR
78	27.874	SS	L1	N		1.2	3.4								4.6	6.3										G	Palm Blvd / St Leo Univ ENTR
79	27.823	ML	L1	Y		1.1	3.0								4.1	10.5										G	Core sample on patch.
80	27.369	SS	L1	N		1.5									1.5	7.5										G	Priory Cir
81	27.075	SS	L1	N		1.1	2.5								3.6	9.3										G	Pompanic ST
82	27.078	SS	L1	N		1.0	1.4							0.5	2.9	2.0										G	College AVE
83	27.006	ML	L1	N		1.4	3.7	0.4				0.5		0.5	6.5	9.5					20.0					G	
84	26.803	SS	L1	Y		1.0	3.4					1.1			5.5	6.0					16.0					F	Joe Herman Drive
85	26.717	SS	L1	N		0.9									0.9	5.0						0.9	A	III	M	F	Main Sreet, Clayey sand subgrade material
86	26.668	TL/CO	L1	Y		1.0	2.3			0.9	3.1			0.4	7.7	5.3					29.0					P	Left turn onto Curley St
87	26.567	SS	L1	N		0.8	2.1								2.9	12.0						2.9	A	III	M	P	Magnolia Street, Clay in road base

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	Paved Y	
	Lawn	
	Length: 8.069	
	Other:	

All Cores																												
CORE NO.	MILE POST ¹	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE					STABILIZED SUBGRADE ²	CRACK				PAVEMENT CONDITION	COMMENTS	
					FC3	FC9.5	SP9.5	ARMI	S	T1	S2	BIND	SAHM	WC		LR	ABC-1	GRAV	RCA	BRCK		DEPTH (IN.)	TYPE	CLASS	EXTENT			
88	26.274	ML	L1	Y		1.2	4.3	0.5			0.4			0.6	7.0	6.0							3.8	A	III	S	P	Separation at 6.0"
89	26.114	SS	L1	Y		1.1	4.2							5.3	17.3											F	Palm Street	
90	26.016	SS	L1	N		1.4	1.7							3.1	16.0											F	San Angela Drive	
91	25.886	ML	L1	N		1.1	4.2	0.5			1.4			7.8	7.5											G		
92	25.870	S	OL	N		1.2	2.7							3.9		1.9						9.3				G		
93	25.438	SS	L1	N		0.5	3.8		1.0					5.3	9.3											P	Storch Lane	
94	25.356	ML	L1	N		1.4	3.9	0.5	5.0		3.5			14.3	5.0							23.0				P	LWP long crack with limerock pumping, Separation 1.75"	
95	33.129	SS	R1	Y		1.2	0.9		1.4				0.4	3.9	11.5								3.9	A	III	S	P	7th street
96	33.161	S	OR	N		1.4			2.1	0.4	1.6			5.5	10.5								5.4	A	III	S	P	Street parking
97	33.180	SS	R1	N		1.0	0.5							1.5	7.5							7.0				G	6th Street	
98	33.182	ML	R1	Y		1.0			1.5					2.5	8.3								1.4	C	III	S	P	Slippage/cracking
99	33.221	SS	R1	Y		0.9	1.3						1.8	4.0						3.0			4.0	A	III	S	P	5th Street
100	33.238	ML	R1	N		2.0					2.0			4.0	9.5							8.5				P	Slippage with Delamination, Separation at 2"	
101	33.241	S	OR	N		1.2			0.8					2.0	8.0							10.5				F	Street parking	
102	33.356	SS	R1	N		1.0	0.6							1.6				10.0								G	3rd St, Crushed concrete base	
103	33.361	TL/CO	R1	N		1.1			1.9					3.0	8.5											F	Older pavement at transition, with core 121	
104	33.385	TL/CO	R1	N		1.0	0.7							1.7	7.8											F	Left turn onto US 98 North	
105	33.316	ML	L1	N		1.2	0.5				1.7			3.4	8.5											F	Older pavement at transition, with core 106	
106	33.308	ML	L1	N			2.0		1.7					3.7	8.3											G	Newer pavement at transition, with core 105	
107														0.0														No core 107 taken for this job - Omit
108	33.326	ML	L1	N		1.6	1.9							3.5	6.0											P	Adjacent to slippage, low fines in limerock base, Separation at 1.5"	
109	33.272	SS	L1	N		1.1	0.8					1.7	0.9	4.5	4.5								4.5	A	III	M	P	4th Street
110	33.201	S	OL	N		1.0	0.8				2.6	1.6	1.7	7.7	5.3											F	Street parking, Separation at 4.5"	
111	33.158	S	OL	N		1.5					1.1	1.4	1.5	5.5	3.0							6.0	5.5	A	II	S	P	Street parking
112	33.152	TL/CO	L1	N		1.3	1.3		1.6					4.2	9.3											P	Left turn onto 7th Street	
113	33.115	ML	L1	N		1.2	1.2		2.0					4.4	8.0							26.0	4.4	C	III	S	P	On crack
114	33.076	ML	L1	N		1.4			3.4			0.9		5.7	6.0								5.7	C	III	S	P	Left Edge, on crack
115	33.012	S	OL	N		1.0	0.7				1.3			3.3	8.0											G		
116	32.958	ML	L1	N		1.3	2.7							4.0	7.3											P	On patch	

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	Beg MP: 25.334	Other:
		Curb & Gutter (Y/N):

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117	32.748	TL/CO	L1	N		1.2				1.5										2.7								F	Left turn onto 14th Street	
118	32.648	ML	L1	N		1.4				2.2										3.6								P		
119	32.631	S	OL	N		1.3				1.8										3.1			26.0					F		
120	32.489	TL/CO	L1	N		1.5	0.8			1.4										3.7								F	Left turn onto 17th Street	
121	33.355	TL/CO	R1	N		1.5				1.5										3.0	8.0							F	Newer pavement at transition, with core 103	
122	33.325	ML	L1	N		1.5	2.0													3.5	9.0			11.5	1.5	A	III	S	P	Centered on slippage, Separation 1.5"
AVERAGE						1.30	1.17	2.64	0.48	2.12	0.90	1.76	1.40	1.15	0.74	4.38	9.50	2.56	5.63	10.00	3.35	13.68	3.38							
MAX						1.30	2.00	7.50	0.60	8.70	1.40	3.70	1.70	2.30	14.30	29.50	5.00	6.25	10.00	9.00	29.00	6.25								
MIN						1.30	0.40	0.50	0.30	0.60	0.40	0.40	0.90	0.50	0.00	2.00	0.60	5.00	10.00	2.90	4.50	0.40								
LAYER COEF.						0.17	0.25	0.25	0.00	0.25	0.23	0.25	0.20	0.11	0.00	0.18	0.14	UNKW	0.18	UNKW	0.08									

- Notes:
- Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).
 - Stabilization thickness was checked on 10% of the coring locations. For pavement design assume 12 inches of thickness for stabilization.
 - The cross slope is measured in the center of the lane.
 - A blank cell indicates measurement was not recorded.

<u>Lane Designations</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>	<u>Lane Type</u>
OL - Outside Left Shoulder L1 - 1st Lane Left of Centerline	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	L - Light M - Moderate S - Severe	G - Good F - Fair P - Poor	S - Shoulder SS - Side Street
OR - Outside Right Shoulder R1 - 1st Lane Right of Centerline				