

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

Cored By: Tierra, Inc.

Coring Completion Date: 7/20/2021

Typical Section: _____

W.P.I. No.:		Name:	I-4 WESTBOUND			Lanes:	
Fin. Proj. ID:	430337-1	From:	WEST OF ORIENT ROAD			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	10190000			To: WEST OF I-75 (SR 93A)	
County:	HILLSBOROUGH	SR No.:	400			Beg MP: 13.400 End MP: 15.700 Length: 2.300	
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N):	Paved	Lawn	Other:

10190000																										
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
					FC12.5	FC5	FC9.5	SP9.5	SP12.5	S1	BIND					LR					DEPTH (IN.)	TYPE	CLASS	EXTENT		
9	13.504	ML	R1	Y		1.0				1.3	4.0				6.3	12.6								F		
18	13.746	S	OR	N	1.3						0.8			2.1	6.8									F		
24	13.886	S	IR	N	1.4					1.4	2.4			5.2	12.7									F		
26	13.938	ML	R3	Y		1.0				4.5	0.9			6.4	11.5									F		
34	14.129	S	OR	N	1.6						0.6			2.2	7.2									F		
62	14.937	S	OR	N	2.1									2.1	7.7									F		
63	15.177	ML	R4	N		0.8				1.5	2.6	1.2		6.1	13.0									F	I-75 NB/SB OFF RAMP TO I-4 WB; MERGE LANE	
66	15.325	S	OR	N						1.7	0.5			2.2	6.7									F		
76	15.769	S	OR	N	1.3									1.3	5.5									F		
77	15.770	ML	R3	Y		1.0				4.4				5.4	12.2									F		
AVERAGE					1.54	0.95				2.47	1.69	1.20		3.93	9.59											
MAX					2.10	1.00				4.50	4.00	1.20		6.40	13.00											
MIN					1.30	0.80				1.30	0.50	1.20		1.30	5.50											
LAYER COEF.					0.25	0.00	0.25	0.25	0.25	0.25	0.25	0.20			0.18					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 LL/LR - Left/Right Turn Lane	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	<u>Lane Type</u> ML - Mainline TL - Turn Lane CO - Crossover	<u>Lane Type</u> S - Shoulder SS - Side Street BR - Bridge Approach/Departure	<u>Crack Type</u> A - Alligator B - Block C - Combination	<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 Class III - Cracks > 1/4 inch	<u>Extent</u> L - Light M - Moderate S - Severe	<u>Pavement Condition</u> G - Good F - Fair P - Poor
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Coring Completion Date: 7/20/2021

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W.P.I. No.:		Name:	I-4 WESTBOUND			Lanes:	
Fin. Proj. ID:	430337-1	From:	WEST OF ORIENT ROAD			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	10030103			To: WEST OF I-75 (SR 93A)	
County:	HILLSBOROUGH	SR No.:	400			Beg MP: 13.400 End MP: 15.700 Length: 2.300	
Overall Pavement Condition (from DMO field review):				Fair	Median Curbed (Y/N):	Paved	Lawn
					Other:		Curb & Gutter (Y/N):

10030103																									
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	
					FC12.5	FC5	FC9.5	SP9.5	SP12.5	S1	BIND					LR					DEPTH (IN.)	TYPE			CLASS
19	0.957	ML	R2	Y		0.7				4.8				5.5	12.0				18.5					F	
21	0.963	S	OR	N	1.4						0.9			2.3	4.6									F	
27	0.816	S	OR	N	1.3						1.1			2.4	3.7									F	
30	0.699	ML	R1	Y		1.0				4.9				5.9	10.0									F	
33	0.666	ML	R1	N		1.0				4.9				5.9	11.0				19.0					F	
39	0.630	S	OR	N	1.6						1.0			2.6	3.7									F	
42	0.429	S	OR	N	1.3									1.3	5.7									F	
46	0.150	S	OR	N	1.9						2.1			4.0	12.0									F	
49	0.113	ML	R1	Y		0.9				1.5	0.8			3.2	12.7				20.0					F	
52	0.089	S	IR	N	2.1									2.1	8.0									F	
59	0.024	ML	R1	Y		0.9				1.9	2.1			4.9	13.0									F	
AVERAGE					1.60	0.90				3.60	1.33			3.65	8.76				19.17						
MAX					2.10	1.00				4.90	2.10			5.90	13.00				20.00						
MIN					1.30	0.70				1.50	0.80			1.30	3.70				18.50						
LAYER COEF.					0.25	0.00	0.25	0.25	0.25	0.25	0.20				0.18				0.08						

Notes:

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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 LL/LR - Left/Right Turn Lane	<u>Lane Designations - Increasing MP</u> OR/IR - Outside/Inside Shoulder R1 - 1st Lane Right of Centerline RL/RR - Left/Right Turn Lane	<u>Lane Type</u> ML - Mainline TL - Turn Lane CO - Crossover	<u>Lane Type</u> S - Shoulder SS - Side Street BR - Bridge Approach/Departure	<u>Crack Type</u> A - Alligator B - Block C - Combination	<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 Class III - Cracks > 1/4 inch	<u>Extent</u> L - Light M - Moderate S - Severe	<u>Pavement Condition</u> G - Good F - Fair P - Poor
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Cored By: Tierra, Inc.

