

Pavement Core Data Utilized For Upcoming 3R Project (447612-1)

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

Project No.: 431456-1	Cored By: Elipsis Engineering and Consulting	Date: 5/4/15 & 5/5/15	Page No.: 1 of 5
County: Osceola	Highway Sect. No: 92130	From: Polk County Line	To: Orange County Line
Road No.: SR 400	Begin MP: 0.000	End MP: 7.885	Length: 7.885

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	Type SP	ARMI	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent
1	0.369	10.0	R3	X	0.8	4.7			1.8	3.7	11.0	LR	11.5	-	-	-	-	F			
2	0.369	6.0	OR			4.7					5.9	ABC	1.2	-	-	-	-	F			
3	1.171	2.5	R3	X	0.7	4.9			1.7	3.4	10.7	LR	10.6	-	-	-	-	F			
4	1.171	6.0	OR			4.4					6.5	ABC	2.1	-	-	-	-	F			
5	1.820	9.0	R3	X	0.8	5.1			0.6	3.6	10.1	LR	10.9	-	-	-	-	F			
6	1.820	6.0	OR			1.3		2.9			5.6	ABC	1.4	-	-	-	-	F			
7	2.320	2.5	R3	X	0.8	5.6					6.4	LR	11.6	-	-	-	-	F			
8	2.320	6.0	OR			2.3					2.3	LR	5.5	-	-	-	-	F			
9	3.151	9.0	R3	X	0.7	5.8					6.5	LR	12.0	-	-	-	-	F			
10	3.151	6.5	OR			2.0					2.0	LR	7.0	-	-	-	-	F			
11	3.450	2.5	R4/AUX	X	1.1	5.4					6.5	LR	14.9	-	-	-	-	F			Auxiliary Lane Core fractured during extraction
12	3.450	7.0	OR			3.2					3.2	LR	6.8	-	-	-	-	F			Auxiliary Lane Shoulder
13	4.700	2.0	R3	X	1.1	4.8					5.9	LR	12.8	1.3	SL	I	M	P			
14	4.700	4.5	OR			1.8					1.8	LR	6.0	-	-	-	-	F			
15	5.080	9.0	R3	X	0.9	3.9			5.0	2.1	11.9	LR	8.3	-	-	-	-	F			Core fractured during extraction
16	5.080	6.5	OR			2.6					2.6	LR	5.4	-	-	-	-	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; NB= No Base

Pavement Core Data Utilized For Upcoming 3R Project (447612-1)

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

Project No.: 431456-1	Cored By: Elipsis Engineering and Consulting	Date: 5/4/15 & 5/5/15	Page No.: 2 of 5
County: Osceola	Highway Sect. No.: 92130	From: Polk County Line	To: Orange County Line
Road No.: SR 400	Begin MP: 0.000	End MP: 7.885	Length: 7.885

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	Type SP	ARMI	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
17	5.599	2.5	R4/AUX	X	0.8	1.3		2.9			12.3	ABC	7.3	—	—	—	—	F			Auxiliary Lane
18	5.599	4.5	OR			1.5		0.9			7.3	ABC	4.9	—	—	—	—	F			Auxiliary Lane Shoulder
19	6.480	9.0	R3	X	0.8	6.7					7.5	LR	12.5	—	—	—	—	F			Moved MP to be in lane
20	6.480	4.0	OR		0.9	1.8					2.7	LR	11.3	—	—	—	—	F			Moved MP to be in lane
21	7.279	2.0	R5/AUX	X	0.8	1.5		1.4			3.7	LR	9.3	—	—	—	—	F			Auxiliary Lane Moved MP to be in lane
22	7.279	6.5	OR			1.1		1.2			2.3	LR	3.5	—	—	—	—	F			Auxiliary Lane Shoulder Moved MP to be in lane
23	7.620	9.0	R4/AUX	X	0.6	1.4		3.7			12.0	ABC	6.3	—	—	—	—	F			Auxiliary Lane
24	7.620	6.0	OR					1.6			6.0	ABC	4.4	—	—	—	—	G			Auxiliary Lane Shoulder
25	7.850	2.0	L4/AUX	X	0.8	7.3					8.1	LR	10.9	—	—	—	—	F			Auxiliary Lane
26	7.850	4.0	OL			1.2					1.2	LR	7.3	—	—	—	—	F			Auxiliary Lane Shoulder
27	7.251	9.0	L3	X	0.8	1.7	0.5	0.5	0.9	1.7	6.1	LR	9.9	—	—	—	—	F			
28	7.251	6.5	OL			1.4		3.9			9.6	ABC	4.3	—	—	—	—	F			
29	6.500	2.0	L3	X	0.9	7.3					8.2	LR	11.3	—	—	—	—	F			
30	6.500	4.5	OL			1.1					1.1	LR	7.4	—	—	—	—	F			
31	5.900	9.0	L3	X	0.9	1.5		2.0			11.4	ABC	7.0	—	—	—	—	F			
32	5.900	4.5	OL			2.8					2.8	LR	6.2	—	—	—	—	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; NB= No Base

