

District Construction Engineers' Meeting
June 29, 2015
2:00 PM – 4:00 PM
Video Bridge 1 / CO Conference Room 479
Agenda

New/Recurring Business:

1) 2:00 PM – 2:03 PM Introductions and Agenda Overview

Roll call acknowledging those in attendance. An overview of the meeting agenda will be provided.

Summary Notes: Attendees Present were:

D1 – Jon Sands, Brian Blair, Brian Penny

D2 – Travis Humphries, Michael Sandow, Vidal Vargas

D3 – Ed Hudec, Tim Hendrix, Ranae Sanders, Jonathon Upfold, Jimmy Miller

D4 – Carolyn Gish, Deb Ihsan

D5 – Amy Scales, Jennifer Smith, Valerie Coe

D6 – Heidi Solaun-Dominguez

D7 – Bill Jones, Mark Chianese, Brian Pickard

TP – Pete Nissen, Bill Sears

CO – David Sadler, Doug Martin, Amy Tootle, Art Berger, Jason Watts, Sid Kamath, Suzannah Ray

FHWA – Rafiq Darji

2) 2:03 PM – 2:08 PM CPR Issues (David Sadler)

SCO will facilitate a discussion of CPR issues which have arisen since the previous meetings. Districts may bring forward any CPR issues which need to be addressed.

HR CPR:

- **Proposed Changes to Construction Engineer PD (Reference Documents Attached) (Jennifer Smith)**

The current HR CPR PD for the Construction Engineer position is written from the perspective of a subordinate to the Resident Engineer for a "large urban area". The position of Construction Engineer can also be used as a primary construction subordinate to an Operations Engineer. In these instances, the HR CPR PD does not fit for that arrangement. Subtle changes are proposed to create a PD that can be specific to the office where the position will be employed. Intentionally, the fewest changes possible are proposed. Concurrence of the DCE's and recommendation of the Director of Construction are desired to update the HR CPR PD.

Summary Notes: The group discussed the position description was written for large, urban areas and the districts have a combination of rural and urban areas. SCO will send the proposed language to HR.

3) 2:08 PM – 2:12 PM Specification Updates (David Sadler)

SCO will provide an overview of recent Specification changes. Districts may bring forward any proposed specification changes.

Summary Notes: David highlighted the four specifications below which are out for Industry Review. DCEs are sending out specifications for staff review.

0072500 *Legal Requirements and Responsibility to the Public*
1050808 *Contractor Quality Control General Requirements*
938000 *Post-Tensioning Grout*
0081002 *Prosecution and Progress*

<http://www2.dot.state.fl.us/programmanagement/Development/IndustryReview.aspx>

4) 2:12 PM – 2:16 PM CPAM Updates (David Sadler)

SCO will provide an overview of recent CPAM changes. Districts may bring forward any proposed specification changes. Implementation of any recently completed CPAM updates will be voted on by the group as applicable.

Summary Notes: David highlighted the CPAM chapters out for review.

Ch. 3.2 Quality Assurance & Quality Control of Field Operations
Ch. 5.12 Final As-Built Plans Process (QA/QC of Field Construction Bulletin)

5) 2:16 PM – 2:20 PM Process Reviews – Lessons Learned (David Sadler)

SCO will present highlights of recently completed Process Reviews. Opportunities for improvements and best practices will be presented to the group.

Summary Notes: David touched on an issue regarding final as-builts. Project staff are not updating the as-builts throughout the project but instead waiting until the end of the project. Documenting along the way ensures a reflective set of records.

6) 2:20 PM – 2:25 PM – BlueBeam Update (Amy Tootle)

Amy to provide an update on the use of this technology.

Summary Notes: Amy reminded the group about the training video shorts and frequently asked questions which are on the Office of Construction website. Amy will begin training this next week in D7 and D1. Attendees will need to bring their own laptops. Amy will go over the basic steps provided in the training video and digital signatures. Amy will contact the other districts to set up training.

