

Pavement Evaluation Coring and Condition Data

Cored By: UNIVERSAL	Date: 10/17/23	Page 1 of 8	Typical Section: 1 of 1
Project No.: 443255-1-52-01	Name: SR105 From Broward River to Blount Island		Lanes: 4
State Road No.: SR105	From: Broward River		Shoulders
County: Duval	To: Blount Island		Inside: 2' paved/curb and gutter
Section No: 72250000	Beg MP: 3.797	End MP: 7.485	Length: 3.688 Outside: 4' paved/curb and 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	S													
1	4.000	R1	O	1.6	3.1			4.7	LR	0.3	B	II	L	P					
2	4.500	R1	I	1.4	3.0			4.4	LR					F					
3	5.094	R1	N	1.6	3.1			4.7	LR					F				+/-10'	
4	5.500	R1	N	1.5	3.3			4.8	LR					F					
5	5.706	R1	I	1.3	3.4			4.7	LR=12.6	3.2	B	II	M	P					
6	5.986	R1	O		4.9			4.9	LR					G				Within I-295 project limits, no friction placed yet.	
7	6.514	R1	I	1.5	1.6	2.9		6.0	LR					P				Light raveling; Separated at 1.5"	
8																		Omitted	
9	7.108	R1	N	1.1	2.8	2.2		6.1	LR					F				Super-elevated, +/-10'	
10	7.200	R1	I	1.3	1.5	2.8		5.6	LR					P					
11	3.833	R2	I	1.6	2.8			4.4	LR=9.9	1.6	B	IB	L	F				Separated at 1.6"; grinding	
12	4.392	R2	O	1.3	3.4			4.7	LR	1.9	B	II	M	P				Grinding; severe raveling	
13	4.859	R2	O	1.5	4.1			5.6	LR	1.5	B	IB	L	P				Separated at 1.5"; grinding; +/-10'	
14	5.164	R2	I	1.4	2.7			4.1	LR	1.4	B	II	M	P				Separated at 1.4"; grinding	
15	5.573	R2	O	1.7	3.7			5.4	LR	0.3	B	IB	L	F					
16	6.183	R2	N	1.5	2.2			3.7	LR	3.7	B	II	M	P					
17	6.600	R2	N	1.3	5.1			6.4	LR=12.3					F				Light raveling observed	
18	6.943	R2	O	2.8	3.0			5.8	LR	2.0	B	II	L	P				Super-elevated; +/-10'	
19																		Omitted	
20	3.810	L1	O	1.5	3.5			5.0	LR	1.0	B	II	M	P				Super-elevated	

Remarks: Pavement change in Lanes R1/2: MP 5.293, 5.430, 5.580, 5.867, 5.890, 6.182
Pavement change in Lanes L1/2: MP 5.289, 5.507, 5.626, 5.870, 6.202
L2 patch: 4.070, L2 (spalling, grinding): 4.700-4.869, L2 (spalling, patch): 6.943, +/- indicate location from leading/trailing edge of pavement at the leave/approach slab

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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	T2	S	T2	T1											
21	4.265	L1	I	1.4	3.2				4.6	LR=9.9	1.4	B	IB	L	F					
22	4.859	L1	O	1.8	3.7				5.5	LR	1.8	B	IB	L	F				+/-10'; super-elevated	
23	5.344	L1	I	1.2	3.2				4.4	LR	3.0	B	II	M	P					
24	5.800	L1	O	1.5	2.8				4.3	LR	2.6	B	II	M	P					
25	6.395	L1	N	1.6	1.7		2.3		5.6	LR					P					
26	6.943	L1	I	1.2	1.4		3.0		5.6	LR	2.5	B	II	M	P				Light raveling; super-elevated, +/-10'	
27	7.130	L1	I	1.8	1.9		4.0		7.7	LR=10.8					P					
28	7.440	L1	O	1.4	3.7	0.7	2.0	0.6	2.8	8.4	LR=9.3	0.8	B	IB	L	F			Super-elevated	
29	4.084	L2	O	1.3	2.9				4.2	LR=10.7	1.3	B	IB	L	P				Curve; grinding; separated at 1.3"	
30	4.475	L2	O	1.2	3.0				4.2	LR	1.2	B	II	M	P				Grinding, separated at 1.2"	
31	5.095	L2	O	1.8	3.2				5.0	LR	0.7	B	IB	M	P				Grinding, separated at 0.7", +/-10'	
32	5.548	L2	N	1.4	3.6				5.0	LR					F					
33	5.960	L2	N		3.2				3.2	LR					F				Within I-295 project limits, no friction placed yet.	
34	6.412	L2	O	1.3	1.4		1.7		4.4	LR=12.8	2.8	B	IB	L	P					
35	7.108	L2	N	1.0	3.4	1.0	6.0		11.4	LR	1.0	B	IB	L	P				Separated at 1.0", +/-10'	
36	6.514	IR	N	1.8	1.9				3.7	LR					F					
37	3.833	OR	N	1.7	2.9				4.6	LR					F					
38	4.859	OR	N	1.7	4.4				6.1	LR=7.1					F					
39	5.573	OR	N	1.9	4.1				6.0	LR					F					
40	6.600	OR	N	1.4	1.9				3.3	LR					F				88" from white line	

