STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Test Lab, Inc. | Coring Completion Date: 10/18/2023 | Typical Section: 1

W.P.I. No.:		Name:	SR 581 / Bruce B. Downs Blvd.	Lanes:	6 Lane Urban Principal Arterial Roadway
Fin. Proj. ID:	449170-1	From:	SR 56	Shoulder Type and Condition:	
F.A. Project No.:	Roadway ID: 14610000	To:	SR 54	Inside:	None
County:	Pasco; SR No.: 581	Beg MP:	1.004; End MP: 4.509; Length: 3.505	Outside:	Paved
Overall Pavement Condition (from DMO field review):	Fair	Median Curbed (Y/N):	Y; Paved; Lawn: Y; Other:	Curb & Gutter (Y/N):	Y

Mainline and GORE Cores (ML/GO)

					PAVEMENT LAYER (IN.)											BASE					CRACK					
CORE NO.	MILE POST[2]	LANE TYPE	LANE	WP (Y/N)	FC5	FC12.5	SP12.5	SP9.5	S	S2	BIND				TOTAL ASPHALT THICKNESS (IN.)	ABC-2	LR	SHEL		STABILIZED SUBGRADE[3]	DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
2	1.058	ML	R1	N	1.0		1.5	1.1		0.5	2.3				6.4		11.1								F	
5	1.161	ML	L1	Y			2.6	4.5							7.1		15.9								F	
7	1.188	GO	GO	N	1.0		1.3	2.7							5.0		17.3								F	RL/R1-Gore
9	1.227	ML	R2	Y	0.9		1.6	1.6		0.5	2.4				7.0		9.0								F	
13	1.319	ML	L2	N			2.0	2.5							4.5		17.0								F	
15	1.397	ML	R3	N	0.7		3.8								4.5	8.7									F	
16	1.468	ML	L1	Y	0.6		2.9								3.5		9.5			18.0	3.5	A	III	S	P	
18	1.509	ML	L3	Y	1.0		3.1								4.1		12.4								F	
20	1.581	ML	R1	N	1.0		1.5				1.6				4.1		10.7								F	
21	1.586	ML	R2	Y	0.9		1.3		1.0		2.0				5.2		10.8			12.0	5.2	A	III	S	P	
23	1.677	ML	L1	N	0.8		3.5								4.3		11.2								F	
28	1.782	ML	R2	N	1.0		1.7				1.6				4.3		8.7								F	
29	1.858	ML	L2	N	0.9		3.0								3.9		11.1								F	
32	1.962	ML	R3	Y	0.9		3.6								4.5	8.8									F	
33	1.972	ML	L3	Y	0.9		2.6								3.5		7.3								F	
34	2.067	ML	R1	N	1.0		1.5		0.6		1.1				4.2		9.3								F	
36	2.163	ML	L1	Y	0.7		2.7								3.4		6.1				3.0	B	II	L	F	
39	2.266	ML	R2	N	1.1		1.4				1.5				4.0		13.0								F	
40	2.360	ML	L2	N	1.0		2.7								3.7		10.3								F	
41	2.426	ML	R3	N	0.9		2.9								3.8	8.7									F	
42	2.462	ML	L2	Y	1.0		3.0								4.0		10.0								P	
43	2.462	ML	L2	N	0.5		3.2								3.7		10.3			20.0	2.6	C	III	S	P	
44	2.462	ML	L2	Y	1.1		2.9								4.0		10.3								P	
45	2.511	ML	L3	Y	0.9		2.5								3.4		13.1								F	
46	2.547	ML	R1	N	1.0		1.7				1.4				4.1		8.9								F	
50	2.657	ML	L1	N			4.2								4.2		11.6								F	
54	2.797	ML	R2	N	0.9		1.4		0.3		1.5				4.1		9.9								F	
55	2.800	GO	GO	N	1.0		3.0								4.0		10.0								F	OL-Gore
58	2.878	ML	L2	N	0.7		3.1								3.8		8.7								F	
59	2.931	ML	R3	N	1.0		12.2								13.2			8.6							F	
61	2.983	ML	R3	N	1.0		3.5								4.5	9.1									F	CULVERT
62	2.984	ML	L3	N	1.2		2.5								3.7		11.3								F	
63	3.030	ML	R1	Y	0.6		1.7		0.4		1.8				4.5		7.5			22.0	4.5	C	IB	L	F	
64	3.071	ML	R1	N	0.7		1.7				1.5				3.9		9.1								F	
67	3.173	ML	L1	N	1.0		3.2								4.2		7.8								F	
68	3.259	ML	R2	Y	1.1		1.0				1.7				3.8		7.7								F	
71	3.393	ML	L2	Y			3.6								3.6		6.9								F	
72	3.432	ML	R3	N	1.1		1.6	1.3							4.0	9.5									F	
74	3.492	ML	L3	N			3.8								3.8		8.7								F	
75	3.523	ML	R1	N	0.8		1.4				1.3				3.5		9.3								F	
79	3.622	ML	L1	N			4.8								4.8		7.7								F	
80	3.659	GO	GO	N			4.1								4.1		10.4			16.5					F	OL-Gore
81	3.718	ML	R2	N	1.1		1.5		0.3		1.3				4.2		8.8								F	
85	3.834	ML	L2	N			4.0								4.0		10.0								F	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Test Lab, Inc. | Coring Completion Date: 10/18/2023 | Typical Section: 1

