

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

<b>Project No.:</b> 443813-1	<b>Cored By:</b> E. Bluemke / D. Rapp (Terracon)	<b>Date:</b> 10/15/2019 - 10/17/19	<b>Page No.:</b> 1 of 9
<b>County:</b> Volusia	<b>Highway Sect. No.:</b> 79010	<b>From:</b> Brevard County Line	<b>To:</b> South Street
<b>Road No.:</b> SR 5 (US 1)	<b>Begin MP:</b> 0.000	<b>End MP:</b> 6.663	<b>Length:</b> 6.663

Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layer (in.)							Base		Crack				Pavt Cond.	Comments	
					FC-5	Type SP	Type S	Type I	Binder	Type 3 Surface Treatment	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent			
C-1	0.200	2.8	R1	X	0.7	4.1	0.9				5.7	LR	--	1.7	SL	II	S	P		Light raveling
C-2	0.200	0.8	IR			3.1					3.1	LR	3.5	--	--	--	--	F		
C-3	0.750	6.9	R1		0.6	2.3	1.7				4.6	LR	7.6	2.4	Br	II	S	P		
C-4	1.300	2.3	R1	X	0.5	3.2	1.3				5.0	--	--	1.6	Br	II	S	P		Light raveling
C-5	1.300	1.8	IR		0.8	4.0					4.8	LR	9.5	--	--	--	--	F		
C-6	1.706	8.4	R1	X	1.0	2.6	2.2				5.8	LR	6.3	--	--	--	--	P		Targeted for stripping aggregates SL cracking near edge of lane
C-7	2.151	3.0	R1	X	1.1	2.9					4.0	--	--	--	--	--	--	P		
C-8	2.151	0.9	IR			2.5					2.5	LR	6.0	--	--	--	--	P		
C-9	2.690	8.0	R1	X	0.7	2.4	0.8		0.6		4.5	LR	6.9	--	--	--	--	F		
C-10	3.305	3.9	R1	X	0.9	2.7	0.4		0.2		4.2	LR	--	--	--	--	--	P		Moderate Class II Br cracking was observed near the core
C-11	3.305	1.2	IR			3.0					3.0	LR	3.7	--	--	--	--	F		
C-12	3.641	2.7	R1	X	0.8	2.8	1.5				5.1	LR	5.6	B	Br	III	M	P		
C-13	4.011	3.4	R1	X	0.9	4.2	0.8		0.5		6.4	LR	--	--	--	--	--	P		Deep Overbuild in 2006. Moderate raveling. Moderate Class II Br cracking was observed near the core
C-14	4.305	2.8	R1	X	0.5	3.7	1.5		1.9		7.6	LR	--	2.1	SL	II	S	P		
C-15	4.325	0.7	IR			2.6					2.6	LR	7.7	--	--	--	--	F		
C-16	4.530	7.6	RLTL	X	1.0	1.9	1.3		1.0		5.2	LR	7.5	--	--	--	--	F		To Shiloh Road

**Remarks:** Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement

**Crack Extent:** L= Light; M= Moderate; S= Severe      **Pavement Condition:** G= Good; F= Fair; P= Poor

**Crack Types:** A= Alligator; Bl= Block; Br= Branch; SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

**Base Types:** LR= Limerock; COQ= Coquina; SC= Soil Cement; ABC= Asphalt Base; SAHM= Sand Asphalt Hot Mix; SBRM= Sand Bituminous Road Mix; NB= No Base; RAP= Recycled Asphalt Pavement

