

Pavement Evaluation Coring and Condition Data

Cored By: UNIVERSAL	Date: 9/30-10/1/19	Page 1 of 9	Typical Section: 1 of 4
Project No.: 445402-1-52-01	Name: SR47	Lanes: 2	
State Road No.: SR47	From: US27	Shoulders	
County: COLUMBIA	To: SOUTH OF I-75	Inside: -	
Section No: 290200000	Beg MP: 4.312	End MP: 18.665	Length: 14.353
			Outside: 4' PVD/CURB&GUTTER

Core Number	Mile Post	Lane	Wheel Path	Pavement Layer						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				← top								Depth	Type	Class	Extent					
				FC125	SP125	ARMI	SP125	S1	T2											
1	4.400	R1	N	1.4	1.9	0.5		1.0	2.5	7.3	SBRM=6.2					F				
2	4.692	R1	O	1.3	2.8	0.5	5.0			9.6	LR					F				
3	4.900	R1	O	1.7	2.7	0.5	4.5			9.4	LR=9.1					F				
4	5.400	R1	O	1.2	1.4	0.5			2.8	5.9	SBRM=5.1					F				
5	5.900	R1	O	1.2	1.9	0.5		1.0	4.2	8.8	SBRM=5.5	8.8	B	II	L	P				light raveling/spalling
6	6.450	R1	O	1.3	2.1					3.4	ABC=7.0					F				light raveling
7	6.900	R1	O	1.1	2.0				2.5	5.6	SBRM=7.0	2.3	B	IB	L	P				light raveling
8	7.400	R1	N	1.2	1.5	0.5		1.3	4.2	8.7	SBRM=3.7	8.7	B	II	M	P				light raveling/spalling
9	7.900	R1	O	1.5	1.3	0.5		1.6	3.0	7.9	SBRM=5.0					P				patch
10	8.400	R1	O	1.1	2.0	0.5		1.6	3.9	9.1	SBRM=5.5					F				light raveling
11	8.900	R1	N	1.0	3.0	0.5			3.7	8.2	SBRM=3.3					P				light raveling
12	9.400	R1	N	1.6	1.5	0.5			4.2	7.8	SBRM=5.5					F				light raveling
13	9.900	R1	N	1.9	1.6	0.5		1.7	2.0	7.7	SBRM=4.5	2.0	B	II	L	P				light raveling
14	10.400	R1	O	1.1	1.5	0.5			3.0	6.1	SBRM=6.8	2.6	B	II	L	P				light raveling/separated at 2.6"
15	10.640	R1	O	1.5	1.9					3.4	LR=7.5	0.2	B	IB	M	P				light raveling
16	11.600	R1	O	1.3	1.3	0.5		3.0	2.0	8.1	SBRM=5.8	8.1	B	IB	L	P				light raveling/super elevated
17	11.900	R1	O	1.0	2.0	0.5		1.6	2.5	7.6	SBRM=3.0	7.0	B	IB	L	P				light raveling
18	12.400	R1	N	1.4	1.6	0.5		2.0	1.8	7.3	SBRM=5.8					F				light raveling
19	12.908	R1	O	1.4	1.8	0.5		1.5	2.5	7.7	SBRM=5.0	7.7	B	II	L	P				moderate raveling/spalling
20	13.500	R1	O	1.3	1.6	5.0		2.9	1.7	12.5	SBRM=5.3	1.3	B	II	L	P				light raveling

Remarks: Spalled to structural in R1 at MP 9.950; Patch in R1 @ MP 7.098-7.980, MP 8.030-8.113, MP 10.499-11.540, MP 12.080-12.275; Patch in all lanes MP 4.400-5.418. Pavement change in R1 MP 6.925; Patch in L1 MP 5.955-6.070; Raveled to 0.8" in L1 at MP 8.400 and 10.800; Pavement change all lanes @ MP 5.390.

