STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored by: Dustin Hall/Steve Cook | Date: May 8, 9, 13, 2024 | Page 1 of 7 | Typical Section No.:

W.P.I. No.:	Name: Resurface SR 407 from Mile post 0 to 6.788		Lanes:
Fin. Proj. ID: 453540-1 & 453541-1	From: SR 528		Shoulder Type and Condition:
F.A. Proj. No.:	To: SR 405		Inside:
County: Brevard	SR No.: 407	Beg MP: 0.000 / End MP: 6.788 / Length 6.788	Outside:
Median Curbed (Y / N):	Paved, Lawn, Other:		Curb & Gutter (Y / N):

Core No.	Mile Post or Sta. No.	Lane	Wheel Path	Pavement Layer Type (in.) Top FC5	F125	SP1F	SP2F	SP3F								Core Lgth (in.)	Base LR	SC	ABC	NB	Total	Stabilized Subgrade Yes / No	Thickness	Crack Depth (in.)	Full Depth	Type	Class	Extent	Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direction	Comments	Latitude	Longitude
1	0.027	R1	RWP	0.9	-	-	2.5	-								3.4	-	7.3	-	-	7.3			3.4	Yes	A	III	S	P				Crack approx. 45' long	28.45236	-80.87848
2	0.169	R1	LWP	0.9	-	-	3.6	-								4.5	-	8.3	-	-	8.3			0.9	No	SL	II	M	F				Crack approx. 10' long	28.45206	-80.87617
3	0.666	R1	RWP	0.9	-	-	3.6	-								4.5	-	9.5	-	-	9.5			4.5	Yes	ST	II	L	P				Crack approx. 14' lomg; Horizontal Delamination @ 3.0"	28.45584	-80.86985
4	0.799	R1	RWP	0.7	-	1.9	-	1.7								4.3	-	9.5	-	-	9.5			4.3	Yes	ST	II	M	P				Crack approx. 10' long	28.45751	-80.86872
5	1.023	R1	RWP	0.9	-	-	4.4	-								5.3	-	8.8	-	-	8.8			-	-	SL	I	M	P				Crack approx. 31' long	28.46029	-80.86682
6	1.49	R1	RWP	1.0	-	-	5.0	-								6.0	-	8.0	-	-	8.0			-	-	-	-	-	F					28.46589	-80.86300
7	1.658	R1	RWP	1.0	-	-	5.0	-								6.0	-	7.5	-	-	7.5			1.0	No	SL	II	S	F				Crack approx. 25' long	28.46820	-80.86143
8	1.924	R1	RWP	0.8	-	3.8	1.0	-								5.6	-	10.0	-	-	10.0			-	-	SL	II	M	F				Crack approx. 25' long	28.47151	-80.85917
9	2.102	R1	RWP	0.6	-	1.4	4.0	-								6.0	-	8.0	-	-	8.0			1.2	No	SL	I	M	F				Crack approx. 23' long	28.47373	-80.85766
10	2.215	R1	RWP	0.7	-	1.9	-	1.1								3.7	-	7.8	-	-	7.8			3.7	Yes	A	III	S	P				Crack approx. 44' long; base pumping observed	28.47513	-80.85671
11	2.464	R1	RWP	0.7	-	-	1.8	-								2.5	-	10.5	-	-	10.5			2.5	Yes	A	II	S	P				Crack approx. 48' long	28.47823	-80.85460
12	2.574	R1	RWP	0.6	-	-	1.9	3.0								5.5	9.0	-	-	-	9.0			1.0	No	SL	I	M	F				Crack approx. 16' long	28.47961	-80.85366
13	3.425	R1	RWP	0.8	-	1.3	3.7	-								5.8	-	10.8	-	-	10.8			-	-	SL	II	M	F				Crack approx. 26' long	28.49019	-80.84643
14	3.491	R1	RWP	0.9	-	-	4.6	-								5.5	-	10.0	-	-	10.0			-	-	SL	I	L	F					28.49146	-80.84557
15	3.756	R1	RWP	0.7	-	-	3.5	-								4.2	-	8.3	-	-	8.3			-	-	SL	I	L	F				Crack approx. 1' long	28.49432	-80.84362
16	4.279	R1	RWP	0.7	-	-	3.5	-								4.2	-	7.5	-	-	7.5			-	-	SL	II	S	F				Crack approx. 10' long	28.50082	-80.83918
17	5.291	R1	LWP	0.8	-	-	-	4.7								5.5	9.8	-	-	-	9.8			-	-	SL	I	L	F				Crack approx. 16' long	28.51342	-80.83059
18	5.413	R1	RWP	0.9	-	-	2.6	3.3								6.8	8.3	-	-	-	8.3			1.0	No	SL	I	M	F				Crack approx. 22' long	28.51494	-80.82954
19	5.599	R1	RWP	0.8	-	-	1.6	3.6								6.0	9.0	-	-	-	9.0			2.8	No	SL	II	L	P				Crack approx. 16' long	28.51724	-80.82796

