

**District Construction Engineers' Meeting**  
**March 28, 2016**  
**2:00 PM – 4:45 PM**  
**Video Bridge 1 / CO Conference Room 479**  
**Agenda**

**New/Recurring Business:**

**1) Introductions and Agenda Overview**

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

*Summary Notes: Introductions were made recognizing those in attendance.*

*Attendees Present were:*

*D1 – Jon Sands, Brian Penny, Brian Blair*

*D2 – Carrie Stanbridge, Travis Humphries, Michael Sandow*

*D3 – Ed Hudec, Jonathan Upfold, Ranae Sanders, Jimmy Miller*

*D4 – Deb Ihsan*

*D5 – Amy Scales, Jennifer Smith*

*D6 – Mario Cabrera, Heidi Solaun-Dominguez*

*D7 – Bill Jones, Mark Chianese, Brian Pickard, Greg Deese*

*TP – Pete Nissen, Bill Sears*

*CO – David Sadler, Amy Tootle, Chris Lewis, Doug Martin, Sid Kamath, Art Berger, Denise Johnson, Jason Watts, Larry Ritchie, Suzannah Ray*

*FHWA – Rafiq Darji, Chad Thompson*

**2) 2:21 PM – 2:22 PM CPR Issues (David Sadler/Amy Tootle)**

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.

*Summary Notes: No CPR issues to discuss at this time.*

**3) 2:31 PM – 2:33 PM Specification Updates (David Sadler/Amy Tootle)**

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

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

*Summary Notes: David highlighted the two specifications below which are out for Industry Review.*

4360400      Trench Drain  
0072402      Legal Requirements and Responsibility to the Public

**4) 2:33 PM – 2:35 PM CPAM Updates (David Sadler/Amy Tootle)**

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: CPAM 8.14 Value Added Features is out for review. DCEs were asked to continue to review and submit responses to CPAM revisions. SCO is trying to schedule reviews further apart.*

**5) 2:39 PM – 2:52 PM Process Reviews – Lessons Learned (David Sadler/Amy Tootle)**

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

*Summary Notes: Amy hasn't been able to review the recent process reviews to provide an update. SCO is trying to revamp the process and determine what we should be focusing on. DCEs were asked to send suggestions to Amy prior to April 7. Districts were polled and agreed to view all process reviews as lessons learned. District 6 and 7 requested extra time with the specialty engineers for questions from the district while they are down for process reviews. Amy will look into putting something into place that will be beneficial to the districts to maximize education while specialty engineers are down for their review.*

**6) 2:03 PM – 2:10 PM & 2:58 PM – 3:06 PM e-Construction/Mobile Devices (Amy Tootle/Doug Martin)**

SCO to provide an update on e-Construction and Mobile Devices.

*Summary Notes: Amy and Doug provided an update on e-Construction and mobile devices. A two-hour webinar is scheduled later this week. Districts were asked to provide feedback as it is presented to assist with future webinars. Amy is preparing the application for state funding devices. If districts have the funding, can go ahead and purchase devices.*

**7) 3:00 PM – 3:22 PM Plan Notes Added by District Construction (David Sadler/Amy Tootle)**

For context and future reference, this is added because as we're pushing the issue to reduce or minimize notes on plans, we're hearing from design that many of the notes being added are coming at the direction of construction offices so we're trying to get a handle on it.

*Summary Notes: David informed the group of the push back with adding plan notes. The Department has been tasked with cutting down on notes. Some plan notes are necessary but specifications should not be restated. Districts were polled to determine how plan notes are handled and were in agreement plan notes are needed on occasion for project specifics. If districts are finding notes are required, send them to SCO so it can be added in the specifications. Design and Construction sometimes have different interpretations. If this happens, send it to SCO and we will look into it.*

**8) 3:22 PM – 3:33 PM Discuss CSI on Design-Build Contracts (David Sadler/Amy Tootle)**

Discussion with industry at ACTT Steering committee about their concerns with the timeliness of approvals.

