

Concrete Products Task Group Meeting Minutes

October 11, 2012, 10:00am – 12:00pm, Translab Room 514, Structural Materials Annex

1. Welcome

Mr. Speer welcomed all the members of Concrete Products Task Group that are present and thanked everyone for taking the time to participate. The group went through a round of introductions.

2. Review of Agenda and Action Items from Last Minutes

The meeting minutes and action items were reviewed from the previous 2012 Task Group meetings. No issues were noted.

Mr. Mehta gave a brief overview of the NCHRP ongoing research for Performance-Based Specifications.

Mr. Speer indicated that it might be beneficial to continue to explore the NCHRP Performance-Based Specification research and determine how our QCQA Specifications can tie-in.

Mr. Speer also expressed concern over the attendance of Craig Hennings, the CIP Pavement STG Industry Co-Chair. It was noted that Industry would contact Mr. Hennings and determine if he still desires to remain as part of the TG, or if a replacement should be selected.

An Action Item was noted at this time to create a potential calendar for 2013 and begin scheduling upcoming Task Group meetings.

3. Housekeeping – FTP site access, binders, calendar

Mr. Petska went through the documents in the print-out package. The group was also reminded to check the FTP Site for the latest information. No significant issues were noted during the discussion.

Mr. Speer also gave the TG a brief overview of the new OSM RPC Concrete Task Group website. The group agreed it would be beneficial to place final documents discussed within the STGs onto the website. Draft documents would also be posted and be annotated as “For Review”.



4. “State of the Industry” Address

Mr. Rea gave a brief overview of the ongoing topics from Industry. Upcoming “MAP-21” Legislation was discussed by Mr. Rea at this time. The milestones and performance measures that are included with this Bill were discussed.

Mr. Rea also expressed some general concerns related to funding for transportation projects throughout the State. General discussion regarding upcoming projects also took place.

No significant issues were noted by Mr. Ohlwiler.

5. Updates from Sub Task Group co-chairs

a. CIP Pavement Subtask Group

Mr. Parvini gave a brief overview of each activity within his STG. Notes on each are included below:

“Coefficient of Thermal Expansion (COTE)” – 248 Data points have been received thus far. All were underneath the threshold of concern. Discussions are ongoing with Joe Holland regarding the optimal sample characteristics. Interlab variability and reliability of the test data will need to be discussed further. It was noted that a Final Report will be created by next June 2013 for this activity.

“Smoothness Specification” – The Final SSP was distributed by the CIP Pavement Co-Chairs in August 2012. The final specification is to be distributed and posted onto the RPC Website for review. This was noted as a meeting action item. A project team meeting took place on 16 October 2012 to discuss the draft specification and activity deliverables.

“Rapid Strength for JPCP” – Updates to the Section 40 specifications have been distributed for review. No significant issues have been noted thus far.

“CRCP Design Details” – Updates to specifications are currently being developed. Discussions are also ongoing at the project team level. Nothing significant was reported at this time during the meeting.

“Bond Breaker” – An updated draft of the specification has been distributed by the STG. Comments were received by various stakeholders and have been incorporated into the latest draft. Revisions are currently under development. Per Mr. Farnbach, Industry has not yet sent to him for review the “sand specification” associated with this activity. This was noted as an Action Item for the meeting.



“Roller Compacted Concrete” – The Project Team is currently soliciting input for the designation of pilot projects. The specification is still under development at this time.

b. Concrete Materials/QA Subtask Group

Mr. Hoffman gave a brief overview of each activity within his STG. Notes on each are included below:

“Structural Concrete QCQA” – The updated list of Pilot projects was displayed for the TG. DIME Database validation was also discussed briefly. Project team meetings are currently ongoing. Method of comparing Industry QC Tests and Validation Tests will be a key item for this portion of the work. ACI Training for all necessary Department staff will continue into October and November. Also, Pilot Project and Agency Outreach continues. A Pre Bid presentation has been scheduled on 15 November for the 11-2T1824 Pilot Project. QA Guidance document is also being developed by OSC and METS at the project team level. This document will be finalized in the coming weeks.

“Statewide Aggregate Database” – Aggregate “Test Cards” are currently being developed to fall in line with existing practices. Movement continues at the project team level. The next project team meeting is set to take place on 24 October 2012. Preparations for the 7 November 2012 DME Presentation for the DIME Database also continue.

“Construction Manual Updates” – Construction has Mr. Petska on the distribution list for all Construction Manual Updates. Comments can be placed and submitted onto the website after review. A process/steering committee is in place to consider the updates as well.

“Recycled Concrete” – The Preliminary Investigation has been completed and posted onto the TG website. The Materials/QA STG standing by for Industry comment and strategy for the next phase. Standard Specifications updates would also be investigated moving forward based on decisions made by the project team. It was also noted that weighing and measuring equipment verification is a key issue that would have to be explored for Returned Plastic Concrete. Mr. Speer specified that we need Industry project team members to be engaged and to clearly brief their vision for the activity to the STG. More discussion is needed at the project team level, and an Action Item was given to Industry to execute a project team meeting by the end of October 2012. A decision was also made that Industry was to adjust the Research Problem Statement for Recycled Concrete to focus on their desired strategy for the future.

“Smog Eating Concrete” Bin List Item – It was noted that the STG is considering Pilot Projects. The goal is to move forward in an area where this Titanium Dioxide material is not a pollutant of concern.



c. Precast Subtask Group

Mr. Ohlwiler gave a brief overview of each activity within his STG. Notes on each are included below:

“Precast QC” – Comments related to the draft Section 11-2 are being sent in by Industry. Notes related to Industry’s Section 90 review will also take place. Project team meetings will occur on 23 October 2012 for CT-Only staff, and 1 November 2012 for the entire CT-Industry Project Team.

“Precast Pavement” – The updated Design Methodology is currently under development and will be refined at the Project Team Meeting on 17 October 2012. The end result is that an RE can use this Design Methodology to compare alternative systems. A Lessons Learned document has also been developed for the I-680 Project, and comments have been received. An updated Scoping Document will be developed at the 17 October project team meeting to capture timeline updates based on upcoming Pilot Projects.

“Curing PC PS Piles” – The final Specification is to be published on 20 October 2012. No issues have been noted during the CT-Wide specification review.

“Pretensioning Calibration” Bin List Item – A decision was made to take this activity off of the Bin List, as it will be explored throughout the life of the “Precast QC” activity.

6. Discuss issues, questions, and action items

The group went through a brief overview of the action items from the meeting. These items are captured in the table below.

Below is the summary of decisions made or consensus received during the October 11th meeting.

- Remove Pretensioning Calibration from the Bin List from the Precast STG
- Industry to Adjust the Research Problem Statement for Recycled Concrete

Below is the brief summary of action items from the October 11th meeting:

Action Items from 10/11/12 meeting	Due Date	Responsible Person	Status



Create Updated 2013 Calendar for Distribution	30 Nov 2012	Bobby Petska	Complete
STG Co-Chairs to send to Bobby the final items that need to be posted onto the RPC TG Website	31 October 2012	All STG Co-Chairs	Pending
Send Smoothness Specification to Bobby for posting onto the RPC Concrete TG Website	31 October 2012	Mehdi Parvini	Complete
Send "Sand Specification" for Bond Breaker Activity to the appropriate parties	30 Nov 2012	Charley Rea	Pending
Execute a Project Team Meeting for the "Recycled Concrete" Activity	31 October 2012	Charley Rea	Pending