

TABLE 1
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
PAVEMENT EVALUATION CORING AND CONDITION DATA

675-030-09
Materials
3/13

Cored by: E. PUCKETT, ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC. (EGS) Date: 4/20/2022 Page: 1 of 4 Typical Section No.: 1

Roadway Section: 35050000		Name: SR 55 (US 221)		Lanes: 2	
Fin. Proj. ID: 210505-4-52-01		From: SR 10 (US 90)		Shoulder Type and Condition:	
F. A. Proj. No.:		To: JEFFERSON COUNTY LINE		Inside: NONE	
County: MADISON	SR No.: SR 55 (US 221)	Beg MP: 12.621	End MP: 19.356	Lgth: 6.735	Outside: PAVED - 4'
Median Curbed (Y / N): N	Paved	Lawn	Other:	Curb & Gutter (Y / N): N	

Core No.	Milepost	Lane	Wheel Path	Pavement Layer (in.)						Base (in.) ¹		Crack				Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direct.	PROJECT COMMENTS
				Top	SP12.5	ARMI	T1	ST	Core Lgth. (in.)	LR	Sand-Clay	Depth (in.)	Type	Class	Extent					
1	12.815	R1	O	1.3	1.7	0.5	2.9	0.7	7.1		--	3.50	B	II	M	P				
2	13.200	R1	I	1.3	2.1	0.5	2.3	0.6	6.8		--	6.80	B	III	M	P				SHOVING, TRANSVERSE CRACK
3	13.500	R1	I	1.6	2.2	0.5	1.4	0.4	6.1		4.0	3.30	B	II	S	P				SHOVING
4	13.800	R1	O	1.3	1.7	0.5	2.7	0.7	6.9		--	2.40	B	II	S	P				3.3 in. BOTTOM UP CRACK, SHOVING
5	14.200	R1	I	2.0	2.2	0.5	2.8	0.7	8.2		--	2.00	B	II	M	P				SUPERELEVATED CURVE
6	14.584	R1	I	1.5	2.1	0.5	1.2	0.5	5.8		--	2.00	B	II	M	P				SHOVING
7	14.800	R1	O	1.6	2.0	0.5	3.0	0.8	7.9		--	2.10	B	II	M	P				SHOVING
8	15.225	R1																		OMITTED IN THE FIELD PER FDOT
9	15.478	R1	N	1.6	1.7	0.5	2.7	0.7	7.2	--		1.60	B	II	M	P				
10	15.800	R1	O	1.3	1.8	0.5	3.7		7.3	--		7.30	B	II	M	P				SHOVING, WIDENING
11	16.315	R1	N	0.7	3.5	0.5	3.3	0.8	8.8		3.6					P				MODERATE RAVELING, PATCH, SPALLING
12	16.500	R1	I	1.5	1.4	0.5	2.3	0.4	6.1		--	2.90	B	II	M	P				SHOVING, TRANSVERSE CRACK
13	16.915	R1	I	1.7	1.7	0.5	2.4	0.6	6.9		--	1.70	B	IB	M	P				SHOVING
14	17.181	R1	I	1.3	2.1	0.5	2.1	0.7	6.7		--	0.20	B	IB	M	P				SHOVING
15	17.500	R1	I	1.4	1.9	0.5	1.5	0.6	5.9		--					F				
16	17.810	R1	O	1.4	3.4	0.5	2.2		7.5		--					P				SHOVING
17	18.121	R1	O	0.9	3.0	0.5	4.6	0.7	9.7		--	0.90	B	III	S	P				SEVERE RAVELING, SHOVING, SPALLING

NOTES: 1. DASHES INDICATE BASE WAS ENCOUNTERED BUT THICKNESS WAS NOT MEASURED.