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored by: Dustin Hall/Steve Cook | Date: May 8, 9, 13, 2024 | Page 2 of 7 | Typical Section No.:

W.P.I. No.:	Name: Resurface SR 407 from Mile post 0 to 6.788		Lanes:
Fin. Proj. ID: 453540-1 & 453541-1	From: SR 528		Shoulder Type and Condition:
F.A. Proj. No.:	To: SR 405		Inside:
County: Brevard	SR No.: 407	Beg MP: 0.000 / End MP: 6.788 / Length 6.788	Outside:
Median Curbed (Y / N):	Paved, Lawn, Other:		Curb & Gutter (Y / N):

Core No.	Mile Post or Sta. No.	Lane	Wheel Path	Pavement Layer Type (in.) Top FC5	F125	SP1F	SP2F	SP3F								Core Lgth (in.)	Base LR	SC	ABC	NB	Total	Stabilized Subgrade Yes / No	Thickness	Crack Depth (in.)	Full Depth	Type	Class	Extent	Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direction	Comments	Latitude	Longitude
20	5.967	R1	RWP	0.9	-	1.2	2.9	-								5.0	10.0	-	-	-	10.0			-	-	-	-	-	F					28.52182	-80.82486
21	6.366	R1	RWP	0.7	-	1.5	-	3.3								5.5	-	8.0	-	-	8.0			1.8	No	SL	II	L	F				Crack approx. 12' long	28.52681	-80.82146
22	6.575	R1	LWP	1.0	-	1.0	-	3.0								5.0	10.3	-	-	-	10.3			-	-	SL	II	M	F				Crack approx. 5' long	28.52946	-80.81980
23	4.62	R2	LWP	1.0	-	1.6	-	1.1								3.7	8.8	-	-	-	8.8			-	-	SL	I	L	F				Crack approx. 5' long	28.50516	-80.83607
24	5.456	R2	Center	0.7	-	-	1.6	3.4								5.7	8.0	-	-	-	8.0			2.2	No	Br	III	L	F				Crack approx. 7' long; Horizontal Delamination @ 2.2"	28.51513	-80.82938
25	5.479	R2	RWP	-	0.7	-	1.2	3.3								5.2	7.5	-	-	-	7.5			-	-	Br	III	S	P				Patched area; Horizontal Delamination @ 1.9"	28.51575	-80.82898
44	1.5	OR	Center	1.6	-	-	1.4	-								3.0	-	-	5.6	-	5.6			2.2	No	-	-	-	G				Horizontal Delamination @ 2.2"	28.46601	-80.86287
45	3.0	OR	Center	1.0	-	-	3.0	-								4.0	-	6.8	-	-	6.8			-	-	-	-	-	G					28.48506	-80.84989
46	4.5	OR	Center	1.2	-	-	1.5	-								2.7	12.3	-	-	-	12.3			-	-	-	-	-	G					28.50378	-80.83710
47	6.0	OR	Center	1.4	-	-	2.3	1.8								5.5	4.8	-	-	-	4.8			-	-	-	-	-	G					28.52179	-80.82485
87	4.008	RLTL-1	LWP	1.0	-	-	5.4	-								6.4	14.0	-	-	-	14.0			-	-	SL	I	L	F				Crack approx. 3' long	28.49805	-80.84108

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

Crack Types: A= Alligator; Bl= Block; Br= Branch; SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

Crack Class: IB = ≤ 1/8"; II = > 1/8" to ≤ 1/4"; III = > 1/4"

Crack Extent: L= Light; M= Moderate; S= Severe Pavement Condition: G= Good; F= Fair; P= Poor

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored by: Dustin Hall/Steve Cook | Date: May 8, 9, 13, 2024 | Page 3 of 7 | Typical Section No.:

W.P.I. No.:		Name:	Resurface SR 407 from Mile post 0 to 6.788		Lanes:
Fin. Proj. ID:	453540-1 & 453541-1	From:	SR 528		Shoulder Type and Condition:
F.A. Proj. No.:		To:	SR 405		Inside:
County: Brevard	SR No.: 407	Beg MP: 0.000	End MP: 6.788	Length 6.788	Outside:
Median Curbed (Y / N):	Paved, Lawn, Other:				Curb & Gutter (Y / N):

Core No.	Mile Post or Sta. No.	Lane	Wheel Path	Pavement Layer Type (in.) Top FC5	F125	SP1F	SP2F	SP3F								Core Lgth (in.)	Base LR	SC	ABC	NB	Total	Stabilized Subgrade Yes / No	Thickness	Crack Depth (in.)	Full Depth	Type	Class	Extent	Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direction	Comments	Latitude	Longitude
49	6.664	L1	RWP	1.0	-	1.9	2.7	-								5.6	-	10.8	-	-	10.8			1.6	No	SL	II	L	F				Crack approx. 19' long	28.53073	-80.81949
50	5.925	L1	RWP	0.7	-	1.8	-	2.5								5.0	10.0	-	-	-	10.0			5.0	Yes	ST	I	M	P				Crack approx. 2' long	28.52133	-80.82524
51	5.678	L1	LWP	0.8	-	1.5	2.8	-								5.1	-	7.3	-	-	7.3			1.4	No	SL	II	M	F				Crack approx. 77' long	28.51827	-80.82736
52	4.601	L1	LWP	0.7	-	1.1	2.7	-								4.5	9.5	-	-	-	9.5			2.5	No	SL	II	M	F				Crack approx. 4' long	28.50486	-80.83649
53	4.418	L1	LWP	1.2	-	1.4	3.2	-								5.8	8.8	-	-	-	8.8			3.8	No	SL/Br	III	S	P				Crack approx. 50' long; Horizontal Delamination @ 1.5"	28.50258	-80.83804
54	4.201	L1	LWP	0.7	-		3.3	-								4.0	-	7.3	-	-	7.3			2.1	No	SL	II	M	P				Crack approx. 11' long; observed raveling; Horizontal Delamination @ 2.1"	28.49987	-80.83988
55	4.005	L1	RWP	1.2	-	-	2.3	-								3.5	-	6.8	-	-	6.8			3.5	Yes	SL	II	S	P				Crack approx. 13' long	28.49743	-80.84155
56	2.53	L1	RWP	0.9	-	1.6	3.0	-								5.5	-	6.3	-	-	6.3			2.0	No	SL	II	L	F				Crack approx. 10' long	28.47907	-80.85405
57	2.475	L1	RWP	0.8	-	1.9	-	-								2.7	-	7.3	-	-	7.3			2.7	Yes	A	III	S	P				Crack approx. 39' long; base pumping observed	28.47838	-80.85452
58	2.412	L1	LWP	0.9	-	1.4	-	1.7								4.0	-	5.5	-	-	5.5			4.0	Yes	A	III	S	P				Crack approx. 42' long	28.47759	-80.85506
59	2.157	L1	RWP	0.6	-	1.4	3.6	-								5.6	-	10.5	-	-	10.5			1.5	No	SL	II	M	P				Crack approx. 22' long	28.47442	-80.85722
60	1.807	L1	LWP	0.8	-	-	5.5	-								6.3	-	7.5	-	-	7.5			2.5	No	SL	II	M	F				Crack approx. 22' long	28.47006	-80.86019
61	1.754	L1	LWP	0.8	-	-	5.0	-								5.8	-	8.3	-	-	8.3			2.8	No	SL	II	M	P				Crack approx. 14' long	28.46940	-80.86064
62	1.703	L1	LWP	1.0	-	-	5.0	-								6.0	-	8.3	-	-	8.3			2.5	No	SL	II	M	F				Crack approx. 37' long; Horizontal Delamination @ 2.5"	28.46876	-80.86107
63	1.606	L1	LWP	0.8	-	-	3.2	2.0								6.0	-	8.3	-	-	8.3			2.7	No	SL	III	S	F				Crack approx. 36' long	28.46756	-80.86189
64	1.402	L1	RWP	0.6	-	-	4.0	-								4.6	-	9.3	-	-	9.3			4.6	Yes	SL	II	S	F				Crack approx. 25' long; Horizontal Delamination @ 3.3"	28.46502	-80.86362

