

**Joint District Materials / Research Engineer's and  
District Construction Engineer's Meeting**

**September 16, 2015**

**8:00 AM – 9:52 AM**

**Orlando Urban Office**

**Agenda**

**New/Recurring Business:**

**1) 8:00 AM – 8:07 AM Introductions and Agenda Overview (Tim Ruelke and David Sadler)**

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

*Attendees Present were:*

*D1 – Jon Sands, Sue Zheng, Terry Puckett*

*D2 – Carrie Stanbridge, Travis Humphries, Greg Sholar, Tim Ruelke, Howard Moseley, Stephen Sedwick, Charles Holzschuher*

*D3 – Ed Hudec, Tim Hendrix, Frank Kreis, Kevin Fussell, Blair Martin*

*D4 – Carolyn Gish, Deb Ihsan, Mayur Patel, Jesus Caballero*

*D5 – John Tyler, Amy Scales, Jennifer Smith, John Hatfield, Jeremy Wolcott*

*D6 – Mario Cabrera, Heidi Solaun-Dominguez*

*D7 – Bill Jones, Megan Arasteh*

*TP – Pete Nissen, Ken Morgan*

*CO – David Sadler, Jason Watts, Paul Martin, Rich Hewitt, Susan Robeson, Larry Ritchie, Suzannah Ray*

*FHWA – Nick Finch*

*Summary Notes: David Sadler/Tim Ruelke provided a quick review of the Asphalt Conference. Performance specification PG 76-22 is not a mandate in our system and not to be eliminated.*

**2) 8:07 AM – 8:10 AM CTQM Updates (Reference Documents Attached) (Susan Robeson)**

Susan to provide the group with CTQM updates.

*Summary Notes: Susan provided an update of the numerous reformatted changes/revisions to the CTQM. These revisions are included in the calendar request for the Joint DMRE/DCE Joint Meeting on September 16, 2015. DMRE's and DCE's to review and vote on the changes for discussion at the October 26, 2015 DCE meeting.*

**3) 8:17 AM – 8:26 AM Digital Signatures for Materials Staff (John Tyler)**

Is there a need for this or will MAC approvals address the “signature” points for paperless contract administration and materials certification?

*Summary Notes: Mayur Patel explained the forms would require digital signatures for SMO to move towards e-Construction and they have acquired digital signatures for their folks. The cost for digital signatures is \$119.00 for two (2) years. Amy Tootle will put together steps for requalification as hers is up and distribute to all. Legal will need to get on board with digital signatures so that documents requiring their signatures will work.*

**4) 8:46 AM – 9:03 AM Update on Asphalt and F&T Testing (John Tyler)**

John to provide an update on asphalt and F&T Testing.

*Summary Notes: Greg Sholar/Tim Ruelke discussed the use of asphalt plant technicians and a statistical tool that would have the ability to catch the cheaters. Much of the data works well and some has shown concerns. The three main goals: remove VT from the plant, ramp up IV testing that the contractor doesn't get to see, and FHWA concerns over Department processes using PWL specifications. Three (3) projects have been piloted in shadow format. SMO has some concerns with opportunities to cheat the system and will have to explore a system to catch these so the goals are believable. Anticipated paying a 1.0 cpf as the job went along and at the end of the job, would pay the cpf adjustment up or down. Industry didn't like that idea at all.*

**5) 8:26 AM – 8:38 AM Ticketless/Paperless Asphalt (John Tyler)**

Have the Turnpike's pilot projects progressed to the point where statewide rollout can be considered and incorporated into e-Construction initiatives?

*Summary Notes: The group discussed FTE ticketless asphalt process. Contractors would have to bid the requirement and convert their systems for the ticketless approach and none have done that. The Department is ready to go with ticketless asphalt but industry is not. Bar codes are scanned in the field to collect the data. RFID tags is another method. What about a scanner/software that can collate and total asphalt tickets so industry wouldn't have to invest in the RFID process for ticketless asphalt? This way it could be filed in EDMS. Contractor cost to implement paperless ticketing is approximately \$30K per plant so would likely not see roll out until the Department requires it.*

**6) 8:38 AM – 8:46 AM Digital Materials Acceptance Possibilities (John Tyler)**

Are there any other digital solutions to explore to further drive us to a paperless contract administration and materials certification system?

*Summary Notes: Density log books. SMO is working towards tablets into labs for quicker, more accurate inputs. Rich Hewitt discussed elimination of the arithmetic mean to automated calculation on asphalt roadway reports.*

**7) 8:10 AM – 8:17 AM CTQP Qualification Extension Initiative (John Hatfield)**

Implementation of this initiative could be beneficial to M&R because, with our current program, it can be challenging to track down technicians to perform IAs after they have conveniently failed to participate, knowing that their resulting strikes will eventually drop off. If the proposed change allows CTQP extensions, it can reduce consultant costs, eliminates having to retest, and will help to motivate technicians to participate in the IA program because of these benefits.

*Summary Notes: John Hatfield requested an update on qualification extensions. Beginning today, SCO is using the extension process. Susan Robeson is working with Red Vector (RV) to develop the tracking system and integrate it with SMO recorded results that we could grant to those meeting the extension threshold. Candidates would be able to view themselves if they get extensions. Level 1 qualifications are the only ones eligible for this extension. RV has developed an online application process for technician extensions and the administrative fee is approximately \$80.*

**8) 9:04 AM – 9:27 AM Overland Bridge Presentation (Reference Document Attached) (Howie Moseley)**

Howie will give a presentation on the Overland Bridge Use of Recycled Concrete Aggregate Base.

*Summary Notes: Howie Moseley presented an innovative method that was accepted as an ATC and used on the Overland Bridge job.*

**9) 9:27 AM – 9:52 AM Using Broken Concrete for Rubble Rip Rap/Bedding Stone (Jon Sands)**

Discuss Riprap Material and the Bedding Stone Material needs to come from an FDOT approved source.

*Summary Notes: Specification 530 would need to address that use of this would require Department approval. 6-2.3 presents an issue since it requires all "aggregates" used follow 14-103 FAC. Is crushed, recycled concrete considered aggregate? Sometimes locals don't want the broken concrete because of aesthetics. Will have to look at the environmental regulations regarding the use of the crushed concrete. Tim Ruelke, Jason Watts, and David Sadler will work on the language.*