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Fin. Proj. ID: 210505-4-52-01	From: SR 10 (US 90)	Shoulder Type and Condition:
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County: MADISON	SR No.: SR 55 (US 221)	Beg MP: 12.621 End MP: 19.356 Lgth: 6.735
Median Curbed (Y / N): N	Paved	Lawn Other: Curb & Gutter (Y / N): N

Core No.	Milepost	Lane	Wheel Path	Pavement Layer (in.)							Base (in.) ¹		Crack			Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direct.	PROJECT COMMENTS		
				Top	SP12.5	ARMI	SP12.5	T1	ST	Core Lgth. (in.)	LR	Sand-Clay	Depth (in.)	Type	Class						Extent	
19	18.901	R1	O	1.2	2.3	0.5		2.8	0.6	7.4		--	4.00	B	II	M	P				MODERATE RAVELING, SHOING	
20	19.200	R1	I	1.5	1.5	0.5		2.5		6.0		--	1.50	B	IB	M	P				SHOVING	
21	12.680	L1	O	1.6	1.4	0.5		4.2		7.7	--						P					
22	13.000	L1	N	1.5	1.6	0.5		4.2	0.5	8.3		--	8.30	B	II	M	P				SUPERELEVATED CURVE	
23	13.385	L1	O	1.3	1.5	0.5		2.2	0.5	6.0		--	6.00	B	IB	M	P					
24	13.738	L1	O	1.4	1.7	0.5	1.2			4.8	--						P				WIDENING	
25	13.900	L1																			OMITTED IN THE FIELD PER FDOT	
26	14.090	L1	O	1.2	1.8	0.5		3.3	0.6	7.4		--	7.40	B	II	M	P				SUPERELEVATED CURVE	
27	14.495	L1	N	1.4	1.8	0.5		3.7	0.5	7.9		7.2	3.70	B	II	M	P					
28	14.900	L1	O	1.6	1.7	0.5		3.4	0.9	8.1		--	2.80	B	IB	M	P					
29	15.290	L1	N	0.7	1.6	0.5		3.2	0.6	6.6	--		2.80	B	III	S	P				SEVERE RAVELING	
30	15.510	L1																			OMITTED IN THE FIELD PER FDOT	
31	15.900	L1	O	0.9	6.3					7.2		--	0.90	B	IB	M	P					SEPARATION AT 2.1 in.
32	16.244	L1	I	1.8	1.2	0.5		4.0	0.7	8.2		--					P				SHOVING, SUPERELEVATED CURVE	
33	16.651	L1	N	1.0	2.2	0.5		3.7	0.6	8.0		--	8.00	B	III	M	P					TRANSVERSE CRACK
34	16.818	L1	O	1.3	1.7	0.5		3.2	0.7	7.4		--	7.40	B	III	S	P					GRINDING, LIGHT RAVELING, TRANSVERSE CRACK
35	17.300	L1	O	1.5	1.6	0.5		3.0	0.6	7.2		--	7.20	B	IB	L	P					
36	17.504	L1	N	1.1	1.9	0.5		2.9	0.6	7.0			4.7	7.00	B	III	S	P				SEVERE RAVELING

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County:	MADISON	SR No.:	SR 55 (US 221)	Beg MP:	12.621	End MP:	19.356	Lgth:	6.735	Outside:	PAVED - 4'
Median Curbed (Y / N):	N	Paved		Lawn		Other:		Curb & Gutter (Y / N):	N		