7) 2:25 PM – 2:30 PM – 5 Day Language (Amy Tootle)

Amy to provide an update on the location of the 5 day language.

Summary Notes: The 5 day language currently in the Design group's PPM will be removed in the spring as they believe their documentation covers this language. Amy and her team are working on this but think it will end up in the Basis of Estimates plan summary box language.

8) 2:30 PM – 2:40 PM – Mobile Devices (Amy Tootle)

Amy to provide an update on training.

Summary Notes: Pilot projects are moving forward. SCO has received 10 mobile devices and use of the ProjectSolve hosted site. Amy will bring the devices for the training in D7 and D1 next week. Amy discussed the differences between i-Pad and windows devices which prompted the use of the i-Pad Air 2. The windows tablets require a larger processor not allowing a full 8 hours in the field. The Apple products also have Otter box protection for ruggedness. As the technology evolves, we'll migrate towards windows based devices if they advance to be more field robust. Microsoft Suite will be loaded on the pilot i-Pads for use through OneDrive and Cloud based documents. Staff with smartphones will not get data plans on i-Pads as they will hotspot to the i-Pad. Pilot i-Pads will have data plans. i-Pads and Surface Pros have the ability to connect to desktops and they will support 2 monitors. SCO will provide districts with a document to address that the mobile devices are in addition to the laptops and as this develops, the laptops/desktops will be phased out.

9) 2:40 PM – 2:48 PM – Weather Letter Coding (David Sadler/Amy Tootle)

Discuss how weather days are coded in Site Manager.
Part of specification 8-7.3.2 for granting weather days:

The Department will grant time extensions, on a day for day basis, for delays caused by the effects of rains or other inclement weather conditions, related adverse soil conditions or suspension of operations as defined in 8-6.4 that prevent the Contractor from productively performing controlling items of work resulting in:

(1) The Contractor being unable to work at least 50% of the normal work day on pre-determined controlling work items; or

(2) The Contractor must make major repairs to work damaged by weather, provided that the damage is not attributable to the Contractor's failure to perform or neglect; and provided that the Contractor was unable to work at least 50% of the normal workday on pre-determined controlling work items.

Summary Notes: District staff questioned how weather days are entered and currently the state is not CPR on this issue. David sent the spreadsheet to the DCEs to review and this will be discussed again at the next meeting.

10) 2:48 PM – 3:14 PM E-Construction (Doug Martin)

Discuss the training plans for digital signatures and Project Solve for in house construction, design, project management and CEI's as well as Contractors.

Summary Notes: Doug provided an update on E-Construction. CPR group will meet and focus on priority issues to continue moving forward on the paperless initiative. David polled the districts and all are determined there will be a need for a full-time staff member to enter data into PSSP such as workflows, access entry to the data base, assigning users to appropriate levels, formatting of setup, training, etc. Districts are asking for the ability to keep a position for the purpose of programming and data entry. This staff member would assist with troubleshooting and correct broken workflows.

11) 2:48 PM – 3:14 PM Project Solve (Reference Documents Attached) (Jennifer Smith)

Discuss the implementation plan for proper training and evaluation of the Project Solve system.

Summary Notes: Included in discussion with item 10.

12) 3:14 PM – 3:25 PM CSI Specification (Mario Cabrera)

Discuss the existing CSI Specification and how Contractors can submit a CSI if a pay item quantity is "excessive".

<http://www.dot.state.fl.us/construction/CONSTADM/DRB/decisions/D6/10-14/T6363-4275151-SR9-I95-RoadRanger-CSI.pdf>

Summary Notes: The group discussed the concrete repairs issue that includes Road Rangers and Contractor submitted CSI for Road Rangers (Design calculated based on 24 hr/day use). Contractor submitted CSI based on quantity that was considered excessive and the DRB ruled in favor of contractor related to 4-3.9.1(2). The Department will discuss this issue more with legal.

13) 3:25 PM – 3:26 PM FDOT Buy America Guidance for Utilities (Reference Documents Attached) (Pete Nissen)

Discuss utility agreement guidance and if Utility Agreements executed after December 31, 2013 are or are not subject to Buy America.