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored by: Dustin Hall/Steve Cook | Date: May 8, 9, 13, 2024 | Page 4 of 7 | Typical Section No.:

W.P.I. No.:	Name: Resurface SR 407 from Mile post 0 to 6.788		Lanes:
Fin. Proj. ID: 453540-1 & 453541-1	From: SR 528		Shoulder Type and Condition:
F.A. Proj. No.:	To: SR 405		Inside:
County: Brevard	SR No.: 407	Beg MP: 0.000 / End MP: 6.788 / Length 6.788	Outside:
Median Curbed (Y / N):	Paved, Lawn, Other:		Curb & Gutter (Y / N):

Core No.	Mile Post or Sta. No.	Lane	Wheel Path	Pavement Layer Type (in.) Top	FC5	F125	SP1F	SP2F	SP3F								Core Lgth (in.)	Base LR	SC	ABC	NB	Total	Stabilized Subgrade Yes / No	Thickness	Crack Depth (in.)	Full Depth	Type	Class	Extent	Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direction	Comments	Latitude	Longitude
65	1.322	L1	RWP	0.8	-	-	4.2	-									5.0	-	11.0	-	-	11.0			2.0	No	SL	II	S	F				Crack approx. 13' long; Horizontal Delamination @ 3.5"	28.46402	-80.86430
66	1.285	L1	RWP	0.6	-	-	4.6	-									5.2	-	9.8	-	-	9.8			0.6	No	SL	II	S	F				Crack approx. 9' long	28.46357	-80.86462
67	1.184	L1	RWP	0.7	-	-	4.3	-									5.0	-	8.3	-	-	8.3			-	-	SL	II	S	P				Crack approx. 28' long; raveling observed	28.46231	-80.86548
68	1.004	L1	RWP	0.8	-	-	-	3.0									3.8	-	7.8	-	-	7.8			3.8	Yes	A	III	S	F				Crack approx. 97' long; base pumping observed; Horizontal Delamination @ 2.4"	28.46007	-80.86700
69	0.961	L1	LWP	0.8	-	-	3.6	-									4.4	-	11.5	-	-	11.5			-	-	SL	II	M	F				Crack approx. 8' long	28.45953	-80.86737
74	6.596	OL	Center	0.8	-	-	4.4	-									5.2	6.0	-	-	-	6.0			5.2	Yes	ST	II	M	F				Crack approx. 4' long	28.52976	-80.81976
75	4.575	OL	Center	0.9	-	-	1.3	-									2.2	7.8	-	-	-	7.8			-	-	-	-	-	F				Crack approx. 56' long; raveling observed	28.50454	-80.83674
76	3.545	OL	Center	1.4	-	-	3.1	-									4.5	-	-	4.5	-	4.5			-	-	-	-	-	G					28.49171	-80.84548
77	2.517	OL	Center	1.0	-	1.2	-	-									2.2	-	-	5.0	-	5.0			-	-	-	-	-	G					28.47893	-80.85419
78	1.34	OL	Center	0.8	-	-	4.5	-									5.3	-	-	2.8	-	2.8			4.3	No	SL	I	L	F				Crack approx. 8' long	28.46427	-80.86417
79	0.99	OL	Center	1.2	-	-	5.1	-									6.3	-	6.3	-	-	6.3			-	-	SL	I	M	F				Crack approx. 11' long	28.45989	-80.86716

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

Crack Types: A= Alligator; Bl= Block; Br= Branch; SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

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Crack Extent: L= Light; M= Moderate; S= Severe Pavement Condition: G= Good; F= Fair; P= Poor

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored by: Dustin Hall/Steve Cook | Date: May 8, 9, 13, 2024 | Page 5 of 7 | Typical Section No.:

W.P.I. No.:		Name: Resurface SR 407 from Mile post 0 to 6.788	Lanes:
Fin. Proj. ID: 453540-1 & 453541-1		From: SR 528	Shoulder Type and Condition:
F.A. Proj. No.:		To: SR 405	Inside:
County: Brevard	SR No.: 407	Beg MP: 0.000 / End MP: 6.788 / Length 6.788	Outside:
Median Curbed (Y / N):	Paved, Lawn, Other:		Curb & Gutter (Y / N):

