

State of Florida Department of Transportation
PAVEMENT EVALUATION CORING AND CONDITION DATA SHEET

675-030-09
Materials

Cored/Logged By: Meskel & Associates Engineering, PLLC Date: 6/24/24 & 6/25/24 Page: 1 of 8 Typical Section No.: 1

Roadway Section:	76050000	Name:	SR 20			Lanes: 4
FIN Project ID:	210004-7	From:	Rowland Avenue			Shoulder Type and Condition: G / F / P
Federal Project No.:	N/A	To:	South Palm Avenue			Inside: 2 ft. Paved
County: Putnam	SR No.: SR 20	Begin MP:	15.956	End MP:	24.503	Length: 8.547
Outside: 5 ft. Paved & 4 ft. Paved						
Median Curbed (Y / N): Y	() Paved (X) Lawn Other: RAISED TRAFFIC SEPARATOR (TFSP)					Curb & Gutter (Y / N): Y

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK			PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (I=In / O=out)	COMMENTS
				TOP FC-5	TOP FC-6	TOP FC 12.5	SP 12.5	T-1			CORE LENGTH (in.)	TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT				
P1	16.100	R1	I	0.9			3.5				4.4	ABC	9.2	2.1	S	IB	M	P			RAVELING, TRANSVERSE CRACKING
P3	16.500	R1	O	0.8			3.6				4.4	ABC	9.3	1.2	S	IB	L	P			LIGHT RAVELING, TRANSVERSE CRACKING
P4	17.007	R1	N	0.8			3.3				4.1	ABC	8.7					G			
P6	17.273	R1	I	0.9			3.6				4.5	ABC	8.1					P			RAVELED TO STRUCTURAL 1.5", SPALLING
P7	17.780	R1	I	0.9			3.2				4.1	ABC	4.6	2.7	B	III	S	P			SEVERELY RAVELED, SPALLING, LONGITUDINAL CRACKING
P9	18.001	R1	N	0.8			0.6	4.7			6.1	LR						P			RAVELING, +/-
P10	18.680	R1	N	1.1			3.0				4.1	ABC	10.6	3.0	B	II	M	P			TRANSVERSE CRACKING, RAVELING, SPALLING
P12	19.025	R1	O	1.0			3.6				4.6	ABC	9.1	2.0	B	III	S	P			SEVERELY RAVELED, SPALLING, LONGITUDINAL CRACKING, RAVELED TO STRUCTURAL 0.7"
P13	19.250	R1	I	1.0			3.4				4.4	ABC	9.0	2.7	S	IB	M	P			RAVELED, SPALLING, LONGITUDINAL CRACKING
P16	19.834	R1	N		0.6		2.5				3.1	ABC	9.9	2.4	B	III	S	P			RAVELED TO STRUCTURAL .75", SPALLED, TRANSVERSE CRACKING
P17	20.200	R1	O		1.0		3.3				4.3	ABC	10.6	0.1	S	IB	L	P			LIGHT RAVELING & SPALLING. LONGITUDINAL CRACKING
P18	20.683	R1	I		1.2		2.8				4.0	ABC	8.1	3.8	B	II	M	P			SPALLING, LONGITUDINAL CRACKING
P19	21.200	R1	O		1.4		3.5				4.9	ABC	8.8	3.6	B	II	M	P			SPALLING, LONGITUDINAL CRACKING, SEPARATION AT SP/BASE
P20	21.700	R1	I		1.7		2.8				4.5	ABC	7.5	2.5	S	IB	M	P			LONGITUDINAL CRACKING
P22	22.200	R1	N		1.7		2.4				4.1	ABC	7.8	2.2	B	IB	M	P			LIGHT SPALLING, LONGITUDINAL CRACKING
P23	22.670	R1	N		2.1		3.2				5.3	ABC	9.3	1.8	S	IB	L	P			LONGITUDINAL CRACKING
P24	23.200	R1	I		1.5		3.0				4.5	ABC	6.4	1.0	S	IB	L	P			LONGITUDINAL CRACKING
P25	23.658	R1	N		1.9		3.6				5.5	ABC	7.1					G			
P27	24.341	R1	I		1.0		1.9				2.9	LR	8.0	2.9	S	IB	M	P			BASE CHECK, LIGHT SPALLING, TRANSVERSE CRACKING
P53	16.224	R2	O	0.9			3.1				4.0	ABC	8.5					P			RAVELING

