

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

Cored By: Arehna Engineering, Inc.

Date: 8/5-17/2020

Typical Section: 01

W.P.I. No.:				Name: I-4				Lanes: 6			
Fin. Proj. ID: 445380-1-31-01				From: McIntosh Road				Shoulder Type and Condition: Paved			
F.A. Project No.:				To: County Line Road				Inside:			
County: Hillsborough / 10190500		SR No.: 400		Beg MP: 21.476		End MP: 32.836		Length: 11.360		Outside:	
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): N		Paved		Lawn		Other:	
South Frontage Road											

All Cores

CORE NO.	MILE POST ¹	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)								TOTAL ASPHALT THICKNESS (IN.)	BASE			STABILIZED SUBGRADE ²	CRACK				PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ³	COMMENTS	
					FC9.5	FC2	SP1F	S	BIND							LR		ABC-2		DEPTH (IN.)	TYPE						CLASS
189	0.047	ML	R1	Y	1.0			2.2	0.4					3.6	6.0				3.6	C	III	S	P	0.0	0.0	0.65	Base Crack
190	0.047	ML	L1	Y	0.9			0.9	0.7					2.5	7.5				2.5	A	III	S	P	0.0	0.0	2.00	Alligator Cracks
191	0.049	S	OL	N	1.0			1.5						2.5	4.0							P	0.0	0.0	5.20		
192	0.196	ML	R2	N	1.6			1.9						3.5	8.5							P	0.0	0.0	1.20		
193	0.616	ML	R1	N	1.1			3.0						4.1	7.0				3.2	B	III	S	P	0.5	0.5	1.05	FDOT: Severe longitudinal, transverse and block cracking
194	0.810	S	OR	N	1.5			3.4						4.9	7.3							G	0.0	0.0	0.85		
195	0.821	ML	R1	N			1.3	3.1						4.4	7.5		12.0					G	0.0	0.0	1.15		
196	0.831	ML	L1	N	1.0			3.4						4.4	8.0				2.4	B	III	S	P	0.0	0.0	2.00	Branch Crack
197	0.846	S	OL	N	1.1			1.2						2.3	10.3							P	0.0	0.0	1.70		
198	1.154	ML	L1	N	1.0			3.0						4.0	8.0				4.0	B	III	S	P	0.3	0.3	3.80	FDOT: Has severe block cracking, severe delamination in the left wheel path and a patch.
199	1.334	ML	L1	Y	1.0			3.4						4.4	7.5				2.5	B	III	S	P	0.0	0.0	4.50	FDOT: Has severe longitudinal, transverse and block cracking and severe slippage with patches.
200	1.544	ML	R1	N	0.7			3.2						3.9	8.0				3.9	B	III	S	P	0.0	0.0	1.05	Block Cracks
201	1.563	ML	R1	Y	0.7			3.0						3.7	7.3				3.7	C	III	S	P	0.0	0.0	1.35	Single Crack
202	1.576	ML	L1	N	1.1			2.7						3.8	8.0							P	0.0	0.0	2.80		
203	1.589	S	OL	N	1.1			1.1						2.2	6.0							P	0.0	0.0	2.05		
204	2.809	S	OR	N	1.1			2.9						4.0	17.0							P	0.0	0.0	1.05		
205	2.820	ML	R1	N	1.1			2.5						3.6	8.3		12.0		3.6	B	III	S	P	0.0	0.0	0.65	Block Cracks, Corrugation
206	2.834	ML	L1	Y	1.2			3.0						4.2	8.0				3.3	C	III	S	P	0.0	0.0	3.10	Single Crack
207	2.845	S	OL	N	1.2			1.5						2.7	9.3							P	0.0	0.0	1.50		
208	3.295	ML	R1	Y	0.8		0.7	3.0						4.5	8.5				1.5	C	III	S	P	1.0	1.0	0.80	FDOT: has severe slippage, patch, moderate to severe longitudinal cracking.
209	3.553	ML	L1	Y			0.7	2.9						3.6	8.5				3.6	C	II	M	P	0.3	0.3	0.70	FDOT: W/ DCP Has moderate cracking and a depression in the left wheel path and center. Base crack, Raveling
210	3.801	S	OR	N	0.9			1.2	8.9	1.5				12.5	6.5							P	0.0	0.0	1.60	Binder fell apart - Not pictured	
211	3.818	ML	R1	N			0.9	2.8						3.7		3.2			3.2	B	III	S	P	0.0	0.0	1.85	Branch Crack
212	3.831	ML	L1	Y			0.3	3.0						3.3		3.2						P	0.0	0.0	1.70	Raveling	
213	3.861	ML	L1	N			0.7	3.3						4.0		2.2						P	0.0	0.0	1.75		

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

Cored By: Arehna Engineering, Inc.

Date: 8/5-17/2020

Typical Section: 01

W.P.I. No.:				Name: I-4				Lanes: 6					
Fin. Proj. ID: 445380-1-31-01				From: McIntosh Road				Shoulder Type and Condition: Paved					
F.A. Project No.:				To: County Line Road				Inside:					
County: Hillsborough / 10190500		SR No.: 400		Beg MP: 21.476		End MP: 32.836		Length: 11.360		Outside:			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): N		Paved		Lawn		Other:		Curb & Gutter (Y/N): N	

South Frontage Road

All Cores

CORE NO.	MILE POST ¹	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE ²	CRACK				PAVEMENT CONDITION	RUT DEPTH - LWP (IN.)	RUT DEPTH - RWP (IN.)	CROSS SLOPE (%) ³	COMMENTS	
					FC9.5	FC2	SP1F	S	BIND								LR	ABC-2				DEPTH (IN.)	TYPE	CLASS						EXTENT
AVERAGE					1.06	0.65	1.07	2.83	0.87						4.01	8.03	2.87			12.00	3.15					0.7	0.7	1.84		
MAX					1.60	0.90	1.30	8.90	1.50						12.50	17.00	3.20			12.00	4.00					1.0	1.0	5.20		
MIN					0.70	0.30	0.70	0.90	0.40						2.20	4.00	2.20			12.00	1.50					0.0	0.0	0.65		
LAYER COEF.					0.25	0.00	0.25	0.25	0.20							0.18	0.16			0.08										

Notes:

1. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).
2. Stabilization thickness was checked on 10% of the coring locations. For pavement design assume 12 inches of thickness for stabilization.
3. The cross slope is measured in the center of the lane.
4. A blank cell indicates measurement was not recorded.

<u>Lane Designations</u>	<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>	<u>Lane Type</u>	
OL - Outside Left Shoulder L1 - 1st Lane Left of Centerline	OR - Outside Right Shoulder R1 - 1st Lane Right of Centerline	A - Alligator B - Block C - Combination	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	L - Light M - Moderate S - Severe	G - Good F - Fair P - Poor	ML - Mainline TL - Turn Lane CO - Crossover
					S - Shoulder SS - Side Street	