*Summary Notes: David informed the group of Industry concerns regarding the time it takes for CSIs to get approved. Districts were asked if engineering questions have been answered, are we holding Contractors up before allowing them to start working on the change or are we giving them go ahead to do it? It was noted that all CSI proposals should contain the appropriate information found in Section 4-3.9.3 of the Specifications. If a CSI is submitted with incomplete information, the District should send it back to the Contractor. The Contractor should be providing the cost savings. If time and cost savings are not submitted, give it back to the Contractor until it is addressed.*

**9) 3:33 PM – 3:37 PM Use of Drones for Construction Inspection (David Sadler/Amy Tootle)**

The group to discuss using drones for construction inspection. The Department doesn't have a policy in place but are reviewing requirements for Contractors and consultants to use drones.

*Summary Notes: David advised the group to stay away from using drones until the Department has a policy in place. The Department is working on a policy but we have no timeframe of availability.*

**10) 3:47 PM – 3:54 PM Discuss Draft Memo for granting holiday/special event/weather days (David Sadler/Amy Tootle)**

Discuss draft memo for granting days. Draft will be displayed at the meeting for review and discussion.

*Summary Notes: David provided guidance on the memorandum for granting additional days, what the restrictions are, and why it was written this way. All districts were in agreement with the exception of Turnpike which suggested deleting “per the referenced spec.”*

**11) 3:40 PM – 3:47 PM Landscaping/Establishing Period/Inspection (Reference Document Attached) (Carrie Stanbridge)**

Carrie to discuss landscaping with the group.

*Summary Notes: Carrie requested input from the districts regarding landscaping. Districts are managing landscaping out of construction and maintenance. SCO will take a close look at the language.*

**12) 3:54 PM – 4:25 PM Contract Administration/Interpretation: Recurring issue with Clearing & Grubbing (Reference Document Attached) (Carrie Stanbridge)**

Carrie to discuss recurring issues with clearing and grubbing.

- An overall thickness of 1’ of existing asphalt pavement & limerock was shown in the cross-sections. (See attachment.) The Contractor stated his Clearing & Grubbing bid price was based upon an assumed thickness of 4” of asphalt pavement (6 inches of limerock). When the actual verified asphalt pavement thickness turned out to be an average of 6”, the Contractor claimed his bid price under the Lump Sum pay item for Clearing & Grubbing was “rendered inadequate and invalid as a result of excess volumes exceeding what could reasonably have been estimated”.
- Assume Contract Specification 2-3.2 would be applicable in this situation? (See below.)
  - “Where items are listed for payment as lump sum units and the Plans do not show estimates of component quantities, the Contractor is solely responsible for his own estimates of such quantities.”
- Is the Contractor entitled to extra compensation for the removal of the additional 2” of existing asphalt pavement on the grounds that:
  - The decision by the Contractor to assume a 4” thickness was reasonable.

- The 6" average thickness is a changed condition and therefore unforeseen.

*Summary Notes: The group discussed clearing and grubbing contract administration and interpretation. Districts are not CPR with this issue. David informed the group to go with what's in the contract. David and Amy will work with Tim Lattner and Michael Shepard regarding this issue.*

**13) 4:25 PM – 4:28 PM DCE Memo 09-15: Credit for Mass Concrete (David Sadler/Amy Tootle)**

Are Districts providing a credit, if incorporating the memo, to projects let prior to January 2016?

*Summary Notes: Districts were polled regarding credits on jobs let prior to January 2016. A few districts have provided credits with the others not receiving any requests.*

**14) 4:28 PM – 4:32 PM Partnering on Construction Projects (David Sadler/Amy Tootle)**

Discussion of partnering on construction projects and the need for DCE to engage early on projects with issues, be the active leader.

*Summary Notes: David discussed the significant amount of partnering already occurring and encouraged the districts to stay engaged and actively participate if there is partnering on projects. Some folks are concerned that partnering only happens in certain districts. David will send the partnering numbers to everyone.*

**15) 2:53 PM – 2:58 PM Performance and Payment Bonds (David Sadler/Amy Tootle)**

Discuss with DCEs to get thoughts on piloting projects with two separate bonds.