Pavement Core Data Utilized For Upcoming 3R Project (447612-1)

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

Project No.: 431456-1	Cored By: Elipsis Engineering and Consulting	Date: 5/4/15 & 5/5/15	Page No.: 3 of 5
County: Osceola	Highway Sect. No: 92130	From: Polk County Line	To: Orange County Line
Road No.: SR 400	Begin MP: 0.000	End MP: 7.885	Length: 7.885

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	Type SP	ARMI	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent				
33	5.510	2.5	L4/AUX	X	1.0	1.4		3.1			12.3	ABC	6.8	-	-	-	-	F			Auxiliary Lane
34	5.510	4.0	OL			2.0		2.2			7.7	ABC	3.5	-	-	-	-	F			Auxiliary Lane Shoulder
35	4.731	9.0	L3	X	1.0	5.2					6.2	LR	10.8	-	-	-	-	F			
36	4.731	6.0	OL			2.8					2.8	LR	6.1	-	-	-	-	F			
37	3.850	2.5	L3	X	0.8	5.7					6.5	LR	12.0	-	-	-	-	F			
38	3.850	5.0	OL			2.5					2.5	LR	6.3	-	-	-	-	F			
39	3.487	11.0	L4/AUX	X	1.5	5.6					7.1	LR	14.9	-	-	-	-	F			Auxiliary Lane; Moved MP to Stay in L4
40	3.487	5.0	OL			4.1					4.1	LR	5.4	-	-	-	-	F			Auxiliary Lane Shoulder; Moved MP to Stay in L4
41	0.370	2.5	R1	X	0.5	6.5					7.0	LR	12.5	-	-	-	-	F			
42	0.370	5.5	IR			3.0					3.0	LR	5.5	-	-	-	-	F			
43	1.630	9.5	R1	X	0.9	5.5					6.4	LR	13.1	-	-	-	-	F			
44	1.630	6.0	IR			2.4					2.4	LR	6.6	-	-	-	-	F			
45	2.569	2.0	R1	X	0.5	5.3		6.7	5.7	1.6	19.8	LR	9.2	-	-	-	-	F			Core fractured during extraction
46	2.569	6.0	IR			2.3					2.3	LR	5.7	-	-	-	-	F			
47	3.300	9.0	R1	X	1.0	4.8		2.0	1.2	1.8	10.8	LR	11.2	-	-	-	-	F			
48	3.300	6.5	IR			2.0					2.0	LR	6.0	-	-	-	-	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; NB= No Base

Pavement Core Data Utilized For Upcoming 3R Project (447612-1)

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

Project No.: 431456-1	Cored By: Elipsis Engineering and Consulting	Date: 5/4/15 & 5/5/15	Page No.: 4 of 5
County: Osceola	Highway Sect. No: 92130	From: Polk County Line	To: Orange County Line
Road No.: SR 400	Begin MP: 0.000	End MP: 7.885	Length: 7.885