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Cored/Logged By: Meskel & Associates Engineering, PLLC Date: 6/24/24 & 6/25/24 Page: 2 of 8 Typical Section No.: 1

Roadway Section:	76050000	Name:	SR 20			Lanes: 4	
FIN Project ID:	210004-7	From:	Rowland Avenue			Shoulder Type and Condition:	G / F / P
Federal Project No.:	N/A	To:	South Palm Avenue			Inside: 2 ft. Paved	
County: Putnam	SR No.: SR 20	Begin MP:	15.956	End MP:	24.503	Length:	8.547
Median Curbed (Y / N): Y		() Paved (X) Lawn Other: RAISED TRAFFIC SEPARATOR (TFSP)					Curb & Gutter (Y / N): Y

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				TOP FC-5	TOP FC-6	TOP FC 12.5	SP 12.5	T-1			CORE LENGTH (in.)	TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
P55	16.780	R2	O				2.6				2.6	ABC	9.0	0.1	S	IB	L	P				RAVELED TO STRUCTURAL, NO FC
P57	17.200	R2	I	0.8			2.8				3.6	ABC	8.5					P				RAVELED
P58	17.930	R2	O	0.9			0.7	6.0			7.6	LR	9.25					P				BASE CHECK, RAVELED
P60	18.096	R2	N	1.0			0.9	3.0			4.9	LR						F				*+/-
P61	18.350	R2	O	0.9			4.4				5.3	ABC	8.3	2.3	S	IB	M	P				SEVERELY RAVELED, LONGITUDINAL CRACKING
P62	18.850	R2	O	1.0			3.9				4.9	ABC	9.2					P				RAVELED
P64	19.250	R2	I	1.0			3.2				4.2	ABC	9.2					P				RAVELED
P65	19.950	R2	O	1.0			3.1				4.1	ABC	8.6					P				RAVELED
P67	20.222	R2	I		1.0		2.9				3.9	ABC	13.0					P				RAVELED
P68	20.700	R2	O		1.3		3.2				4.5	ABC	8.5	3.5	S	IB	M	P				SPALLED, LONGITUDINAL CRACKING
P70	21.100	R2	O		1.5		2.9				4.4	ABC	10.5	3.0	B	IB	M	P				SPALLING, SEPARATED AT SP/BASE
P71	21.427	R2	O		1.2		3.1				4.3	ABC	10.6	1.9	S	IB	L	F				LIGHT SPALLING, LONGITUDINAL CRACKING
P75	22.026	R2	O		1.8		3.2				5.0	ABC	9.5	3.7	S	IB	L	F				LIGHT SPALLING, LONGITUDINAL CRACKING
P76	22.398	R2	O		1.5		2.2				3.7	ABC	8.8	3.5	S	IB	L	F				LONGITUDINAL CRACKING
P78	22.900	R2	I		1.1		2.6				3.7	ABC	10.0	3.9	B	IB	M	F				LIGHT SPALLING, LONGITUDINAL CRACKING
P79	23.135	R2	I		1.4		3.2				4.6	ABC	7.2	3.5	B	III	S	P				SPALLING, TRANSVERSE CRACKING, SEPARATED AT FC/STRUCTURAL
P81	23.804	R2	I		1.0			1.5			2.5	LR	10.0					F				BASE CHECK, BOTTOM UP CRACK 1.4"
P84	24.200	R2	I		1.0		1.1	0.8			2.9	LR		2.9	B	IB	M	F				LIGHT SPALLING, LONGITUDINAL CRACKING
P85	24.500	R2	N		1.0		0.8				1.8	LR						G				
P28	24.487	L1	I		1.2		1.3				2.5	LR	10.0	2.5	B	II	M	P				BASE CHECK, SPALLING

