

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

Project No.: 435658-1	Cored By: Elipsis Engineering and Consulting	Date: June 23, 2016	Page No.: 1 of 3
County: Brevard	Highway Sect. No: 70150	From: Volusia County Line	To: West of Carpenter Rd
Road No.: SR 46	Begin MP: 0.000	End MP: 5.592	Length: 5.592

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-3	FC-6	Type SP	ARMI	Type II	Mineral Seal	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent
1	5.501	8.0	L1			1.7	1.0		3.6	0.1	6.4	SBRM	10.0	B	ST	II	L	P			Target Crack (within 1'-9' offset)
2	5.501	11.0	L1			1.8	4.5				6.3	LR	11.0	-	-	-	-	P			Within outside 2'
3	5.501	3.0	OL			1.6	3.9				5.5	LR	9.5	-	-	-	-	F			
4	5.134	8.0	LLTL			1.0	1.8		0.2	0.2	3.2	SBRM	6.9	1.9	Br	I	S	P			To Turpentine Rd ; Crown, + = Slopes to L1, - = Slopes to R1
5	5.134	10.0	L1	X		1.4	2.5				11.7	ABC	7.8	1.2	SL	II	M	P			Outside WP
6	5.134	4.5	OL			1.5	0.8				6.8	ABC	4.5	-	-	-	-	P			
7	4.437	3.0	L1	X		1.2	2.3		1.4	0.3	5.2	SBRM	9.8	0.1	Br	I	L	P			Target Crack (within 1'-9' offset)
8A	4.437	9.5	L1	X		1.4	2.4		4.0		7.8	SBRM	7.2	1.1	Br	II	S	P			Within outside 2' ; R1 Side
8B	4.437	10.0	L1	X		1.4	2.2				15.3	ABC	11.7	-	-	-	-	P			Within outside 2' ; OL Side
9	4.437	2.5	OL			1.7	2.1				15.3	ABC	11.5	-	-	-	-	F			
10	3.438	9.5	L1	X	1.1		4.6				5.7	LR	9.6	-	-	-	-	F			
11	3.438	6.0	OL		1.2		1.8				3.0	LR	7.3	B	SL	II	M	P			
12	2.653	8.0	L1			1.5	3.3		2.4	0.2	7.4	SBRM	7.9	B	SL	III	M	P			Target Crack (within 1'-9' offset)
13	2.653	10.5	L1			1.5	3.0				16.9	ABC	12.4	-	-	-	-	P			Within outside 2'
14	2.653	2.5	OL			1.6	2.9				13.4	ABC	8.9	-	-	-	-	F			
15	1.749	8.5	L1	X		1.3	4.1		1.8	0.2	7.4	SBRM	8.1	1.3	Br	II	S	P			Target Crack (within 1'-9' offset)

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; BI= 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; NB= No Base

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

Project No.: 435658-1	Cored By: Elipsis Engineering and Consulting	Date: June 23, 2016	Page No.: 2 of 3
County: Brevard	Highway Sect. No: 70150	From: Volusia County Line	To: West of Carpenter Rd
Road No.: SR 46	Begin MP: 0.000	End MP: 5.592	Length: 5.592

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-3	FC-6	Type SP	ARMI	Type II	Mineral Seal	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
16	1.749	10.5	L1			1.6	3.5				16.9	ABC	11.8	-	-	-	-	P			Within outside 2'
17	1.749	2.5	OL			1.9	3.5				15.2	ABC	9.8	-	-	-	-	F			
18	0.492	7.5	L1			1.6	2.4			3.2	0.2	7.4	SBRM	4.6	0.6	Br	II	S	P		Target Crack (within 1'-9' offset) ; Core fractured during extraction
19	0.492	9.5	L1	X		1.7	2.1			3.1	0.2	7.1	SBRM	5.2	0.4	Br	I	L	P		Within outside 2' ; Core fractured during extraction
20	0.492	3.0	OL			1.4	3.0					10.6	ABC	6.2	-	-	-	-	F		
21	0.108	2.5	R1	X		1.5	1.7	0.8				4.0	SBRM	9.3	0.4	SL	I	L	F		Target Crack (within 1'-9' offset)
22	0.108	9.5	R1	X		1.4	1.8	0.6	0.8	0.1	4.7	SBRM	9.3	-	-	-	-	F			Within outside 2'
23	0.108	2.5	OR			1.6	1.6					3.2	LR	4.8	-	-	-	-	F		
24	0.294	4.5	R1			1.4	3.4			1.7	0.1	6.6	SBRM	7.9	1.2	Br	III	M	P		Target Crack (within 1'-9' offset)
25	0.294	10.0	R1	X		1.6	3.0					15.5	ABC	10.9	-	-	-	-	P		Within outside 2'
26	0.294	2.0	OR			2.0	2.7					13.5	ABC	8.8	-	-	-	-	F		
27	1.099	5.0	R1			1.4	2.6			2.1	0.1	6.2	SBRM	9.8	2.3	Br	III	S	P		Target Crack (within 1'-9' offset)
28	1.099	9.5	R1	X		1.5	3.0			2.1	0.2	6.8	SBRM	9.2	1.8	Br	I	S	P		Within outside 2'
29	1.099	2.0	OR			1.5	2.5					13.2	ABC	9.2	-	-	-	-	F		
30	2.124	4.0	R1			1.3	3.8			2.3	0.1	7.5	SBRM	7.5	0.3	Br	II	S	P		Target Crack (within 1'-9' offset) ; 0.9" Crack upwards from bottom
31A	2.124	11.0	R1			1.4	4.1			6.0		11.5	SBRM	3.5	-	-	-	-	P		Within outside 2'

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; BI= 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; NB= No Base

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

Project No.: 435658-1	Cored By: Elipsis Engineering and Consulting	Date: June 23, 2016	Page No.: 3 of 3
County: Brevard	Highway Sect. No: 70150	From: Volusia County Line	To: West of Carpenter Rd
Road No.: SR 46	Begin MP: 0.000	End MP: 5.592	Length: 5.592

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-3	FC-6	Type SP	ARMI	Type II	Mineral Seal	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
31B	2.124	11.0	R1			1.4	3.5				11.3	ABC	6.4	—	—	—	—	P			Within outside 2' ; ABC Base disintegrated during coring	
32	2.124	2.0	OR			1.4	4.2				15.3	ABC	9.7	—	—	—	—	F				
33	3.355	2.5	R1	X	1.1		4.7				5.8	LR	12.7	—	—	—	—	F				
34	3.355	3.0	OR		0.8		1.5				2.3	LR	5.8	B	SL	II	L	P				
35	4.012	7.0	R1			1.4	3.2		3.2	0.2	8.0	SBRM	7.8	1.4	Br	III	S	P			Target Crack (within 1'-9" offset) ; Core fractured during extraction	
36	4.012	10.5	R1			1.3	4.0				16.8	ABC	11.5	—	—	—	—	P			Within outside 2'	
37	4.012	2.0	OR			1.2	3.3				14.8	ABC	10.3	—	—	—	—	F				
38	5.135	8.5	R1	X		1.6	3.8				12.7	ABC	7.3	1.2	Br	II	S	P			Outside WP	
39	5.135	2.0	OR			1.5	2.5				6.8	ABC	2.8	—	—	—	—	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; BI= 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; NB= No Base