Core No.	Milepost	Lane	Wheel Path	Pavement Layer (in.)						Base (in.) ¹			Crack				Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direct.	PROJECT COMMENTS
				Top	SP12.5	ARMI	T1	ST	Core Lgth. (in.)	LR	RAP	Sand-Clay	Depth (in.)	Type	Class	Extent					
37	17.880	L1	O	1.2	3.7	0.5	1.3		6.7			--	1.20	B	IB	L	F				SHOVING
38	18.353	L1	O	1.6	3.6	0.5	3.9	0.9	10.5			--					P				
39	18.651	L1	N	1.3	4.1	0.5	6.0	0.8	12.7			--	1.30	B	II	M	P				MODERATE RAVELING, SHOVING, SUPERELEVATED CURVE
40	18.932	L1	O	1.6	1.8	0.5	1.7		5.6			--	5.60	B	III	M	P				TRANSVERSE CRACK
41	19.321	L1	O	1.3	1.5	0.5	2.1	0.4	5.8			--	5.80	B	II	S	P				MODERATE RAVELING
42	12.800	OR	N	1.5	1.5				3.0		3.3		3.00	B	II	M	P				
43	13.800	OR	N	1.4					1.4		--		1.40	B	II	M	P				TRANSVERSE CRACK
44	14.800	OR	N	1.5	1.0				2.5		--						G				
45	15.800	OR	N	1.5	1.5				3.0	--							G				
46	16.915	OR	N	1.7					1.7		4.1						G				
47	17.810	OR	N	1.6	1.6				3.2		--						G				
48	18.901	OR	N	1.5			3.3		4.8		--						G				
49	12.680	OL	N	1.3	1.9				3.2		--						G				
50	13.738	OL	N	1.2	0.8				2.0		3.5						G				
51	14.900	OL	N	1.5	0.9				2.4		--						G				
52	15.900	OL	N	1.7					1.7		--						G				
53	16.818	OL	N	1.5					1.5		--						G				
54	17.880	OL	N	1.5					1.5		--						G				

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County: MADISON	SR No.: SR 55 (US 221)	Beg MP: 12.621	End MP: 19.356	Lgth: 6.735	Outside: PAVED - 4'
Median Curbed (Y / N): N		Lawn		Other:	
				Curb & Gutter (Y / N): N	

Core No.	Milepost	Lane	Wheel Path	Pavement Layer (in.)				Base (in.) ¹			Crack				Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direct.	PROJECT COMMENTS	
				Top	SP12.5	T1	Core Lgth. (in.)	LR	RAP	Sand-Clay	Depth (in.)	Type	Class	Extent						
55	18.932	OL	N	1.8			1.8		4.7			1.80	B	III	M	P				TRANSVERSE CRACK
56	12.625	LR TTL	N	1.7	2.2	0.8	4.7	--				1.50	B	IB	M	P				
57	12.914	RTO	N	1.9			1.9	--								P				NW HAFFYE DRIVE, SEVERE RAVELING
58	13.002	LTO	N	1.2	5.7		6.9			--						P				NW CR 140, MODERATE RAVELING
59	13.674	RR TTL	O	1.5	2.8		4.3	--								F				
60	14.842	RTO	N	1.0	1.8		2.8	--								P				CR 140, SEVERE RAVELING
61	15.801	LTO	N	1.8	1.7		3.5			--						P				NW HONEY LAKE ROAD, MODERATE RAVELING

NOTES: 1. DASHES INDICATE BASE WAS ENCOUNTERED BUT THICKNESS WAS NOT MEASURED.

TABLE 2
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
BRIDGE APPROACH SLAB SUBSURFACE CONDITION

Cored by: E. PUCKETT, ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC. (EGS) Date: 4/20/2022 Page: 1 of 1 Typical Section No.: 1

Roadway Section: 35050000	Name: SR 55 (US 221)	Lanes: 2
Fin. Proj. ID: 210505-4-52-01	From: SR 10 (US 90)	Shoulder Type and Condition:
F. A. Proj. No.:	To: JEFFERSON COUNTY LINE	Inside: NONE
County: MADISON	SR No.: SR 55 (US 221) Begin MP: 12.621 End MP: 19.356 Length: 6.735	Outside: PAVED - 4'

Core Number	Milepost	Lane	Bridge Number	Slab Location	Thickness of Slab ¹ (in.)	Depth of Void ¹ Encountered (in.)	Subsoil Conditions ¹	Thickness of Asphalt Overlay (in.)	Comments
1	15.226	R1	350018	OVERLAY				3.7	CRACK TO ARMI LAYER
2	18.471	R1	350920	OVERLAY				8.5	PAVEMENT LAYERS: FC12.5 - 1.6in., SP12.5 - 3.6in., ARMI - 0.5in., T1 - 2.8in.
3	15.510	L1	350019	OVERLAY				3.3	FULL DEPTH CRACK

NOTES: 1. CORED TO TOP OF CONCRETE PER FDOT.