## PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: AREHNA Coring Completion Date: 3/16/2022 Typical Section: 1

W.P.I. No.:			Name:	CR 587/ Gunn Highway			Lanes: 2	
Fin. Proj. ID:	435908-2		From:				Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 10000645	To:				Inside:	
County:	Hillsborough	SR No.: -	Beg MP:	0 Eı	nd MP: 0.233	Length: 0.233	Outside:	
Overal	Pavement Condition (from DMO field	review): Fair	Median Curbed (Y/N):	Y Paved	Lawn	Other:	Curb & Gutter (Y/N): Y	

												Roadway	1000064	5 - All	Cores								
								P#	VEMENT	LAYER (II	<b>'.)</b>				BA	SE			CRA	<i>ICK</i>			
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	FC9.5	SP9.5	T1	s	\$2	BIND			TOTAL ASPHALT THICKNESS (IN.)	LR	ABC-2		STABILIZED SUBGRADE <sup>3</sup>	DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
1	0.224	ML	R1	N	1.0	1.5			1.2	1.9			5.6	10.4								F	
2	0.152	ML	R1	N	0.7	1.7			1.3	1.9			5.6	11.3				5.6	С	II	М	F	
3	0.041	ML	R1	Υ	1.0	1.8			1.1	1.9			5.8	10.1				2.8				F	
4	0.224	ML	R2	Υ	1.1	1.1		4.4					6.6	3.4			12.0					F	Bottom-up Crack
5	0.175	ML	R2	Υ	1.0	1.3			1.5	2.1			5.9	10.0				4.4	С	II	М	F	
6	0.065	ML	R2	Υ	1.0	1.1			1.3	2.1			5.5	9.6				5.5	С	II	М	F	
7	0.028	ML	R3	Υ	1.2	1.3			1.0	2.2			5.7	10.3				5.7	С	III	S	F	
8	0.016	ML	R3	N	1.3	1.2			1.2	2.2			5.9	9.9				5.9	С	III	S	F	
9	0.002	S	OR	N	1.2		1.3		1.5	2.2			6.2	10.8								F	
10	0.224	ML	L1	Υ	1.2	1.6		1.3	1.2	2.0			7.3	9.8								F	
11	0.194	ML	L1	N	1.1	1.5			1.8	2.2			6.6	8.4				2.7	С	II	L	F	
12	0.064	ML	L1	Υ	1.0	1.7			1.5	2.0			6.2	9.1			12.0	4.8	С	II	M	F	
13	0.224	ML	L2	N	1.0	1.2			0.9	1.9			5.0	7.9								F	
14	0.164	ML	L2	N	1.1	1.1			1.1	2.0			5.3	10.8				4.7	С	II	М	F	
15	0.033	ML	L2	N	1.2	1.2			8.0	2.1			5.3	14.4				5.3	С	III	M	F	
16	0.225	S	OL	N	0.9	1.1		1.0					3.0		3.9		12.0					F	
17	0.141	S	OL	N	0.7		1.5	1.9					4.1	11.5								F	
18	0.209	TL	RL	N	1.0		0.7	1.9					3.6	13.4								F	
19	0.129	TL	LL	N	1.4		1.1		1.7	2.4			6.6	9.4								F	
87	0.201	ML	R2	Υ	0.9	1.2	0.9	2.1					5.1	9.5			12.0	5.1	С	III	S	Р	
88	0.288	ML	R1	Υ	1.1	1.2	1.3	1.9					5.5	9.5			12.0	5.5	С	III	S		Base Crack
89	0.307	ML	L2	N	1.1	1.3	1.3	1.9					5.6	9.0			12.0	5.6	С	III	S	Р	Base Crack
AVERAGE					1.06	1.36	1.15	2.10	1.27	2.07			5.57	10.01	3.90		12.00	4.74					
MAX					1.40	1.80	1.50	4.40	1.80	2.40			7.30	14.38	3.90		12.00	5.90					
MIN					0.70	1.10	0.70	1.00	0.80	1.90			3.00	3.38	3.90		12.00	2.70					
LAYER COEF.					0.25	0.25	0.23	0.25	0.25	0.20				0.18	0.16		0.08						

