

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

| | | | |
|--|---|---------------------------------------|--------------------------------------|
| Project No.: 442906-1 | Cored By: Ardaman & Associates (RK & AB) | Date: 5/11/2020 | Page No.: 1 of 3 |
| County: Volusia | Highway Sect. No.: 79001 | From: CR 4009/ Williamson Blvd | To: East of Forest Lake Blvd. |
| Road No.: SR 400 (Beville Road) | Begin MP: 0.250 | End MP: 1.812 | Length: 1.562 |

| Core No. | MP | Distance from left edge of lane (ft) | Lane | Wheel Path | Pavement Layer (in.) | | | | | Core Length (in) | Base | | Crack | | | | Pavt Cond. | Comments |
|----------|-------|--------------------------------------|------|------------|----------------------|---------|--------|--|--|------------------|------|-----------------|------------|------|-------|--------|------------|-------------------------------------|
| | | | | | FC-5 | Type SP | Type S | | | | Type | Thick-ness (in) | Depth (in) | Type | Class | Extent | | |
| 1 | 0.326 | 6.5 | RRTL | | 0.8 | 2.2 | 7.0 | | | 10.0 | LR | 12.0 | 2.3 | BL | III | M | F | |
| 2 | 0.326 | 2.0 | OR | | 0.4 | 2.0 | - | | | 10.5 | ABC | 8.1 | 1.8 | BL | II | M | F | |
| 3 | 0.764 | 4.5 | R2 | X | 0.5 | 2.0 | 2.1 | | | 4.6 | LR | - | 2.5 | BR | III | M | F | To Signatures Executive Park |
| 4 | 0.764 | 2.0 | OR | | 0.4 | 1.8 | 0.9 | | | 3.1 | LR | 5.7 | - | - | - | - | F | To Signatures Executive Park |
| 5 | 0.890 | 4.5 | RRTL | | 0.6 | 1.8 | 2.4 | | | 4.8 | LR | 12.2 | 2.5 | BL | III | M | F | To CR 4009/S. Williamson Blvd. -NB |
| 6 | 1.283 | 2.0 | OR | | 0.6 | 1.4 | 1.6 | | | 3.6 | LR | 3.4 | 2.0 | ST | III | M | F | To CR 4009/S. Williamson Blvd. -SB |
| 7 | 1.357 | 2.5 | R2 | X | 0.5 | 3.1 | 0.8 | | | 4.4 | LR | - | 2.3 | BR | III | M | F | To CR 4009/S. Williamson Blvd. -SB |
| 8 | 1.526 | 11.5 | RRTL | X | 0.7 | 1.7 | 1.6 | | | 11.5 | ABC | 7.5 | 2.5 | BR | III | M | F | 15.5' Wide Lane. Undulating in Lane |
| 9 | 1.711 | 2.5 | R2 | X | 0.4 | 3.0 | 1.3 | | | 4.3 | LR | 12.7 | B | BL | III | M | F | |
| 10 | 1.700 | 9.0 | L2 | X | 0.6 | 3.3 | 0.8 | | | 4.7 | LR | 10.3 | B | BL | III | M | F | |
| 11 | 1.657 | 5.0 | LRTL | | 0.6 | 1.8 | 1.4 | | | 3.8 | LR | 8.2 | 3.0 | SL | III | M | F | To Pelican Bay Drive (West) |
| 12 | 1.350 | 4.5 | L2 | | 0.8 | 1.0 | 2.8 | | | 4.6 | LR | - | 3.0 | ST | II | L | F | |
| 13 | 1.350 | 2.0 | OL | | 0.7 | 1.8 | - | | | 2.5 | LR | 4.0 | - | - | - | - | F | Raveling |
| 14 | 1.026 | 5.5 | LRTL | | 0.7 | 2.2 | - | | | 11.2 | 8.3 | - | - | - | - | - | G | Gore Area |
| 15 | 0.765 | 10.0 | L2 | X | 0.7 | 1.1 | 2.5 | | | 4.3 | LR | 11.2 | B | BR | III | M | F | |
| 16 | 0.765 | 1.0 | OL | | 0.6 | 2.7 | - | | | 3.3 | LR | - | - | - | - | - | F | |

