GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation, 2017 Design Standards and revised Index Drawings as appended herein, and 2017 Standard Specifications for Road and Bridge Construction, as amended by Exhibit Drawings.

For Design Standards click on the "Design Standards" link at the following web site:
http://www.dot.state.fl.us/ddesign/

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
http://www.dot.state.fl.us/specificationsoffice/

KEY SHEET REVISIONS

FOR ILLUSTRATION PURPOSE ONLY
### General Notes

1. The location(s) of the utilities shown in the plans are based on limited investigation techniques, and mark-ups from utility owners. All utilities should be considered approximate only.
2. The contractor shall notify utility owners listed through Sunshine State One Call of Florida (811) two business days in advance of beginning construction on the job site.
3. Fiber optic and power pull boxes and conduit shall be located within 100 feet of the device they support. If a device location is approximate and may require relocation by the project engineer, if device relocations occur for any reason, the pull boxes and conduit supporting that device shall be relocated and/or extended.
4. Install fiber optic conduit for communication to devices as shown in the plans and in accordance with all foot standards for conduit installation.
5. The contractor shall be responsible for furnishing and installing above ground conduit route markers per the FDOT standard specifications. A marker label template shall be provided for review.
6. The conduit shall be sealed with the specified duct plug at the time of conduit installation and after final installation.
7. Electrical power service meters shall have a separate breaker for each of its circuit.
8. The contractor shall hand dig (soft dig) to a depth of four (4) feet where utilities are in conflict prior to use of a mechanical auger. Any potential conflicts shall be reported to the project engineer immediately.

### Utility Owners

<table>
<thead>
<tr>
<th>Utility Owner</th>
<th>Contact Person</th>
<th>Phone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bright House Networks (Marion)</td>
<td>John Wolski</td>
<td><a href="mailto:john.wolski@charter.com">john.wolski@charter.com</a></td>
</tr>
<tr>
<td>Cablevision of Marion County</td>
<td>John Wolski</td>
<td><a href="mailto:john.wolski@charter.com">john.wolski@charter.com</a></td>
</tr>
<tr>
<td>CenturyLink - Ocala</td>
<td>Mark Williams</td>
<td><a href="mailto:mark.williams@centurylink.com">mark.williams@centurylink.com</a></td>
</tr>
<tr>
<td>Florida Public Utilities</td>
<td>Chris Uria</td>
<td><a href="mailto:chris.uria@tecenergy.com">chris.uria@tecenergy.com</a></td>
</tr>
<tr>
<td>Florida Public Utilities</td>
<td>Tracey Cottrell</td>
<td><a href="mailto:tracey.cottrell@secoenergy.com">tracey.cottrell@secoenergy.com</a></td>
</tr>
<tr>
<td>Withlacoochee River Electric Coop</td>
<td>Tracey Cottrell</td>
<td><a href="mailto:tracey.cottrell@secoenergy.com">tracey.cottrell@secoenergy.com</a></td>
</tr>
<tr>
<td>Withlacoochee River Electric Coop</td>
<td>Tracey Cottrell</td>
<td><a href="mailto:tracey.cottrell@secoenergy.com">tracey.cottrell@secoenergy.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Withlacoochee River Electric Coop</td>
<td>Ryan Coulter</td>
<td><a href="mailto:ryan.coulter@timeenterprises.com">ryan.coulter@timeenterprises.com</a></td>
</tr>
<tr>
<td>Withlacoochee River Electric Coop</td>
<td>Ryan Coulter</td>
<td><a href="mailto:ryan.coulter@timeenterprises.com">ryan.coulter@timeenterprises.com</a></td>
</tr>
</tbody>
</table>