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Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.			Comments	
					FC-5	Type SP	Type S	Type I	Binder	Type 3 Surface Treatment	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class					Extent
C-17	4.635	5.6	R1		1.1	2.8	0.9				4.8	LR	5.0	--	--	--	--	F			
C-18	5.135	5.9	R1		0.9	2.7	1.4				5.0	LR	--	--	--	--	--	F			
C-19	5.151	0.3	IR			3.3					3.3	LR	3.3	--	--	--	--	F			
C-20	5.551	9.7	RLTL	X	0.8	1.5	2.7		0.4		5.4	LR	7.4	--	--	--	--	P			To North Putnam Grove Road, pavement shoving and delamination 2.5 inches down
C-21	5.675	8.0	R1	X	0.8	2.7	1.3				4.8	LR	7.0	2.1	Br	II	M	P			
C-22	6.025	5.4	RLTL		0.5	1.2	3.5				5.2	LR	6.1	1.9	Br	II	S	P			To Bell Avenue
C-23	6.625	4.4	R1	X	0.8	2.8	0.6	1.3	4.4		9.9	LR	9.1	--	--	--	--	P			Moderate raveling. Moderate Class II Br cracking was observed near the core Type I is the bottom layer
C-24	6.651	0.3	IR			3.2					3.2	LR	3.8	--	--	--	--	F			
C-25	6.432	4.6	LLTL		0.6	2.7	0.7		1.3		5.3	LR	5.5	--	--	--	--	P			To Lagoon Avenue SL cracking and raveling at EOL
C-26	6.382	3.5	L1	X	0.7	3.0	1.2		1.3		6.2	LR	7.7	0.7	Br	Ib	M	P			Light raveling
C-27	6.362	0.8	IL			2.2					2.2	LR	5.1	--	--	--	--	F			
C-28	5.831	2.4	L1	X	0.7	2.7	1.2		1.4	1.1	7.1	LR	--	2.2	ST	II	M	P			
C-29	5.831	1.6	IL		1.2	1.0					2.2	ABC	5.6	--	--	--	--	F			
C-30	5.281	5.2	L1		0.5	3.5	2.6			1.3	7.9	LR	7.3	2.6	Br	III	S	P			Delamination 2.6 inches from top
C-31	4.876	3.3	L1	X	0.9	2.4	4.1			1.5	8.9	LR	--	B	ST	III	S	P			Light raveling
C-32	4.876	0.7	IL			3.5					3.5	LR	3.8	--	--	--	--	F			

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					FC-5	Type SP	Type S	Type I	Binder	Type 3 Surface Treatment	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent					
C-33	4.225	5.2	L1		1.0	2.1	2.3			1.2	6.6	LR	--	1.8	Br	Ib	M	P				
C-34	4.010	4.4	L1	X	0.5	5.8	5.0		1.1		12.4	LR	6.2	--	--	--	--	P				Deep Overbuild in 2006/Severe Raveling
C-35	4.010	7.6	LLTL		0.9	8.5	7.4		1.7		18.5	LR	6.0	0.7	Br	II	M	P				To Kennedy Parkway/ CR 3. Deep Overbuild in 2006. Delamination 2 inches from top. Core broken at 11 inches for extraction. Light raveling depth estimate with tap measure due to thickness of concrete.
C-36	3.676	2.2	L1	X	0.9	3.5	3.5			1.6	9.5	LR	--	1.9	Br	II	M	P				Moderate raveling
C-37	3.676	6.0	IL		0.8	3.1	1.6	4.0	1.1		10.6	LR	9.5	--	--	--	--	P				Moderate raveling. Moderate Class II Br cracking was observed near the core
C-38	3.266	4.8	L1		0.8	2.4	1.7				4.9	LR	5.5	1.7	Br	II	M	P				Moderate raveling
C-39	2.610	4.2	L1		0.9	3.3					4.9	ABC	4.4	--	--	--	--	F				Light raveling
C-40	2.610	0.7	IL			2.5					2.5	LR	2.0	--	--	--	--	F				
C-41	2.425	8.6	L1	X	1.1	1.3					2.4	ABC	6.5	--	--	--	--	F				
C-42	2.236	3.0	L1	X	0.8	2.4	0.8	4.3		1.5	9.8	LR	7.7	--	--	--	--	F				
C-43	2.236	0.6	IL		0.1	2.5					2.6	LR	4.7	--	--	--	--	F				
C-44	1.811	4.7	LLTL		0.6	2.6	2.5		1.5		7.2	LR	7.2	1.6	SL	II	M	P				To County Line Road
C-45	1.681	3.8	L1	X	0.8	3.5	0.5	2.3		1.4	8.5	LR	--	--	--	--	--	F				
C-46	1.681	0.3	IL			3.1					3.1	LR	4.3	--	--	--	--	P				
C-47	1.371	2.6	L1	X	0.9	4.1	1.0	5.1		1.2	11.4	LR	7.0	--	--	--	--	P				Targeted for stripping aggregates
C-48	0.925	4.8	L1		0.7	2.9	2.3			1.5	7.4	LR	--	1.4	Br	II	M	P				