#### Notos.

- 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	<u>Extent</u>	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

# PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: AREHNA Coring Completion Date: 3/16/2022 Typical Section: 1

W.P.I. No.:		Name: C	CR 587/ Gunn Highway			Lanes: 2
Fin. Proj. ID: 435908-2		From:				Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 10000645	To:				Inside:
County: Hillsborough	SR No.: -	Beg MP: 0	End MP:	0.233	Length: 0.233	Outside:
Overall Pavement Condition (f	rom DMO field review): Fair	Median Curbed (Y/N): Y	Y Paved	Lawn	Other:	Curb & Gutter (Y/N): Y

														Roa	dway	10000645	5 - All	Cores									
									PA	VEMENT	LAYER (I	N.)						BA	4SE				CR.	ACK			
CORE	E NO.	MILE POST 2 LANE LANE (Y/N) FC9.5 SP9.5 T1							S	S2	BIND					TOTAL ASPHALT THICKNESS (IN.)	LR	ABC-2			STABILIZED SUBGRADE <sup>3</sup>	DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
L	L1 - 1st L	- 1st Lane Left of Centerline R1 - 1st Lane Right of Centerli						enterline		TL - Tu	rn Lane		SS -	Side Stre	et	В-	Block	Cla	ss II - Crack	s > than	1/8 inch a	and ≤ 1/4	inch	M - N	loderate	F - Fair	
	LL/LR - I	- Left/Right Turn Lane RL/RR - Left/Right Turn Lane					CO - Cı	ossover	BR - E	Bridge A	Approach/	Departure	C - Co	mbination		Class	III - Crad	cks > 1/4	inch		S - S	Severe	P - Poor				

## PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: AREHNA and DMO Coring Completion Date: 3/16/2022; 3/6/2024 Typical Section: 2

W.P.I. No.:			Name:	SR 580 W Bus	sch Blvd			Lanes:	4
Fin. Proj. ID:	435908-2		From:	N Dale Mabry	Hwy			Shoulder Type and	I Condition:
F.A. Project No.:		Roadway ID: 10310000	To:	N Nebraska A	ve			Inside:	-
County:	Hillsborough	SR No.: 580	Beg MP:	0.000	End	MP: 3.344	Length: 3.344	Outside:	-
Overall	Pavement Condition (from DMO field	review): Fair	Median Curbed (Y/N):	N	Paved	Lawn	Other:	Curb & Gutt	er (Y/N): Y

