

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

Cored By: TIERRA, INC.

Coring Completion Date: 6/21/2022

Typical Section:

W.P.I. No.:		Name:	SR 43 (US 301)			Lanes:	6	
Fin. Proj. ID:	443428-1	From:	SOUTH OF CR 672/BIG BEND RD			Shoulder Type and Condition:		
F.A. Project No.:		Roadway ID:	10010000	To:	NORTH OF CR 672/BIG BEND RD			
County:	HILLSBOROUGH	SR No.:	43	Beg MP:	10.877	End MP:	11.455	
				Length:	0.578		Outside:	PAVED
Overall Pavement Condition (from DMO field review):			Fair	Median Curbed (Y/N):	Y	Paved:	Y	
				Lawn:		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	COMMENTS
					FC5	FC12.5	FC9.5	SP9.5	ARMI	S	SP9.5	S2	T1	S		LR	CONC	ABC-2	SCEM 300		DEPTH (IN.)	TYPE	CLASS	EXTENT		
1	10.863	ML	R1	Y	0.9			3.9							4.8	11.5					3.4	B	II	S	P	
2	10.872	ML	L2	Y	0.8			1.5	0.5		4.8	1.0	2.1		10.7		7.3				2.5	A	IB	L	F	BASE CRACK
3	10.885	ML	R2	Y	0.9			4.0						4.9	10.0					3.5	A	II	L	P		
4	10.893	ML	R3	Y	1.0			3.9						4.9	10.0					12.0					F	
5	10.892	TL	RR	N	1.0			3.6						4.6	11.5										F	RRTL
6	10.892	S	OR	N	1.3			2.9						4.2	4.7					12.0					F	
7	10.920	ML	R2	Y			1.0	3.0						4.0			8.0								P	BASE CRACK; CORED IN PATCHED AREA; UTILITY REFUSAL
8	10.923	ML	R2	Y	0.7			3.9						4.6	4.8										P	CONSTRUCTION JOINT
9	10.929	ML	R3	Y			0.9	3.7						4.6	16.0					2.6	C	III	S	P		
10	10.925	SS	RR	Y	0.5			3.5						4.0			8.2								F	SS RRTL SAM'S CLUB ENTRANCE
11	10.933	SS	LR	Y			1.2	4.8						6.0	13.1										F	SS LRTL WINN DIXIE ENTRANCE
12	10.957	TL	LR	Y	1.0			4.0						5.0			10.5			12.0					F	LRTL
13	10.995	S	OL	N	0.7			4.1						4.8			7.2								F	
15	11.013	ML	L1	N	1.0			1.7	0.6		15.6			18.9	36.0										G	
16	11.059	SS	RR	Y	0.5			14.0						14.5	9.2										P	SS RRTL SAM'S CLUB ENTRANCE
18	11.091	TL	RR	N			1.2	3.8						5.0	11.0										G	RRTL
19	11.065	ML	L3	Y	0.8			1.4	0.5		1.2	1.0	1.9	6.8	6.8					12.0					P	OFFSET DUE TO SAFETY CONCERNS
20	11.110	ML	R1	Y	0.3			4.2						4.5	11.5										P	SEVERE RAVELLING
21	11.112	TL	RL	Y				14.2						14.2	3.0										F	RLTL (2nd)
22	11.171	SS	RR	Y			1.1	2.1						3.2				12.5							F	SS TLRR SR 672/BIG BEND RD.
23	11.171	SS	R2	N			0.9	0.6		2.2				3.7				12.2		3.7	A	II	M	F	SS SR 672/BIG BEND RD.	
24	11.171	SS	RL	Y			1.0			3.2				4.2	19.8										F	SS RLTL (1st) SR 672/BIG BEND RD; BEFORE PAVEMENT CHANGE
25	11.171	SS	RL	Y	0.7			1.9		2.1				4.7	19.3										G	SS RLTL (1st) SR 672/BIG BEND RD; AFTER PAVEMENT CHANGE
26	11.171	SS	LL	Y	1.1			1.9		1.9		2.3	1.1	8.3				9.5							F	SS LLTL (1st) SR 672/BIG BEND RD; AFTER PAVEMENT CHANGE
27	11.171	SS	LL	Y			1.1	1.5					0.9	2.8	6.3				8.0						F	SS LLTL (1st) SR 672/BIG BEND RD; BEFORE PAVEMENT CHANGE
28	11.171	SS	LR	Y			1.0	1.8		2.2				5.0				11.0		2.5	A	IB	L	F	SS LRTL SR 672/BIG BEND RD.	
29	11.171	SS	LR	Y			1.3	4.6						5.9			9.2								F	SS LRTL SR 672/BIG BEND RD