*Summary Notes: Legal would like to pilot two separate bonds on a few jobs. Each district was asked to find 1 to 2 projects that let in September 2016. Different types of projects including Design-Build and Bid Build should be evaluated. Districts were asked to get the requested information to David by May 1, 2016, for preparation of the specification language.*

**WALK-ON ITEMS:**

## 1) 2:22 PM – 2:31 PM Errors & Omissions (Sid Kamath)

Sid to discuss errors and omission with the group.

*Summary Notes: Sid informed the group of the continuing inconsistencies with errors and omissions and would like to see all districts CPR with this.*

### 1. *E&O Design E&O*

- a. *Communication between Construction and Design is critical.*
  - i. *Avoid surprise to the DPM of an unexpected E&O issue.*
  - ii. *Avoid inappropriate E&O claim against EOR.*
- b. *Procedure – Upon discovery:*
  - i. *CEI shall notify CPM.*
  - ii. *CPM shall notify DPM.*
  - iii. *DPM shall initiate E&O resolution process (in PSEE RTM).*

### 2. *CCEI E&O*

- a. *While a DPM is not directly involved in CCEI E&O issue resolution, the issue will appear on a DPM's project in PSEE RTM. DPM is not responsible for managing CCEI E&O issue resolution.*  
*Recommendation: CPM should request district E&O Liaison assistance to document resolution in PSEE.*

## 2) 2:00 PM – 2:15 PM Temporary Rumble Strips (Chris Lewis)

Chris to discuss temporary rumble strips with the group.

- Keep hearing concerns from District personnel on the performance of the molded engineered polymer rumble strips
  - Motorists avoiding rumble strips by driving around them
  - Effectiveness in the field
  - Improper installation has been noted
- Discussions have been made with other states that use these devices and they have not experienced any issues

Suggesting field monitoring/investigation through CEIs, PAs, and other construction personnel to provide feedback in the following areas:

- Road conditions (rutting vs flat)
- Weather
- Traffic volume (trucks vs cars)
- Condition of the device (edges starting to curl)
- Proper Installation
- Roadway Geometry
- Horizontal movement of devices

- Specific APL device being used

*Summary Notes: Chris informed the group of the issues with engineer polymer rumble strips which are flipping up and causing damages. He is working with Design to determine if the product is defective and requested field monitors. Districts were asked to get with Chris if this has happened in your district.*

### **3) 2:15 PM – 2:21 PM Channelizing Device Supplier (Chris Lewis)**

Chris to discuss channelizing device supplier with the group.

- Have the Districts been receiving this information at the Preconstruction Meetings?
- Spec 102-9.1.1 (July 2015)

*Summary Notes: The group discussed channelizing device supplier and the importance of discussing this at the pre-construction meeting. David asked the districts to poll folks and ensure they are aware this is in the specifications and credentials outlined in the specifications.*

### **4) 4:50 PM – 5:00 PM FHP Hireback Contract Rate Modification (Amy Scales)**

*Summary Notes: Jennifer polled the districts and some are experiencing the same trouble. The current contract has higher rate. David asked the districts to look at the contract to see if any escalation language was built into it. SCO will look into the contract to see if there is anything we can do.*

### **5) 5:00 PM – 5:10 PM Gopher Tortoise relocations on Bid Build Projects (Amy Scales)**

*Summary Notes: Amy spoke of the issues District 5 is having with gopher tortoise relocations. Districts were polled to determine what others are doing around the state. District Environmental Management folks take care of it in some districts, Construction handles in others, and separate contracts are also being done to relocate.*

### **6) Fuel Factors (David Sadler)**

*Summary Notes: David informed the group that fuel factors going back to 2013 will be switching over to the new rates.*

**Next DCE Meeting – April 25, 2016**

Submit agenda items to Suzannah Ray by April 15, 2016.