PS&E Updates

D5 QUARTERLY QUALITY FORUM

OCTOBER 12, 2017

Plan Note Initiative

Recap from Last time

- April 2017 Overview of Plans Note Initiative
- July 2017 Transit MSP

Wildlife Special Provisions

- Eastern Indigo Snake
- Manatees
- Smalltooth Sawfish
- Sea Turtles

- Gulf Sturgeon
- Florida Black Bear
- Bald Eagles
- Gopher Tortoises

Transit Special Provisions

- 8-3.4, Provisions for Convenience of Public
- 102-3.3, Lane Closure Information System

Plan Note will be used (in conjunction with the special provision) to indicate the proper contacts at the transit agency.

Developing a New Approach

- Protection of Expansion Joints
  - Previously proposed note

    AT NO TIME WILL ROLLERS BE PERMITTED ACROSS BRIDGES UNLESS PROPER PROTECTION IS PROVIDED FOR THE EXPANSION JOINTS
  - Approved MSP

Section 7-7.5 is expanded by the following:

7-7.5 Contractor's Equipment on Bridge Structures: The Contractor's Engineer of Record shall analyze the effect of imposed loads on bridge structures, within the limits of a construction contract, resulting from the following operations:

1. Overloaded Equipment as defined in 7-7.2:

   a. Operating on or crossing over completed bridge structures.

   b. Operating on or crossing over partially

2. Equipment within legal load limits:

   a. Operating on or crossing over partially

3. Construction cranes:

   a. Operating on completed bridge structu

   b. Operating on partially completed bridg

Do not use Rollers across Six Mile Creek Bridge without protection of the expansion joints.

Do not use Rollers across bridges without protection of the expansion joints.

Developing a New Approach

- Utility Notes
  - Previously proposed notes

    EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.

    ALL STAKING OF PROPOSED CONSTRUCTION TO ALLOW FOR PROPER INSTALLATION/RELOCATION OF UTILITY FACILITIES, AS INDICATED ON THE UTILITY WORK SCHEDULE, SHALL BE PERFORMED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE IMPACTED UTILITIES AND STAKE THE ITEMS REQUESTED. THIS STAKING SHALL BE SEPARATE AND IN ADDITION TO THE NORAML STAKING FOR THE PROJECT. THE COST OF THIS STAKING SHALL BE INCIDENTAL TO AND INCLUDED IN THE COST OF THE PROJECT.

Developing a New Approach

- New approach: Covered under Spec 7-11 and Spec 5-7.3 (previous plan notes not needed)

Spec 7-11.5 calls for the protection of utilities and also states that the contractor must cooperate with utility owners:

- **7-11.5.1 Arrangements for Protection or Adjustment:** Do not commence work at points where the construction operations are adjacent to utility facilities until all necessary arrangements have been made… with the utility facilities owner to protect against damage... The Contractor is solely and directly responsible to the owners and operators of such properties for all damages, injuries, expenses, losses, inconveniences, or delays caused by the Contractor's operations.
- **7-11.5.2 Cooperation with Utility Owners:** Cooperate with the owners of all underground or overhead utility lines in their removal and rearrangement operations in order that these operations may progress in a reasonable manner…

And, Spec 5-7.3 states the contractor is responsible to stake out the project:

- **5-7.3 Layout of Work:** Utilizing the control points furnished by the Department in accordance with 5-7.1, establish all horizontal and vertical controls necessary to construct the work in conformity to the Contract Documents. Perform all calculations required, and set all stakes needed such as grade stakes, offset stakes, reference point stakes, slope stakes, and other reference marks or points necessary to provide lines and grades for construction of all roadway, bridge, and miscellaneous items.

Pre-Spec to Letting site

D5 Spec Phase Website

http://www.fdot.gov/designsupport/Districts/D5/production_to_letting.shtm

- Critical Dates Chart
  - District Let
  - Tallahassee Let
- Pre Spec Meeting
  - Pre Spec Information
  - Pre Spec Agenda
- Spec Package
  - Developmental Specs
  - Specification Package Preparation
  - Intent and Scope
  - Wage Rate Tables
  - Design Build Boiler Plates
- Spec Phase
  - Change Memo (District Five)
  - Helpful Tips
  - PS&E Submittal Checklist
  - QC/QA Checklist
  - Revision Process
  - Change Memo verses Revision Memo Facts
  - Contract File Documents (Production and Revisions)
  - District Contracts Transmittal Form (Word Version)
- Manuals & Publications
  - CADD Manual
  - Posted Webinars
  - FDOT CADD On-Line Training
  - Design Publications
  - Structures Detailing Manual
  - PPM Vol. I and II
- General Information
  - Checklist for Re-Lets
  - Guidelines for Goes With Projects
  - Lump Sum Exhibit 22-A (Intent and Scope) (Word version)
  - Re-let Verbiage for Specs and Plans
  - Special Events Notes for Plans (Design Bid Build Projects Only)
  - State Specifications Website
  - State Estimates Website
  - Transit MSPs and Plan Note (Word version)

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