

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

Cored By: TIERRA, INC.

Coring Completion Date: 7/14/2023

Typical Section: 02

W.P.I. No.:		Name:	SR 553 (NORTH PARK ROAD)				Lanes:	6,5,4									
Fin. Proj. ID:	441664-1-52-01		From:	US 92/SR 600/EAST BAKER ST				Shoulder Type and Condition:									
F.A. Project No.:		Roadway ID:	10030002		To:	NORTH OF SR 400 (I-4)				Inside:	C&G, Paved						
County:	HILLSBOROUGH		SR No.:	553		Beg MP:	0.000		End MP:	1.410		Length:	1.410		Outside:	C&G, Paved	
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):	Y		Paved	Lawn	Other:			Curb & Gutter (Y/N):	Y				

Mainline Cores (ML)

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	FC9.5	SP9.5									LR						DEPTH (IN.)	TYPE	CLASS		
1	0.053	ML	L1	Y		0.7	2.9							3.6	11.5								G			
4	0.063	ML	L2	Y		0.8	2.3							3.1	11.8					3.1	B	IB	L	F		
6	0.114	ML	R3	N		1.0	3.6							4.6	9.5					4.6	B	II	L	P	BASE CRACK	
7	0.115	ML	R2	Y		0.6	2.6							3.2	10.8					3.2	B	II	L	P	BASE CRACK	
8	0.161	ML	L2	Y		1.0	3.3							4.3	12.5					4.3	C	II	M	P		
9	0.159	ML	L3	Y		1.0	3.1							4.1	12.0					4.1	C	II	M	P		
10	0.211	ML	R1	N		0.9	2.5							3.4	12.5				12.0	3.4	B	II	L	P	BASE CRACK	
14	0.274	ML	L2	Y		0.9	2.7							3.6	10.0					3.6	B	IB	L	P	BASE CRACK	
15	0.274	ML	L1	Y		1.2	3.0							4.2	9.8					4.2	B	II	M	P	BASE CRACK	
17	0.334	ML	R1	Y		1.1	3.0							4.1	11.0					4.1	B	IB	L	P	BASE CRACK	
18	0.382	ML	L2	Y		1.0	2.8							3.8	9.3					3.8	B	IB	L	P	BASE CRACK	
19	0.386	ML	L3	N		1.3	3.2							4.5	8.5					4.5	B	IB	M	P	BASE CRACK	
21	0.446	ML	R3	Y		1.3	3.1							4.4	10.5					2.4	B	IB	L	P		
22	0.449	ML	R2	Y		0.9	2.8							3.7	11.4					3.7	B	IB	L	P	BASE CRACK	
23	0.523	ML	L1	Y		1.1	2.9							4.0	11.0				12.0	4.0	B	II	L	F		
25	0.552	ML	R1	Y		0.9	3.1							4.0	10.0					4.0	B	II	M	P	BASE CRACK	
26	0.582	ML	R3	Y		1.3	2.9							4.2	9.8					4.2	B	II	L	P	BASE CRACK	
27	0.582	ML	R2	Y		1.1	3.4							4.5	8.5				12.0	4.5	B	II	M	P		
30	0.634	ML	L1	Y		1.2	2.3							3.5	12.0					3.5	B	II	M	P	BASE CRACK	
31	0.720	ML	R3	N		1.3	2.7							4.0	10.0					4.0	B	II	M	P	BASE CRACK	
32	0.742	ML	L2	Y		0.9	3.1							4.0	9.0					3.1	B	II	M	P		
33	0.742	ML	L3	Y		1.2	2.6							3.8	11.3					3.1	B	II	M	P		
37	0.833	ML	L1	N		1.0	2.7							3.7	9.3					3.7	B	II	M	P	BASE CRACK	
39	0.847	ML	R1	N		1.1	3.4							4.5	10.5					3.1	B	II	M	P		
41	0.873	ML	R3	N		0.8	2.8							3.6	12.5				12.0	3.6	B	II	M	P	BASE CRACK	
42	0.874	ML	R2	N		1.0	3.1							4.1	12.0					3.0	B	II	M	P		
44	0.943	ML	R3	N		1.4	2.6							4.0	12.0					4.0	C	III	S	P	BASE CRACK	
45	0.945	ML	L2	N		1.1	2.9							4.0	13.0				12.0	4.0	C	III	S	P	BASE CRACK	
46	0.947	ML	L3	N		1.1	3.1							4.2	12.8					3.4	B	III	S	P		
47	0.954	ML	R2	Y		1.5	3.0							4.5	11.5					4.5	B	III	S	P	BASE CRACK	
48	0.954	ML	R1	Y		1.0	3.0							4.0	10.0					4.0	B	III	S	P		
50	1.024	ML	L1	Y		1.0	2.4							3.4	9.5					3.4	C	III	S	P	BASE CRACK	
52	1.036	ML	L3	Y		1.2	2.8							4.0	11.0				12.0	2.7	C	III	S	P		
53	1.035	ML	R3	Y		0.7	3.2							3.9	10.0					3.9	C	III	S	P		
54	1.037	ML	R2	N		1.0	3.3							4.3	10.8					4.3	C	III	S	P	BASE CRACK	
55	1.065	ML	R1	N		1.1	2.9							4.0	10.0					2.2	C	III	S	P		
57	1.145	ML	L3	Y		1.0	3.0							4.0	11.0								G			

