

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

Cored By: Test Lab, Inc.

Coring Completion Date: 9/21/2022

Typical Section: **2: DERBY AVE**

W.P.I. No.:		Name: SR 544 at Derby Avenue				Lanes: 2	
Fin. Proj. ID: 449655-1		From:				Shoulder Type and Condition:	
F.A. Project No.:		Roadway ID: 16835000	To:				Inside: N
County: Polk	SR No.: Derby Ave. (off-system).	Beg MP: 2.110	End MP: 2.170	Length: 0.060	Outside: Paved		
Overall Pavement Condition (from DMO field review): Fair		Median Curbed (Y/N): N	Paved	Lawn	Other:	Curb & Gutter (Y/N): N	

Derby Ave.: 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	BIND								LR					DEPTH (IN.)	TYPE	CLASS		
8	2.165	ML	L1	N	1.6			1.3							2.9	10.9				12.2					F	
9	2.165	TL	LL	N	1.4			1.6						3.0	15.0									F	LLTL	
10	2.165	ML	R1	N	1.3			1.4						2.7	15.3					2.7	B	III	S	P		
20	2.116	TL	RR	N	1.4			1.6						3.0	8.8									F	RRTL	
21	2.116	ML	R1	Y	1.6				1.5					3.1	6.9									F	Bottom Up Crack	
22	2.117	ML	L1	Y	2.1			2.2						4.3	10.7					4.3	A	II	M	P		
<b>AVERAGE</b>					<b>1.57</b>			<b>1.62</b>	<b>1.50</b>					<b>3.17</b>	<b>11.27</b>				<b>12.20</b>	<b>3.50</b>						
<b>MAX</b>					<b>2.10</b>			<b>2.20</b>	<b>1.50</b>					<b>4.30</b>	<b>15.30</b>				<b>12.20</b>	<b>4.30</b>						
<b>MIN</b>					<b>1.30</b>			<b>1.30</b>	<b>1.50</b>					<b>2.70</b>	<b>6.90</b>				<b>12.20</b>	<b>2.70</b>						
<b>LAYER COEF.</b>					<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.25</b>	<b>0.20</b>						<b>0.18</b>				<b>0.08</b>							

Notes:

1. 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.
2. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI) or a GPS unit.
3. Stabilization thickness was checked on 10% of the coring locations. For pavement design, assume 12 inches of thickness for stabilization.
4. The cross slope is approximate and measured in the center of the lane.
5. A blank cell indicates measurement was not recorded.
6. A value of "UNK" indicates material was encountered but the total thickness was not determined.
7. Derby Avenue (16835000) is an Active, Off the SHS roadway.

<u>Lane Designations - Decreasing MP</u>	<u>Lane Designations - Increasing MP</u>	<u>Lane Type</u>		<u>Crack Type</u>	<u>Crack Rating</u>	<u>Extent</u>	<u>Pavement Condition</u>
OL/IL - Outside/Inside Shoulder	OR/IR - Outside/Inside Shoulder	ML - Mainline	S - Shoulder	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	SS - Side Street	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	BR - Bridge Approach/Departure	C - Combination	Class III - Cracks > 1/4 inch	S - Severe	P - Poor