

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**PAVEMENT EVALUATION CORING AND CONDITION DATA**

Cored By: Madrid Engineering Group

Coring Completion Date: 4/12/2022

Typical Section: \_\_\_\_\_

W.P.I. No.:				Name: SR 45 / US 41				Lanes: 4					
Fin. Proj. ID: 443981-1				From: S of SR 44				Shoulder Type and Condition:					
F.A. Project No.:		Roadway ID: 02010000		To: E Grace St.				Inside:					
County: Citrus		SR No.: 45		Beg MP: 12.192		End MP: 12.398		Length: 0.206		Outside: Lawn, fair			
Overall Pavement Condition (from DMO field review): Fair				Median Curbed (Y/N): Y		Paved X		Lawn		Other:		Curb & Gutter (Y/N): N	

All Cores																										
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS
					FC12.5	SP12.5	S	S2										LR					DEPTH (IN.)	TYPE		
1	12.215	SS	L2	N	1.3	1.0	3.2								5.5	36.0				0.0				F	NB SR 44 / HIGHLANDS AVE	
2	12.197	ML	L1	N	1.7	3.0									4.7	12.0				0.0				F		
3	12.192	SS	R2	Y	1.7	3.7									5.4	15.5				0.0				F	RAMP TO EB SR 44 HIGHLANDS AVE	
4	12.258	SS	R2	Y	1.5		3.3								4.8	14.0				0.0				F	RAMP FROM WB SR 44 HIGHLANDS AVE	
5	12.316	ML	R3	N	1.7	1.7	1.4								4.8	16.0				0.0				F		
6	12.322	S	OR	N	1.4	1.5	1.6								4.5	14.0				0.0				F		
7	12.366	ML	R3	N	1.8	1.8	2.0								5.6	14.0				0.0				F		
8	12.369	S	OR	N	1.4	1.5	2.4								5.3	13.0				0.0				F		
9	12.398	SS	L2	N	1.8		0.5	2.2							4.5	12.0				0.0				F	GRACE ST	
10	12.396	ML	L2	Y	1.5	1.4	1.9								4.8	16.0				0.0				F		
11	12.392	S	OL	N	1.4	1.6	2.6								5.6	15.0				0.0				F		
12	12.329	ML	L2	Y	1.5	1.4	1.6								4.5	15.0				0.0				F		
13	12.325	S	OL	N	1.5	1.4	2.2								5.1	15.5				0.0				F		
14	12.270	TL	LR	Y	1.6	0.9	3.1								5.6	16.0				0.0				F	LRTL ONTO SB SR 44 HIGHLANDS AVE	
15	12.228	SS	L2	N	1.2	3.3									4.5	15.5				0.0				F	RAMP ONTO SB SR 44 HIGHLANDS AVE	
16	12.198	ML	R2	Y	1.5	2.9									4.4	26.0				0.0				F		
17	12.199	S	OR	N	1.8	3.0									4.8	12.0				0.0				F	GORE	
18	12.243	ML	R2	N	1.5	1.6	2.5								5.6	14.5				0.0	5.6	C	II	M	F	TRANSVERSE CRACKING, BASE CRACK
19	12.326	ML	R2	Y	1.5	1.3	2.2								5.0	13.0				0.0				F		
20	12.372	ML	R2	N	1.6	1.5	1.8								4.9	15.0				0.0				F		
21	12.387	ML	L1	N	1.3	1.5	1.9								4.7	16.0				0.0				F		
22	12.324	ML	L1	Y	1.5	1.5	1.6								4.6	15.0				0.0				F		

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County: Citrus	SR No.: 45	Beg MP: 12.192
	End MP: 12.398	Length: 0.206
Overall Pavement Condition (from DMO field review): Fair	Median Curbed (Y/N): Y	Paved X
	Lawn	Other:
		Outside: Lawn, fair
		Inside:
		Curb & Gutter (Y/N): N

All Cores																												
CORE NO.	MILE POST <sup>2</sup>	LANE TYPE	LANE	WP (Y/N)	PAVEMENT LAYER (IN.)										TOTAL ASPHALT THICKNESS (IN.)	BASE				STABILIZED SUBGRADE <sup>3</sup>	CRACK				PAVEMENT CONDITION	COMMENTS		
					FC12.5	SP12.5	S	S2										LR					DEPTH (IN.)	TYPE			CLASS	EXTENT
23	12.260	TL	LL	Y	2.0	2.9									4.9	17.0					0.0					F	LLTL	
24	12.215	SS	R2	Y	1.8	13.5	5.2								20.5	3.0					0.0					F	NB SR 44, HORIZ CRACK IN SP 12.5 LAYER	
25	12.197	TL	RL	Y	1.8	3.1									4.9	13.0					12.0					F	RLTL	
26	12.243	ML	R1	N	1.8	0.8	2.2								4.8	18.0					0.0	4.8	C	II	M	F	TRANSVERSE CRACKING, BASE CRACK	
27	12.292	ML	R1	N	1.6	1.8	2.2								5.6	15.0					0.0					F		
28	12.355	CO	CO	Y	1.5	1.6	1.7								4.8	15.0					0.0					F	FIELD PHOTO TAKEN IN UP MP (SE) DIRECTION	
29	12.398	TL	RL	N	1.4	1.4	1.8								4.6	14.0					0.0					F	RLTL	
<b>AVERAGE</b>					<b>1.57</b>	<b>2.32</b>	<b>2.22</b>	<b>2.20</b>							<b>5.49</b>	<b>15.38</b>					<b>0.41</b>	<b>5.20</b>						
<b>MAX</b>					<b>2.00</b>	<b>13.50</b>	<b>5.20</b>	<b>2.20</b>							<b>20.50</b>	<b>36.00</b>					<b>12.00</b>	<b>5.60</b>						
<b>MIN</b>					<b>1.20</b>	<b>0.80</b>	<b>0.50</b>	<b>2.20</b>							<b>4.40</b>	<b>3.00</b>					<b>0.00</b>	<b>4.80</b>						
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>								<b>0.18</b>					<b>0.08</b>							

- Notes:
- The data presented on this table is specific only at the locations cored at the time of the investigation. Should questions arise regarding the pavement composition, it is incumbent upon those raising the question to perform additional exploration as necessary.
  - Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
  - Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
  - The cross slope is approximate and measured in the center of the lane.
  - A blank cell indicates measurement was not recorded.
  - A value of "UNK" indicates material was encountered but the total thickness was not determined.

Lane Designations - Decreasing MP	Lane Designations - Increasing MP	Lane Type	Crack Type	Crack Rating	Extent	Pavement Condition
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	A - Alligator	Class IB - Hairline cracks that are ≤ 1/8 inch wide	L - Light	G - Good
L1 - 1st Lane Left of Centerline	R1 - 1st Lane Right of Centerline	TL - Turn Lane	B - Block	Class II - Cracks > than 1/8 inch and ≤ 1/4 inch	M - Moderate	F - Fair
LL/LR - Left/Right Turn Lane	RL/RR - Left/Right Turn Lane	CO - Crossover	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor
		S - Shoulder				
		SS - Side Street				
		BR - Bridge Approach/Departure				