												Roadway	10310	0000 - Ma	inline	Cores (	ML)							
								PA	VEMENT	LAYER (I	N.)					BASI	E			CRA	4 <i>CK</i>			
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	FC12.5	FC9.5	SP9.5	ARMI	s	\$2	BIND			TOTAL ASPHALT THICKNESS (IN.)	LR	ABC-2		STABILIZED SUBGRADE <sup>3</sup>	DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
20	0.226	ML	L1	Υ		1.3	1.7		1.3					4.3	11.5								F	
21	1.284	ML	L1	N		1.0	2.0				0.9			3.9	11.0			12.0					F	
22	1.407	ML	L1	Υ	1.5		1.4		0.9					3.8	11.0								F	
23	2.509	ML	R1	Υ	1.5		1.0				0.9			3.4	12.5								F	
24	2.901	ML	R1	Υ		1.0	1.2	0.5		2.0	1.4			6.1	9.8								F	
25	3.261	ML	R1	N		1.1	1.0	0.5		3.1	1.5			7.2	8.6								F	
26	0.215	ML	L2	Υ	1.5		1.4		1.9					4.8	12.5			12.0					F	
27	1.132	ML	L2	Y		1.1	1.6			0.8	1.8			5.3	8.6								F	Minor Raveling
28	1.542	ML	L2	Υ	1.6		1.5			0.6				3.7	8.1								F	
29	1.841	ML	L2	Υ	1.6		1.4				1.0			4.0	12.0								F	
32	3.056	ML	R2	N		1.1	1.3	0.5			0.7			3.6	11.9								F	
34	3.258	ML	R3	N		1.1	0.9	0.5			1.5			4.0	7.9			12.0					F	
36	0.852	ML	R1	N	1.7		2.5				8.0			5.0	10.0								F	
37	1.281	ML	R1	N	1.6		1.4				8.0			3.8	12.3								F	
39	2.556	ML	L1	N		1.2	1.3				0.8			3.3	10.3								F	
40	2.842	ML	L1	N	1.5		1.3	0.5			8.0			4.1	9.4								F	
41	3.294	ML	L1	N	1.6		1.0	0.5			1.3			4.4	9.6								F	
42	0.213	ML	R2	N	1.5		1.5		1.6					4.6	10.4			12.0					F	
43	1.066	ML	R2	Υ	1.9		1.1			0.6				3.6	12.4								F	
45	2.464	ML	L2	Υ	1.5		1.0				1.0			3.5	13.0								F	
46	2.664	ML	L2	Υ	1.5		0.7	0.6	3.7					6.5		7.5							F	
47	3.060	ML	L2	N		1.0	1.4	0.5			1.2			4.1	9.9								F	
48	2.941	ML	L3	Υ		1.2	1.6	0.5		0.5				3.8	12.3								F	
49	3.292	ML	L3	N		1.1	1.3	0.5		0.4				3.3	13.0			12.0					F	
69	0.007	ML	L1	N		1.1	2.0			1.0	1.9			6.0	9.6									Bridge #0112 Clearance Core
70	0.007	ML	R2	N	1.5		1.3				1.5			4.3	10.6									Bridge #0112 Clearance Core
71	3.098	ML	L1	N		1.1	1.2	0.5			1.0			3.8	9.3									Bridge #0226 Clearance Core
72	3.098	ML	R1	N		1.0	1.6	0.5		1.9	1.6			6.6	9.4									Bridge #0226 Clearance Core
83	1.288	ML	L2	Υ	1.5		1.2				0.7			3.4	12.6								F	
84	2.837	ML	R2	N		1.0	2.2	0.5			2.0			5.7	14.1								F	
85	1.294	ML	R2	N	1.5		1.2				1.1			3.8	12.3								F	
86	2.841	ML	R3	N		1.0	0.8	0.5			1.0			3.3	10.6								F	
AVERAGE					1.56	1.09	1.38	0.51	1.88	1.21	1.18			4.41	10.85	7.50		12.00						
MAX					1.90	1.30	2.50	0.60	3.70	3.10	2.00			7.20	14.13	7.50		12.00						
MIN					1.50	1.00	0.70	0.50	0.90	0.40	0.70			3.30	7.88	7.50		12.00						

## PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: AREHNA and DMO Coring Completion Date: 3/16/2022; 3/6/2024 Typical Section: 2

W.P.I. No.:		Name:	SR 580 W Busch Blvd			Lanes: 4	
Fin. Proj. ID: 435908-2		From:	N Dale Mabry Hwy			Shoulder Type and Condition:	
F.A. Project No.:	Roadway ID: 10310000	To:	N Nebraska Ave			Inside: -	
County: Hillsborough	SR No.: 580	Beg MP:	0.000	End MP: 3.34	44 Length: 3.344	Outside: -	
Overall Pavement Condition (from DMC	) field review): Fair	Median Curbed (Y/N):	N Paved	Law	vn Other:	Curb & Gutter (Y/N): Y	

												Roa	adway 10	0310000 -	Main	line	Cores	(ML)							
								P/	VEMENT	LAYER (I	V.)						BA	SE			CRA	4 <i>CK</i>			
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	FC12.5	FC9.5	SP9.5	ARMI	S	S2	BIND			TOTA ASPHA THICKN (IN.	LT	LR	ABC-2		STABILIZED SUBGRADE³	DEPTH (IN.)	Эdλ1	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	0.25	0.20				0	0.18	0.16		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.

