STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: RCS | Coring Completion Date: 9/17/2021 | Typical Section: 16050000

W.P.I. No.:				Name:	SR 600 (US 17)							Lanes:	2 lane road						
Fin. Proj. ID:				From:	N of Buff Avenue							Shoulder Type and Condition: Paved - Fair condition							
F.A. Project No.:	447433-1	Roadway ID:	16050000	To:	South Boulevard W							Inside:	None						
County:	Polk	SR No.:	600 (US 17)	Beg MP:	1.153		End MP:	3.300	Length:	2.147		Outside:	Paved						
Overall Pavement Condition (from DMO field review):	Fair			Median Curbed (Y/N):	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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) [4]	COMMENTS
					FC3	FC9.5	SP9.5	S	ARMI	WC						ABC-2	CONC	RAP	LR		DEPTH (IN.)	TYPE	CLASS	EXTENT					
1	1.775	SS	R1	Y	1.0			1.0							2.0			4.5		12.1					F				Mckeown Avenue
2	1.195	ML	R1	Y		1.2	0.9	1.2							3.3		6.8				3.3	C	III	S	P				LWP Crack Basecrack
3	1.195	S	OR	N		1.0	1.0								2.0			5.3			2.0	C	III	M	F				
4	1.238	SS	R1	N	0.9										0.9	0.7									F				18th Street North
5	1.543	SS	L1	N	1.3										1.3			5.2							F				Smith Street
6	1.798	SS	R1	N	1.3										1.3	1.4									P				Shamrock Drive
7	2.036	ML	R1	Y		1.4	1.3	0.8							3.5		8.8				3.6	C	III	S	P				Core LWP Crack
8	2.498	ML	R1	N		1.4	1.9	0.9							4.2		6.8			13.0	4.1	C	III	S	P				
9	2.498	S	OR	N		1.0	1.0								2.0			5.4			2.0	C	II	S	P				
10	2.798	SS	L1	N	1.0										1.0	0.8					1.0	C	II	M	P				Mystery Lane Road Basecrack
11	2.839	ML	R1	N		1.2	0.8	1.5	0.6						4.1		7.0				4.2	C	III	M	P				Base Crack
12	3.157	ML	R1	Y		1.4	0.6	1.1	0.5						3.6		6.9				3.6	C	III	S	P				LWP Base Crack
13	3.157	S	OR	N		0.8	0.9								1.7			6.2			1.7	C	Ib	L	F				
14	3.157	ML	L1	N		1.3	1.0	1.5	0.5						4.3		6.8				4.3	C	III	S	P				Base Crack
15	3.157	S	OL	N		1.4									1.4			4.7			1.4	C	II	M	F				3" Rap broke - Base Crumbled
16	2.833	ML	L1	Y		1.3	0.9	1.1	0.7						4.0		6.9			12.5	4.0	C	III	S	P				Core Crack on LWP - Base Crack
17	2.396	ML	L1	Y		1.3	0.8	1.1	0.4						3.6		6.9				3.6	C	III	S	P				Base Crack
18	2.396	S	OL	N		1.0	1.0								2.0			6.5							F				
19	2.069	TL	LR	N		1.4	1.8								3.2	8.1									F				LRTL (1st)
20	2.047	SS	L1	N		1.3	0.6								1.9	8.6									G				Bates Road
21	1.494	ML	L1	Y		1.0	1.1	0.9	0.5	0.4					3.9		8.5			12.0	3.9	C	III	M	P				Core RWP Crack
22	1.473	SS	L1	Y	1.0			3.0							4.0				7.0		4.0	C	III	M	P				12th Street Base Crack
23	1.442	SS	R1	N	1.0			2.9							3.9				9.3						F				Lee Jackson Hwy
24	1.221	ML	L1	Y		1.4		1.1	0.5						3.0		7.1				3.0	C	III	M	P				
25	1.221	S	OL	N		1.8									1.8			6.5							F				
26	2.029	TL	RL	N		1.0	1.2	1.9							4.1		6.6				4.2	C	III	S	P				Base Crack - RLTL (1st)
27	2.080	ML	L1	Y		1.3	1.0	1.1	0.4						3.8		7.3				3.9	C	III	S	P				Base Crack
28	2.067	ML	L1	N		1.0	1.1	1.3	0.3	0.3					4.0		8.9				4.1	C	III	S	P				Base Concrete Joint
AVERAGE					***1.07***	***1.23***	***1.05***	***1.40***	***0.49***	***0.35***					***2.85***	***3.92***	***7.33***	***5.54***	***8.15***	***12.40***	***3.26***								
MAX					***1.30***	***1.80***	***1.90***	***3.00***	***0.70***	***0.40***					***4.30***	***8.60***	***8.90***	***6.50***	***9.30***	***13.00***	***4.30***								
MIN					***0.90***	***0.80***	***0.60***	***0.80***	***0.30***	***0.30***					***0.90***	***0.70***	***6.60***	***4.50***	***7.00***	***12.00***	***1.00***								
LAYER COEF.					***0.17***	***0.25***	***0.25***	***0.25***	***0.00***	***UNKW***						***0.16***	***UNKW***	***UNKW***	***0.18***	***0.08***									

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Overall Pavement Condition (from DMO field review):	Fair			Median Curbed (Y/N):	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	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) [4]	COMMENTS
					FC3	FC9.5	SP9.5	S	ARMI	WC						ABC-2	CONC	RAP	LR		DEPTH (IN.)	TYPE	CLASS	EXTENT				

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.

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
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