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Roadway Section:	76050000	Name:	SR 20			Lanes: 4	
FIN Project ID:	210004-7	From:	Rowland Avenue			Shoulder Type and Condition:	G / F / P
Federal Project No.:	N/A	To:	South Palm Avenue			Inside: 2 ft. Paved	
County: Putnam	SR No.: SR 20	Begin MP:	15.956	End MP:	24.503	Length:	8.547
Median Curbed (Y / N): Y		() Paved (X) Lawn Other: RAISED TRAFFIC SEPARATOR (TFSP)					Curb & Gutter (Y / N): Y

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				TOP FC-5	TOP FC-6	TOP FC 12.5	SP 12.5	T-1			CORE LENGTH (in.)	TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
P29	24.303	L1	O		1.0		1.1				2.1	LR		2.1	B	II	M	P				SPALLING, LONGITUDINAL CRACKING
P30	23.816	L1	O		0.8		1.0				1.8	LR		1.8	B	III	S	P				SPALLING 1.8", LONGITUDINAL CRACKING
P31	23.250	L1	O		1.8		3.4				5.2	ABC	8.5	1.3	B	II	M	P				LIGHT SPALLING, LONGITUDINAL CRACKING
P32	22.700	L1	I		1.9		2.8				4.7	ABC	7.5	1.0	B	IB	M	P				LIGHT SPALLING, LONGITUDINAL CRACKING
P33	22.200	L1	O		1.5		2.9				4.4	ABC	8.6	1.5	S	IB	L	P				LIGHT SPALLING, LONGITUDINAL CRACKING
P35	21.615	L1	I		1.1		3.5				4.6	ABC	9.2	2.1	S	IB	L	P				LIGHT SPALLING, LONGITUDINAL CRACKING
P36	21.220	L1	O		1.5		2.0				3.5	ABC	9.8	1.5	B	IB	L	P				LIGHT SPALLING, LONGITUDINAL CRACKING
P37	20.700	L1	I		1.8		2.9				4.7	ABC	8.7	1.1	S	IB	L	P				LIGHT SPALLING, TRANSVERSE CRACKING
P38	20.304	L1	I		1.0		3.3				4.3	ABC	9.8	1.0	B	III	S	P				RAVELED TO STRUCTURAL, SEVERE SPALLING 1.4"
P39	19.600	L1	I	1.0			3.9				4.9	ABC	9.7					P				RAVELING
P41	19.110	L1	O	1.0			3.4				4.4	ABC	9.1					P				RAVELING
P43	18.500	L1	O	1.0			3.6				4.6	ABC	9.0					P				RAVELED
P45																						BRIDGE APPROACH-RICE CREEK, RAVELED
P46	17.993	L1	I	2.2			2.8				5.0	ABC	9.7					P				RAVELED, +/-
P47	17.500	L1	I	0.9			2.9				3.8	ABC	10.8					P				SEVERE RAVELING, RAVELED TO STRUCTURAL
P49	17.039	L1	O	1.0			2.7				3.7	ABC	10.1					P				SEVERELY RAVELED
P50	16.400	L1	O		1.1		3.3				4.4	ABC	9.3	1.1	S	IB	L	P				RAVELING, LONGITUDINAL CRACKING
P52	16.100	L1	O		1.0		3.6				4.6	ABC	9.3					F				
P87	24.500	L2	I		1.6		1.7				3.3	LR						P				MAINTENANCE PATCH
P89	24.147	L2	O		1.0		0.9	1.4			3.3	LR		3.3	B	IB	M	P				SPALLING

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Cored/Logged By: Meskel & Associates Engineering, PLLC Date: 6/24/24 & 6/25/24 Page: 5 of 8 Typical Section No.: 1