### Utility Owners (Continued)

<table>
<thead>
<tr>
<th>Utility Owner</th>
<th>Contact Person</th>
<th>Phone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Withlacoochee River Electric Coop</td>
<td>Ryan Coulter</td>
<td><a href="mailto:ryan.coulter@timeenterprises.com">ryan.coulter@timeenterprises.com</a></td>
</tr>
<tr>
<td>Withlacoochee River Electric Coop</td>
<td>Ryan Coulter</td>
<td><a href="mailto:ryan.coulter@timeenterprises.com">ryan.coulter@timeenterprises.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Withlacoochee River Electric Coop</td>
<td>Ryan Coulter</td>
<td><a href="mailto:ryan.coulter@timeenterprises.com">ryan.coulter@timeenterprises.com</a></td>
</tr>
<tr>
<td>Withlacoochee River Electric Coop</td>
<td>Ryan Coulter</td>
<td><a href="mailto:ryan.coulter@timeenterprises.com">ryan.coulter@timeenterprises.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
<tr>
<td>Teco Peoples Gas Ocala</td>
<td>Kirby Smith</td>
<td><a href="mailto:kirby.w.smith@centurylink.com">kirby.w.smith@centurylink.com</a></td>
</tr>
</tbody>
</table>

### Legend

- **GROUND SENSORS**
- **REPEATER**
- **ACCESS POINT**
- **DETECTION ZONE**
- **CCTV WITH POLE**
- **MVDS**
- **MULTI-POST STATIC SIGN W/ ELECTRICAL DISPLAY SIGN**
- **BASE MOUNT CABINET**
- **POLE MOUNT CABINET**
- **PULL BOX**
- **FIBER OPTIC PULL BOX**
- **SPlice VAULT**
- **POWER SERVICE**
- **POLE**
- **DMS**
- **CONDUIT, OPEN TRENCH**
- **CONDUIT, DIRECTIONAL BORE**
- **FIBER OPTIC RUN**
- **POWER RUN**
EXISTING ITS INFRASTRUCTURE REFERENCE

CURRENT IT-01 DRAWING

I-75 SB

I-75 NB

1. FIBER OPTIC PULL BOX (TYP.)
2. 3" CONDUIT (OPEN TRENCH)
   - POWER
   - SPARE
3. 3" CONDUIT (DIRECTIONAL BORE)
   - 1-12 STRAND FOC
   - POWER
   - SPARE

EXISTING ITS POWER SERVICE
SUPPLIED FROM THE EXISTING
120/240 VAC SINGLE PHASE POWER

REVISIONS
TO THE ACCESS POINT
FROM THE GROUND SENSORS
FOR TRANSMISSION OF MESSAGES
1 TYPE II POLE (TYP.)
1 REPEATER (TYP.)
1 BUFFER TUBE FAN OUT KIT
1 FOC TERMINATIONS

INSTALL NEW COMMUNICATION CABLE USING EXISTING CONDUIT ENTERING INTO EXISTING CABINET
1 MEDIA CONVERTER
1 FOC PATCH PANEL
1 BUFFER TUBE FAN OUT KIT
1 FOC CONNECTOR PANEL
6 FOC TERMINATIONS, IN EXISTING ITS CABINET

SEE SHEET IT-01 FOR DETAILS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
TRUCK PARKING AVAILABILITY SYSTEM
SUMTER COUNTY, FDOT DISTRICT 5
REST AREA 50191 (44 SPACES)
NORTHBOUND MILE MARKER 307

REVISIONS
DATE
DESCRIPTION
FOR ILLUSTRATION PURPOSE ONLY

SUMTER COUNTY, FDOT DISTRICT 5
SUMTER COUNTY, FDOT DISTRICT 5
9:59:59 AM

NORTHBOUND MILE MARKER 307
REST AREA 50191 (44 SPACES)

SHEET NO.
IT-01
EXISTING ITS INFRASTRUCTURE REFERENCE

- FPID 242606-2-52-01

1 DOME CCTV CAMERA (IP HD CAMERA)
  1 ACCESS POINT
  1 REPEATER
  1 TYPE 3365 ITS FIELD CABINET NEMA 3R
  1 POLE
  1 MEDIA CONVERTER
  1 ETHERNET SWITCH
  1 FOC CONNECTOR PANEL
  1 BUFFER TUBE FAN OUT KIT
  1 FOC PATCH PANEL
  1 ETHERNET SWITCH
  1 MEDIA CONVERTER
  1 ETHERNET SWITCH

SEE SHEET IT-01 FOR DETAILS

1 REPEATER (TYP.):
  1 TYPE II POLE (TYP.):
  FOR TRANSMISSION OF MESSAGES
  FROM THE GROUND SENSORS
  TO THE ACCESS POINT