Remarks: +/- Indicate distance from leading/trailing edge of pavement at the leave/approach slab

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Project No.: 443255-1-52-01 Name: SR105 From Broward River to Blount Island

Core Number	Mile Post	Lane	Wheel Path	← top Pavement Layer					Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				FC125	SP125	T2	S	Depth			Type	Class	Extent						
41	7.200	OR																Omit	
42	6.395	IL	N	1.2			1.8	3.0	LR					G					
43	4.084	OL	N	1.3	3.7			5.0	LR					F				Curve	
44	5.095	OL	N	1.5	4.0			5.5	CONC					F				Approach slab	
45	5.960	OL	N		3.9			3.9	LR=12.1					F				Within I-295 const. limits, no friction placed yet.	
46	7.108	OL	N	1.2	2.0	0.9	5.2	9.3	LR					F					
47	7.400	OL	N	1.3	3.8			5.1	LR					F				Super-elevated	
48	5.250	RRTTL	N	1.4	3.0			4.4	LR					F					
49	6.233	RRTTL	O	2.7	4.1			6.8	LR					F					
50	3.886	RLTTL	O	1.0	3.0			4.0	LR	1.0	B	II	M	P				Curve; grinding; separated at 1.0"	
51	5.504	RLTTL	N	1.9	3.1			5.0	LR					F					
52	5.846	RLTTL	N	1.4	2.9			4.3	LR					P					
53	6.039	RLTTL1	O	1.9	4.2			6.1	LR					G					
54	6.024	RLTTL2	I	2.0	3.0			5.0	LR					G					
55	6.280	RTO	N	2.4	3.4			5.8	LR					F					
56	5.312	LLTTL	N	1.4	3.3			4.7	LR					F					
57	5.954	LLTTL1	N		4.0			4.0	LR					G				Within I-295 const. limits, no friction placed yet.	
58	5.932	LLTTL2	O		4.4			4.4	LR					G				Within I-295 const. limits, no friction placed yet.	
59	6.341	LLTTL	N	1.2	1.6		3.0	5.8	ABC=6.5	0.8	B	II	M	P					
60	5.528	LTO	N	1.6	4.2			5.8	LR					F					

Remarks: _____

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Project No.: 443255-1-52-01 Name: SR105 From Broward River to Blount Island

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	S			Depth	Type	Class	Extent					
61		CML																Omit
62	6.497	CO	N	2.5	3.1			5.6	LR					P				Moderate raveling
74	7.176	CO	N	1.6			1.1		LR					F				

Remarks: CML = Center Merge Lane

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Core Number	*Mile Post or Distance from Bullnose	Lane	Wheel Path	Pavement Layer				Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				FC125	SP125					Depth	Type	Class	Extent					
← top Pavement Layer																		
Ramp from SB Eastport Rd to WB SR105																		
63	3.877	Accel	N	1.3	2.7			4.0	LR					F				Super-elevated
← top Pavement Layer																		
Ramp from WB SR105 to NB Eastport Rd																		
64	3.956	Decel	O	1.4	3.0			4.4	LR					F				
← top Pavement Layer																		
Ramp from EB SR105 to David Rawls Blvd.																		
65	130'	R1	I	1.4	1.0	1.5		3.9	LR	1.6	B	II	M	P				Super-elevated
66	7.227	Decel2	O	1.4	1.5	3.2		6.1	LR	1.4	B	III	M	P				Shoving; severe raveling; separated at 1.4"
67	130'	IR	N	1.0		2.0		3.0	LR					F				Super-elevated
68	7.227	OR	N	1.1		2.3		3.4	LR					F				
← top Pavement Layer																		
Ramp from David Rawls Blvd. to WB SR105																		
70	30'	R2	O	1.7	1.5	2.8		6.0	LR					F				Super-elevated; light raveling
71	7.201	Accel	I	1.3	1.6	2.7		5.6	LR	1.4	B	II	L	P				
72	7.201	IR	N	0.8		2.6		3.4	LR					F				
73	30'	OL	N	1.3		1.8		3.1	LR					F				Super-elevated