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					FC-5	Type SP	Type S	Type I	Binder	Type 3 Surface Treatment	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
C-49	0.925	0.7	IL			2.9					2.9	LR	4.3	--	--	--	--	P			
C-50	0.050	3.2	L1	X	1.0	3.8	0.9			1.2	6.9	LR	8.3	--	--	--	--	P			Light raveling
C-51	0.380	9.8	R2	X	0.6	1.9	1.3				3.8	LR	--	1.6	Br	II	M	P			
C-52	0.380	1.0	OR		0.6	1.8					2.4	NB	--	--	--	--	--	P			No RAP base
C-53	0.745	3.3	R2	X	0.7	2.4	1.7				4.8	LR	7.5	1.5	Br	II	M	P			
C-54	1.315	9.0	R2	X	0.6	2.5	1.1		0.7		4.9	LR	--	1.4	Br	Ib	L	P			Severe raveling
C-55	1.315	1.1	OR		0.7	2.0	1.0				3.4	RAP	4.6	--	--	--	--	F			
C-56	1.781	10.0	R2	X	0.8	2.9	1.3		1.2		6.2	LR	6.7	1.3	Br	II	L	P			
C-57	2.330	2.6	R2	X	0.9	2.6	0.9				4.4	LR	--	1.0	Br	Ib	L	P			
C-58	2.565	9.7	R2	X	0.5	2.7	1.2		0.4		4.8	LR	7.8	1.9	SL	II	S	P			
C-59	3.425	7.9	R2		0.9	2.8	0.9				4.6	LR	--	--	--	--	--	F			
C-60	3.425	0.9	OR		0.6	2.2					2.8	RAP	1.8	--	--	--	--	F			
C-61	3.803	2.2	R2	X	0.9	4.4	1.9		0.8		8.0	LR	7.9	--	--	--	--	F			
C-62	3.929	4.1	RRTL			7.4					7.4	LR	9.2	--	--	--	--	P			To Kennedy Parkway/ CR 3. Deep Overbuild in 2006. Severe raveling
C-63	4.110	8.2	R2	X	0.6	4.7	1.4		1.1		7.7	LR	--	2.2	Br	III	S	P			Delamination 2.2 inches from top. Severe raveling.
C-64	4.110	1.2	OR		0.8	5.3					6.1	RAP	3.9	--	--	--	--	F			Bottom layer of RAP crumbled.

