

District Construction Engineer's Meeting Notes
February 12 & 13, 2014

Attendees:

CO – David Sadler, Rudy Powell, Tom Byron**, Amy Tootle*, Rich Hewitt*, Alan Autry, Art Berger, Jason Watts*, Paul Martin

D1 – Jon Sands, Bill Jones, Brian Penny

D2 – Carrie Stanbridge

D3 – Steve Potter

D4 – Carolyn Gish

D5 – John Tyler, Mike Ruland, John Hatfield, Todd Womick*, Mo Hassan*, Tammie Andrews*, Andrew DeVault*, Adam Brennan*, Jared Peltz**

D6 – Mark Croft

D7 – Brian McKishnie, Megan Arasteh

TP – Pete Nissen**

FWHA – Rafiq Darji, Abe Ramirez*, Nicholas Finch*

All attendees listed above were present both days unless identified otherwise

*Only Present 02/12/2014

**Only Present 02/13/2014

New Business:

- 1) CPR – (David Sadler)

No specific CPR issues were discussed.

- 2) Mobilization Specification ([Reference Documents Attached](#)) – (Amy Tootle)

Amy Tootle made a presentation to the group addressing instances noted by SCO related to both proper and improper payments issued to Contractors for the Mobilization Pay Items. Awareness of the specification requirements related to payment was raised. As part of this discussion, a [proposed specification change](#) for Design-Build projects that is currently under development by SCO was presented to the group for review.

- 3) Deck Cracking on Steel Beam Bridges; D5's observations and recommendations ([Reference Document Attached](#)) – (John Tyler/Todd Womick/Mo Hassan/Tammie Andrews/Andrew DeVault)

District 5 personnel made a presentation to the group addressing their experience and subsequent research on a project related to an issue of deck cracking. Following the presentation and group discussion, it was noted that SCO (Dan Hurtado) will address this issue with the State Structures Design Office.

- 4) Plans presented using Mileposts vs. Stations ([Reference Document Attached](#)) – (John Tyler/Jared Peltz)

District 5 personnel made a presentation to the group addressing their experience related plans development using Mileposts vs. traditional Stationing. Following the presentation and group discussion, it was noted that SCO and D5 will address this issue with the State Roadway Design Office and that this would be a good topic for the Summer 2014 Design Expo.

- 5) OGC Form Letter ([Reference Document Attached](#)) – (Art Berger)

The group reviewed and discussed a form letter which was developed and proposed by the Office of General Counsel intended to address Contractor claims which are non-compliant with specification requirements. As part of the discussion it was noted that SCO (Alan Autry and Jerry Rudd) will review the proposed letter and provide comments to OGC prior to further implementation.

- 6) Temporary Bridge Dunnage; requirements of Specification 102-6.2 - (Rudy Powell)

Provide timber dunnage, and transport the bridge components from the designated storage facility to the job site. Unload, erect, and maintain the bridge, then dismantle the bridge and load and return the components to the designated storage facility.

The group reviewed the specification shown above so as to raise awareness of the requirements. As part of the discussion and review of the specification, it was noted that a possible revision is necessary to better convey the intent related to dunnage requirements for both transportation and storage. SCO (Dan Hurtado) will develop this specification modification and process the proposed change in accordance with Department procedures.

- 7) Discussion of incremental steps to follow when performance issues are developing on a contract i.e. lack of progress – (David Sadler)

The group reviewed and discussed CPAM and Specification requirements related to this issue so as to raise awareness of these requirements. The group discussed issues related to the contractors “pursuit of work” along with instances where copies of Letters of Concern issued by the District Construction Office should be sent to the Contractors Surety Company. As a result of these discussions, SCO (Lewis Harper) will review CPAM and specification requirements to determine if modifications are necessary. Additionally, the group discussed project specific issues related to the submittal of fraudulent bonds and attempts by Surety Companies to compel courts to enforce interpleader agreements on specific projects.

Walk-On Items:

- 1) CPAM Introduction and need to update – (Rudy Powell)

The group reviewed and discussed the Introduction section of CPAM and the need to update this document. As part of this discussion, it was noted that future updates to CPAM will be subject to the voting process outlined in this section and that future DCE meetings will include standing items for CPAM and Specification proposed modifications.