Pavement Evaluation Coring and Condition Data

Cored By: UNIVERSAL				Date: 9/30-10/1/19				Page 2 of 9				Typical Section 2 of 4										
Project No.: 445402-1-52-01				Name: SR47 FROM: US27 TO: SOUTH OF I-75																		
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer								Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				← top	FC125	SP125	ARMI	S1	T2	T1	T2			ST	Depth	Type	Class					
21	13.900	R1	I	1.1	1.1	0.5	2.0			2.3		7.0	SBRM=6.5	2.2	B	II	M	P				light raveling/spalled to 2"
22	14.400	R1	N	1.2	1.0		3.0					5.2	LR*	2.2	B	II	M	P				light raveling
23	14.900	R1	N	1.6	1.8	0.5				4.5		8.4	SBRM=5.3	8.4	B	II	M	P				
24	15.050	R1		OMIT																		
25	15.435	R1	O	1.2	1.9	0.5				5.3		8.9	SBRM=4.4					P				
26	15.920	R1	N	1.1	1.7	0.5		1.4	0.8	1.2		6.7	SBRM=3.5	6.7	B	III	M	P				
27	16.480	R1	I	1.5	1.9			1.4	0.9	1.5	0.5	7.7	ABC=8.0 *	2.3	B	II	L	P				
28	16.900	R1	O	1.3	1.4	0.5		1.0	0.6	1.4	0.5	6.7	LR	1.6	B	IB	L	P				
29	16.400	R1		OMIT																		
30	16.900	R1		OMIT																		
31	17.626	R1	O	1.4								1.4	LR*	1.4	B	III	M	P				
32	17.700	R1		OMIT																		
33	17.910	R1	O	0.7	1.0		1.6					3.3	LR=9.5	3.3	B	III	M	P				
34	18.300	R1	O	1.6	1.8							3.4	ABC=10.0					P				
35	18.411	R1	I	1.8	1.3							3.1	ABC=7.8					P				
36	18.665	R1	O	1.2	1.6							2.8	ABC=8.8	1.2	B	IB	M	P				
37	18.500	R2	O	1.6	1.4							3.0	ABC=7.4					P				
38	18.628	R2	O	1.3	3.0							4.3	ABC=6.9	2.5	B	II	M	P				
39	4.600	L1	O	1.4	3.0		3.0					7.4	LR=6.6					F				
40	4.800	L1	N	1.5	5.1		2.6					9.2	LR=6.6					F				

Remarks: * Core 22 had ABC= 6.8" under outside edge of core / LR base under inside. Core 31 had ABC= 6.8" under outside edge of core / LR base under inside.
 * Core 27 had ABC under outside edge of core / Stabilized subgrade under inside.

Pavement Evaluation Coring and Condition Data

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Project No.: 445402-1-52-01 Name: SR47 FROM: US27 TO: SOUTH OF I-75

Core Number	Mile Post	Lane	Wheel Path	Pavement Layer						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (Inches)	Cross Slope (%)	Slope Direction (In / out)	Comments:
				← top								Depth	Type	Class	Extent					
				FC125	SP125	ARMI	S1	T1	T2											
41	5.100	L1	O	1.4	1.9	0.5	0.7		4.0	8.5	SBMR=4.3					F				
42	5.600	L1	I	1.2	2.2	0.5	0.8		3.2	7.9	SBMR=6.8	3.4	B	II	M	P				light raveling/spalling
43	6.100	L1	O	1.0	1.9	0.5			3.5	6.9	SBRM=5.3	2.0	B	II	M	P				light raveling/spalling
44	6.600	L1	N	1.2	2.0	0.5			2.8	6.5	SBRM=7.0	6.5	B	II	M	P				light raveling
45	7.100	L1	N	1.3	2.0	0.5	2.4		0.9	7.1	LR=6.4					P				light raveling/core on white line
46	7.600	L1	N	1.0	1.9	0.5	0.7		3.1	7.2	SBRM=4.9					P				light raveling
47	8.100	L1	O	1.1	1.5	0.5			3.1	6.2	SBRM=3.5	2.6	B	II	M	P				light raveling
48	8.600	L1	O	1.2	2.0	0.5			3.3	7.0	SBRM=5.3	2.7	B	IB	L	P				light raveling
49	9.100	L1	O	1.1	2.3	0.5			3.3	7.2	SBRM=6.3	1.8	B	IB	L	P				light raveling/spalling
50	9.600	L1	N	1.3	1.8	0.5	1.2		2.2	7.0	SBMR=5.0	0.7	B	IB	L	P				light raveling/bottom up crack to 7"
51	10.100	L1	O	1.4	2.2	0.5	1.7		2.3	8.1	SBMR=4.5	8.1	B	II	M	P				light raveling/spalling
52	10.600	L1	N	1.9	1.7	0.5	1.0		3.6	8.7	SBRM=5.9	3.6	B	II	L	P				light raveling/separated at 1.9"
53	11.100	L1	N	1.3	1.5	0.5	2.6		2.0	7.9	SBRM=6.0	8.9	B	II	L	P				light raveling
54	11.600	L1	N	1.3	1.2	0.5	2.3		1.8	7.1	SBRM=6.5					P				light raveling/super elevated
55	12.100	L1	O	1.1	2.3	0.5	3.5		1.7	9.1	SBRM=3.5	0.2	B	IB	L	P				light raveling/ light spalling
56	12.600	L1	O	1.1	1.6	0.5	1.6		2.1	6.9	SBRM=5.8	2.7	B	II	L	P				light raveling
57	13.100	L1	O	0.9	2.0	0.5	3.6		2.6	9.6	SBRM=2.9	1.9	B	II	M	P				light raveling
58	13.580	L1	N	1.2	1.5	0.5		0.7	2.9	6.8	SBRM=5.3	4.3	B	II	M	P				light raveling/transverse crack/separated at 4.3"
59	14.100	L1	N	1.5	1.1	0.5	1.2		2.1	6.4	SBRM=6.3	2.6	B	II	M	P				light raveling/spalling
60	14.600	L1	O	1.0	0.9				2.2	4.1	LR=6.4	4.1	B	II	M	P				light raveling