Core No.	Mile Post or Sta. No.	Lane		Wheel Path	Pavement Layer Type (in.) Top	FC5	F125	SP1F	SP2F	SP3F								Core Lgth (in.)	Base LR	SC	ABC	NB	Total	Stabilized Subgrade Yes / No	Thickness	Crack Depth (in.)	Full Depth	Type	Class	Extent	Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direction	Comments	Latitude	Longitude
SR 407 NB Off Ramp to I-95 / 70225085																																					
26	0.025	RAMP	R1	RWP	0.7	-	-	3.1	-									3.8	10.8	-	-	-	10.8			-	-	-	-	-	F					28.50265	-80.83741
28	0.034	RAMP	R1	LWP	0.2	-	-	1.0	2.3									3.5	-	9.5	-	-	9.5			-	-	SL	II	S	F				Crack approx. 39' long; base pumping observed	28.50250	-80.83749
29	0.141	RAMP	R1	Center	0.6	-	-	1.9	4.4									6.9	9.0	-	-	-	9.0			3.3	No	SL	II	S	P				Crack approx. 39' long; Horizontal Delamination @ 3.3"	28.50190	-80.83655
30	0.203	RAMP	R1	RWP	0.8	-	-	1.8	3.2									5.8	9.8	-	-	-	9.8			3.0	No	ST	II	S	P				Crack approx. 15' long; Horizontal Delamination @ 3.0"	28.50120	-80.83690
31	0.247	RAMP	R1	Center	0.9	-	-	1.0	3.8									5.7	-	11.3	-	-	11.3			1.9	No	SL	II	M	F				Crack approx. 8' long; Horizontal Delamination @ 1.9"	28.50137	-80.83815
32	0.034	RAMP	OR	Center	1.2	-	-	3.5	-									4.7	-	10.3	-	-	10.3			-	-	-	-	-	F					28.50246	-80.83749
33	0.203	RAMP	OR	Center	-	1.0	1.2	0.6	2.1									4.9	11.8	-	-	-	11.8			-	-	-	-	-	G					28.50123	-80.83691
34	0.247	RAMP	OR	Center	-	0.8	0.5	1.0	-									2.3	14.0	-	-	-	14.0			-	-	-	-	-	G					28.50140	-80.83815
I-95 NB Off Ramp to SR 407 / 70225105																																					
27	0.025	RAMP	OR	RWP	-	-	-	1.5	-									1.5	5.5	-	-	-	5.5			-	-	-	-	-	G					28.50257	-80.83687
35	0.078	RAMP	R1	RWP	1.0	-	-	2.7	-									3.7	12.3	-	-	-	12.3			-	-	-	-	-	F					28.50255	-80.83688
I-95 NB Off Ramp to SR 407 / 70225086																																					
36	0.021	RAMP	R1	Center	0.8	-	1.5	-	2.5									4.8	8.3	-	-	-	8.3			2.8	No	SL	II	M	F				Crack approx. 40' long	28.49813	-80.83548
37	0.237	RAMP	R1	RWP	1.1	-	-	1.4	1.5									4.0	7.3	-	-	-	7.3			4.0	Yes	SL	II	L	F				Crack approx. 7' long	28.50115	-80.83623
38	0.285	RAMP	R1	Center	0.5	-	-	-	3.2									3.7	-	10.0	-	-	10.0			2.7	No	SL	II	L	F				Crack approx. 5' long; raveling observed	28.50183	-80.83627
39	0.441	RAMP	R1	Center	0.5	-	-	1.9	2.0									4.4	-	8.0	-	-	8.0			2.4	No	SL	II	M	F				Crack approx. 31' long	28.50410	-80.83635
40	0.021	RAMP	OR	Center	-	1.4	0.3	-	-									1.7	-	-	6.3	-	6.3			-	-	-	-	-	G					28.49813	-80.83546
41	0.237	RAMP	OR	Center	-	-	-	1.5	-									1.5	9.3	-	-	-	9.3			-	-	-	-	-	G					28.50113	-80.83618
42	0.441	RAMP	OR	Center	-	1.0	1.4	-	-									2.4	-	-	4.0	-	4.0			-	-	-	-	-	G					28.50409	-80.83631
SR 405 Entrance/Exit Ramps																																					
43	6.773	RAMP	L1	RWP	1.0	-	-	1.1	-									2.1	-	14.8	-	-	14.8			-	-	-	-	-	F				SB Entrance from SR 405	28.53227	-80.81915
48	-	RAMP	R1	RWP	0.7	-	1.8	-	-									2.5	-	10.0	-	-	10.0			-	-	-	-	-	F				NB Exit to SR 405	28.53214	-80.81820