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: TIERRA, INC.

Coring Completion Date: 7/14/2023

Typical Section: 02

W.P.I. No.:		Name:	SR 553 (NORTH PARK ROAD)				Lanes:	6,5,4				
Fin. Proj. ID:	441664-1-52-01		From:	US 92/SR 600/EAST BAKER ST				Shoulder Type and Condition:				
F.A. Project No.:		Roadway ID:	10030002		To:	NORTH OF SR 400 (I-4)			Inside:	C&G, Paved		
County:	HILLSBOROUGH	SR No.:	553		Beg MP:	0.000	End MP:	1.410	Length:	1.410	Outside:	C&G, Paved
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):	Y	Paved	Lawn	Other:		Curb & Gutter (Y/N):	Y	

Mainline Cores (ML)																										
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	FC9.5	SP9.5									LR					DEPTH (IN.)	TYPE	CLASS	EXTENT		
58	1.153	ML	R1	Y		0.9	2.9							3.8	10.3					3.8	C	III	S	P		
60	1.159	ML	L1	N		0.7	2.8							3.5	10.5					3.5	C	III	S	P		
62	1.202	ML	RR	Y	0.6		3.6							4.2	12.0				12.0					G	EB OFF 10190379	
63	1.209	ML	R1	Y	0.6		3.3							3.9	12.3									G	EB ON 10190127	
64	1.228	ML	L2	Y		0.6	3.4							4.0	10.0					2.1	C	III	S	P		
65	1.226	ML	R2	Y		0.8	3.6							4.4	11.8									G		
67	1.248	ML	L2	Y		1.0	3.3							4.3	9.8					3.2	B	III	M	P		
68	1.252	ML	R2	Y		0.9	3.6							4.5	8.8									G		
70	1.337	ML	L1	Y		0.9	1.6							2.5	9.0					2.5	B	IB	M	F	BASE CRACK	
72	1.345	ML	R2	N		1.0	2.0							3.0	8.0					1.6	B	II	M	P		
73	1.374	ML	L2	N		1.1	1.4							2.5	8.5					2.5	B	II	M	P		
76	1.386	ML	R1	Y		1.1	2.0							3.1	8.0					2.2	C	II	S	P		
AVERAGE					0.60	1.01	2.89							3.89	10.55				12.00	3.50						
MAX					0.60	1.50	3.60							4.60	13.00				12.00	4.60						
MIN					0.60	0.60	1.40							2.50	8.00				12.00	1.60						
LAYER COEF.					0.00	0.25	0.25								0.18				0.08							

- Notes:
- 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.
 - Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
 - Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
 - The cross slope is approximate and measured in the center of the lane.
 - A blank cell indicates measurement was not recorded.
 - 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 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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PAVEMENT EVALUATION CORING AND CONDITION DATA

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F.A. Project No.:		Roadway ID:	10030002		To:	NORTH OF SR 400 (I-4)			Inside:	C&G, Paved			
County:	HILLSBOROUGH		SR No.:	553		Beg MP:	0.000	End MP:	1.410	Length:	1.410	Outside:	C&G, Paved
Overall Pavement Condition (from DMO field review):			Fair		Median Curbed (Y/N):	Y	Paved	Lawn	Other:		Curb & Gutter (Y/N):	Y	