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F.A. Project No.:		Roadway ID:	10010000			To:	NORTH OF CR 672/BIG BEND RD		
County:	HILLSBOROUGH	SR No.:	43			Beg MP:	10.877		
			End MP:	11.455	Length:	0.578	Outside:	PAVED	
Overall Pavement Condition (from DMO field review):		Fair	Median Curbed (Y/N):	Y	Paved:	Y	Lawn	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	COMMENTS	
					FC5	FC12.5	FC9.5	SP9.5	ARMI	S	SP9.5	S2	T1	S		LR	CONC	ABC-2	SCEM 300		DEPTH (IN.)	TYPE	CLASS	EXTENT			
30	11.222	ML	R3	N	1.0			3.8							4.8	11.2						2.8	B	IB	L	F	
31	11.229	TL	LL	Y	1.0			4.0							5.0			9.0								G	LLTL (1st)
32	11.232	TL	LR	Y	0.9			3.6							4.5			11.1			12.0					F	LRTL
33	11.251	S	OR	N	1.2			1.3							2.5	3.5										F	
34	11.236	ML	L3	Y	1.5			2.3							3.8			9.9								F	
35	11.232	SS	RR	Y			0.7								0.7	4.8						0.7	A	IB	L	F	SS RRLT SUMMERFIELD SQUARE DR.
36	11.268	ML	R2	Y	1.0			3.2							4.2	11.5						3.4	A	II	M	P	
37	11.279	SS	LR	Y			1.2	1.1							2.3	6.7										F	SS LRLT PUBLIX ENTRANCE
38	11.313	TL	RL	N	1.2			4.8							6.0			9.6								F	RRTL
39	11.332	S	OL	N	0.7			4.1							4.8			10.1								F	IN GORE AREA
40	11.339	ML	L2	Y			1.1	3.2							4.3			10.5			12.0					P	
41	11.338	ML	L3	Y			1.0	4.1							5.1			9.6								P	
42	11.366	SS	LR	Y			1.1	1.6							2.7	5.7										F	SS LRTL PUBLIX ENTRANCE
43	11.380	ML	L1	Y	1.0			4.0							5.0			9.5								G	
44	11.381	TL	LL	Y	1.1			3.7							4.8			9.6								F	LLTL
45	11.404	S	OR	N	1.2			2.6							3.8			5.2				2.8	C	IB	L	F	
46	11.406	TL	LR	N	1.1			4.4							5.5			9.7								F	LRTL
47	11.415	ML	R2	N	0.9			2.8							3.7			10.4			12.0					F	
48	11.451	S	OL	N	0.8			2.2							3.0			5.3			12.0					F	
49	11.454	ML	L2	Y	0.8			4.4							5.2			9.0			12.0					F	
AVERAGE					0.92	1.20	1.04	3.59	0.53	2.32	7.20	1.43	1.50	2.80	5.40	10.98	7.30	9.03	10.64	12.00	2.79						
MAX					1.50	1.20	1.30	14.20	0.60	3.20	15.60	2.30	2.10	2.80	18.90	36.00	7.30	11.10	12.50	12.00	3.70						
MIN					0.30	1.20	0.70	0.60	0.50	1.90	1.20	1.00	0.90	2.80	0.70	3.00	7.30	5.20	8.00	12.00	0.70						
LAYER COEF.					0.00	0.25	0.25	0.25	0.00	0.25	0.25	0.25	0.23	0.25		0.18	UNKW	0.16	0.15	0.08							

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Fin. Proj. ID:	443428-1			From:	SOUTH OF CR 672/BIG BEND RD			Shoulder Type and Condition:									
F.A. Project No.:				Roadway ID:	10010000			To:	NORTH OF CR 672/BIG BEND RD			Inside:	UNPAVED				
County:	HILLSBOROUGH			SR No.:	43			Beg MP:	10.877	End MP:	11.455	Length:	0.578	Outside:	PAVED		
Overall Pavement Condition (from DMO field review):				Fair				Median Curbed (Y/N):	Y	Paved:	Y	Lawn:		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	COMMENTS
					FC5	FC12.5	FC9.5	SP9.5	ARMI	S	SP9.5	S2	T1	S		LR	CONC	ABC-2	SCEM 300		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.
7. Pavement Cores 14 and 17 were not returned from the field. Both cores were 24+ inches in depth.

<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	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