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored by: Dustin Hall/Steve Cook | Date: May 8, 9, 13, 2024 | Page 6 of 7 | Typical Section No.:

W.P.I. No.:		Name: Resurface SR 407 from Mile post 0 to 6.788	Lanes:
Fin. Proj. ID: 453540-1 & 453541-1		From: SR 528	Shoulder Type and Condition:
F.A. Proj. No.:		To: SR 405	Inside:
County: Brevard	SR No.: 407	Beg MP: 0.000 / End MP: 6.788 / Length 6.788	Outside:
Median Curbed (Y / N):	Paved, Lawn, Other:		Curb & Gutter (Y / N):

Core No.	Mile Post or Sta. No.	Lane		Wheel Path	Pavement Layer Type (in.) Top	FC5	F125	SP1F	SP2F	SP3F								Core Lgth (in.)	Base LR	SC	ABC	NB	Total	Stabilized Subgrade Yes / No	Thickness	Crack Depth (in.)	Full Depth	Type	Class	Extent	Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direction	Comments	Latitude	Longitude
Exit 37 SB Off Ramp to SR 528 / 70471001																																					
70	0.009	RAMP	L1	LWP	0.6	-	1.5	2.3	-									4.4	-	9.5	-	-	9.5			-	-	-	-	-	P				Raveling observed	28.45782	-80.86865
71	0.674	RAMP	L1	RWP	0.5	-	1.7	-	-									2.2	-	8.0	-	-	8.0			-	-	-	-	-	F				Raveling observed	28.45305	-80.87698
72	0.356	RAMP	OL	Center	1.0	-	0.3	-	-									1.3	-	-	5.7	-	5.7			1.4	No	SL	I	M	F				Crack approx. 4' long	28.45392	-80.87217
73	0.162	RAMP	IL	Center	0.7	-	-	2.1	3.7									6.5	-	6.5	-	-	6.5			2.8	No	SL	II	M	F				Crack approx. 4' long; Horizontal Delamination @ 2.8"	28.45634	-80.86974
I-95 SB Off Ramp to SR 407 / 70225084																																					
80	0.011	RAMP	OL	Center	1.4	-	-	2.1	-									3.5	7.3	-	-	-	7.3			-	-	-	-	-	G					28.49985	-80.84004
81	0.193	RAMP	OL	Center	0.7	-	-	1.3	-									2.0	-	-	-	NB	0.0			0.7	No	-	-	-	F					28.50092	-80.84164
82	0.502	RAMP	OL	Center	-	0.8	-	1.2	-									2.0	14.0	-	-	-	14.0			-	-	-	-	-	G					28.50011	-80.83774
83	0.066	RAMP	L1	LWP	0.8	-	-	1.0	5.0									6.8	-	9.8	-	-	9.8			2.8	No	SL/Br	II	S	P				Crack approx. 25' longHorizontal Delamination @ 2.8"	28.49964	-80.84079
84	0.352	RAMP	L1	LWP	0.9	-	-	1.4	5.0									7.3	6.3	-	-	-	6.3			2.0	No	SL	II	S	F				Crack approx. 7' long	28.50213	-80.83953
85	0.432	RAMP	L1	RWP	0.8	-	-	1.9	1.5									4.2	-	9.8	-	-	9.8			3.5	No	ST	II	L	F				Crack approx. 5' long	28.50128	-80.83865
86	0.502	RAMP	L1	RWP	0.8	-	-	1.9	4.3									7.0	-	7.5	-	-	7.5			7.0	Yes	ST	III	L	P				Crack approx. 11' long	28.50013	-80.83771
88	4.06	RAMP	L1	RWP	0.7	-	-	3.0	-									3.7	10.3	-	-	-	10.3			-	-	-	-	-	F					28.49942	-80.84063
89	0.597	RAMP	OL	Center	-	1.4	-	1.1	-									2.5	8.5	-	-	-	8.5			-	-	-	-	-	G					28.49943	-80.84066
I-95 SB Off Ramp to SR 407 / 70225083																																					
90	0.127	RAMP	L1	LWP	1.0	-	-	2.8	-									3.8	7.5	-	-	-	7.5			3.8	Yes	SL/Br	II	M	P				Crack approx. 8' long	28.50538	-80.84232
91	0.288	RAMP	L1	RWP	1.0	-	-	1.4	1.6									4.0	6.8	-	-	-	6.8			4.0	Yes	ST	II	M	P				Crack approx. 9' long	28.50315	-80.84199
92	0.421	RAMP	L1	RWP	0.9	-	-	2.6	-									3.5	8.0	-	-	-	8.0			3.5	Yes	ST/Br	II	S	P				Crack approx. 9' long; raveling observed	28.50148	-80.84192
93	0.597	RAMP	L1	RWP	0.6	-	-	1.8	2.1									4.5	7.3	-	-	-	7.3			2.0	No	SL	II	M	F				Crack approx. 9' long	28.49901	-80.84182
94	0.608	RAMP	L1	RWP	0.7	-	-	1.9	2.0									4.6	-	10.3	-	-	10.3			1.2	No	SL	II	M	P				Crack approx. 8' long	28.49886	-80.84182
95	0.673	RAMP	L1	RWP	0.6	-	1.2	1.4	-									3.2	-	10.0	-	-	10.0			-	-	-	-	-	F				Raveling observed	28.49673	-80.84213
96	0.351	RAMP	OL	Center	-	0.8	1.2	-	-									2.0	-	-	4.0	-	4.0			-	-	-	-	-	G					28.50234	-80.84196
97	0.673	RAMP	OL	Center	0.8	-	2.2	-	-									3.0	-	-	3.8	-	3.8			-	-	-	-	-	G					28.49674	-80.84216
98	-0.05	RAMP	L1	RWP	1.0	-	-	2.7	-									3.7	-	9.8	-	-	9.8			-	-	-	-	-	F				Raveling observed	28.50083	-80.84187
101	-0.05	RAMP	OL	Center	-	-	-	1.4	-									1.4	12.5	-	-	-	12.5			-	-	-	-	-	G					28.50083	-80.84189
103	0.389	RAMP	IL	Center	-	0.5	-	1.7	-									2.2	10.0	-	-	-	10.0			-	-	-	-	-	G					28.50188	-80.84195