Remarks: _____

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Cored By: UNIVERSAL		Date: 01/00/00		Page 4 of 9		Typical Section 2 of 4																		
Project No.: 445402-1-52-01				Name: SR47 FROM: US27 TO: SOUTH OF I-75																				
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer								Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:		
				← top	FC125	SP125	ARMI	S1	T2	T1	T2			ST	Depth	Type	Class						Extent	
61	15.200	L1	O	1.4	4.7							6.1	LR=8.7	1.4	B	IB	L	P				light raveling		
62	15.371	L1	O	1.4	1.9	0.5	2.0					5.8	LR	3.6	B	III	M	P				light raveling/spalling/super elevated		
63	15.600	L1	N	1.5	1.6	0.5				5.2		8.8	SBRM=6.6	1.5	B	III	L	P				light raveling/super elevated/separated at 1.5"		
64	16.100	L1	N	1.4	1.8	0.5		1.5	1.4	1.3	0.5	8.4	SS *	1.7	B	III	L	P				light raveling/separated at 1.4"		
65	16.600	L1	N	1.5	2.0			0.8	2.4	1.3	0.5	8.5	SS *	8.5	B	III	M	P				light raveling/spalling		
66	17.100	L1	O	1.3	2.4			1.7	1.0	1.2	0.5	8.1	LR	9.1	B	III	L	P				light raveling/spalling		
67	17.600	L1	O	1.2	2.3					2.7		6.2	LR					F				light raveling		
68	17.800	L1	I	1.0	0.8					2.2		4.0	LR	4.0	B	III	M	P				light raveling/spalling		
69	18.100	L1	O	1.3	1.9							3.2	LR=10.0	3.2	B	IB	L	P				light raveling		
70	18.500	L1	N	1.2	3.3							4.5	ABC=8.9					F						
71	18.583	L1	N	1.5	2.9							4.4	ABC=7.3					F						
72	18.550	L2		OMIT																				
73	18.660	L2	O	1.4	3.1							4.5	ABC=10.5					F						
74	4.900	OR		OMIT																				
75	5.900	OR	N	1.5								1.5	LR					F				light raveling		
76	6.900	OR	N	1.7								1.7	LR=4.3					F						
77	8.400	OR	N	1.7								1.7	LR					F						
78	8.900	OR	N	2.2								2.2	LR					F						
79	9.900	OR	N	2.5								2.5	LR	0.2	B	IB	L	P						
80	10.640	OR	N	1.4	1.4							2.8	LR					F						
Remarks:				* SS = Stabilized Subgrade																				

Pavement Evaluation Coring and Condition Data

Cored By:		UNIVERSAL		Date:		9/30-10/1/19		Page		5 of 9		Typical Section		1 of 4						
Project No.:				445402-1-52-01				Name:				SR47 FROM: US27 TO: SOUTH OF I-75								
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				← top	FC125	SP125	ARMI	SP125	S1			T2	Depth	Type	Class					
81	11.900	OR	N	2.4						2.4	LR					F				
82	12.905	OR	N	2.4						2.4	LR=4.7					F				
83	13.900	OR	N	1.2						1.2	LR	1.2	B	II	L	P				moderate raveling
84	14.900	OR	N	1.5						1.5	LR					F				
85	15.920	OR	N	1.7						1.7	LR					F				
86	16.900	OR	N	1.4						1.4	LR					F				
87	17.900	OR	N	1.2	1.2					2.4	ABC=4.0					F				
88	18.500	OR	N	2.0	1.7					3.7	ABC=7.0					F				
89	4.600	OL	N	1.4						1.4	LR					F				
90	5.600	OL	N	1.9						1.9	LR					F				light raveling
91	6.600	OL	N	2.0						2.0	LR					F				
92	7.600	OL	N	0.9						0.9	LR					F				light raveling
93	8.600	OL	N	2.4						2.4	LR					F				
94	9.600	OL	N	1.5						1.5	LR=2.7					F				light raveling
95	10.600	OL	N	1.6	1.8					3.4	LR					F				
96	11.600	OL	N	1.0						1.0	LR					F				light raveling/super elevated
97	12.600	OL	N	1.6						1.6	LR					F				
98	13.580	OL	N	1.0	1.0					2.0	LR					F				
99	14.600	OL	N	1.0	0.9					7.0	LR					F				light raveling
100	15.600	OL	N	1.4						1.4	LR=5.0					F				super elevated
Remarks:																				

