

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

Project No.: 441140-1	Cored By: Ardaman & Associates (RK, AB)	Date: 8/24/2020	Page No.: 1 of 3
County: Seminole	Highway Sect. No: 77080	From: Northlake Blvd. / Cranes Roost Blvd.	To: Boston Avenue
Road No.: SR 436	Begin MP: 4.749	End MP: 5.575	Length: 0.826 mile

Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheel Path	Pavement Layer (in.)						Core Length (in)	Base		Crack				Pavt Cond.	Rut Depth (in)	Cross Slope (%)	Comments
					FC-6	Type S	Type II	Type I	Binder			Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
1	4.830	10.0	R4	X	1.7	3.8	0.9	2.7*	-		9.1	LR	7.9	B	ST	III	M	F			*Type S instead of Type I
2	4.830	3.5	OR	-	1.2	1.8	-	-	-		6.0	ABC	3.0	B	ST	II	M	F			
3	4.884	2.5	R4	X	1.5	2.0	-	-	-		13.3	ABC	9.8	-	-	-	-	F			
4	4.945	7.5	R4	-	1.2	1.8	-	-	-		3.0	LR	12.5	B	SL	II	L	F			
5	5.015	6.0	R4	-	1.6	3.4	-	-	-		5.0	LR	12.5	B	SL	III	M	F			Poor Bonding at 2.0 inch depth
6	5.078	9.0	R4	X	1.3	1.7	-	-	-		13.7	ABC	10.7	-	-	-	-	F			
7	5.078	3.5	OR	-	1.3	1.7	-	-	-		6.8	ABC	3.8	-	-	-	-	F			
8	5.233	9.0	R3	X	1.3	2.7	-	-	-		15.8	ABC	11.8	-	-	-	-	F			
9	5.236	5.5	R4	-	1.0	2.4	-	-	-		13.3	ABC	9.9	-	-	-	-	F			
10	5.352	10.0	R3	X	1.3	5.5	0.8	2.2	-		9.8	LR	14.2	3.0	R	II	M	F			Poor Bonding at 3.0 inch depth. Slippage Cracking
11	5.380	9.0	R4/RRTL	X	1.3	1.7	-	-	-		12.0	ABC	9.0	-	-	-	-	F			EB Right Turn Lane to Palm Springs Drive
12	5.380	3.0	OR	-	1.6	1.6	-	-	-		7.0	ABC	3.8	-	-	-	-	F			
13	5.529	9.0	R4	X	1.5	1.5	-	-	-		15.7	ABC	12.7	1.0	R	II	M	F			No Bond at 1.0 inch depth. Horizontal crack at 8.5 inch depth.
14	5.509	9.0	L4	X	1.6	3.0	-	-	-		14.1	ABC	9.5	-	-	-	-	F			
15	5.337	8.4	L4/LRTL	X	0.7	3.2	-	-	-		11.3	ABC	7.4	-	-	-	-	F			WB Right Turn Lane to East Mall Entrance
16	5.337	4.0	OL	-	1.9	2.0	-	-	-		7.0	ABC	3.1	-	-	-	-	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