Remarks: Crack Depth of "B" indicates full depth crack to the base. EOP = Edge of Pavement
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

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|--|-------|--------------------------------------|------|------------|---|---------|--------|--|--|---------------------------------------|------|------|-----------------|------------|--------------------------------------|-------|------------|--|--|
| County: Volusia | | | | | Highway Sect. No.: 79001 | | | | | From: CR 4009/ Williamson Blvd | | | | | To: East of Forest Lake Blvd. | | | | |
| Road No.: SR 400 (Beville Road) | | | | | Begin MP: 0.250 | | | | | End MP: 1.812 | | | | | Length: 1.562 | | | | |
| Core No. | MP | Distance from left edge of lane (ft) | Lane | Wheel Path | Pavement Layer (in.) | | | | | Core Length (in) | Base | | Crack | | | | Pavt Cond. | | Comments |
| | | | | | FC-5 | Type SP | Type S | | | | | Type | Thick-ness (in) | Depth (in) | Type | Class | | | |
| 17 | 0.477 | 9.0 | L2 | X | 0.7 | 1.0 | 2.8 | | | 4.5 | LR | - | 1.8 | SL | II | L | F | | |
| 18 | 0.477 | 1.5 | OL | | 0.6 | 2.4 | - | | | 3.0 | LR | 4.5 | - | - | - | - | F | | To DBIA Corporate Center |
| 19 | 0.317 | 3.5 | LRTL | | 0.7 | 2.1 | 0.4 | | | 3.2 | LR | 12.3 | 0.5 | SL | I | L | F | | To Pelican Bay Drive (East) |
| 20 | 0.333 | 5.0 | R1 | | 0.7 | 1.2 | 2.9 | | | 4.8 | LR | 7.5 | 2.0 | BR | III | L | F | | |
| 21 | 0.388 | 5.5 | R1 | | 0.7 | 1.0 | 3.3 | | | 5.0 | LR | 11.0 | 2.0 | SL | III | M | F | | To DBIA Corporate Center/Take in Gore Area |
| 22 | 0.714 | 21.0 | MXO | | 0.4 | 2.6 | 2.0 | | | 5.0 | LR | 9.8 | B | SL | III | M | F | | To Pelican Bay Drive (East) - Heavy Raveling |
| 23 | 0.878 | 9.0 | RLTL | X | 0.7 | 2.1 | - | | | 11.5 | ABC | 8.7 | - | - | - | - | G | | 11.5' Wide Lane |
| 24 | 0.993 | 5.5 | R1 | | 0.8 | 1.3 | 2.9 | | | 5.0 | LR | - | 2.0 | BR | III | M | F | | Asphalt Rippling |
| 25 | 1.119 | 2.5 | R1 | X | 0.7 | 0.9 | 2.4 | | | 4.0 | LR | 10.5 | - | - | - | - | F | | |
| 26 | 1.376 | 17.5 | MXO | | 1.0 | 2.0 | 3.2 | | | 6.0 | LR | 9.8 | - | - | - | - | F | | Raveling |
| 27 | 1.423 | 5.0 | R1 | | 0.7 | 1.1 | 3.2 | | | 5.0 | LR | - | 2.5 | BR | III | M | F | | |
| 28 | 1.552 | 2.5 | RLTL | X | 0.9 | - | 4.1 | | | 5.0 | LR | 7.5 | 3.0 | BR | III | S | F | | Asphalt Rippling |
| 29 | 1.729 | 8.5 | R1 | X | 0.5 | 1.2 | 3.3 | | | 5.0 | LR | 7.8 | 2.0 | ST | II | M | F | | |
| 30 | 1.663 | 2.0 | L1 | X | 0.8 | 0.8 | 3.4 | | | 5.0 | LR | 9.5 | - | - | - | - | F | | To Forest Lake Blvd. |
| 31 | 1.663 | 8.0 | LLTL | X | 1.3 | - | 4.2 | | | 5.5 | LR | 9.5 | 2.3 | ST | III | M | F | | To Forest Lake Blvd. |
| 32 | 1.022 | 5.0 | LLTL | | 0.8 | 1.5 | - | | | 11.0 | ABC | 8.7 | - | - | - | - | G | | To Forest Lake Blvd. |

