

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

Project No.: 445216-2	Cored By: Ardaman & Associates	Date: 7/6/2022	Page No.: 1 of 5
County: Flagler	Highway Sect. No: 73010	From: N. of Palm Coast Parkway	To: St. Johns County Line
Road No.: SR 5 (US 1)	Begin MP: 16.833	End MP: 23.673	Length: 6.840 miles

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	
					FC-5	FC-12.5	Type SP	Type S	Binder	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
1	18.057	4.0	R2		0.5		2.5	1.0	1.3		5.3	LR	6.4	1.3	SL	II	M	P				
2	18.057	1.0	OR		0.7		1.5	1.5			5.5	ABC	1.8	-	-	-	-	G				
3	18.392	9.0	R2	X	0.6		2.9		1.4		4.9	LR	-	1.7	BR	II	M	P				
4	18.771	7.0	RRTL		0.5		1.7	1.3			3.5	LR	13.9	-	-	-	-	G				NB Right TL to Subdivision Entrance
5	19.153	4.0	R2		0.5		3.0	0.7	1.5		5.7	LR	7.5	1.8	BR	III	S	P				
6	19.567	9.0	R2	X	0.5		2.5	0.8	1.0		4.8	LR	-	1.3	BR	III	S	P				
7	19.567	1.0	OR		0.5		1.5	1.5			5.5	ABC	2.0	-	-	-	-	G				
8	19.998	9.5	R2	X	0.7		2.5		0.5		3.7	LR	4.8	B	BR	III	S	P				
9	20.582	8.0	R2		0.5		3.3	1.0	1.6		6.4	LR	-	1.4	BR	II	M	P				
10	20.582	1.0	OR		1.2		1.5	1.3			5.5	ABC	1.5	-	-	-	-	G				
11	20.899	8.0	R2		1.0		2.5	1.0	1.1		5.6	LR	7.9	1.8	SL	II	M	F				
12	21.503	9.0	R2	X	0.5		2.7	0.5	1.7		5.4	LR	-	B	SL	III	S	P				
13	22.123	8.5	R2	X	0.3		3.2	1.0	1.2		5.7	LR	7.5	1.6	BR	II	M	F				
14	22.123	1.0	OR		0.8		2.0	1.0			5.5	ABC	1.7	-	-	-	-	G				
15	22.565	9.0	R2	X	0.5		3.0		1.2		4.7	LR	-	1.7	BR	II	M	F				
16	22.848	2.5	RRTL	X		1.0	3.0				7.7	ABC	3.7	-	-	-	-	F				NB Right TL to Old Kings 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

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

Project No.: 445216-2	Cored By: Ardaman & Associates	Date: 7/6/2022	Page No.: 2 of 5
County: Flagler	Highway Sect. No: 73010	From: N. of Palm Coast Parkway	To: St. Johns County Line
Road No.: SR 5 (US 1)	Begin MP: 16.833	End MP: 23.673	Length: 6.840 miles

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	
					FC-5	FC-12.5	Type SP	Type S	Binder	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
17	23.516	4.0	R2		0.8		2.2	1.0	1.2		5.2	LR	6.3	1.1	SL	Ib	L	F				
18	23.516	1.5	OR		1.0		1.0	3.5			5.5	LR	5.8	-	-	-	-	G				
19	23.611	6.5	L2		0.5		3.2	2.3		2.0	8.0	--	-	B	BR	III	S	P				Unbonded at 5.5"
20	23.611	1.0	OL		0.5		2.5				6.5	ABC	3.5	-	-	-	-	F				
21	23.014	7.5	L2		0.5		2.5			1.0	4.0	LR	-	1.4	BR	II	M	F				Unbonded 4.0" Loss of ST aggregate during coring
22	22.476	6.5	L2		0.6		2.9			1.0	4.5	LR	7.0	1.0	BR	II	M	F				Loss of ST aggregate during coring
23	22.470	1.5	OL		0.8		2.7				6.7	ABC	3.2	-	-	-	-	G				
24	21.924	9.5	L2	X	0.5		3.5			1.0	5.0	LR	-	-	-	-	-	G				
25	21.609	9.5	LRTL	X		1.0	1.7				2.7	LR	10.8	-	-	-	-	G				SB Right TL to Cedar Grove Road/Subdivision
26	21.457	9.5	L2	X	0.5		2.5	1.3		1.4	5.7	LR	7.4	2.0	SL	II	M	F				
27	21.446	8.5	L2	X	0.5		1.7	1.3		2.0	5.5	LR	7.7	1.7	BR	II	M	F				
28	21.372	5.0	LRTL			1.0	2.3				3.3	LR	8.9	-	-	-	-	G				SB Right TL to Sawmill Terrace/Subdivision
29	20.835	8.0	L2		0.5		3.0	1.0		2.5	7.0	LR	-	1.6	BR	II	M	P				
30	20.835	1.0	OL		0.8		1.8	0.8			7.1	ABC	3.7	-	-	-	-	G				
31	20.016	2.5	L2	X	0.8		3.2				4.0+	LR	-	1.9	BR	II	M	P				SE Curve - - Core broke & unable to get entire sample. Core barrel reached L/R at 23 inches
32	19.764	9.0	L2	X	0.7		2.3	1.5		1.6*	6.1	LR	-	B	BR	III	S	P				* = ST layer broke/crumbled. Measured 6.1" total thickness in core hole.