Remarks: _____

Bridge Approach / Slab Asphalt Thickness

PROJECT NUMBER: 443255-1-52-01		DATE: 10/17/23		PAGE 6 of 8		CORED BY:	UES
STATE ROAD NO: SR105		NAME: SR105 From Broward River to Blount Island		LANES:		4	
COUNTY: Duval		FROM: Broward River					
SECTION NO.: 72250000		TO: Blount Island					
BEG MP: 3.797		END MP: 7.485		LENGTH: 3.688			
CORE NUMBER	MILE POST	LANE	BRIDGE NUMBER	SLAB LOCATION	BRIDGE OVER	THICKNESS OF ASPHALT OVER SLAB (inches)	COMMENTS
A	3.797	L2	720757	Approach	WB over Broward R.	2.6	
B	3.797	R1	720758	Leave	EB over Broward R.	2.8	
C	4.869	L2	720759	Leave	WB over Dunn Cr.	2.3	
D	5.085	L1	720759	Approach	WB over Dunn Cr.	3.3	
E	4.869	R1	720760	Approach	EB over Dunn Cr.	3.0	
F	5.085	R2	720760	Leave	EB over Dunn Cr.	2.7	
G	6.943	R1	720568	Approach	EB over San Carlos Cr.		Omit (no asphalt overlay west approach)
H	7.108	R2	720568	Leave	EB over San Carlos Cr.	0.6	
I	6.952	L2	720569	Leave	WB over San Carlos Cr.		Omit (no asphalt overlay west leave)
J	7.098	L1	720569	Approach	WB over San Carlos Cr.	1.7	
69	122' *	L2	720550	Leave	David Rawls Blvd. over St. Johns R.	2.5	Severe raveling, leave slab, * distance from stopbar, Dave Rawls Blvd.
K	3.564	R2	720757	Approach	WB over Broward R.	2.9	
L	3.564	L1	720758	Leave	EB over Broward R.	2.6	
Remarks: No ARMI encountered.							

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Project No.: 443255-1-52-01 Name: SR105 From Broward River to Blount Island

Core Number	Mile Post	Lane	Wheel Path	← to Pavement Layer						Core Length	Base Type	Crack				Pavement Condition	Rut Depth (inches)	Cross Slope (%)	Slope Direction (in / out)	Comments:
				FC125	SP125	T2	S	T2	T1			Depth	Type	Class	Extent					
74	3.000	R1	N	1.7	2.4				4.1	ABC=3.7					F					
75	3.400	R1	O	1.5	3.0				4.5	LR=10.0	1.5	B	II	M	P				Curve; grinding; separated at 1.5"	
76	3.560	R1	I	1.5	3.2				4.7	LR	4.7	B	II	M	P				+/- 10'	
77	2.800	R2	N	1.5	2.5				4.0	ABC=4.5					F					
78	3.273	R2	O	1.0	3.0				4.0	LR=10.8	1.0	B	II	M	P				Severe raveling; grinding; separated at 1.0"	
79	2.800	L1	N	1.5	2.1				3.6	ABC=4.8					F					
80	3.200	L1	N	1.8	2.9				4.7	LR=10.6	0.2	B	IB	L	F					
81	3.000	L2	O	1.5	2.3				3.8	ABC=4.5					F					
82	3.400	L2	N	1.5	3.0				4.5	LR	4.5	C	II	M	P				Curve; bleeding	
83	3.557	L2	O	1.5	3.0				4.5	LR					P				+/- 10', light raveling	
84	3.273	OR	N	1.3	2.8				4.1	LR=12.4					F					
85	3.400	OL	N	1.5	3.4				4.9	LR=10.1					F				Curve	
86	3.215	L DECEL	N	1.7	3.0				4.7	LR	1.5	B	IB	L	P					
87	3.365	LTO	N	1.2	3.6				4.8	LR					F					

Remarks: +/- Indicate Edge of pavement at the leave/approach slab
 Pavement change all lanes: MP 3.110;