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	Type SP	ARMI	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent
49	4.380	2.0	R1	X	0.9	4.5		1.0	1.5	2.1	10.0	LR	10.0	-	-	-	-	F			
50	4.380	5.0	IR			1.8					1.8	LR	6.2	-	-	-	-	F			
51	5.250	9.0	R1	X	0.9	5.6					6.5	LR	12.5	-	-	-	-	F			
52	5.250	6.0	IR			2.1					2.1	LR	7.4	-	-	-	-	F			
53	6.700	2.0	R1	X	1.0	3.8		1.0	2.2	1.7	9.7	LR	10.3	-	-	-	-	F			
54	6.700	6.5	IR			2.6					2.6	LR	9.6	-	-	-	-	F			
55	7.300	9.0	R1	X	0.5	7.4					7.9	LR	12.6	-	-	-	-	F			
56	7.300	7.0	IR			1.7					1.7	LR	8.1	-	-	-	-	F			
57	7.263	2.0	L1	X	0.9	1.2	0.5	3.0	3.0	1.8	10.4	LR	11.6	-	-	-	-	F			
58	7.263	5.5	IL			2.8					2.8	LR	5.1	-	-	-	-	F			
59	6.700	9.0	L1	X	0.9	1.5		2.8	4.0	2.0	11.2	LR	9.8	-	-	-	-	F			
60	6.700	7.0	IL			1.7					1.7	LR	10.3	-	-	-	-	F			
61	5.601	2.0	L1	X	0.9	5.5					6.4	LR	13.6	-	-	-	-	F			
62	5.601	5.0	IL			2.4					2.4	LR	6.5	-	-	-	-	F			
63	4.501	9.0	L1	X	0.9	1.6		4.3	3.2	1.9	11.9	LR	10.4	-	-	-	-	F			
64	4.501	7.0	IL			2.5					2.5	LR	6.0	-	-	-	-	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

Pavement Core Data Utilized For Upcoming 3R Project (447612-1)

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

Project No.: 431456-1					Cored By: Elipsis Engineering and Consulting					Date: 5/4/15 & 5/5/15					Page No.: 5 of 5							
County: Osceola					Highway Sect. No: 92130					From: Polk County Line					To: Orange County Line							
Road No.: SR 400					Begin MP: 0.000					End MP: 7.885					Length: 7.885							
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	Type SP	ARMI	Type S	Type I	Binder Course	Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class	Extent					
65	3.732	2.0	L1	X	0.4	1.5		2.6	3.6	2.0	10.1	LR	10.9	—	—	—	—	F				
66	3.732	5.5	IL			2.8					2.8	LR	6.1	—	—	—	—	F				
67	2.570	9.5	L1	X	0.9	1.4		3.2	4.4	1.6	11.5	LR	12.5	—	—	—	—	F				
68	2.570	6.0	IL			1.9					1.9	LR	8.1	—	—	—	—	F				
69	1.250	2.0	L1	X	0.8	6.0					6.8	LR	12.2	—	—	—	—	F				
70	1.250	5.0	IL			1.5					1.5	LR	7.5	—	—	—	—	F				
71	0.681	9.0	L1	X	1.3	5.7					7.0	LR	12.0	—	—	—	—	F				
72	0.681	7.0	IL			1.9					1.9	LR	7.9	—	—	—	—	F				
73	2.578	2.0	L4/AUX	X	1.0	4.4					5.4	LR	12.6	—	—	—	—	F				Auxiliary Lane; Moved MP to be in lane
74	2.578	5.0	OL			2.8					2.8	LR	6.3	—	—	—	—	F				Auxiliary Lane Shoulder; Moved MP to be in lane
75	2.151	10.0	L3	X	1.0	5.4					6.4	LR	11.6	—	—	—	—	F				
76	2.151	7.0	OL			2.5					2.5	LR	4.9	—	—	—	—	F				
77	1.821	2.0	L3	X	1.2	1.6		3.2	3.7	2.4	12.1	LR	9.9	—	—	—	—	F				
78	1.821	5.5	OL			1.4		3.6			7.6	ABC	2.6	—	—	—	—	F				
79	0.850	9.5	L3	X	0.8	1.4		2.3	3.6	2.1	10.2	LR	9.8	—	—	—	—	F				
80	0.850	6.0	OL			1.9		1.8			5.4	ABC	1.7	—	—	—	—	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; NB= No Base