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|----------|-------|--------------------------------------|--------|------------|----------------------|---------|--------|--|--|------|------------------|------|-----------------|------------|------|-------|------------|----------|---------------------------|--|--|
| | | | | | FC-5 | Type SP | Type S | | | | Core Length (in) | Type | Thick-ness (in) | Depth (in) | Type | Class | | | Extent | | |
| 33 | 0.792 | 2.5 | L1 | | 0.7 | 1.1 | 3.0 | | | | 4.8 | LR | - | - | - | - | F | | Light Undulating | | |
| 34 | 0.538 | 4.0 | LLTL | | 1.0 | 2.0 | 1.0 | | | | 4.0 | LR | 13.5 | 0.3 | SL | I | L | F | To Forest Lake Blvd. | | |
| 35 | 0.345 | 2.5 | L1 | | 0.5 | 0.9 | 4.4 | | | | 5.5 | LR | 7.2 | - | - | - | F | | Raveling/Asphalt Bleeding | | |
| 36 | 0.328 | 9.5 | LLTL-1 | X | 0.7 | - | 3.2 | | | | 3.9 | LR | 16.2 | 2.0 | SL | III | M | F | Heavy Undulating | | |
| 37 | 0.328 | 5.5 | LLTL-2 | | 1.0 | - | 3.1 | | | | 4.1 | LR | 17.3 | 0.5 | SL | I | L | F | Heavy Undulating | | |
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Supplemental Data to PECD

(GPS Coordinates of Each Locations Cored)

SR 400 FPN: 442906-1 County: Volusia

| Core # | GPS Coordinates | |
|--------|-----------------|--------------|
| 1 | N 29.159319 | W -80.0662 |
| 2 | N 29.15929 | W -81.066177 |
| 3 | N 29.162067 | W -81.059799 |
| 4 | N 29.162054 | W -81.059792 |
| 5 | N 29.162825 | W -81.057884 |
| 6 | N 29.165312 | W -81.052040 |
| 7 | N 29.165831 | W -81.050909 |
| 8 | N 29.166836 | W -81.04836 |
| 9 | N 29.168060 | W -80.045578 |
| 10 | N 29.168242 | W -81.045670 |
| 11 | N 29.167938 | W -81.046494 |
| 12 | N 29.166052 | W -81.050880 |
| 13 | N 29.166075 | W -81.050896 |
| 14 | N 29.163944 | W -81.056023 |
| 15 | N 29.162270 | W -81.059891 |
| 16 | N 29.162289 | W -81.059891 |
| 17 | N 29.160529 | W -81.064064 |
| 18 | N 29.160527 | W -81.064072 |
| 19 | N 29.159542 | W -81.066460 |
| 20 | N 29.159437 | W -81.066139 |

| Core # | GPS Coordinates | |
|--------|-----------------|--------------|
| 21 | N 29.159824 | W -81.065224 |
| 22 | N 29.16191 | W -81.060418 |
| 23 | N 29.16288 | W -81.058029 |
| 24 | N 29.163602 | W -81.056253 |
| 25 | N 29.164404 | W -81.054359 |
| 26 | N 29.166107 | W -81.050515 |
| 27 | N 29.166296 | W -81.049843 |
| 28 | N 29.167145 | W -81.047913 |
| 29 | N 29.168252 | W -81.045208 |
| 30 | N 29.167833 | W -81.046532 |
| 31 | N 29.167814 | W -81.046509 |
| 32 | N 29.163839 | W -81.055984 |
| 33 | N 29.162355 | W -81.059597 |
| 34 | N 29.16069 | W -81.063474 |
| 35 | N 29.159578 | W -81.066176 |
| 36 | N 29.159405 | W -81.066452 |
| 37 | N 29.159435 | W -81.066452 |
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