STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Roberts Consulting Services | Coring Completion Date: 1/5/2022 | Typical Section: 16020000

W.P.I. No.:					Name:	SR 600 (US 92)								Lanes:	4 Lanes - 2 lanes each direction				
Fin. Proj. ID:	447429-1				From:	E Valley Pike								Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID:	16020000		To:	Lake Alfread Road								Inside:	No Shoulder				
County:	Polk	SR No.:	600		Beg MP:	11.944		End MP:	14.349		Length:	2.405		Outside:	Paved 4 feet shoulder				
Overall Pavement Condition (from DMO field review):		Fair			Median Curbed (Y/N):	N	Paved		Lawn - X		Other:			Curb & Gutter (Y/N):	Y				

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	FC5	FC9.5	SP9.5	S	S2	S	T1	BIND	WC		LR	ABC-2	CONC	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT					
1	11.950	SS	L1	Y		0.9		1.3		0.5			2.3		5.0	10.0									G				Jersey Road
2	12.079	ML	R2	Y		0.8		1.0		1.9			1.3		5.0	9.3				12.0	5.0	C	II	L	F				
3	12.079	S	OR			0.8		1.0	1.2						3.0	4.5									F				
4	12.148	SS	L1	Y	0.4							0.6			1.0	4.0					1.0	C	III	M	P				Palm Lane Drive
5	12.177	SS	R1	Y	0.7				0.6			0.7			2.0	3.5					2.0	C	III	M	P				Palm Lane Drive
6	12.204	SS	R1	Y	0.7				1.9			0.4			3.0	2.5					3.0	C	III	S	P				Bass Circle
7	12.260	SS	R1	Y	0.6				3.4					0.5	4.5						4.5	C	III	M	P				Bream Street - No Base Clayey Sand Subgrade
8	12.232	SS	R1	Y	0.4				0.8						1.2	6.6									F				Perch Street
9	12.282	SS	R1	Y			0.9		3.5						4.4						4.4	C	III	S	P				Catfish Lane - No Base Clayey Sand Subgrade
10	12.316	SS	R1	Y			0.9	1.0							1.9	8.6									G				Seaplane Base
11	12.890	TL	RR	N		0.9			1.5						2.4	9.6				10.0					G				RRTL to Airport
12	12.922	SS	L1	Y		1.3			1.9						3.2	11.3									F				Winter Haven Regional Airport
13	13.123	SS	L1	Y			0.8	2.3							3.1	17.0									G				Winter Haven Regional Airport
14	13.466	TL	RR	N		0.7		1.0				1.1			2.8	8.2									F				RRTL to 21st NW
15	13.496	SS	L1	N		0.6	0.6		2.8						4.0	9.1					2.7	C	Ib	L	F				21st street NW
16	13.578	ML	R2	Y		0.5		0.9	1.6				0.7		3.7	8.9					3.7	C	III	S	P				
17	13.679	ML	R2	Y		0.8		1.1		0.6			1.0		3.5	7.5					3.5	C	III	S	P				
18	13.710	ML	R2	Y		0.7		1.0	1.0				1.0		3.7	7.7				11.5	3.7	C	III	M	P				
19	13.710	S	OR	Y		0.7		0.7	0.6						2.0	6.3									F				
20	14.149	ML	R2	Y		0.9		1.3		1.1			1.0		4.3	10.4					4.3	C	III	L	F				
21	14.149	S	OR			0.8		1.3							2.1	6.7									F				
22	14.258	TL	RR	N		0.9		0.9	0.6						2.4	10.8					2.4	C	Ib	L	F				RRTL to dealership
23	14.237	SS	R1	Y		1.1		0.9	0.9				1.6		4.5	8.5									F				Lock Street
24	14.198	ML	L2	Y		0.7		1.2		1.2			1.7		4.8	7.9				12.0					F				Bottom Up Crack
25	14.160	ML	L2	Y		0.8		1.1	1.0				2.1		5.0	11.4									F				
26	14.160	S	OL			1.0			0.9						1.9	3.0									F				Bottom Up Crack
27	13.867	ML	L2	Y		1.0		0.7		0.7			0.6		3.0	7.8					3.0	C	III	M	P				
28	13.599	ML	L2	N		0.9		0.9	3.8			1.4			7.0			6.0			7.0	C	III	M	P				Buttom Up Crack/ 2 layers of WC - .6 and 1.4 inches
29	13.599	S	OL			1.1			1.1						2.2	6.3				11.0					F				
30	13.408	SS	R1	N		1.2			1.6						2.8	10.9									F				
31	13.128	SS	R1	Y		1.1		1.1		1.3					3.5				6.0						F				Lynchburg Road - No Base Clayey Sand Subgrade
32	12.631	SS	L1	Y			1.0		2.6						3.6	6.2									F				Lychee Drive

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Roberts Consulting Services | Coring Completion Date: 1/5/2022 | Typical Section: 16020000

W.P.I. No.:					Name:	SR 600 (US 92)							Lanes:	4 Lanes - 2 lanes each direction					
Fin. Proj. ID:	447429-1				From:	E Valley Pike							Shoulder Type and Condition:						
F.A. Project No.:		Roadway ID:	16020000		To:	Lake Alfread Road							Inside:	No Shoulder					
County:	Polk	SR No.:	600		Beg MP:	11.944		End MP:	14.349	Length:	2.405		Outside:	Paved 4 feet shoulder					
Overall Pavement Condition (from DMO field review):		Fair			Median Curbed (Y/N):	N	Paved		Lawn - X		Other:		Curb & Gutter (Y/N):	Y					