Summary Notes: This was resolved prior to the meeting and was not discussed.

14) 3:26 PM – 3:41 PM Claims Against Utilities (Ed Hudec)

Are Districts observing contract success in claims against the utility (example AT&T)?

Summary Notes: Districts were asked if they are having success with claims against utilities on Design-Build projects. A few of the districts are having issues on Bid-Build and Design-Build jobs. The group discussed the differences between Bid-Build and Design-Build jobs and responsibilities related to Department responsibilities.

WALK-ON ITEMS:

1) 3:41 PM – 3:45 PM Unforeseen Work on Full Oversight Projects (Jennifer Smith)

We are experiencing some non-participation decisions for unforeseen work on our full oversight projects that the District feels are participating. Are any of the other Districts experiencing this?

Summary Notes: Districts were polled and others have had similar situations. Some districts have experienced issues with non-premium costs items not participated in.

2) 3:45 PM – 4:20 PM Errors and Omissions (Sid Kamath)

1. Design E&O – Communication between Construction and Design

Re: Procedure 375-020-010, Errors and Omissions and Contractual Breaches by Professional Engineers on Department Contracts

2.1 Discovery: Upon discovery of the design issue, the CCEI or other knowledgeable or responsible person shall promptly advise the CPM who will notify the DPM of any project design issues which may require design revisions and contract modifications resulting in added project costs. Initial advisement may be by verbal communication, which must be followed promptly by e-mail or other written documentation. The DPM is tasked with promptly notifying the EOR of the issues. Early discovery and notification provides the EOR an opportunity to minimize and mitigate any added project costs. In addition, such discovery and notification may prevent or minimize contractor claims against the Department.

2. CCTS – When a Change Order (CO) with Premium Cost greater than \$0.00 is coded into CCTS as Avoidable 1 (Design consultant), it is imported into the E&O Resolution Tracking system as an E&O issue.
 - a. **Discovery Date** is the date upon which the Statutes of Limitations on E&O issues begins ticking.
 - b. **Discovery Date** refers to the first notification received from the Contractor of a construction issue requiring attention. This may be several days/weeks before a Change Order is actually created.
 - c. Consider making **Discovery Date** a required CCTS input for a CO, irrespective of whether the issue will become E&O.

Summary Notes: Sid discussed the E&O issue and the inconsistency amongst the districts on getting information to the Design Project Manager. The Statue of Limitations date is based on the discovery of the situation. The E&O procedure addresses the timeframes necessary for the Department to take action. Sid encouraged the districts for the discovery date to be included in CCTS. The Design Project Manager will be notified if the issue is considered a design error.

3) New Role of Special Council (Jason Watts)

Summary Notes: Jason discussed the new role of the General Counsel's Office as they relate to the districts. Special Counsel will be traveling to the districts to work on building relationships with district staff.

4) Liquidated Damages (Bill Jones)

Summary Notes: Bill raised questions related to liquated damages.

5) Organizational Chart Classification (Carolyn Gish)

Summary Notes: Carolyn discussed an issue with the organizational chart classification for non-SES Resident Final Estimates Manager that is not supervising direct reports. Carolyn to draft and circulate.

6) 3D Data (Travis Humphries)

Summary Notes: Travis discussed 3D data that was provided to a contractor that was not signed/sealed which brings up questions. Files were xml files that were not signed/sealed. Cadd Office is currently working on language to address this. SCO will get with Bruce Dana about what they require from Designers for this. How is the Department covered for the data provided in xml and dgn files provided by designers? Carolyn suggested that the Procurement Office has disclaimer language for this purpose.

7) Retaining Wall Systems Specification Change (Michael Sandow)

Michael asked for SCO to check on status of the 548 specification change they'd submitted. Send all specification changes to David Sadler.

Next DCE Meeting – July 27, 2015

Submit agenda items to Suzannah Ray by July 17, 2015