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

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

Project No.: 445216-2	Cored By: Ardaman & Associates	Date: 7/6/2022	Page No.: 3 of 5
County: Flagler	Highway Sect. No: 73010	From: N. of Palm Coast Parkway	To: St. Johns County Line
Road No.: SR 5 (US 1)	Begin MP: 16.833	End MP: 23.673	Length: 6.840 miles

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	
					FC-5	FC-12.5	Type SP	Type S	Binder	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
33	19.209	8.5	L2	X	0.6		2.1	0.4		1.2	4.3	LR	8.4	B	BR	III	S	P				
34	19.209	1.0	OL		0.8		2.2	1.7			7.0	ABC	2.3	-	-	-	-	G				
35	18.691	9.0	L2	X	0.7		2.7	0.6		2.8*	6.8	LR	-	B	BR	III	S	F				* = ST layer broke/crumbled. Measured 6.8" total thickness in core hole.
36	18.147	9.5	L2	X	0.5		2.5			2.0*	5.0	LR	7.5	B	BR	III	S	P				* = ST layer broke/crumbled. Measured 5.0" total thickness in core hole.
37	17.629	3.5	L2	X	0.6		2.4	0.2		1.1	4.3	LR	-	B	BR	III	S	P				
38	17.629	1.5	OL		0.8		2.4				6.5	ABC	3.3	-	-	-	-	G				
39	17.014	8.0	L2		0.5		2.3	1.0		1.1	4.9	LR	7.6	B	BR	III	S	P				
40	16.906	7.0	LRTL		1.2		2.3	1.5			5.0	LR	11.0	-	-	-	-	G				SB Right TL to Hargrove Grade
41	16.906	1.0	OL		1.2		2.3	1.7			7.4	ABC	2.2	-	-	-	-	G				Outside Shoulder of Turn Lane Excessive Turf Build-Up / Encroachment
42	17.200	8.5	R1	X	0.5		2.1		1.6		4.2	LR	8.9	1.8	BR	II	M	F				
43	17.362	5.5	RLTL		0.3		2.9				3.2	LR	16.3	-	-	-	-	G				NB Left TL to Wellfield Drive
44	17.822	8.0	R1		0.4		2.1		1.5		4.0	LR	-	1.5	BR	II	M	F				
45	18.506	3.0	R1	X	0.6		2.6	1.0	1.8		6.0	LR	8.1	1.7	BR	II	M	F				
46	19.159	8.5	R1	X	0.5		3.2	0.7	1.2		5.6	LR	-	2.0	BR	II	M	F				
47	19.212	4.0	MXO				1.6	1.4	1.3		4.3	LR	12.8	B	SL	III	S	F				No FC-5 on MXO *-1.3, -0.3, -1.1, -3.7 (LI - R1 Respectively)
48	19.734	7.0	R1		0.5		2.6	0.4	1.3		4.8	LR	7.2	1.6	SL	II	M	F				

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

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

Project No.: 445216-2	Cored By: Ardaman & Associates	Date: 7/6/2022	Page No.: 4 of 5
County: Flagler	Highway Sect. No: 73010	From: N. of Palm Coast Parkway	To: St. Johns County Line
Road No.: SR 5 (US 1)	Begin MP: 16.833	End MP: 23.673	Length: 6.840 miles