Pavement Drill Depth / Asphalt Overlay Data Utilized for Upcoming 3R Project (447612-1)

**State of Florida Department of Transportation
BRIDGE APPROACH AND LEAVE CONCRETE SLAB DEPTH DATA SHEET**

Project No.: 431456-1		Cored By: Elipsis Engineering and Consulting			Date: 5/4/15 & 5/5/15			Page No.: 1 of 2												
County: Osceola		Highway Sect. No: 92130			From: Polk County Line			To: Orange County Line												
Road No.: SR 400		Begin MP: 0.000			End MP: 7.885			Length: 7.885												
Core No.	MP	Distance from left edge of lane (ft)	Lane	Wheelpath	Pavement Layer (in.)					Base		Crack				Pavt Cond.	Rut Depth (in)	Cross Slope (%)	Comments	
					Location					Core Length (in)	Type	Thick-ness (in)	Depth (in)	Type	Class					Extent
D-1	0.115	5.0	R3		Approach					5.8	PCC	N/A					F	0.3	1.3	Bridge 920095 I-4 EB at CR 532 Interchange Asphalt Thickness = 5.8"
D-2	0.115	4.5	OR		Approach					4.5	PCC	N/A					F	0.0	4.5	Bridge 920095 I-4 EB at CR 532 Interchange Asphalt Thickness = 4.5"
D-3	0.134	5.0	R3		Deck					2.8	PCC	N/A					F	0.1	1.6	Bridge 920095 I-4 EB at CR 532 Interchange Asphalt Thickness = 2.8"
D-4	0.134	5.0	OR		Deck					2.0	PCC	N/A					F	0.0	1.3	Bridge 920095 I-4 EB at CR 532 Interchange Asphalt Thickness = 2.0"
D-5	3.514	5.5	R4/AUX		Deck					2.7	PCC	N/A					F	0.3	1.2	Bridge 920099 I-4 EB at Reedy Creek Asphalt Thickness = 2.7"
D-6	3.514	5.5	OR		Deck					2.4	PCC	N/A					F	0.0	0.5	Bridge 920099 I-4 EB at Reedy Creek Asphalt Thickness = 2.4"
D-7	7.709	5.0	R4/AUX		Deck					4.4	PCC	N/A					F	0.1	2.7	Bridge 920101 I-4 EB at Bonnett Creek Asphalt Thickness = 4.4"
D-8	7.709	5.0	OR		Deck					2.4	PCC	N/A					F	0.0	2.4	Bridge 920101 I-4 EB at Bonnett Creek Asphalt Thickness = 2.4"
D-9	0.115	5.5	R1		Approach					6.0	PCC	N/A					F	0.2	1.3	Bridge 920095 I-4 EB at CR 532 Interchange Asphalt Thickness = 6.0"
D-10	0.115	5.5	IR		Approach					4.8	PCC	N/A					F	0.0	1.4	Bridge 920095 I-4 EB at CR 532 Interchange Asphalt Thickness = 4.8"
D-11	0.135	5.5	R1		Deck					2.8	PCC	N/A					F	0.1	1.2	Bridge 920095 I-4 EB at CR 532 Interchange Asphalt Thickness = 2.8"
D-12	0.135	6.0	IR		Deck					1.6	PCC	N/A					F	0.0	1.5	Bridge 920095 I-4 EB at CR 532 Interchange Asphalt Thickness = 1.6"
D-13	3.514	5.0	R1		Deck					3.0	PCC	N/A					F	0.1	1.3	Bridge 920099 I-4 EB at Reedy Creek Asphalt Thickness = 3.0"
D-14	3.514	6.0	IR		Deck					2.0	PCC	N/A					F	0.0	2.0	Bridge 920099 I-4 EB at Reedy Creek Asphalt Thickness = 2.0"
D-15	7.710	6.0	R1		Deck					4.4	PCC	N/A					F	0.1	1.3	Bridge 920101 I-4 EB at Bonnett Creek Asphalt Thickness = 4.4"
D-16	7.710	6.0	IR		Deck					2.5	PCC	N/A					F	0.0	-0.2	Bridge 920101 I-4 EB at Bonnett Creek Asphalt Thickness = 2.5"
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																				