Turn Lane Cores (TL)																										
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	FC9.5	SP9.5									LR						DEPTH (IN.)	TYPE	CLASS		
2	0.054	TL	LL	Y		0.8	2.7							3.5	12.5				12.0	0.8	C	II	M	P	SLIPPAGE	
5	0.062	TL	LR	Y		1.2	2.5							3.7	9.3					3.7	B	II	M	P		
12	0.213	TL	RL	Y		1.0	3.1							4.1	12.0					2.9	B	IB	L	F		
16	0.275	TL	LL	N		1.3	4.4							5.7	8.5					3.5	B	III	M	P		
20	0.442	TL	RR	Y		1.1	3.5							4.6	9.5					1.1	B	IB	M	P	POSSIBLE SLIPPAGE	
24	0.527	TL	LL	N		1.1	3.7							4.8	9.0					3.5	B	IB	M	F		
29	0.632	TL	LL	Y		1.0	3.1							4.1	13.0					3.0	B	IB	M	F		
35	0.787	TL	RL	Y		1.3	2.7							4.0	12.5					4.0	B	IB	L	F		
38	0.835	TL	LL	N		1.1	2.9							4.0	9.0					2.5	B	II	M	F		
40	0.850	TL	RL	N		1.1	3.4							4.5	11.5								F			
49	0.982	TL	RL	N		0.5	2.7							3.2	10.3				12.0					G		
59	1.158	TL	LL	Y		0.9	2.6							3.5	10.5					3.5	C	III	S	P		
74	1.378	TL	LR	N		0.8	3.7							4.5	13.5				12.0	4.5	B	II	L	F	BASE CRACK	
77	1.389	TL	RL	Y		1.1	3.2							4.3	18.0					1.9	C	III	S	P		
AVERAGE						1.02	3.16							4.18	11.36				12.00	2.91						
MAX						1.30	4.40							5.70	18.00				12.00	4.50						
MIN						0.50	2.50							3.20	8.50				12.00	0.80						
LAYER COEF.					0.00	0.25	0.25								0.18				0.08							

- Notes:
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<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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County:	HILLSBOROUGH	SR No.:	553		Beg MP:	0.000	End MP:	1.410	Length:	1.410	Outside:	C&G, Paved
Overall Pavement Condition (from DMO field review):		Fair		Median Curbed (Y/N):	Y	Paved	Lawn	Other:			Curb & Gutter (Y/N):	Y

Shoulder, Crossover and GORE Cores (S / CO / GO)																										
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	FC9.5	SP9.5									LR					DEPTH (IN.)	TYPE	CLASS	EXTENT		
3	0.057	GO	GO	N		1.2	4.4								5.6	8.5					1.5	B	IB	L	F	
11	0.217	S	IL	N		1.0	3.7								4.7	9.3									G	
13	0.227	CO	CO	N		1.0	1.8								2.8	10.0				12.0	2.8	B	IB	L	F	
28	0.619	CO	CO	N		1.2	3.3								4.5	10.0					3.2	B	IB	M	P	
34	0.771	S	IL	N		1.0	2.8								3.8	10.3				12.0					P	
36	0.798	CO	CO	N		1.2	2.8								4.0	14.0					2.5	B	IB	L	F	
43	0.938	S	OR	N		0.6	1.9								2.5	5.5					1.7	B	IB	L	G	
51	1.032	S	OR	N		0.9	1.0								1.9	10.5									G	
56	1.143	S	OL	N		0.9	0.9								1.8	10.3					1.8	B	IB	L	G	JOINT CRACK
61	1.195	GO	GO	N		1.4	3.6								5.0	10.0				12.0					G	
66	1.243	S	OL	N		1.0	1.0								2.0	9.0				12.0					G	
69	1.321	GO	GO	N		0.8	3.7								4.5	13.5					1.3	B	II	M	F	
71	1.343	GO	GO	N		1.2	1.1								2.3	4.8									G	
75	1.382	S	OL	N		1.2	1.4								2.6	15.5									G	
78	1.405	CO	CO	N		1.4	1.6								3.0	8.0					3.0	B	III	M	P	BASE CRACK
AVERAGE						1.07	2.33								3.40	9.93				12.00	2.23					
MAX						1.40	4.40								5.60	15.50				12.00	3.20					
MIN						0.60	0.90								1.80	4.75				12.00	1.30					
LAYER COEF.					0.00	0.25	0.25									0.18				0.08						

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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