W.P.I. No.:			Name:	SR 581 / Bruce B. Downs Blvd.			Lanes:	6 Lane Urban Principal Arterial Roadway
Fin. Proj. ID:	449170-1		From:	SR 56			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 14610000	To:	SR 54			Inside:	None
County:	Pasco	SR No.: 581	Beg MP:	1.004	End MP: 4.509	Length: 3.505	Outside:	Paved
Overall Pavement Condition (from DMO field review):	Fair		Median Curbed (Y/N):	Y	Paved	Lawn: Y / Other:	Curb & Gutter (Y/N):	Y

Mainline and GORE Cores (ML/GO)

					PAVEMENT LAYER (IN.)											BASE					CRACK					
CORE NO.	MILE POST [2]	LANE TYPE	LANE	WP (Y/N)	FC5	FC12.5	SP12.5	SP9.5	S	S2	BIND				TOTAL ASPHALT THICKNESS (IN.)	ABC-2	LR	SHEL		STABILIZED SUBGRADE [3]	DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
86	3.879	ML	R3	Y	0.6		4.4								5.0	7.5				14.5	2.8	A	III	S	P	
88	3.919	ML	R3	N	1.0		3.0								4.0	9.3									F	
90	3.985	ML	L3	Y			3.6								3.6		8.4								F	
91	4.041	ML	R1	N		1.4	0.8		0.3		1.1				3.6		8.4								F	
93	4.078	ML	L1	Y	1.2		3.1								4.3		9.7								F	
95	4.254	ML	R2	N			2.5			0.5	2.2				5.2		8.8								F	
97	4.357	ML	L3	Y		1.6	3.5								5.1		9.9			15.0	1.4	B	IB	L	F	
AVERAGE					***0.92***	***1.50***	***2.82***	***2.28***	***0.48***	***0.50***	***1.64***				***4.45***	***8.80***	***10.08***	***8.60***		***16.86***	***3.29***					
MAX					***1.20***	***1.60***	***12.20***	***4.50***	***1.00***	***0.50***	***2.40***				***13.20***	***9.50***	***17.25***	***8.60***		***22.00***	***5.20***					
MIN					***0.50***	***1.40***	***0.80***	***1.10***	***0.30***	***0.50***	***1.10***				***3.40***	***7.50***	***6.10***	***8.60***		***12.00***	***1.40***					
LAYER COEF.					***0.00***	***0.25***	***0.25***	***0.25***	***0.25***	***0.25***	***0.20***					***0.16***	***0.18***	***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.

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

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Test Lab, Inc. Coring Completion Date: 10/18/2023 Typical Section: 1

W.P.I. No.:				Name:	SR 581 / Bruce B. Downs Blvd.			Lanes:	6 Lane Urban Principal Arterial Roadway
Fin. Proj. ID:	449170-1			From:	SR 56			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	14610000	To:	SR 54			Inside:	None
County:	Pasco	SR No.:	581	Beg MP:	1.004	End MP: 4.509	Length: 3.505	Outside:	Paved
Overall Pavement Condition (from DMO field review):	Fair			Median Curbed (Y/N):	Y	Paved	Lawn: Y / Other:	Curb & Gutter (Y/N):	Y

Shoulder Cores (S)

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	SP12.5	SP9.5	S	S2	BIND					ABC-2	LR	SHEL			DEPTH (IN.)	TYPE	CLASS	EXTENT		
6	1.163	S	OL	N			13.0								13.0			6.0							F	BIKE
11	1.303	S	OR	N	0.9		3.6								4.5	8.9									F	BIKE
12	1.303	S	OR	N	1.8		1.7								3.5	6.0									F	
14	1.381	S	OL	N	1.2		1.7								2.9		6.9								F	
24	1.731	S	OL	N	1.0		3.2								4.2		5.3								F	BIKE
27	1.769	S	OR	N	1.0		3.5								4.5	7.7				23.8					F	BIKE
30	1.869	S	OR	N	0.9		1.6								2.5	4.2									F	
31	1.922	S	OL	N	0.9		1.8								2.7		5.3								F	
35	2.126	S	OR	N	0.7		1.4								2.1	3.9									F	
38	2.240	S	OL	N	1.5		1.2								2.7		4.3								F	
47	2.576	S	OR	N			5.4								5.4	9.4									F	BIKE
49	2.580	S	OR	N			4.0								4.0	7.9									F	
52	2.699	S	OL	N			4.4								4.4		9.1								F	BIKE
56	2.849	S	OL	N	0.9		2.7								3.6		9.2								F	BIKE
60	2.972	S	OL	N	0.8		1.8								2.6		3.4			20.0					F	
66	3.114	S	OL	N	1.3		3.6								4.9		12.1								F	
69	3.333	S	OR	N	1.5		1.0	1.2							3.7	6.9									F	
78	3.587 [2]	S	OL	N			4.1								4.1		9.9								F	BIKE
83	3.736	S	OL	N			4.8								4.8		9.7								F	BIKE
84	3.819	S	OR	N	1.2		1.5								2.7	5.1									F	
87	3.901	S	OL	N	1.1		1.4								2.5		7.0								F	
92	4.054	S	OL	N	1.3		1.4								2.7		7.8								F	
94	4.126	S	OR	N		1.0	1.4								2.4	4.1				18.5					F	
AVERAGE					***1.13***	***1.00***	***3.05***	***1.20***							***3.93***	***6.41***	***7.49***	***6.00***		***20.77***						
MAX					***1.80***	***1.00***	***13.00***	***1.20***							***13.00***	***9.40***	***12.10***	***6.00***		***23.80***						
MIN					***0.70***	***1.00***	***1.00***	***1.20***							***2.10***	***3.90***	***3.40***	***6.00***		***18.50***						
LAYER COEF.					***0.00***	***0.25***	***0.25***	***0.25***	***0.25***	***0.25***	***0.20***					***0.16***	***0.18***	***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.