Roadway Section:	76050000	Name:	SR 20	Lanes: 4
FIN Project ID:	210004-7	From:	Rowland Avenue	Shoulder Type and Condition: G / F / P
Federal Project No.:	N/A	To:	South Palm Avenue	Inside: 2 ft. Paved
County: Putnam	SR No.: SR 20	Begin MP: 15.956	End MP: 24.503	Length: 8.547
Median Curbed (Y / N): Y () Paved (X) Lawn Other: RAISED TRAFFIC SEPARATOR (TFSP)				Curb & Gutter (Y / N): Y

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (In / Out)	COMMENTS
				TOP FC-5	TOP FC-6	TOP FC 12.5	SP 12.5	T-1			CORE LENGTH (in.)	TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
P66	19.950	OR	N	1.3			3.0				4.3	ABC	3.4					G				
P69	20.700	OR	N		1.0		3.0				4.0	ABC	10.4					G				
P72	21.427	OR	N		1.3		2.9				4.2	ABC	9.8					G				
P77	22.398	OR	N		1.4		3.3				4.7	ABC	8.0	1.3	S	IB	L	F				
P82																						
P86																						
P5	17.007	IR	N	0.8			3.5				4.3	ABC	3.5					G				
P8	17.780	IR	N	0.8			2.8				3.6	ABC	3.2					G				
P11	18.680	IR	N	1.0			2.6				3.6	ABC	3.2					G				
P14	19.250	IR	N		1.0		2.0				3.0	ABC	5.0					G				
P90																						
P93	23.300	OL	N		1.8		3.0				4.8	ABC	8.8					G				
P97	22.300	OL	N		2.2		1.8				4.0	ABC	10.7					G				
P101	21.300	OL	N		1.6		0.9				2.5	ABC	10.1					G				BOTTOM UP BASE SEPARATION AT 7.9"
P105	20.330	OL	N		2.5		2.7				5.2	ABC	8.8					G				
P108	19.200	OL	N	1.2			2.5				3.7	ABC	2.9					G				
P111	18.096	OL	N	0.6			3.0				3.6	ABC	2.9					G				
P115	17.039	OL	N	0.8			3.8				4.6	ABC	3.2					G				
P118	15.960	OL	N			1.2	2.5				3.7	ABC	2.9					G				
P40	19.600	IL	N	1.2			2.2				3.4	ABC	10.5					G				

Typical Section No.: 1

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (Inn / Outout)	COMMENTS		
				TOP FC-5	TOP FC-6	TOP FC 12.5	SP 12.5	T-1			CORE LENGTH (in.)	TYPE	THICK-NESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT							
P44	18.500	IL	N	1.2			3.3				4.5	ABC	2.7					G						
P48	17.500	IL	N	1.0			1.8				2.8	ABC	5.0					G						
P54	16.379	RTO	N	1.0			2.4				3.4	ABC	5.0					F					DIVISION OF FORESTRY, RAVELING	
P73											0.0													
P74	21.999	RTO	N		1.1		3.0				4.1	ABC	7.4					F					ROUND LAKE ROAD	
P83	23.868	RTO	N		0.9		0.9				1.8	LR						F					HIGHLAWN AVENUE	
P15	19.400	RLTTL	N		1.4		3.5				4.9	ABC	9.4					F						
P21	22.120	RLTTL	N		2.0		2.8				4.8	ABC	9.2					F						
P26	24.131	RLTTL	I		1.5		3.2				4.7	ABC	4.9					F						
P80	23.480	RRTTL	I		1.2		3.3				4.5	ABC	6.0					F						
P88	24.385	LTO	N		1.2		2.3				3.5	LR						F					ELWOOD AVENUE	
P98	22.097	LTO	N		2.4		1.6				4.0	ABC	9.9					G					TERRA WOOD DRIVE	
P102	21.200	LTO	N		1.8		3.0				4.8	ABC	9.1					G					FRANCIS CHURCH ROAD	
P34	21.703	LLTTL	N		1.8		3.2				5.0	ABC	8.5					F						
P42	18.604	LLTTL	N				3.0				3.0	ABC	11.1					P					RAVELED TO STRUCTURAL 0.7"	
P51	16.250	LLTTL	I		1.3		2.2				3.5	ABC	10.8	2.2	S	IB	M	P					LIGHT SPALLING, LONGITUDINAL CRACKING	
P95	22.740	LRTTL	N		2.6		2.8				5.4	ABC	8.2					F					SEPARATED AT STRUCTURAL	
P2	16.215	C/O	N	0.8			3.4				4.2	ABC	9.0					F					CROSSOVER - PAVED CENTER TURN LANE, RAVELED	
REMARKS:		R1				R2				L1				L2				PC = Pavement Change MP = Maintenance Patch						
		15.963 PC				15.963 PC				16.373 PC				16.373 PC										
										20.306-20.246 MP				20.306-20.246 MP										
		23.280-23.236 MP				23.280-23.236 MP				23.280-23.236 MP				23.280-23.236 MP										
		23.727-23.776 PC SR 19				23.727-23.776 PC SR 19				23.727-23.776 PC SR 19				23.727-23.776 PC SR 19										
		24.543 PC				24.543 PC				24.543 PC				24.543 PC										