Pavement Evaluation Coring and Condition Data

Cored By: UNIVERSAL				Date: 9/30-10/1/19		Page 6 of 9			Typical Section 2 of 4															
Project No.: 445402-1-52-01				Name: SR47 FROM: US27 TO: SOUTH OF I-75																				
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer								Core Length	Base Type	Crack				Pavement Condition	Rut Depth (Inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:		
				← top	FC125	SP125	ARMI	S1	T2	T1	T2			ST	Depth	Type	Class						Extent	
101	17.100	OL	N	1.6								1.6	LR					F						
102	17.600	OL	N	1.0	1.5							2.5	LR					F						
103	18.600	OL		OMIT																				
104	4.692	RRTTL	N	1.7	6.8							8.5	LR					P					moderate raveling	
105	6.450	RRTTL	N	1.5	2.7							4.2	ABC=6.1					F					light raveling	
106	7.871	RRTTL	N	2.2				2.9				5.1	LR					P					patch	
107	9.080	RRTTL	O	1.4	2.7							4.1	LR					P					patch	
108	9.845	RRTTL	O		1.1			2.3				3.4	LR					P					patch	
109	14.468	RLTTL		OMIT																				
110	15.100	RLTTL		OMIT																				
111	18.411	RLTTL	N	1.7	1.5							3.2	ABC=7.8	1.0	B	IB	L	P						light raveling
112	4.620	LLTTL		OMIT																				
113	6.493	LLTTL	N	1.1	1.4	0.5	1.1			2.4		6.5	SBRM=6.3					P						light raveling/spalling
114	10.679	LLTTL	O	0.6	3.1	0.5	0.9			2.1		7.2	ABRM=6.6					F						light raveling
115	14.481	LLTTL	I	1.5						1.3		2.8	SBRM=5.5	2.8	B	III	M	P						light raveling/spalling
116	15.373	LRTTL	O	1.5	4.3							5.8	ABC=5.4					P						light raveling/separated at 5.7"/super elevated
117	17.866	LLTTL	N	1.0				1.1	1.5	2.2	0.5	6.3	LR	6.3	B	III	M	P						light raveling
118	18.144	LLTTL	O	1.1	1.0	0.5		1.4	1.1	1.2	0.5	6.8	LR					F						light raveling
119	18.523	LLTTL	O	1.5	3.3							4.8	ABC=9.0					F						
120	18.620	LRTTL	O	1.6	3.3							4.9	ABC=8.8					F						

Remarks: _____

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Cored By:		UNIVERSAL				Date:		9/30-10/1/19		Page		7 of 9		Typical Section		4 of 4								
Project No.:		445402-1-52-01				Name:		SR47 FROM: US27 TO: SOUTH OF I-75																
Core Number	Mile Post	Lane	Wheel Path	Pavement Layer								Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:		
				FC125	SP125	FC2	S1	T2	T1	T2	ST			Depth	Type	Class	Extent							
121	18.310	CTL	N	1.0	0.6			1.1	1.4	1.4	0.5	6.0	LR					F						
122	4.600	GORE		OMIT																				
123	4.882	GORE	N	1.2	2.4		1.6			4.0		9.2	SBRM=7.0					P					light raveling	
124	10.500	GORE		OMIT																				
125	14.300	GORE		OMIT																				
126	15.330	GORE		OMIT																				
127	17.674	GORE	N	0.6				1.0	1.3	1.9	0.5	5.3	LR	5.3	B	II	M	P					moderate raveling	
128	18.700	GORE		OMIT																				
129	18.422	GORE	N	1.0	3.0							4.0	ABC=10.6					F						
130	4.545	TO	N		3.6							3.6	LR					F						
131	9.082	TO	N		3.5							3.5	LR					F					light raveling	
132	10.631	TO	N	1.3	1.6							2.9	LR					F					light raveling	
133	13.334	TO	N	1.7			3.0					4.7	LR					F					light raveling	
134	15.075	TO	N	1.0			1.8					2.8	LR					F					light raveling	
135	16.975	TO	N	1.5	2.2							3.7	LR					F					light raveling	
136	18.211	TO	N	1.7	3.1							4.8	ABC=7.8					F					light raveling	
137	6.491	TO	N		3.5							3.5	LR	1.8	B	II	M	P					light raveling	
138	12.781	TO	N	1.1	1.6	0.8				2.5		6.0	LR					F					light raveling	
139	14.468	TO	N	1.0	1.0					1.2	0.5	3.7	LR					F					light raveling	
140	15.315	TO	N	1.3	2.6							3.9	LR					F					light raveling	

Remarks: _____
