

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

Project No.: 445298-1	Cored By: Rick. D / Mike. H (Terracon)	Date: March 14 - 16, 2023	Page No.: 1 of 5
County: Orange	Highway Sect. No.: 75060	From: West of SR 520	To: East of St. Anne Avenue
Road No.: SR 50	Begin MP: 19.604	End MP: 25.411	Length: 5.807 miles

Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)										Base		Crack				Pavt Cond.	Rut Depth (in.)	Cross Slope (%)	Comments
					FC-5	Type SP	Type S	ARMI	Type S	Type I	Type II	Surf. Trmt.	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
1	24.720	8.5	L2	x	0.9	1.3	0.9	0.6	0.6					4.3	LR	14.2	--	--	--	--	P			Severe Raveling.
2	24.292	9.5	L2	x	0.8	0.8	2.1	0.4	0.5					4.6	LR	--	2.7	SL	II	S	P			Severe Raveling.
3	23.755	3.0	L2	x	0.7	0.9	1.7	0.4	1.0					4.7	LR	9.3	--	--	--	--	P			Severe Raveling.. A class III moderate extend SL cracking noted near core
4	23.228	9.0	L2	x	0.7	1.3	1.4	0.4	0.7					4.5	LR	--	--	--	--	--	F			Severe Raveling.Void in type S layer
5	22.604	3.0	L2	x	0.8	1.2	1.3	0.5	1.4					5.2	LR	10.3	1.2	Br	Ib	S	P			Moderate Raveling.
6	22.065	3.5	L2	x	0.7	1.2	1.1	0.5	1.3					4.8	LR	--	--	--	--	--	P			Severe Raveling.
7	21.719	10.0	L2	x	1.0	1.3	1.1	0.4	1.4					5.2	LR	10.8	--	--	--	--	F			Severe Raveling.
8	21.719	2.0	OL		1.0	1.5								2.5	LR	1.5	--	--	--	--	F			
9	21.167	8.5	L2	x	0.8	1.8	1.5	0.6	1.1					5.8	LR	--	--	--	--	--	P			Severe Raveling.
10	20.473	10.0	L2	x	0.6	1.6	0.7						2.3	5.2	LR	12.1	--	--	--	--	P			Severe Raveling. 2.7 inches reflective crack from bottom
11	20.087	8.5	L2	x	0.7	0.9	0.6						1.8	4.0	LR	--	--	--	--	--	P			Severe Raveling. Mechanical gouge near core
12	19.653	10.0	R2	x	0.7	1.2							2.1	4.0	LR	10.0	--	--	--	--	P			Severe Raveling.
13	20.124	2.5	R2	x	0.9	1.5							2.2	4.6	LR	--	--	--	--	--	F			Moderate Raveling.
14	20.692	9.0	R2	x	0.8	4.2	1.6	0.4		0.6				7.6	LR	10.2	3.1	SL	III	S	P			Severe Raveling. Core delaminated 3.1 inches from top
15	21.398	10.5	R2	x	0.6	3.1	1.8	0.5	0.8		1.7	0.5		9.0	LR	7.0	7.0	SL	III	S	P			Severe Raveling Core delaminated 2 inches from top
16	21.583	9.5	R2	x	0.6	3.0	2.3	0.5	4.2		1.5	0.9		13.0	LR	7.5	B	SL	III	S	P			Severe Raveling.Core crumbled 2.4 inches from top.Due to severe deterioration of these layers, thickness of layers were estimated from surrounding pavement layers. Pavement thickness correlate to field measurement of 13 inches.

Remarks: Crack Depth of "B" indicates full depth crack to the base. * = Distance offset is from centerline

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; RAP= Recycled Asphalt Pavement

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

Project No.: 445298-1	Cored By: Rick. D / Mike. H (Terracon)	Date: March 14 - 16, 2023	Page No.: 2 of 5
County: Orange	Highway Sect. No.: 75060	From: West of SR 520	To: East of St. Anne Avenue
Road No.: SR 50	Begin MP: 19.604	End MP: 25.411	Length: 5.807 miles

Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)										Base		Crack				Pavt Cond.	Rut Depth (in.)	Cross Slope (%)	Comments
					FC-5	Type SP	Type S	ARMI	Type S	Type I	Type II	Surf. Trtmt.	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
17	21.712	10.0	R2	x	0.6	3.0	2.3	0.5	3.2		1.5	0.9		12.0	LR	4.0	B	SL	III	S	P			Severe Raveling. Core crumbled 1.9 inches from top. Due to severe deterioration of these layers, thickness of layers were estimated from surrounding pavement layers. Pavement thickness correlate to field measurement of 12 inches.
18	20.124	1.0	OR		1.2	1.5								2.7	LR	4.6	--	--	--	--	F			Moderate Raveling.
19	22.349	10.0	R2	x	0.6	3.0	1.3	0.5	1.3		1.2	0.6		8.5	LR	--	--	--	--	--	P			Severe Raveling.
20	22.349	1.5	OR		0.9	1.2	0.3							2.4	LR	5.6	--	--	--	--	F			
21	22.931	9.5	R2	x	1.0	3.7	1.8	0.4	0.5					7.4	LR	12.1	1.8	Br	II	S	P			Severe Raveling.
22	23.451	9.0	R2	x	0.9	4.0	1.3	0.6	1.7		0.9	0.4		9.8	LR	--	--	--	--	--	P			Severe Raveling. A class III moderate extend SL cracking noted near core
23	23.955	9.0	R2	x	0.9	4.0	1.5	0.3			1.4	0.6		8.7	LR	5.3	--	--	--	--	F			Severe Raveling. A class III moderate extend SL cracking noted near core
24	24.401	10.0	R2	x	1.0	3.2	1.5	0.6	0.6		1.4	0.6		8.9	LR	--	--	--	--	--	F			Severe Raveling.
25	24.401	1.5	OR		0.7	1.7	0.4							2.8	LR	3.9	--	--	--	--	F			
26	24.718	10.5	R2	x	1.0	3.0	3.3	0.7			0.6	0.5		9.1	LR	3.9	--	--	--	--	F			Severe Raveling
27	24.937	6.5	RRTL		0.8	0.7	3.9							5.4	SC	2.9	--	--	--	--	F			EB Right TL to Shell-Circle K/Cupid Ave
28	25.368	10.0	R2	x	0.6	3.1	2.0	0.4	1.2		1.0	0.4		8.7	LR	--	0.7	SL	II	M	P			Severe Raveling. At Anne Ave.
29	25.228	9.5	L2	x	0.7	1.8	1.4	0.5	0.4					4.8	LR	--	1.2	Br	II	M	P			Severe Raveling.
30	25.228	2.0	OL		1.0	1.6	0.9							3.5	LR	4.5	--	--	--	--	F			
31A	23.737	1.0	OL		0.8	1.7								2.5	LR	13.5	--	--	--	--	F			inside (toward to L2)
31B	23.737	1.0	OL		0.5	2.1	2.4							5.0	LR	9.5	--	--	--	--	F			outside (toward to lawn shoulder)

Remarks: Crack Depth of "B" indicates full depth crack to the base. * = Distance offset is from centerline

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; RAP= Recycled Asphalt Pavement

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

Project No.: 445298-1	Cored By: Rick. D / Mike. H (Terracon)	Date: March 14 - 16, 2023	Page No.: 3 of 5
County: Orange	Highway Sect. No.: 75060	From: West of SR 520	To: East of St. Anne Avenue
Road No.: SR 50	Begin MP: 19.604	End MP: 25.411	Length: 5.807 miles

Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)										Base		Crack				Pavt Cond.	Rut Depth (in.)	Cross Slope (%)	Comments
					FC-5	Type SP	Type S	ARMI	Type S	Type I	Type II	Surf. Trtmt.	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent				
32	19.964	4.0	R1		1.1	1.5	1.3						1.0	4.9	LR	--	1.9	Br	II	M	F			Moderate Raveling.
33	20.334	8.0	R1		0.9	1.4							2.3	4.6	LR	9.4	B	Br	II	M	P			
34	20.443	13.0	MXO		--	2.4	2.4							4.8	LR	12.2	--	--	--	--	F			No FC-5 in MXO
35	20.712	8.5	R1	x	0.9	4.0	1.5	0.6	0.7					7.7	LR	--	--	--	--	--	F			Moderate Raveling.
36A	21.318	3.0	R1	x	0.7	2.8	1.0	0.5	2.0					7.0	LR	10.0	B	Br	Ib	L	P			Inside. Moderate Raveling.
36B	21.318	3.0	R1	x	0.7	2.8	0.9	0.4	2.2	3.9				10.9	LR	6.1	B	Br	Ib	L	P			Outside. Moderate Raveling.
37	21.485	3.5	R1	x	0.8	2.7	1.9	0.3	0.8	3.5		1.4	0.4	11.8	LR	5.8	0.9	Br	Ib	L	F			Moderate Raveling.
38	21.744	8.5	R1	x	1.0	2.5	2.3	0.5	0.9		1.5	0.4		9.1	LR	6.4	2.3	SL	III	M	P			Severe Raveling.
39	22.343	9.0	R1	x	1.0	1.5	3.0	0.5	2.0		0.9	0.7		9.6	LR	6.4	2.8	SL	III	S	P			Severe Raveling.
40	22.615	3.0	R1	x	0.9	1.7	2.1	0.5	1.4	0.5				7.1	LR	8.9	0.4	Br	Ib	L	F			Light Raveling
41	23.155	7.0	R1		0.9	1.6	2.0	0.7	1.6	3.6	0.6	0.9		11.9	LR	--	2.8	SL	III	S	P			
42	23.585	8.0	R1	x	0.8	2.5	1.4	0.5	3.1	1.2	1.1	0.8		11.4	LR	6.4	0.3	Br	Ib	L	F			
43	24.007	9.0	R1	x	1.0	2.6	2.3	0.5	2.5	0.5	0.6	0.8		10.8	LR	--	1.0	Br	II	M	P			Moderate Raveling.
44A	24.611	1.5	R1		1.0	1.3	2.7	1.0		5.0	1.4	0.3		12.5	LR	7.3	6.9	SL	III	S	P			Inside (toward to median) Moderate Raveling
44B	24.611	1.5	R1		1.0	1.3	2.7	0.9		0.9				6.8	LR	13.0	6.9	SL	III	S	P			Outside (toward to R2) Moderate Raveling.
45	25.008	1.5	R1		0.9	1.8	1.7	0.3	2.1					6.8	LR	--	0.7	SL	III	S	P			Severe Raveling.

Remarks: Crack Depth of "B" indicates full depth crack to the base. *= Distance offset is from centerline

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; RAP= Recycled Asphalt Pavement

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

Project No.: 445298-1	Cored By: Rick. D / Mike. H (Terracon)	Date: March 14 - 16, 2023	Page No.: 4 of 5
County: Orange	Highway Sect. No.: 75060	From: West of SR 520	To: East of St. Anne Avenue
Road No.: SR 50	Begin MP: 19.604	End MP: 25.411	Length: 5.807 miles

Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)										Base		Crack				Pavt Cond.	Rut Depth (in.)	Cross Slope (%)	Comments	
					FC-5	Type SP	Type S	ARMI	Type S	Type I	Type II	Surf. Trtmt.	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent					
46	25.383	6.5	MXO		--	1.8	2.9								4.7	LR	10.3	--	--	--	--	F			No FC-5 in MXO
47	25.390	3.5	R1		0.7	1.5	2.0	0.5	2.5	3.5	1.9	0.6			13.2	LR	6.3	0.8	A	III	S	P			Severe Raveling.
48	25.346	1.5	L1	x	1.0	1.5	1.3	0.7	0.9	1.2					6.6	LR	9.9	1.1	SL	III	S	P			Severe Raveling.
49	25.108	4.0	L1	x	0.7	1.5	1.6	0.3	0.5	0.5					5.1	LR	--	0.5	SL	II	M	P			Moderate Raveling. Weak layer bonding
50	24.508	2.5	L1	x	0.8	1.2	0.9	0.3	0.8	1.1					5.1	LR	10.9	--	--	--	--	P			Severe Raveling
51	23.989	8.5	L1	x	0.7	1.4	1.5	0.5	1.2						5.3	LR	--	1.8	SL	III	S	P			Severe Raveling.
52	23.607	29.0	MXO		--	1.1	2.5								3.6	LR	10.7	--	--	--	--	F			No FC-5 in MXO
53	23.516	7.5	L1		0.9	1.2	1.5	0.4	0.6						4.6	LR	12.4	3.6	SL	III	M	F			
54	22.994	9.5	L1	x	0.7	1.3	2.0	0.3	0.8						5.1	LR	9.9	4.1	Br	III	M	P			Severe Raveling
55	22.563	7.5	L1		0.9	1.7	1.5	0.3	1.0	0.4					5.8	LR	--	3.9	Br	III	S	P			Moderate Raveling.
56	22.051	2.5	L1	x	0.7	1.4	1.2	0.4		1.4					5.1	LR	10.2	2.7	SL	II	M	P			Light Raveling
57	21.791	3.0	L1	x	0.7	1.5	1.3	0.4	1.4						5.3	LR	--	3.6	SL	III	M	P			Moderate Raveling.
58	21.361	2.5	L1	x	1.1	1.3	2.1	0.3	0.4						5.2	LR	10.3	0.4	Br	II	S	P			Severe Raveling.
59	20.750	8.5	L1	x	0.8	1.4	1.4	0.6	0.9						5.1	LR	--	--	--	--	--	P			Severe Raveling.
60	19.923	9.0	L1	x	0.7	1.7	1.4						1.3		5.1	LR	9.9	--	--	--	--	P			Severe Raveling
61	22.641	5.0	MXO		--	2.3	0.9			1.9					5.1	LR	11.4	--	--	--	--	F			No FC-5 in MXO

Remarks: Crack Depth of "B" indicates full depth crack to the base. *= Distance offset is from centerline

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; RAP= Recycled Asphalt Pavement

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

Project No.: 445298-1	Cored By: Rick. D / Mike. H (Terracon)	Date: March 14 - 16, 2023	Page No.: 5 of 5
County: Orange	Highway Sect. No.: 75060	From: West of SR 520	To: East of St. Anne Avenue
Road No.: SR 50	Begin MP: 19.604	End MP: 25.411	Length: 5.807 miles

Core No.	MP	Distance from left edge of lane (ft.)	Lane	Wheel Path	Pavement Layers (in.)										Base		Crack				Pavt Cond.	Rut Depth (in.)	Cross Slope (%)	Comments				
					FC-5	Type SP	Type S	ARMI	Type S	Type I	Type II	Surf. Trtmt.	Binder	Core Length (in.)	Type	Thick-ness (in.)	Depth (in.)	Type	Class	Extent								
A	0.165	3.0	RAMP	x	0.5		2.5								3.0	SAHM	4.6	B	BI	III	S	P				Ramp #75140-000 - - Inside Ramp Lane Severe Raveling		
B	0.369	9.0	RAMP	x	0.6		4.4			1.3					6.3	SAHM	1.6	--	--	--	--	F				Ramp #75140-000 - - Outside Ramp Lane Severe Raveling. 1.2 inches crack from bottom		
C	0.275	8.5	RAMP	x	0.8		3.6						1.7	6.1	LR	10.2	--	--	--	--	F				Ramp #75140-040 From SR 520 WB to SR 50 EB			
D	0.230	3.0	RAMP	x	1.1		4.4						1.6	7.1	LR	9.9	--	--	--	--	F				Ramp #75140-050 Accel/Merge Lane from SR 50 WB to SR 520 EB			
E	0.233	3.0	RAMP	x	0.6		4.8						0.9	6.3	LR	8.7	0.6	SL	II	S	P				Ramp #75140-111. Severe Raveling From SR 520 WB to SR 50 WB			
F	0.615	12.0	RAMP		0.6		3.3						2.2	6.1	LR	9.7	0.5	SL	III	S	P				Ramp #75140-111. Severe Raveling From SR 520 WB to SR 50 WB			

Remarks: Crack Depth of "B" indicates full depth crack to the base. *= Distance offset is from centerline

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; SBRM= Sand Bituminous Road Mix; NB= No Base; RAP= Recycled Asphalt Pavement