Coring Completion Date: 7/20/2021

Typical Section: _____

W.P.I. No.:		Name:	I-4 WESTBOUND			Lanes:	
Fin. Proj. ID:	430337-1	From:	WEST OF ORIENT ROAD			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	10075343			To: WEST OF I-75 (SR 93A)	
County:	HILLSBOROUGH	SR No.:	400			Beg MP: 13.400 End MP: 15.700 Length: 2.300	
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved	Lawn
				Other:		Curb & Gutter (Y/N):	

10075343																										
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
					FC12.5	FC5	FC9.5	SP9.5	SP12.5	S1	BIND	LR					DEPTH (IN.)	TYPE	CLASS		EXTENT					
69	0.781	S	IR	N						2.7					2.7	8.7									F	
73	0.781	ML	R1	Y		0.9				5.0					5.9	12.0									F	
75	0.665	S	OR	N	1.6										1.6	9.1									F	
AVERAGE					1.60	0.90				3.85					3.40	9.93										
MAX					1.60	0.90				5.00					5.90	12.00										
MIN					1.60	0.90				2.70					1.60	8.70										
LAYER COEF.					0.25	0.00	0.25	0.25	0.25	0.25	0.20				0.18						0.08					

Notes:

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4. The cross slope is approximate and measured in the center of the lane.
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6. A value of "UNK" indicates material was encountered but the total thickness was not determined.

<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

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Coring Completion Date: 7/20/2021

Typical Section: _____

W.P.I. No.:		Name:	I-4 WESTBOUND			Lanes:	
Fin. Proj. ID:	430337-1	From:	WEST OF ORIENT ROAD			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	10075346			To: WEST OF I-75 (SR 93A)	
County:	HILLSBOROUGH	SR No.:	400			Beg MP: 13.400 End MP: 15.700 Length: 2.300	
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved	Lawn
				Other:		Curb & Gutter (Y/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
					FC12.5	FC5	FC9.5	SP9.5	SP12.5	S1	BIND						LR					DEPTH (IN.)	TYPE	CLASS		
71	1.390	ML	R2	Y		1.1				1.4	1.6				4.1	11.8				20.0					F	
72	1.306	S	OR	N	2.2									2.2	5.7										F	
AVERAGE					2.20	1.10				1.40	1.60			3.15	8.75				20.00							
MAX					2.20	1.10				1.40	1.60			4.10	11.80				20.00							
MIN					2.20	1.10				1.40	1.60			2.20	5.70				20.00							
LAYER COEF.					0.25	0.00	0.25	0.25	0.25	0.25	0.25	0.20			0.18				0.08							

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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

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Fin. Proj. ID:	430337-1	From:	WEST OF ORIENT ROAD			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	10190092			To: WEST OF I-75 (SR 93A)	
County:	HILLSBOROUGH	SR No.:	400			Beg MP: 13.400 End MP: 15.700 Length: 2.300	
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved	Lawn
				Other:		Curb & Gutter (Y/N):	

10190092																										
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
					FC12.5	FC5	FC9.5	SP9.5	SP12.5	S1	BIND	LR					DEPTH (IN.)	TYPE	CLASS		EXTENT					
5	0.249	ML	R1	Y		0.9				1.0	1.3				3.2	12.7				20.0					F	US 92 WB ON RAMP TO I-4 WB
10	0.060	S	OR	N	1.5									1.5	6.3										F	US 92 WB ON RAMP TO I-4 WB
AVERAGE					1.50	0.90				1.00	1.30			2.35	9.50				20.00							
MAX					1.50	0.90				1.00	1.30			3.20	12.70				20.00							
MIN					1.50	0.90				1.00	1.30			1.50	6.30				20.00							
LAYER COEF.					0.25	0.00	0.25	0.25	0.25	0.25	0.25	0.20			0.18				0.08							

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<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	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	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	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				

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Typical Section: _____

W.P.I. No.:		Name:	I-4 WESTBOUND			Lanes:	
Fin. Proj. ID:	430337-1	From:	WEST OF ORIENT ROAD			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	10190138			To: WEST OF I-75 (SR 93A)	
County:	HILLSBOROUGH	SR No.:	400			Beg MP: 13.400 End MP: 15.700 Length: 2.300	
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):		Paved	Lawn
				Other:		Curb & Gutter (Y/N):	

10190138																									
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	
					FC12.5	FC5	FC9.5	SP9.5	SP12.5	S1	BIND					LR					DEPTH (IN.)	TYPE			CLASS
40	0.463	S	IR	N	1.9								1.9	6.0										F	
43	0.202	ML	R1	Y		1.3				2.2	1.6		5.1	11.7										F	
47	0.052	S	OR	N	1.9					2.6			4.5	3.0										F	
48	0.051	ML	R2	Y		0.8				2.7	1.7		5.2	11.7										F	
50	0.080	ML	R1	Y		1.0				2.0	1.5		4.5	12.0										F	
51	0.081	S	IR	N	1.8					2.4			4.2	4.7										F	
61	0.000	ML	R2	Y		1.0				2.9	2.8		6.7	12.3										F	
79	0.000	ML	R2	Y		0.6				2.3	4.6		7.5	9.0										F	
AVERAGE					1.87	0.94				2.44	2.44		4.95	8.80											
MAX					1.90	1.30				2.90	4.60		7.50	12.30											
MIN					1.80	0.60				2.00	1.50		1.90	3.00											
LAYER COEF.					0.25	0.00	0.25	0.25	0.25	0.25	0.25	0.20		0.18					0.08						

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