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					FC-6	Type S	Type II	Type I	Binder			Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
17	5.321	10.5	L3	X	1.5	4.2	0.9	3.4	-		10.0	LR	6.5	B	SL	I	L	F			
18	5.214	9.5	L4/LRTL	-	1.0	7.9	0.7	3.4	-		13.0	LR	7.0	-	-	-	-	F			No bond at 1.5 inch depth. WB Right Turn Lane to Essex Ave./Mall Entrance
19	5.214	4.0	OL	-	1.5	3.3	-	-	-		4.8	ABC	-	-	-	-	-	F			
20	5.120	2.0	L4	X	1.5	1.2	2.3	-	-		5.0	LR	-	B	Br	II	S	F			
21	5.082	5.5	L4	-	1.4	4.6	-	-	-		13.8	ABC	7.8	-	-	-	-	F			No Bond at 1.9 inch and 6.0 inch depth.
22	4.954	9.0	L3	X	1.0	2.2	-	-	-		12.8	ABC	9.6	-	-	-	-	F			
23	4.954	2.0	L4	X	1.5	1.8	-	-	-		13.5	ABC	10.2	-	-	-	-	F			
24	4.842	1.0	L3	X	1.5	2.5	-	-	-		11.9	ABC	7.9	B	SL	I	L	F			Diagonal Fractured Core
25	4.833	9.0	L4	X	1.0	3.5	-	-	-		14.9	ABC	10.4	-	-	-	-	F			No Bond at 2.0 inch and 4.5 inch depth.
26	4.833	4.0	OL	-	1.3	2.4	-	-	-		7.5	ABC	3.8	-	-	-	-	P			No Bond at 2.0 inch depth. Delamination/Shoving
27	4.838	1.5	R1	X	-	-	-	-	-		14.0	ABC	-		ST	I	L	F			Pavt thickness measured in core hole. Core stuck in barrel and destroyed during extraction.
28	5.126	5.5	R1	-	1.3	2.0	-	-	-		14.3	ABC	11.0	-	-	-	-	F			
29	5.249	9.5	R1	X	1.0	2.0	-	-	-		14.5	ABC	11.5	-	-	-	-	F			
30	5.249	1.5	R2	X	1.3	2.0	-	-	-		14.8	ABC	11.5	B	SL	II	L	F			
31	5.340	8.5	R1	X	0.9	1.8	1.0	1.1	2.2		7.0	LR	10.0	-	-	-	-	F			
32	5.391	4.5	RLTL1	-	0.8	3.8	-	-	-		12.5	ABC	7.9	-	-	-	-	F			EB Left Turn Lane to Palm Springs Drive

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					FC-6	Type S	Type II	Type I	Binder			Type	Thick-ness (in)	Depth (in)	Type	Class	Extent						
33	5.484	9.0	R1	X	1.5	2.9	1.1	1.0	2.2		8.7	LR	8.6	-	-	-	-	F					
34	5.487	2.5	R2	X	1.0	3.3	1.1	1.0	2.1		8.5	LR	8.8	-	-	-	-	F					
35	5.530	2.0	L1	X	3.0	2.0	1.0	1.1	2.3		9.4	LR	7.6	-	-	-	-	F			Unusually thick FC-12.5 layer		
36	5.336	6.0	L1	-	1.0	5.7	0.8	2.4*	-		9.9	LR	7.6	-	-	-	-	F			*Type S instead of Type I		
37	5.313	2.5	L2	X	1.0	4.7	0.9	7.2	-		13.8	NB		-	-	-	-	F			Unusually thick Type I layer		
38	5.251	8.0	L1	X	1.0	2.0	1.2	2.6	-		6.8	LR	9.2	B	ST	I	L	F					
39	5.118	5.5	L1	-	1.7	1.9	-	-	-		14.5	ABC	10.9	-	-	-	-	F					
40	5.071	8.5	L1	X	0.8	3.2	-	-	-		13.5	ABC	9.5	1.0	SL	II	M	P			Open Surface Texture		
41	4.994	2.0	L1	X	1.5	5.3	1.0	1.1	1.8		10.7	LR	10.3	0.8	ST	I	L	F					
42	4.932	6.0	L1	-	1.3	2.7	1.2	1.0	2.1		8.3	LR	8.2	-	-	-	-	F					
43	4.855	2.5	L1	X	1.0	2.5	1.0	1.0	1.9		7.4	LR	10.4	-	-	-	-	F					
44	4.813	5.0	LLTL1	-	1.4	2.6	-	-	-		12.5	ABC	8.5	-	-	-	-	P			WB Left Turn Lane to Northlake Blvd. (LT of Dual)		

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