_	o. At value of Other indicates material was offer	differed but the total thickness was not determined.						
	Lane Designations - Decreasing MP	Lane Designations - Increasing MP		Lane Type	Crack Type	Crack Rating	<u>Extent</u>	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

## PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: AREHNA and DMO Coring Completion Date: 3/16/2022; 3/6/2024 Typical Section: 2

W.P.I. No.:			Name:	SR 580 W Bus	sch Blvd			Lanes: 4
Fin. Proj. ID:	435908-2		From:	N Dale Mabry	Hwy			Shoulder Type and Condition:
F.A. Project No.:		Roadway ID: 10310000	To:	N Nebraska A	ve			Inside: -
County:	Hillsborough	SR No.: 580	Beg MP:	0.000	End MP	3.344	Length: 3.344	Outside: -
Overall	Pavement Condition (from DMO field	review): Fair	Median Curbed (Y/N):	N	Paved	Lawn	Other:	Curb & Gutter (Y/N): Y

												Roadw	ay 1031	0000 - Tur	n Lan	e Core	s (TL)							
								P/	VEMENT	LAYER (I	N.)					BA	ASE			CRA	4 <i>CK</i>			
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	FC12.5	FC9.5	SP9.5	ARMI	S	S2	BIND			TOTAL ASPHALT THICKNESS (IN.)	LR	ABC-2		STABILIZED SUBGRADE <sup>3</sup>	DEPTH (IN.)	ЭdA.1	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
50	0.075	TL	RL	Υ		1.0	1.3				2.2			4.5	10.5								F	
51	0.221	TL	RR	N		1.0	1.9		1.7					4.6	10.4								F	
52	0.314	TL	LL	Υ		1.3	1.6		2.9					5.8	10.3								F	
53	0.716	TL	RR	Υ		1.1	1.8							2.9	13.0								F	
54	0.789	TL	LL	N	1.5		1.0		0.4					2.9	12.1								F	
55	0.819	TL	RL	N	1.5		1.0				0.9			3.4	11.5								F	
56	0.978	TL	RL	N		1.1	1.1			0.3	2.0			4.5	11.5								F	
57	1.051	TL	LR	Υ		1.0	2.1			2.3				5.4	11.4								F	
58	1.291	TL	RL	N	1.5		1.1				1.0			3.6	11.4								F	
59	1.358	TL	LL	N		1.3	1.6				1.2			4.1	10.9								F	
61	2.195	TL	С	N	1.6		2.4							4.0	11.1								F	Center Gore
62	2.355	TL	LL	Υ	1.6		1.5				1.0			4.1	9.9								F	
63	2.839	TL	LR	Υ	1.5		0.9	0.5			1.4			4.3	8.5								F	
64	2.837	TL	LL	N	1.5		1.0			0.9	1.8			5.2	12.6								F	
65	2.938	TL	RL	N	1.5		1.2		4.5		1.5			8.7	4.6								F	Refusal Unable to reach bottom of base (cut to 14")
66	3.142	TL	LR	Υ		1.0	1.7		2.4					5.1	14.9								F	
67	3.257	TL	RL	N		1.0	2.1		0.9					4.0	16.0								F	
68	3.254	TL	LR	N		1.1	1.4		2.6					5.1	18.8								F	
AVERAGE					1.53	1.09	1.48	0.50	2.20	1.17	1.44			4.57	11.63									
MAX					1.60	1.30	2.40	0.50	4.50	2.30	2.20			8.70	18.75									
MIN					1.50	1.00	0.90	0.50	0.40	0.30	0.90			2.90	4.63									
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	0.25	0.20				0.18	0.16		0.08						