1 ACCESS POINT
1 REPEATER
1 TYPE 336 ITS FIELD CABINET NEMA 3R
1 POLE
1 MEDIA CONVERTER
1 ETHERNET SWITCH
1 FOC CONNECTOR PANEL
1 BUFFER TUBE FAN OUT KIT
1 ETHERNET SWITCH
1 MEDIA CONVERTER
1 ETHERNET SWITCH

IN-GROUND SENSORS (TYP.)
WILL HAVE AN ARRAY OF
EACH TRUCK PARKING STALL
4 FO TERMINATIONS
1 FOC CONNECTOR PANEL
1 BUFFER TUBE FAN OUT KIT
1 FOC PATCH PANEL
1 ETHERNET SWITCH
1 MEDIA CONVERTER
1 POLE
1 TYPE 336S ITS FIELD CABINET NEMA 3R
1 REPEATER
1 ACCESS POINT
1 DOME CCTV CAMERA (IP HD CAMERA)

SEE SHEET IT-01 FOR DETAILS

1 DOME CCTV CAMERA (IP HD CAMERA)
1 ACCESS POINT
1 REPEATER
1 TYPE 336 ITS FIELD CABINET NEMA 3R
1 POLE
1 MEDIA CONVERTER
1 ETHERNET SWITCH
1 FOC CONNECTOR PANEL
1 BUFFER TUBE FAN OUT KIT
1 FOC PATCH PANEL
1 ETHERNET SWITCH
1 MEDIA CONVERTER
1 POLE
1 TYPE 336S ITS FIELD CABINET NEMA 3R
1 REPEATER
1 ACCESS POINT
1 DOME CCTV CAMERA (IP HD CAMERA)

SEE SHEET IT-01 FOR DETAILS

1 DOME CCTV CAMERA (IP HD CAMERA)
1 ACCESS POINT
1 REPEATER
1 TYPE 336 ITS FIELD CABINET NEMA 3R
1 POLE
1 MEDIA CONVERTER
1 ETHERNET SWITCH
1 FOC CONNECTOR PANEL
1 BUFFER TUBE FAN OUT KIT
1 FOC PATCH PANEL
1 ETHERNET SWITCH
1 MEDIA CONVERTER
1 POLE
1 TYPE 336S ITS FIELD CABINET NEMA 3R
1 REPEATER
1 ACCESS POINT
1 DOME CCTV CAMERA (IP HD CAMERA)
NORTHBOUND MILE MARKER 342.10
TPAS SIGN 50181
MARION COUNTY, FDOT DISTRICT 5
TRUCK PARKING AVAILABILITY SYSTEM
IT-04A

- COMMUNICATION FROM NEAREST ITS CABINET
- POLE MOUNTED NEMA CABINET
- POWER FROM NEAREST ITS CABINET
- 3-DIGIT EMBEDDED DMS

SIGN SPACING REQUIREMENTS
(ADJUST SIGN LOCATIONS PER MUTCD SOUTH OF REST AREA 50181 (MM 345)
3-DIGIT EMBEDDED DMS AT NB MM 342.10
TRUCK PARKING AVAILABILITY SIGN WITH NB MM 346

EXISTING ITS INFRASTRUCTURE REFERENCE
- FPID 428213-1-52-01

EXISTING ITS FIBER TRUNKLINE
INTERCEPT EXISTING POWER CONDUIT WITH CONDUCTORS

FIBER SPLICE VAULT
INTERCEPT EXISTING ITS FIBER TRUNKLINE (EXISTING)
POWER CONDUIT WITH CONDUCTORS (EXISTING)

4 FO TERMINATORS
1 FOC CONNECTOR PANEL
1 BUFFER TUBE FAN OUT KIT
1 FOC PATCH PANEL
1 MEDIA CONVERTER
1 MULTI POST STATIC SIGN WITH EMBEDDED DMS
1 BUFFER TUBE FAN OUT KIT
1 FOC CONNECTOR PANEL
1 MULTI POST STATIC SIGN WITH EMBEDDED DMS

POWER PULL BOX
INTERCEPT EXISTING POWER CONDUIT

LOCATION
REST AREA
75
PARCEL DERIVED R/W LINE
PARCEL DERIVED R/W LINE

EXISTING ITS INFRASTRUCTURE REFERENCE
- FPID 428213-1-52-01

FOR ILLUSTRATION PURPOSE ONLY