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	FC5	FC9.5	SP9.5	S	S2	S	T1	BIND	WC		LR	ABC-2	CONC	RAP		DEPTH (IN.)	TYPE	CLASS	EXTENT					
33	12.540	SS	R1	Y		1.4		1.4				1.2			4.0		2.0								F				Lake Mariana - No Base Clayey Sand Subgrade
34	12.510	ML	L2	Y		0.9		1.1	1.7			1.5			5.2			9.3			5.2	C	III	S	P				2 layers of WC - .9 and .5 inches
35	12.472	SS	R1	Y		1.6									1.6		1.3			7.5					F				Oak Drive
36	12.343	SS	R1	Y		1.0		0.7	1.3						3.0		1.3			9.0					F				Palmetto Drive
37	12.408	SS	L1	Y		1.2		0.9	0.5						2.6		1.6			11.8					F				Pickney Drive
38	11.994	TL	LR	Y		1.0		3.0							4.0	12.0									F				LRTL o Aarons Store - Cored on Pavement Joint
39	11.954	CO	CO	Y			0.9		2.0				1.6		4.5	10.0									F				
40	12.309	TL	RL	Y		1.0	1.0			0.6			2.7		5.3	10.7									F				RLTL to Palmetto Dr
41	12.339	CO	CO	Y			1.2		1.5				2.5		5.2	9.1					5.2	C	III	S	F				Full Depth/Base Crack
42	12.442	TL	RL	Y		0.7		1.2	1.3				2.3		5.5	11.0									F				RLTL to Oak Drive
43	12.465	CO	CO	Y			1.1		1.9				2.5		5.5	9.6					5.5	C	III	M	P				Full Depth/Base Crack
44	12.731	CO	CO	Y			1.0		1.1	1.3			3.4		6.8	9.7									F				
45	12.797	ML	R1	Y		0.9		0.9		0.9			2.1		4.8	10.4				12.0					F				
46	13.099	TL	RL	Y		0.8		1.3	1.8				1.5		5.4	10.4									F				RLTL to Lynchburg Dr
47	13.172	ML	R1	Y		0.9		1.2	1.4				1.5		5.0	9.9									F				
48	13.487	CO	CO	Y			1.0			1.6			2.2		4.8	10.7					4.8	C	III	M	F				Base Crack
49	14.108	ML	R1	Y		0.9		1.9		0.4			1.6		4.8	10.2									F				
50	14.209	TL	RL	Y		0.8		1.1		1.0			2.2		5.1	10.6									F				RLTL to Lock St
51	14.231	CO	CO	Y			0.8	0.7		0.7			2.5		4.7	10.5					4.7	C	III	M	P				Base Crack
52	14.326	TL	RL	Y		0.7		1.1		1.5			2.5		5.8	9.9									F				RLTL to US 17
53	13.964	ML	L1	Y		0.7		0.9	1.1				1.3		4.0	8.0				12.0					F				
54	13.248	ML	L1	Y		0.8		1.1	2.4			2.7			7.0			8.5			7.0	C	III	M	P				
55	13.166	TL	LL	N		1.5			3.5						5.0		8.0				0.1	C	Ib	L	F				LLTL to airport
56	12.934	TL	LL	N		0.8			2.2						3.0	11.7									F				LLTL to airport
57	12.883	ML	L1	Y		0.7		1.3	2.5						4.5	10.8					4.5	C	II	L	F				
58	12.510	ML	L1	N		0.9		1.1	7.0						9.0			7.1							F				
59	11.973	TL	LL	Y		0.5			1.6				2.4		4.5	11.4					1.2	C	III	L	P				LLTL to E Valley Pike - Core Delamination
AVERAGE					***0.56***	***0.91***	***0.93***	***1.16***	***1.84***	***1.02***		***1.20***	***1.85***	***0.50***	***4.02***	***8.96***	***2.84***	***7.73***	***6.00***	***10.88***	***3.84***								
MAX					***0.70***	***1.60***	***1.20***	***3.00***	***7.00***	***1.90***		***2.70***	***3.40***	***0.50***	***9.00***	***17.00***	***8.00***	***9.30***	***6.00***	***12.00***	***7.00***								
MIN					***0.40***	***0.50***	***0.60***	***0.70***	***0.50***	***0.40***		***0.40***	***0.60***	***0.50***	***1.00***	***2.50***	***1.30***	***6.00***	***6.00***	***7.50***	***0.10***								
LAYER COEF.					***0.17***	***0.00***	***0.25***	***0.25***	***0.25***	***0.25***	***0.25***	***0.23***	***0.20***	***UNKW***		***0.18***	***0.16***	***UNKW***	***UNKW***	***0.08***								

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Roberts Consulting Services | Coring Completion Date: 1/5/2022 | Typical Section: 16020000

W.P.I. No.:				Name:	SR 600 (US 92)					Lanes:	4 Lanes - 2 lanes each direction
Fin. Proj. ID:	447429-1			From:	E Valley Pike					Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	16020000	To:	Lake Alfread Road					Inside:	No Shoulder
County:	Polk	SR No.:	600	Beg MP:	11.944	End MP:	14.349	Length:	2.405	Outside:	Paved 4 feet shoulder
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):	N	Paved	Lawn - X	Other:		Curb & Gutter (Y/N):	Y

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	FC5	FC9.5	SP9.5	S	S2	S	T1	BIND	WC		LR	ABC-2	CONC	RAP		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