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					FC-5	Type SP	Type S	Type I	Binder	Type 3 Surface Treatment	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent					
C-65	4.615	4.3	R2		0.9	2.5	1.4		0.5		5.3	LR	7.3	0.9	Br	II	M	P				
C-66	5.175	7.9	R2		0.7	2.4	1.1		0.3		4.5	LR	--	--	--	--	--	F				Moderate raveling
C-67	5.175	0.8	OR		0.7	2.4					3.1	RAP	2.9	--	--	--	--	F				
C-68	5.745	4.4	R2		0.7	2.7	1.5		0.9		5.8	LR	7.1	2.3	Br	II	M	P				
C-69	6.295	9.6	R2	X	0.8	1.6	0.5	0.2	0.9		4.0	LR	--	--	--	--	--	F				
C-70	6.295	0.9	OR		0.9	1.7					2.6	RAP	4.4	--	--	--	--	F				
C-71	6.341	8.0	L2	X	0.9	2.7	0.7				4.3	LR	6.8	--	--	--	--	F				
C-72	6.341	1.3	OL		0.6	2.1	0.5				3.2	RAP	4.8	--	--	--	--	F				
C-73	5.761	8.6	L2	X	1.0	2.1	2.6			1.3	7.0	LR	9.2	B	Br	III	S	P				Light raveling
C-74	5.761	1.6	OL		0.5	1.5	1.3				7.5	RAP	4.2	--	--	--	--	F				
C-75	5.386	5.8	L2		0.8	2.4	3.0			1.2	7.4	LR	--	--	--	--	--	P				Moderate raveling
C-76	4.871	7.4	L2		0.9	2.3	2.2			1.5	6.9	LR	--	--	--	--	--	P				Moderate raveling
C-77	4.871	1.0	OL		0.6	1.9	1.0				3.5	RAP	5.3	--	--	--	--	F				
C-78	4.416	5.0	L2		0.9	3.3	2.5			1.2	7.9	LR	--	--	--	--	--	F				
C-79	4.016	4.2	L2		0.8	2.7	3.7			1.2	8.4	LR	11.6	4.9	Br	II	M	P				
C-80	3.861	4.8	L2		0.8	3.2	2.5			1.1	7.6	LR	--	2.5	Br	II	M	P				

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					FC-5	Type SP	Type S	Type I	Binder	Type 3 Surface Treatment	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
C-81	3.861	0.9	OL		0.8	1.8					2.6	RAP	2.0	--	--	--	--	F			
C-82	3.476	3.3	L2	X	1.0	2.7	3.2			1.5	8.4	LR	6.3	1.9	Br	II	S	P			
C-83	2.850	9.3	L2	X	0.7	4.3	1.0		1.0		7.0	LR	--	--	--	--	--	F			Light raveling
C-84	2.850	1.2	OL		0.6	3.0					3.6	RAP	3.1	--	--	--	--	F			
C-85	2.610	2.2	L2	X	0.8	2.7					3.5	ABC	5.2	0.8	Br	Ib	M	P			Light raveling under ABC. Moderate raveling.
C-86	2.610	1.2	OL		1.1	1.9					3.0	RAP	3.2	--	--	--	--	F			
C-87	2.330	1.2	OL		0.8	2.7	0.4				3.9	RAP	4.5	--	--	--	--	F			
C-88	2.236	4.5	L2		0.5	2.9	3.0			1.7	8.1	LR	6.0	0.5	SL	II	S	P			3.6 Reflective crack from base
C-89	1.716	6.8	L2		0.9	2.4	4.2			1.9	9.4	LR	--	--	--	--	--	P			2.2 Reflective crack from base. Severe Class II SL crack observed near core
C-90	1.716	1.2	OL		0.7	1.8					2.5	RAP	6.5	--	--	--	--	F			
C-91	1.306	9.3	L2	X	0.7	2.5	3.1			1.6	7.9	LR	6.0	2.1	Br	III	S	P			1.6 inches reflective cracking from base. Moderate raveling.
C-92	0.876	3.6	L2	X	1.0	2.4	3.0			1.7	8.1	LR	--	--	--	--	--	P			Moderate raveling
C-93	0.876	0.9	OL		0.8	1.6	0.3				2.7	RAP	4.3	--	--	--	--	F			
C-94	0.356	9.2	L2	X	0.5	2.4	4.9			1.4	9.2	LR	9.4	--	--	--	--	P			Delamination 1.4 inches from top of pavement.
C-95	0.896	10.3	MXO		0.9	2.5					3.4	LR	12.9	--	--	--	--	F			Moderate raveling
C-96	1.952	5.8	MXO		0.9	2.0	1.4		1.0		5.3	LR	8.7	--	--	--	--	F			Severe raveling

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Crack Extent: L= Light; M= Moderate; S= Severe    Pavement Condition: G= Good; F= Fair; P= Poor

Crack Types: A= Alligator; Bl= Block; Br= Branch; SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

Base Types: LR= Limerock; COQ= Coquina; SC= Soil Cement; ABC= Asphalt Base; SAHM= Sand Asphalt Hot Mix; SBRM= Sand Bituminous Road Mix; NB= No Base; RAP= Recycled Asphalt Pavement