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

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: Test Lab, Inc. Coring Completion Date: 10/18/2023 Typical Section: 1

W.P.I. No.:				Name:	SR 581 / Bruce B. Downs Blvd.			Lanes:	6 Lane Urban Principal Arterial Roadway
Fin. Proj. ID:	449170-1			From:	SR 56			Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID:	14610000	To:	SR 54			Inside:	None
County:	Pasco	SR No.:	581	Beg MP:	1.004	End MP: 4.509	Length: 3.505	Outside:	Paved
Overall Pavement Condition (from DMO field review):	Fair			Median Curbed (Y/N):	Y	Paved	Lawn: Y	Other:	Curb & Gutter (Y/N): Y

Turn Lane and Crossover Cores (TL/CO)

					PAVEMENT LAYER (IN.)											BASE					CRACK					
CORE NO.	MILE POST [2]	LANE TYPE	LANE	WP (Y/N)	FC5	FC12.5	SP12.5	SP9.5	S	S2	BIND				TOTAL ASPHALT THICKNESS (IN.)	ABC-2	LR	SHEL		STABILIZED SUBGRADE [3]	DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
1	1.049	TL	LL	N	1.1		2.9								4.0	8.4									F	LLTL (1st)
3	1.070	TL	LR	N	0.9		11.8								12.7			7.3		18.0					F	
4	1.123	TL	RR	N	0.7		13.1								13.8			6.2		14.0					F	
8	1.209	TL	RL	N	0.8		3.2								4.0	8.3									F	
10	1.287	TL	LR	N			12.0								12.0			4.0							F	
17	1.476	TL	RR	Y	1.0		3.0								4.0	7.5					1.5	A	II	M	F	
19	1.581	TL	LL	N	0.9		2.9								3.8		7.2								F	
22	1.607	TL	LR	Y	0.8		4.1								4.9		8.1								F	
25	1.742	TL	LR	N	0.9		3.6								4.5		5.5								F	
26	1.752	TL	RR	Y	1.2		2.8								4.0	8.9									F	
37	2.212	CO	CO	N	0.7		3.9								4.6		11.9			10.5					P	
48	2.577	TL	RL	N			4.5								4.5	8.0									F	RLTL (2nd). Sep. under FC
51	2.668	TL	LL	N	1.0		2.8								3.8		11.2			10.0					F	LLTL (1st)
53	2.714	TL	LR	N			4.5								4.5		11.0								F	
57	2.863	TL	LR	N	1.0		3.0								4.0		7.0								F	
65	3.078	TL	RL	N	0.8		3.7								4.5	8.0									F	
70	3.362	TL	RL	N	0.8		3.2								4.0	9.0				17.0	1.5	B	IB	L	F	
73	4.217	CO	CO	N			4.7		3.6						8.3		10.7								F	
76	3.538	TL	LR	N			4.5								4.5		10.0								F	
77	3.565	TL	RL	N	1.0		3.2								4.2	9.0									F	
82	3.720	TL	LR	N			4.2								4.2		11.8								F	
89	3.932	CO	CO	N	0.5		3.4								3.9		9.1								P	RAVELING
96	4.176	TL	RL	N			4.0								4.0	9.2									F	
AVERAGE					***0.88***		***4.74***		***3.60***						***5.51***	***8.48***	***9.41***	***5.83***		***13.90***	***1.50***					
MAX					***1.20***		***13.10***		***3.60***						***13.80***	***9.20***	***11.90***	***7.30***		***18.00***	***1.50***					
MIN					***0.50***		***2.80***		***3.60***						***3.80***	***7.50***	***5.50***	***4.00***		***10.00***	***1.50***					
LAYER COEF.					***0.00***	***0.25***	***0.25***	***0.25***	***0.25***	***0.25***	***0.20***					***0.16***	***0.18***	***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.

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