

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

| <b>Project No.:</b> 240837-1 |        |                                      |      |            | <b>Cored By:</b> FDOT (TK/JK/BB/EW) |      |         |        |  | <b>Date:</b> 10/23/2012 |                  |      |                 |            | <b>Page No.:</b> 1 of 2 |       |            |                |                 |          |  |
|------------------------------|--------|--------------------------------------|------|------------|-------------------------------------|------|---------|--------|--|-------------------------|------------------|------|-----------------|------------|-------------------------|-------|------------|----------------|-----------------|----------|--|
| <b>County:</b> Volusia       |        |                                      |      |            | <b>Highway Sect. No.:</b> 79100     |      |         |        |  | <b>From:</b> SR 11      |                  |      |                 |            | <b>To:</b> Cone Road    |       |            |                |                 |          |  |
| <b>Road No.:</b> SR 40       |        |                                      |      |            | <b>Begin MP:</b> 13.200             |      |         |        |  | <b>End MP:</b> 20.206   |                  |      |                 |            | <b>Length:</b> 7.006    |       |            |                |                 |          |  |
| Core No.                     | MP     | Distance from left edge of lane (ft) | Lane | Wheel Path | Pavement Layer (in.)                |      |         |        |  |                         | Base             |      | Crack           |            |                         |       | Pavt Cond. | Rut Depth (in) | Cross Slope (%) | Comments |  |
|                              |        |                                      |      |            | FC-9.5                              | FC-5 | Type SP | Type S |  |                         | Core Length (in) | Type | Thick-ness (in) | Depth (in) | Type                    | Class |            |                |                 |          | Extent   |
| 1                            | 13.464 | 8.5                                  | R1   |            | 0.9                                 | --   | 1.4     | 1.2    |  |                         | 3.5              | LR   | 9.1             | --         | --                      | --    | --         | G              |                 |          |  |
| 2                            | 13.467 | 1.0                                  | OR   |            | 0.8                                 | --   | --      | 1.2    |  |                         | 2.0              | SS*  | 4.8             | --         | --                      | --    | --         | G              |                 |          | * Dirt (Stabilized Subgrade) has some RAP mixed in as "base" material. |
| 3                            | 15.425 | 6.5                                  | R1   |            | 1.1                                 | --   | 1.4     | 1.4    |  |                         | 3.9              | LR   | --              | --         | --                      | --    | --         | G              |                 |          | FC Layer Debonded  |
| 4                            | 17.577 | 8.0                                  | R1   |            | 1.0                                 | --   | 1.5     | 1.4    |  |                         | 3.9              | LR   | 9.9             | --         | --                      | --    | --         | G              |                 |          |  |
| 5                            | 17.580 | 2.0                                  | OR   |            | 0.9                                 | --   | --      | 1.5    |  |                         | 2.4              | SS*  | --              | --         | --                      | --    | --         | G              |                 |          | * Dirt (Stabilized Subgrade) has some RAP mixed in as "base" material. |
| 6                            | 18.198 | 9.5                                  | R1   |            | 1.1                                 | --   | 1.6     | --     |  |                         | 2.7              | LR   | --              | --         | --                      | --    | --         | G              |                 |          | Widening Section for Pines Woods Road                                  |
| 7                            | 19.591 | 10.0                                 | R1   |            | --                                  | 0.8  | --      | 1.1    |  |                         | 8.4              | ABC  | 6.5             | --         | --                      | --    | --         | G              |                 |          | Widening Section for Country Acres Blvd.                               |
| 8                            | 19.593 | 2.0                                  | OR   |            | --                                  | 1.0  | --      | 2.1    |  |                         | 3.1              | SS*  | --              | --         | --                      | --    | --         | G              |                 |          | * Dirt (Stabilized Subgrade) has some RAP mixed in as "base" material. |
| 9                            | 20.109 | 10.0                                 | R2   |            | --                                  | 1.1  | 2.7     | --     |  |                         | 3.8              | LR   | 13.2            | --         | --                      | --    | --         | G              |                 |          |  |
| 10                           | 20.110 | 1.5                                  | OR   |            | --                                  | 1.1  | 1.4     | --     |  |                         | 2.5              | LR   | --              | --         | --                      | --    | --         | G              |                 |          |  |
| 11                           | 20.052 | 7.0                                  | L2   |            | --                                  | 1.1  | 2.9     | --     |  |                         | 4.0              | LR   | --              | --         | --                      | --    | --         | G              |                 |          |  |
| 12                           | 20.045 | 1.5                                  | OL   |            | --                                  | 1.1  | 2.2     | --     |  |                         | 3.3              | LR   | 5.9             | --         | --                      | --    | --         | G              |                 |          |  |
| 13                           | 19.638 | 8.5                                  | L1   |            | --                                  | 0.6  | --      | 2.2    |  |                         | 10.1             | ABC  | 7.3             | --         | --                      | --    | --         | G              |                 |          | Widening Section for Country Acres Blvd.                               |
| 14                           | 18.200 | 9.0                                  | L1   |            | 0.9                                 | --   | 1.5     | 1.4    |  |                         | 12.3             | ABC  | 8.5             | --         | --                      | --    | --         | G              |                 |          | Widening Section for Pines Woods Road                                  |
| 15                           | 18.193 | 1.5                                  | OL   |            | 0.7                                 | --   | --      | 1.2    |  |                         | 11.8             | ABC  | 9.9             | --         | --                      | --    | --         | G              |                 |          |  |
| 16                           | 16.475 | 9.0                                  | L1   |            | 1.0                                 | --   | 1.5     | 0.9    |  |                         | 3.4              | LR   | 8.9             | --         | --                      | --    | --         | G              |                 |          |  |