#### Notes:

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- 5. A blank cell indicates measurement was not recorded.
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_								
	Lane Designations - Decreasing MP	Lane Designations - Increasing MP		Lane Type	Crack Type	Crack Rating	<u>Extent</u>	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

## PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: AREHNA and DMO Coring Completion Date: 3/16/2022; 3/6/2024 Typical Section: 2

W.P.I. No.:			Name:	SR 580 W Bus	sch Blvd			Lanes:	4
Fin. Proj. ID:	435908-2		From:	N Dale Mabry	Hwy			Shoulder Type and	I Condition:
F.A. Project No.:		Roadway ID: 10310000	To:	N Nebraska A	ve			Inside:	-
County:	Hillsborough	SR No.: 580	Beg MP:	0.000	End	MP: 3.344	Length: 3.344	Outside:	-
Overall	Pavement Condition (from DMO field	review): Fair	Median Curbed (Y/N):	N	Paved	Lawn	Other:	Curb & Gutt	er (Y/N): Y

												Roadway 103	10000 - Sh	oulde	r Cores	s (S)								
							_	P	AVEMENT	LAYER (I	N.)				BA.	SE				CR/	ACK			
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	FC12.5	FC9.5	SP9.5	ARMI	s	S2	BIND		TOTAL ASPHALT THICKNESS (IN.)	LR	ABC-2			STABILIZED SUBGRADE ³	DEPTH (IN.)	Эdλ.	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
35	1.197	S	OL	N	1.9				2.1				4.0		2.0								F	- -
AVERAGE					1.90				2.10				4.00		2.00									
MAX					1.90				2.10				4.00		2.00									
MIN					1.90				2.10				4.00		2.00									
LAYER COEF.					0.25	0.25	0.25	0.00	0.25	0.25	0.20			0.18	0.16		-	0.08						

#### Motoo:

- 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.
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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

## PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: AREHNA Coring Completion Date: 3/16/2022 Typical Section: 3

W.P.I. No.:			Name:	SR597/Dale M	Mabry SB Off Ramp to	SR 580/Busch Blvd		Lanes: 1-2
Fin. Proj. ID:	435908-2		From:					Shoulder Type and Condition:
F.A. Project No.:		Roadway ID: 10160047	To:					Inside: -
County:	Hillsborough	SR No.: 580	Beg MP:	0.000	End MP:	0.173	Length: 0.173	Outside: -
Overal	Pavement Condition (from DMO field	Median Curbed (Y/N):	N	Paved	Lawn	Other:	Curb & Gutter (Y/N): N	

	Ra													amp 1	0160047 -	All C	ores								
								P/	VEMENT	LAYER (I	N.)			•			BA	SE			CR/	ICK			
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	FC3	FC12.5	FC9.5	SP9.5	S	\$2	BIND				TOTAL ASPHALT THICKNESS (IN.)	LR	ABC-2		STABILIZED SUBGRADE <sup>3</sup>	DEPTH (IN.)	TYPE	CLASS	EXTENT	PAVEMENT CONDITION	COMMENTS
73	0.029	ML	L1	Υ		1.4					1.5				2.9	11.1								F	
74	0.142	TL	LL	N		1.5			5.2						6.7		5.6		12.0					F	
75	0.147	ML	L1	N			1.2	0.7		1.0	2.5				5.4	10.6			12.0					F	
76	0.151	ML	L2	N		1.4				1.0	2.2				4.6	9.3								F	
77	0.154	ML	L2	Υ	1.2					1.0	2.8				5.0	13.0				5.0	С	≡	S	F	Base Crack
78	0.159	ML	L2	Υ	1.3					2.5	2.2				6.0	10.0								F	
79	0.155	ML	L1	N	0.7					0.9	2.2				3.8	13.0				3.8	С	≡	S	F	
80	0.156	TL	LL	N	0.8				1.3	1.0	2.0				5.1	12.9								F	
81	0.16	ML	L1	N	1.1				1.0	1.5	2.0				5.6	10.4								F	
82	0.158	TL	LL	N	1.0				5.0						6.0		5.5		6.5					F	
AVERAGE					1.02	1.43	1.20	0.70	3.13	1.27	2.18				5.11	11.28	5.55		10.17	4.40					
MAX					1.30	1.50	1.20	0.70	5.20	2.50	2.80				6.70	13.00	5.60		12.00	5.00					
MIN					0.70	1.40	1.20	0.70	1.00	0.90	1.50				2.90	9.25	5.50		6.50	3.80					
LAYER COEF.					0.17	0.25	0.25	0.25	0.25	0.25	0.20					0.18	0.16		0.08	_					