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

PAVEMENT EVALUATION CORING AND CONDITION DATA

Cored by: Dustin Hall/Steve Cook Date: May 8, 9, 13, 2024 Page 7 of 7 Typical Section No.:

W.P.I. No.:			Name: Resurface SR 407 from Mile post 0 to 6.788			Lanes:
Fin. Proj. ID: 453540-1 & 453541-1			From: SR 528			Shoulder Type and Condition:
F.A. Proj. No.:			To: SR 405			Inside:
County: Brevard	SR No.: 407		Beg MP: 0.000	End MP: 6.788	Length 6.788	Outside:
Median Curbed (Y / N):	Paved, Lawn, Other:					Curb & Gutter (Y / N):

Core No.	Mile Post or Sta. No.	Lane		Wheel Path	Pavement Layer Type (in.) Top / FC5	F125	SP1F	SP2F	SP3F								Core Lgth (in.)	Base LR	SC	ABC	NB	Total	Stabilized Subgrade Yes / No	Thickness	Crack Depth (in.)	Full Depth	Type	Class	Extent	Pvmt Cond	Rut Depth (in.)	Cross Slope (%)	Cross Slope Direction	Comments	Latitude	Longitude
I-95 SB Off Ramp to SR 407 / 70225106																																				
99	0.044	RAMP	L1	LWP	0.7	-	-	4.0	-								4.7	11.3	-	-	-	11.3			2.6	No	SL	I	L	F				Crack approx. 3' long	28.50002	-80.84170
100	0.091	RAMP	L1	RWP	0.7	-	-	3.6	-								4.3	11.5	-	-	-	11.5			-	-	-	-	-	F					28.49926	-80.84056
102	0.044	RAMP	OL	Center	-	0.6	-	1.7	-								2.3	8.5	-	-	-	8.5			-	-	-	-	-	G					28.50001	-80.84173

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

Crack Types: A= Alligator; Bl= Block; Br= Branch; SL= Single Longitudinal; ST= Single Transverse; R= Reflective; J= Joint; OGFC= Open-Graded FC Stress Crack

Crack Class: IB = ≤ 1/8"; II = > 1/8" to ≤ 1/4"; III = > 1/4"

Crack Extent: L= Light; M= Moderate; S= Severe Pavement Condition: G= Good; F= Fair; P= Poor