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	
					FC-5	FC-12.5	Type SP	Type S	Binder	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
49	20.492	6.5	R1		0.5		2.9		1.6		5.0	LR	8.0	1.5	SL	II	M	F				
50	20.803	4.0	R1		0.8		2.2		1.0		4.0	LR	-	-	-	-	-	F				
51	17.092	7.0	RAMP			1.2	2.3	2.3			5.8	LR	10.7	-	-	-	-	G				Decel Ramp to NB Weigh Station
52	17.164	7.5	RAMP			1.3	2.5	2.1			5.9	LR	10.8	-	-	-	-	G				Accel Ramp from NB Weigh Station
53	17.215	6.0	RAMP		0.5			2.5			3.0	LR	13.5	-	-	-	-	G				Decel Ramp to SB Weigh Station
54	17.138	5.5	RAMP		1.0			2.8			3.8	LR	9.7	-	-	-	-	G				Accel Ramp from SB Weigh Station
55	16.924	9.0	R2	X	0.6		2.2	1.2	1.3		5.3	LR	-	1.5	SL	II	M	F				
56	16.924	1.5	OR		0.9		0.9	1.4			5.5	ABC	2.3	0.8	SL	Ib	L	F				
57	17.600	4.0	R2		0.6		2.5	1.0	1.1		5.2	LR	7.9	1.6	SL	II	M	F				
58	21.250	5.0	RLTL			1.9	1.8				3.7	LR	9.5	-	-	-	-	G				NB Left TL to Sawmill Terrace/Subdivision
59	21.436	9.0	R1	X	0.7		2.8		1.5		5.0	LR	7.9	1.6	SL	II	M	F				
60	21.495	6.0	RLTL			1.4	1.6				3.0	LR	11.3	-	-	-	-	G				NB Left TL to Cedar Grove Road/Subdivision
61	21.547	9.0	MXO		--		1.3	1.0	1.4		3.7	LR	8.3	B	BR	III	S	P				No FC
62	21.873	6.0	R1		0.5		3.0		1.5		5.0	LR	8.4	1.8	SL	II	M	F				
63	22.144	6.5	R1		0.6		3.7		1.3		5.6	LR	-	2.0	SL	II	M	F				
64	22.410	14.0	MXO		--		2.5	1.0	1.3		4.8	LR	7.0	-	-	-	-	G				No FC * 0.5, 0.2, 3.5, 1.6 (L1-R1 Respectively)

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

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

Project No.: 445216-2	Cored By: Ardaman & Associates	Date: 7/6/2022	Page No.: 5 of 5
County: Flagler	Highway Sect. No: 73010	From: N. of Palm Coast Parkway	To: St. Johns County Line
Road No.: SR 5 (US 1)	Begin MP: 16.833	End MP: 23.673	Length: 6.840 miles

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
					FC-5	FC-12.5	Type SP	Type S	Binder	Surface Treatment	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
65	22.851	2.5	RLTL	X	1.0		2.5		1.5		5.0	LR	7.9	B	ST	III	S	F			NB Left TL to U-Turn / MXO @ Old Kings Rd. Intersection
66	22.950	6.5	R1		0.7		3.0	0.3	1.5		5.5	LR	7.3	-	-	-	-	G			
67	22.565	9.5	R1	X	0.6		2.5	0.8	1.2		5.1	LR	8.3	-	-	-	-	F			
68	23.601	7.0	L1		1.0		3.5	2.5*		3.0	10.0	--	-	B	SL	III	S	P			*Includes 1.0" Type II and 1.5" Type S
69	23.062	5.0	L1		0.6		2.5	1.0		1.0	5.1	LR	7.8	1.5	SL	II	M	F			
70	22.654	4.0	L1		0.7		2.8	1.5		1.0	6.0	LR	-	-	-	-	-	G			Some loss of ST aggregate during coring
71	22.081	3.0	L1	X	0.9		1.9	1.0		1.7	5.5	LR	8.3	0.9	SL	Ib	L	F			Some loss of ST aggregate during coring
72	21.780	4.5	L1		0.8		1.9	0.6		1.7	5.0	LR	-	1.9	BR	II	M	F			
73	20.994	9.0	L1	X	0.5		2.5	10.0*		3.0	16.0	--	-	2.8	SL	III	S	F			SE Curve - thick core unbonded at 3.0" and 5.0" *Includes 1.0" Type S and 9.0" Type I
74	19.937	5.5	L1		0.7		1.8	2.7*		2.7	7.9	LR	-	2.3	SL	II	M	F			*Includes 2.0" Type S and 0.7" Type I
75	19.663	4.5	L1		0.7		2.2	0.2		1.4	4.5	LR	7.5	2.0	SL	II	M	F			Unbonded at 4.0" Some loss of ST aggregate during coring
76	18.972	1.5	L1		0.9		2.2	0.6		1.8	5.5	LR	6.5	-	-	-	-	G			Some loss of ST aggregate during coring
77	18.340	4.0	L1		0.6		2.8	0.8		1.9	6.1	LR	-	1.3	SL	Ib	L	F			
78	17.432	3.5	L1	X	0.8		2.6	1.1		1.0	5.5	LR	7.0	1.5	SL	Ib	L	F			
79	16.966	8.5	L1	X	0.5		2.3			1.2*	4.0	LR	-	B	SL	III	S	F			* = ST layer broke/crumbled. Measured 4.0" total thickness in core hole.

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