#### Notos:

- 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 "LINK" indicates material was encountered but the total thickness was not determined

b. A value of UNK indicates material was enco	buntered but the total thickness was not determined.						
Lane Designations - Decreasing MP	Lane Designations - Increasing MP		Lane Type	Crack Type	Crack Rating	<u>Extent</u>	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

## PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored By: **AREHNA** Coring Completion Date: 3/26/2024 Typical Section: 1

W.P.I. No.:		Name:	US 41 / SR 45 - N Nebraska	a Ave		Lanes: 2
Fin. Proj. ID: 435908-2		From:				Shoulder Type and Condition:
F.A. Project No.:	Roadway ID: 10040000	To:				Inside: N
County: Hillsborough	SR No.: 45	Beg MP:	5.666 En	nd MP: 5.717	Length: 0.051	Outside: N
Overall Pavement Condition (from D	MO field review): Fair	Median Curbed (Y/N):	Y Paved	Lawn	Other: Conc	Curb & Gutter (Y/N): N

	DAVEMENT LAVED (IN )											adway 1	0040000	- All Core	es							
	PAVEMENT LAYER (IN.)													BASE				CRACK				
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	FC12.5	FC9.5	SP12.5	SP9.5	s				TOTAL ASPHALT THICKNESS (IN.)	LR		STABILIZED	SUBGRADE 3	7.VDE		CLASS	PAVEMENT CONDITION	COMMENTS
90	5.666	ML	L2	N	1.8		0.8		1.3				3.9	9.0		12	.0				F	
91	5.668	ML	L1	N		0.9		1.8					2.7	6.0							F	
92	5.670	TL	RL	N		0.9		1.7					2.6	9.8							F	
93	5.668	ML	R1	N		1.0		1.7	0.5				3.2	9.5		12	.0				F	
94	5.672	ML	R2	Υ		1.1		2.0	0.2				3.3	13.8							F	
95	5.674	TL	RR	N		1.0		2.5					3.5	11.8							F	
96	5.717	ML	R2	N	1.5				1.8				3.3	11.8							F	
97	5.717	ML	R1	Υ	1.7		1.0		1.2				3.9	12.5		12	.0				F	
98	5.709	TL	LL	N	1.7		1.7						3.4	11.8		12	.0				F	Bleeding
99	5.710	ML	L1	N	1.9		1.3		0.2				3.4	12.5							F	Bleeding
100	5.712	ML	L2	N	1.2			1.0	0.5				2.7	11.0							F	
AVERAGE					1.63	0.98	1.20	1.78	0.81				3.26	10.86		12	00					
MAX					1.90	1.10	1.70	2.50	1.80				3.90	13.80			00					
MIN					1.20	0.90	0.80	1.00	0.20				2.60	6.00		12	00					
LAYER COEF.					0.25	0.25	0.25	0.25	0.25					0.18		0.	)8					

#### Notes:

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- 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.

O. A value of Otto indicates material was end	buttered but the total thickness was not determined.						
Lane Designations - Decreasing MP	Lane Designations - Increasing MP		Lane Type	Crack Type	Crack Rating	<u>Extent</u>	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