PAVEMENT EVALUATION CORING AND CONDITION DATA SHEET - **EXTRA INFORMATIONAL CORES**Cored/Logged By: Meskel & Associates Engineering, PLLCDate: 6/24-25/24Page: 7 of 8Typical Section No.: 1

Roadway Section:	76050000	Name:	SR 20			Lanes: 4	
FIN Project ID:	210004-7	From:	Rowland Avenue			Shoulder Type and Condition:	G / F / P
Federal Project No.:	N/A	To:	South Palm Avenue			Inside: 2 ft. Paved	
County: Putnam	SR No.: SR 20	Begin MP:	15.956	End MP:	24.503	Length:	8.547
Median Curbed (Y / N): Y						() Paved (X) Lawn Other: Raised Traffic Separator (TFSP)	
						Curb & Gutter (Y / N): Y	

CORE NO.	MILE POST	LANE	WHEEL PATH (Y or N)	PAVEMENT LAYER (in.)								BASE		CRACK				PAVT. COND.	RUT DEPTH (in.)	CROSS SLOPE (%)	SLOPE DIRECTION (to in / O=out)	COMMENTS
				TOP FC-5	TOP FC-6	SP 12.5	T-1				CORE LENGTH (in.)	TYPE	THICKNESS (in.)	DEPTH (in.)	TYPE	CLASS	EXTENT					
P-B	18.113	L1	N	0.7		2.4	5.5				8.6	LR						P				BRIDGE LEAVE, RAVELING
P-C	23.300	IR	N		1.4	2.8					4.2	ABC	7.3					G				
P-D	24.341	IR	N		1.0						1.0	CONC						G				ASPHALT OVERLAY ON CONCRETE C&G
P-A	21.615	IL	N		1.4	3.1					4.5	ABC	9.4					G				

REMARKS:

PAVEMENT EVALUATION CORING AND CONDITION DATA SHEET - BRIDGE APPROACH SLAB SUBSURFACE CONDITION

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Date: 6/24/24 & 6/25/24

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Roadway Section:	76050000	Name:	SR 20	Lanes: 4
FIN Project ID:	210004-7	From:	Rowland Avenue	
Federal Project No.:	N/A	To:	South Palm Avenue	
County: Putnam	SR No.: SR 20	Begin MP:	15.956	End MP: 24.503
		Length:	8.547	

CORE NO.	MILE POST	LANE	BRIDGE NUMBER	SLAB LOCATION	THICKNESS OF SLAB (INCHES)	VOID ENCOUNTERD* (INCHES)	SUB SOIL CONDITION**	THICKNESS OF ASPHALT OVER SLAB (INCHES)	COMMENTS
45	18.096	L1	760060					1.7	CONCRETE SLAB, BRIDGE APPROACH, SEE CORE P45
112	18.001	L2	760060					2.4	CONCRETE SLAB, BRIDGE LEAVE, SEE CORE P112

REMARKS: