

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

Cored By: Madrid

Coring Completion Date: 8/13/2021

Typical Section:

W.P.I. No.:		Name:	SR 659 (Combee Road)			Lanes:	2
Fin. Proj. ID:	440274-2	From:	US Highway 98			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	16006000			To: North Crystal Lake Drive	
County:	Polk	SR No.:	659			Beg MP: 0.000 End MP: 1.360 Length: 1.360	
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N):	Paved	Lawn	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	
					FC3	FC12.5	FC9.5	S	T1	S						LR		ABC-1	RAP	DEPTH (IN.)	TYPE			CLASS
1	1.342	ML	R1	N		1.6		0.9	2.1	1.0				5.6	9.0				5.6	B	II	M	P	Base crack
2	1.331	TL	RL	Y		2.0			2.0	1.1				5.1	8.0				3.1	C	II	M	P	Friction course seperated
3	1.323	ML	R1	Y		1.7		0.9	2.1	1.1				5.8	7.5				2.0	C	III	S	P	
4	1.310	S	OR	N		1.5		1.7						3.2		3.3							F	
5	1.280	TL	LL	N		1.2		1.2	2.8	1.1				6.3	7.0				1.2	C	III	S	P	Friction course seperated
6	1.113	S	OL	N		1.3		2.8						4.1		3.4		12.0					F	
7	1.193	TL	RR	N		1.9		0.9						2.8	10.0								F	
8	1.116	ML	R1	N		1.5		1.2						2.7	12.0				2.7	C	III	S	P	Base crack
9	1.053	TL	RL	N		1.5		1.1	1.5	0.9				5.0	6.0								F	Bottom-up cracking, Base crack
10	0.978	ML	R1	Y		1.3		1.4						2.7	9.0				2.7	A	III	S	P	Base crack
11	0.907	ML	L1	Y		1.1		1.4						2.5	8.0				2.5	C	III	S	P	Base crack
12	0.737	ML	L1	Y		1.2		2.3						3.5	6.0				3.5	C	III	S	P	
13	0.621	TL	LL	Y		1.3		2.0						3.3	7.0								F	
14	0.573	S	OR	N		1.0		0.7						1.7		2.7							F	
15	0.571	TL	RL	N		1.1		2.6						3.7	6.0				3.7	C	IB	L	P	Base crack
16	0.534	S	OL	N		1.2		2.0						3.2		4.0							F	
17	0.505	ML	L1	Y		0.8		1.1						1.9	5.5				1.9	A	III	S	P	
18	0.502	ML	R1	Y		1.6		2.8						4.4	8.0				4.4	B	III	S	P	
19	0.372	ML	L1	N		0.6		2.2						2.8	5.5				2.8	A	II	M	P	
20	0.284	TL	RL	Y		1.0		1.2	1.6	1.0				4.8	7.0				4.8	B	II	M	P	Base crack
21	0.229	ML	R1	Y		1.2		3.7						4.9	8.0				4.9	B	III	S	P	
22	0.224	S	OL	N		1.7		1.9						3.6		4.0							F	
23	0.195	S	OR	N		1.5		2.0						3.5		3.4		10.0					F	
24	0.194	ML	L1	N		1.2		4.2						5.4	8.0				5.4	C	II	M	P	
25	0.077	TL	LL	N		1.1		4.3						5.4	7.0			15.0	2.8	C	II	M	P	
26	0.044	ML	R1	Y		1.2		2.1						3.3	9.0				3.3	C	II	M	P	
27	0.023	ML	L1	N		0.7		3.4						4.1	3.5				4.1	C	III	M	P	Railroad rock encountered below base
28	1.223	SS	RR	N	0.8				1.3	0.9				3.0	8.0				3.0	C	II	M	P	Skyview Dr
29	1.121	SS	R1	N	1.5			3.1						4.6	10.0								P	Royal Dr

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

Cored By: Madrid

Coring Completion Date: 8/13/2021

Typical Section: _____

W.P.I. No.:		Name:	SR 659 (Combee Road)			Lanes:	2
Fin. Proj. ID:	440274-2	From:	US Highway 98			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	16006000			To: North Crystal Lake Drive	
County:	Polk	SR No.:	659			Beg MP: 0.000 End MP: 1.360 Length: 1.360	
Overall Pavement Condition (from DMO field review):				Fair		Curb & Gutter (Y/N): N	
				Median Curbed (Y/N):		Paved Lawn Other:	

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
					FC3	FC12.5	FC9.5	S	T1	S						LR	ABC-1	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT		
30	1.091	SS	L1	Y	1.3			3.5	4.9					9.7	5.5							F	South Crystal Lake Dr		
31	1.069	SS	R1	Y	1.2			2.1						3.3	6.0							P	Industrial Park		
32	0.951	SS	L1	Y	1.3			3.0	2.1					6.4	9.0							P	Kiwanis Ave		
33	0.869	SS	R1	N			0.8	0.3						1.1	10.0							F			
34	0.791	SS	L1	N	1.1			1.8						2.9	9.0							F	Exchange Ave		
35	0.742	SS	L1	Y	0.9			0.4						1.3	7.0				1.3	C	II	M	P	Civitan Ave	
36	0.593	SS	L1	N	1.6			3.4						5.0	11.0								F	Commerce Point Dr	
37	0.513	SS	R1	Y	1.2			1.9						3.1	9.0								F	Mine and Mill Rd	
38	0.298	SS	R1	Y	1.2			5.7						6.9	9.0								F	McJunkin Rd, Bottom-up cracking	
39	0.220	SS	RR	Y		1.5		1.5						3.0	9.0								F	Maine Ave	
40	0.172	SS	L1	Y	1.0			3.9						4.9	7.0								F	Lyonal Dr	
41	0.154	SS	R1	Y	1.3			2.2						3.5	6.0								F	Ellis Ave	
42	0.091	SS	R1	Y	1.1			1.4						2.5	6.0								F	Fletcher Ave	
AVERAGE					1.19	1.30	0.80	2.16	2.27	1.01				3.96	7.74	3.00	3.70		12.33	3.29					
MAX					1.60	2.00	0.80	5.70	4.90	1.10				9.70	12.00	3.30	4.00		15.00	5.60					
MIN					0.80	0.60	0.80	0.30	1.30	0.90				1.10	3.50	2.70	3.40		10.00	1.20					
LAYER COEF.					0.17	0.25	0.25	0.25	0.23	0.25					0.18	0.14	UNKW		0.08						

Notes:

1. 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.
2. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
3. Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
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> OL/IL - Outside/Inside Shoulder L1 - 1st Lane Left of Centerline	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline	<u>Lane Type</u> ML - Mainline TL - Turn Lane	<u>Lane Type</u> S - Shoulder SS - Side Street	<u>Crack Type</u> A - Alligator B - Block	<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	<u>Extent</u> L - Light M - Moderate	<u>Pavement Condition</u> G - Good F - Fair
---	--	---	--	---	--	--	---

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

Cored By: Madrid

Coring Completion Date: 8/13/2021

Typical Section: _____

W.P.I. No.:		Name:	SR 659 (Combee Road)			Lanes:	2
Fin. Proj. ID:	440274-2	From:	US Highway 98			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	16006000			To: North Crystal Lake Drive	
County:	Polk	SR No.:	659			Beg MP: 0.000 End MP: 1.360 Length: 1.360	
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved	Lawn
				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
					FC3	FC12.5	FC9.5	S	T1	S						LR	ABC-1	RAP			DEPTH (IN.)	TYPE	CLASS	EXTENT		
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								