- 2) Arithmetic Mean ([Reference Document Attached](#)) – (Rich Hewitt)
Rich Hewitt made a presentation to the group addressing proposed changes for asphalt adjustments. Referring to the attached presentation, only slides 8, 14-17, and 20 were presented to the group. Following the presentation and discussion, each district was asked to use the spreadsheet provided by Rich (in a follow-up email) on 2 or 3 projects which had been Final Accepted. As part of this exercise, the information from those projects Plans and Asphalt Roadway reports is to be used to calculate the differences in the asphalt adjustments using the proposed and existing methods. Once this exercise is complete, the districts were asked to provide the data to Rich for additional review and analysis to be used as implementation of the proposed process moves forward.
- 3) Guardrail and Cable Barrier Update – (Rudy Powell)
Rudy provided an update on the proposed modifications to guardrail and current policy related to the use of cable barrier systems (refer to Project Management Memo 14-02). It was noted that the proposed modifications to guardrail will not impact on-going contracts and that the actual implementation date for any future proposed changes is yet to be determined.
- 4) HR CPR SMART Goals ([Reference Document Attached](#)) – (David Sadler)
The group discussed establishing HR CPR SMART Goals for the DCE's. Several examples of existing SMART Goals were reviewed and discussed. Each DCE was asked to submit their individual SMART Goals to David for further development.
- 5) Special Provisions requiring DCE approval prior to use – (Rudy Powell)
Raised awareness of the SP's from Specifications Workbook and Design-Build pick-list which require DCE approval prior to use. Districts were asked to ensure their Specifications Office was copied on all required approvals. Districts requested that the current requirement to obtain Chief Engineer approval for the use of SP00803030B and SP00803030C be delegated to the DCE's. Districts also discussed use of Flex Time and Material Acquisition time on DB projects to allow for the processing of Cost Saving Initiative proposals. SCO will review these suggested for future changes to current policies.
- 6) Third Party Damages ([Reference Document Attached](#)) – (Rudy Powell)
Rudy made a presentation to the group addressing changes to specification 7-11 and 7-14 which are effective with Lettings in or after January 2014 and the implementation of those proposed changes. The group discussed impacts to the departments administration process related to contractor payments addressed by these specifications along with proposed future modifications of these specifications related to the 'deductibles'. It was noted that the Attachment to CPAM 7.3 has been modified by adding contract change codes which are to be used to track the costs associated with these specifications.

- 7) Final Estimates Level I Training – (Amy Tootle)
Raised awareness of a CTQP Provider conducting non-CBT Final Estimates Level I training for Department and Consultant personnel which has not been endorsed by the State Final Estimates Office. As part of this discussion, it was noted that the only SFEO endorsed training for FE Level I is the CBT course. SCO will address this issue with the Provider.
- 8) Update on Profile Presentations to BSSO – (David Sadler/Mark Croft)
Mark Croft provided an update on District 6's efforts associated with the future implementation of Profile and/or modifications to CIM. Mark was asked to conduct meetings with other districts and coordinate with BSSO on this effort.
- 9) Cross-Training Opportunity – (David Sadler)
David informed the DCE's of an upcoming opportunity during the Summer of 2014 to participate in a cross-training opportunity in SCO. Interested DCE's were asked to coordinate with David.
- 10) DRB Recommendations – (David Sadler)
David informed the group of an on-going project related to the analysis of accepted vs. rejected DRB recommendations. Districts were asked to review the list of recommendations posted on the SCO website and provide recommendations, along with the disposition of these recommendations, for any that are not posted on the website. Project specific recommendations were discussed and the districts were reminded that when rejecting recommendations, when possible, to identify the basis of said rejection.
- 11) Testing of Temporary Asphalt – (Rudy Powell)
Discussed an inquire from SMO related to the requirement to test temporary asphalt when the designer inadvertently called for a 334 Pay Item vs. 102 pay items which should be used. It was determined that when this occurs, a plan revision should be processed to correct the error and that testing of the material in accordance with specification 334 should not occur.
- 12) Subsoil Conditions – (John Tyler)
Discussed a project specific situation related to the quantity and availability of subsoil excavations required by the plans.
- 13) Differing Site Conditions on DB projects – (Brian McKishnie)
Discussed DSC specifications on DB projects. SCO will review current specifications for the purpose of identifying potential future modifications to these specifications.
- 14) Elimination of Lights on Overhead Signs – (Pete Nissen)
Discussed project specific examples of how this issue has been addressed in various districts. Districts, which have process SA's or WO's addressing the credit received from Contractors, were asked to send examples to Pete Nissen. SCO offered a position

related to the appropriate value and items to consider when determining the appropriate credit.

15) CPPR and Interim Milestones – (Rudy Powell)

Discussed current CPPR guidance and requirements related to contractors failure to achieve project milestones either identified by the contractor or required by the contract. SCO (Lewis Harper) will coordinate with those districts which submitted this issue and evaluate current procedures for the purpose of identifying and incorporating necessary changes to address this issue.

16) Thermoplastic Paint and Cure Period Requirements – (Mark Croft)

Discussed current policy related to how thermoplastic markings are applied to completed projects and the cure periods associated with these materials. It was noted that all districts which currently include thermoplastic markings as part of the construction contracts, have approved MSP's which require a 30 day cure period.

17) Reflectometers – (John Tyler)

This topic was tabled and will be discussed at the March 2014 meeting.

18) Future of Computation Book – (Jon Sands)

This topic was tabled and will be discussed at the March 2014 meeting.

19) QA Expectations on CCEI (Hybrid) Contracts – (Mike Ruland)

Discussed expectations related to Quality Assurance responsibilities of Consultant CEI's working on Hybrid Contracts. SCO (Jerry Rudd) will coordinate directly with the districts on this issue with regard to modifying the CCEI Scope of Services for those contracts to ensure the expectation is clear.

NEXT DCE MEETING – March 24, 2014 (Video Conference)

Submit agenda items to Alan Autry by March 14, 2014