**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; NB= No Base

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

**Project No.:** 240837-1      **Cored By:** FDOT (TK/ JK/ BB / EW)      **Date:** 10/23/2012      **Page No.:** 2 of 2

**County:** Volusia      **Highway Sect. No.:** 79100      **From:** SR 11      **To:** Cone Road

**Road No.:** SR 40      **Begin MP:** 13.200      **End MP:** 20.206      **Length:** 7.006

| Core No.  | MP     | Distance from left edge of lane (ft) | Lane | Wheel Path | Pavement Layer (in.) |      |         |        |  |  | Base             |      | Crack           |            |      |       | Pavt Cond. | Rut Depth (in) | Cross Slope (%) | Comments  |        |
|---|--------|--------------------------------------|------|------------|----------------------|------|---------|--------|--|--|------------------|------|-----------------|------------|------|-------|------------|----------------|-----------------|---|--------|
|   |        |                                      |      |            | FC-9.5               | FC-5 | Type SP | Type S |  |  | Core Length (in) | Type | Thick-ness (in) | Depth (in) | Type | Class |            |                |                 |   | Extent |
| 17  | 14.372 | 8.5                                  | L1   |            | 1.1                  | --   | 1.7     | 0.9    |  |  | 3.7              | LR   | --              | --         | --   | --    | --         | G              |                 |   |        |
| 18  | 14.364 | 1.5                                  | OL   |            | 1.5                  | --   | --      | --     |  |  | 1.5              | SS*  | 5.1             | --         | --   | --    | --         | G              |                 | * Dirt (Stabilized Subgrade) has some RAP mixed in as "base material. 3" of LR found below the SS layer |        |
| SR 40 from MP 6.535 to MP 19.871 was milled & resurfaced in October 2007 under FPN 417154-1-52-01                       |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
| SR 40 from MP 19.871 to MP 25.429 was widened/reconstructed/milled & resurfaced in August 2007 under FPN 241009-1-52-01 |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
| Friction Course Change from Dense-Graded FC-9.5 to Open-Graded FC-5 at MP 19.507  |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |
|   |        |                                      |      |            |                      |      |         |        |  |  |                  |      |                 |            |      |       |            |                |                 |   |        |

**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; NB= No Base