

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

Cored By: Madrid CPWG

Date: 12/8/2021

Typical Section: 03

| | | |
|--|------------------------|------------------------------|
| W.P.I. No.: | Name: SR 17 | Lanes: |
| Fin. Proj. ID: 444313-1 | From: 5th Avenue | Shoulder Type and Condition: |
| F.A. Project No.: | To: Crooked Lake Drive | Inside: |
| County: Polk | SR No.: 16090000 | Outside: |
| Overall Pavement Condition (from DMO field review): Fair | Beg MP: 11.823 | End MP: 12.700 |
| | Length: 0.877 | Other: |
| | Median Curbed (Y/N): | Curb & Gutter (Y/N): |
| | Paved | Lawn |

| All Cores | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|------------------------|-----------|------|----------|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|----|-------------------------------|--------------|-------------|-------------|-------------|----------------------------------|-------------|-------|--------|---|--------------------|---|
| CORE NO. | MILE POST ¹ | LANE TYPE | LANE | WP (Y/N) | PAVEMENT LAYER (IN.) | | | | | | | | TOTAL ASPHALT THICKNESS (IN.) | BASE | | | | STABILIZED SUBGRADE ² | CRACK | | | | PAVEMENT CONDITION | COMMENTS |
| | | | | | FC9.5 | FC3 | S | T1 | BIND | CONC | S2 | LR | | SAHM | SHEL | SCLY | DEPTH (IN.) | | TYPE | CLASS | EXTENT | | | |
| 1 | 11.823 | SS | L1 | Y | 0.6 | | 0.9 | 1.0 | | | | | 2.5 | 6.0 | | | | | 2.5 | C | III | S | P | 5th Avenue |
| 2 | 11.934 | SS | L1 | Y | 0.9 | | 0.3 | | 0.6 | | | | 1.8 | 7.0 | | | | | 1.8 | C | IB | L | P | Rainbow Boulevard, Base Crack |
| 3 | 11.938 | SS | L1 | Y | 1.0 | | 1.0 | | | | | | 2.0 | 12.0 | | | | | 2.8 | C | IB | L | P | Babson Park Fire Department, Base Crack |
| 4 | 12.036 | SS | R1 | Y | | | | | | 5.5 | | | 5.5 | | | | | | | | | | F | Blackwell Villa Cove |
| 5 | 12.220 | SS | L1 | Y | 0.4 | | 1.1 | | | | 0.5 | | 2.0 | | 3.1 | | | | 2.0 | C | II | M | P | Libby Road, Base Crack |
| 6 | 12.374 | SS | L1 | Y | | 1.0 | 0.5 | | | | | | 1.5 | 7.0 | | | | | | | | | F | United States Postal Service |
| 7 | 12.468 | SS | R1 | Y | 1.3 | | 2.5 | | | | | | 3.8 | | | 3.5 | | | | | | | F | Webber International University |
| 8 | 12.707 | SS | R1 | Y | 0.4 | | 2.6 | | 0.5 | | | | 3.5 | | | | X | | 3.5 | C | III | S | P | Crooked Lake Drive |
| AVERAGE | | | | | 0.77 | 1.00 | 1.27 | 1.00 | 0.55 | 5.50 | 0.50 | | 2.83 | 8.00 | 3.10 | 3.50 | | | 2.52 | | | | | |
| MAX | | | | | 1.30 | 1.00 | 2.60 | 1.00 | 0.60 | 5.50 | 0.50 | | 5.50 | 12.00 | 3.10 | 3.50 | | | 3.50 | | | | | |
| MIN | | | | | 0.40 | 1.00 | 0.30 | 1.00 | 0.50 | 5.50 | 0.50 | | 1.50 | 6.00 | 3.10 | 3.50 | | | 1.80 | | | | | |
| LAYER COEF. | | | | | 0.25 | 0.17 | 0.25 | 0.23 | 0.20 | 0.00 | 0.25 | | | 0.18 | #N/A | 0.18 | 0.12 | 0.08 | | | | | | |

Notes:

1. Mile posts are approximate based on field recorded measurements using a Distance Measuring Instrument (DMI).
2. Stabilization thickness was checked on 10% of the coring locations. For pavement design assume 12 inches of thickness for stabilization.
3. The cross slope is measured in the center of the lane.
4. A blank cell indicates measurement was not recorded.

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|--|--|---|--|---|----------------------------------|
| <u>Lane Designations</u> | <u>Crack Type</u> | <u>Crack Rating</u> | <u>Extent</u> | <u>Pavement Condition</u> | <u>Lane Type</u> |
| OL - Outside Left Shoulder L1 - 1st Lane Left of Centerline | OR - Outside Right Shoulder R1 - 1st Lane Right of Centerline | A - Alligator B - Block C - Combination | Class IB - Hairline cracks that are ≤ 1/8 inch wide Class II - Cracks > than 1/8 inch and ≤ 1/4 inch Class III - Cracks > 1/4 inch | L - Light M - Moderate S - Severe | G - Good F - Fair P - Poor |
| | | | | | S - Shoulder SS - Side Street |