

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

Project No.: 434417-2	Cored By: Elipsis Engineering and Consulting	Date: October 2, 2014	Page No.: 1 of 3
County: Brevard	Highway Sect. No: 70100	From: West of Banana River Bridge	To: SR A1A
Road No.: SR 520	Begin MP: 15.685	End MP: 16.316	Length: 0.631

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	Type S	Binder				Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent
1	15.713	3.0	R2	X	0.8	4.2					5.0	LR	—	1.6	Br	II	S	P			
2	15.801	3.0	R2	X	0.7	4.6					5.3	LR	10.2	1.2	Br	II	S	P			
3	15.801	2.0	OR		1.0	1.3					2.3	LR	7.7	—	—	—	—	F			
4	15.924	8.0	R2		0.8	5.1					5.9	LR	—	2.7	Br	II	S	P			
5	16.038	8.5	R2	X	0.8	2.2	1.8				4.8	LR	10.2	B	Br	III	S	P			
6	16.100	2.0	R3	X	1.4	1.4					13.5	ABC	10.7	—	—	—	—	F			
7	16.188	6.5	R3		0.9	1.3	1.4				3.6	LR	8.7	B	SL	III	S	P			
8	16.294	2.5	RAMP	X	1.0	1.2	1.5				3.7	LR	6.8	B	Br	III	M	F			Eastbound SR 520 Ramp to SR A1A Southbound
9	16.302	11.0	RAMP		1.7	1.8					3.5	LR	8.5	—	—	—	—	F			Southbound SR A1A Ramp to SR 520 Westbound
10	16.214	4.5	L2		0.9	1.4	1.5				3.8	LR	9.7	B	SL	III	S	P			
11	16.086	5.0	L2		0.9	1.5	1.3				3.7	LR	—	B	SL	III	S	P			
12	15.923	1.5	L2		1.0	4.2					5.2	LR	11.8	2.1	Br	II	M	F			
13	15.811	5.0	L2		0.9	3.9					4.8	LR	—	B	Br	III	S	P			
14	15.810	2.0	OL		1.1	3.2					4.3	LR	7.7	—	—	—	—	F			
15	15.721	2.0	L2	X	1.1	4.5					5.6	LR	10.9	1.9	Br	I	M	F			
16	15.695	2.0	R1	X	1.2	4.4					5.6	LR	9.7	1.1	SL	II	L	P			

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; NB= No Base

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

Project No.: 434417-2	Cored By: Elipsis Engineering and Consulting	Date: October 2, 2014	Page No.: 2 of 3
County: Brevard	Highway Sect. No: 70100	From: West of Banana River Bridge	To: SR A1A
Road No.: SR 520	Begin MP: 15.685	End MP: 16.316	Length: 0.631

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	Type S	Binder				Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent		
17	15.769	6.0	R1		0.7	5.1					5.8	LR	—	0.9	SL	I	M	P					
18	15.951	4.0	R1		1.1	4.9					6.0	LR	10.0	1.0	SL	I	M	P					
19	16.015	8.0	RLTL		1.1	1.2	1.8				4.1	LR	8.8	—	—	—	—	F			To Parallel Access Road		
20	16.056	2.0	R1	X	1.3	3.0					4.3	LR	—	—	—	—	—	F					
21	16.267	8.0	R1		1.2	1.4	1.0				3.6	LR	8.9	—	—	—	—	F			Eventually Striped for RLTL to SR A1A Northbound		
22	16.252	1.5	L1		0.9	1.5	2.1				4.5	LR	—	—	—	—	—	F					
23	16.183	8.5	LLTL	X	1.1	3.1					4.2	LR	8.8	—	—	—	—	F			To Belt Rd		
24	16.051	7.5	L1		0.6	1.1	1.6				3.3	LR	9.7	B	SL	I	M	P					
25	15.971	1.5	LLTL		1.3	2.8					10.4	ABC	6.3	—	—	—	—	F			To West End Rd		
26	15.785	9.0	L1	X	1.0	4.2					5.2	LR	11.8	—	—	—	—	F					
27	15.711	8.0	L1		0.7	4.8					5.5	LR	—	0.8	SL	I	L	P			Pavement Rippling		

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; NB= No Base

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

Project No.: 434417-2	Cored By: Elipsis Engineering and Consulting	Date: October 2, 2014	Page No.: 3 of 3
County: Brevard	Highway Sect. No: 70100	From: West of Banana River Bridge	To: SR A1A
Road No.: SR 520	Begin MP: 15.685	End MP: 16.316	Length: 0.631

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						
D1	15.861	6.0	R1								PCC	-	-	-	-	-	F			West End of Bridge - - Asphalt Thickness = 2.8"		
D2	15.861	6.0	R2								PCC	-	-	-	-	-	F			West End of Bridge - - Asphalt Thickness = 2.8"		
D3	15.861	8.0	OR								PCC	-	-	-	-	-	F			West End of Bridge - - Asphalt Thickness = 2.0"		
D4	15.905	6.0	R1								PCC	-	-	-	-	-	F			Asphalt Thickness = 2.1" - - East End of Bridge		
D5	15.905	6.0	R2								PCC	-	-	-	-	-	F			Asphalt Thickness = 2.8" - - East End of Bridge		
D6	15.905	7.0	OR								PCC	-	-	-	-	-	F			Asphalt Thickness = 2.2" - - East End of Bridge		
D7	15.904	6.0	L1								PCC	-	-	-	-	-	F			Asphalt Thickness = 2.0" - - East End of Bridge		
D8	15.904	6.0	L2								PCC	-	-	-	-	-	F			Asphalt Thickness = 1.9" - - East End of Bridge		
D9	15.904	8.5	OL								PCC	-	-	-	-	-	F			Asphalt Thickness = 1.9" - - East End of Bridge		
D10	15.863	6.0	L1								PCC	-	-	-	-	-	F			West End of Bridge - - Asphalt Thickness = 1.2"		
D11	15.863	6.0	L2								PCC	-	-	-	-	-	F			West End of Bridge - - Asphalt Thickness = 1.6"		
D12	15.863	7.5	OL								PCC	-	-	-	-	-	F			West End of Bridge - - Asphalt Thickness = 1.3"		

Asphalt Thickness Measurements at Bridge Approaches Via Hand Drill Penetration

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; NB= No Base