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

<b>Project No.:</b> 443813-1	<b>Cored By:</b> E. Bluemke / D. Rapp (Terracon)	<b>Date:</b> 10/15/2019 - 10/17/19	<b>Page No.:</b> 7 of 9
<b>County:</b> Volusia	<b>Highway Sect. No:</b> 79010	<b>From:</b> Brevard County Line	<b>To:</b> South Street
<b>Road No.:</b> SR 5 (US 1)	<b>Begin MP:</b> 0.000	<b>End MP:</b> 6.663	<b>Length:</b> 6.663

Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.	Comments			
					FC-5	Type SP	Type S	Type I	Binder	Type 3 Surface Treatment	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class			Extent		
C-89	1.716	6.8	L2		0.9	2.4	4.2			1.9	9.4	LR	--	--	--	--	--	P		2.2 Reflective crack from base. Severe Class II SL crack observed near core	
C-90	1.716	1.2	OL		0.7	1.8					2.5	RAP	6.5	--	--	--	--	F			
C-97	2.745	6.4	MXO		1.1	1.9	0.5				3.5	LR	6.3	--	--	--	--	F		Severe raveling	
C-98	3.779	11.0	MXO		0.7	3.8	2.1		2.2		8.8	LR	6.7	--	--	--	--	F		Severe raveling	
C-99	4.840	9.5	MXO		0.8	1.1	2.8		1.3		6.0	LR	7.5	2.8	Br	II	L	P			
C-100	5.755	8.3	MXO		0.9	1.9	1.4				4.2	LR	6.0	--	--	--	--	F			
C-101	0.546	4.7	L2		0.5	2.7	4.4			1.3	8.9	LR	6.5	3.5	Br	III	S	P		Severe raveling	
C-102	5.351	6.3	R1		1.1	2.2	0.9		0.7		4.9	LR	8.0	B	SL	III	S	P			
C-103	4.616	4.6	L1		0.6	2.3	2.3			1.5	6.7	LR	6.6	1.8	Br	II	S	P		Light raveling	

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Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layer (in.)						Base		Crack				Pavt Cond.	Rut Depth (in.)	Cross Slope (%)	Comments	
										Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent					
D-1	2.471		R2							5.0	PCC	Approach								Bridge 790086 EB/Turnbull Creek	
D-2	2.471		R1							3.0	PCC	Approach									Bridge 790086 EB/Turnbull Creek
D-3	2.517		R2							5.0	PCC	Leaves									Bridge 790086 EB/Turnbull Creek
D-4	2.517		R1							3.0	PCC	Leaves									Bridge 790086 EB/Turnbull Creek
D-5	2.519		L2							3.5	PCC	Approach									Bridge 790217 WB/Turnbull Creek
D-6	2.519		L1							3.5	PCC	Approach									Bridge 790217 WB/Turnbull Creek
D-7	2.480		L2							3.5	PCC	Leaves									Bridge 790217 WB/Turnbull Creek
D-8	2.480		L1							3.5	PCC	Leaves									Bridge 790217 WB/Turnbull Creek
D-9	3.061		L2							4.0	PCC	Leaves									Bridge 790004 WB/FEC RR Overpass
D-10	3.061		L1							4.0	PCC	Leaves									Bridge 790004 WB/FEC RR Overpass
D-11	3.078		L2							4.0	PCC	Deck									Bridge 790004 WB/FEC RR Overpass
D-12	3.078		L1							4.0	PCC	Deck									Bridge 790004 WB/FEC RR Overpass
D-13	3.096		L2							4.0	PCC	Approach									Bridge 790004 WB/FEC RR Overpass
D-14	3.096		L1							4.0	PCC	Approach									Bridge 790004 WB/FEC RR Overpass
D-15	3.047		R1							0.4	PCC	Approach									Bridge 790087 EB/FEC RR Overpass
D-16	3.047		R2							0.5	PCC	Approach									Bridge 790087 EB/FEC RR Overpass

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