

Concrete Products Task Group Meeting Minutes

October 10, 2013, 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 2013 Task Group meetings. No issues were noted.

Ms. Fong indicated that the end of November 2013 is a target for completion of the updated COTE report.

For the “Flexural Beam Testing” activity, it was noted by Mr. Hill that substituting to the ASTM test method from the current CTM may be the most efficient way of addressing concerns. A Scoping Document is under development, and will be a joint activity between the CIP Pavement STG and the Materials/QA STG.

3. Housekeeping – Current Print Out Package, Participant Memo, 2013 Calendar

Mr. Petska briefed the Calendar and the OSM Website. No issues were noted.

The OSM Website was presented for the group. It was noted that final meeting minutes from previous meetings were now posted onto the Concrete Task Group website at: http://www.dot.ca.gov/hq/esc/Translab/OSM/rpc_concrete_task_group/index.htm

For the 2013 Calendar, it was noted that the 21 October RPC Meeting would be pushed to 30 October. The next Concrete TG 3+2 Meeting will be scheduled for 25 November.

It was noted by Mr. Rea that an overall RPC priorities meeting may be needed around the beginning of the 2014 Calendar year. Mr. Hennings also discussed the Pavement Preservation TG meeting at this portion.

The 2014 Calendar was discussed at this point of the meeting. A decision was made to adjust the rhythm of the 3+2 Meetings in the future.



4. "State of the Industry" Address

A brief discussion took place regarding the upcoming 2014 Calendar.

A discussion next took place regarding the use of Annual Aggregate Testing results for multiple projects. It was noted that Industry had concerns regarding the frequency of testing due to funding. Much of the concerns were associated with annual source samples.

An action item was noted to invite the Chief of Project Management/Project Delivery (Jim Davis) to speak to Industry at the 30 October RPC Meeting.

Industry also brought up concerns with CT109 certification. Industry has also been told that resources were unavailable for the Department to travel to batch plants to perform CT109 certification, thus in some cases resulting in delays to projects.

It was noted that performance of testing on more of a random/programmatic basis may be a solution to project specific delays related to Aggregate Testing.

5. Updates from Sub Task Group co-chairs

a. Concrete Materials/QA Subtask Group

Mr. Hoffman and Mr. Hill briefed the updates to the current Materials/QA STG projects.

"QCQA". Mr. Hoffman and Mr. Hill briefed the latest deliverables on this activity. He indicated that there are several ongoing projects, and that updates would be made based on lessons learned from QCQA Pilot Projects. It was noted that a project team meeting would occur in the coming months.

Mr. Darby noted that a special instruction package is being input into future Pilot Projects to ensure that a Prebid Outreach Meeting takes place.

A Structures Policy Board presentation may be desired for QCQA to advertise the lessons learned captured thus far.



“Construction Manual Updates”. Mr. Hoffman indicated that METS has passed along comments on the Section 6-2 portion of the Construction Manual. Mr. Darby indicated that the comments related to Section 6-2 are being incorporated into an updated Section.

“Recycled Concrete”. Mr. Hoffman and Mr. Hill gave an overview of the discussions at the most recent August and September 2013 project team meetings. Mr. Hoffman noted that there are continuing discussions taking place regarding the MPQP and the Specification documents. It was noted the specifications are currently being developed by owners and SP&I personnel.

Mr. Hoffman stated that work group is attempting to meet with the Division of Measurement Standards to get their input on the MPQP portion of the specification. A July 2014 completion mark was proposed for the Returned Plastic Concrete portion of the Activity.

A discussion also took place regarding the Batch Plant visit for Returned Plastic Concrete usage. The visit occurred at Folsom Ready Mix in Sacramento, and all agreed that the visit was beneficial.

For the Bin List Items, no significant issues were noted, and no changes were proposed. The “Shotcrete Specification” will be the first Bin List Item to be activated once resources are available, followed by the “Flexural Beam sample creation” activity. Mr. Hill indicated that replacing the CTM with the ASTM Test Method would be the optimal procedure.

b. CIP Pavement Subtask Group

Mr. Hakim and Mr. Hennings gave an overview of the current activities in the STG.

A general discussion took place regarding the use of Epoxy Coated Rebar for pavements, and the potential use of “Double-Layer” epoxy coating for reinforcement. A discussion took place regarding optimal thickness and benefits associated with epoxy coating. More discussion would take place in the near future at the STG level on this topic.

“COTE”. Mr. Hennings gave an overview of the test results that have been received. It was noted that COTE for JPCP would not be a concern, but there would continue to be a need to test for COTE for CRCP. The Task Group agreed that a final report capturing the decisions for this activity is desired.

“Roller Compacted Concrete”. No significant updates, however the project team has held recent discussions on the activity.

For the Bin List Item of “Dowel Location and Tolerance”, it was noted that a Scoping Document is currently under consideration. Details regarding Contractor quality control strategies during construction and testing requirements will be included in this Scoping Document. Mr. Hennings



noted that this activity is not a large consideration for Industry. He also indicated that he would like to see more realistic quality control measures in this activity.

For the “Flexural Beam Testing” Bin List item, Mr. Hennings noted that the use of ASTM test method would be the desired tactic to accomplish the goals of the activity.

On the topic of Early Age Cracking for pavement, it was noted that a new technology would be demonstrated on November 12th that attempts to address the issues. A general discussion took place regarding the use of curing to prevent internal stresses that result in cracking.

c. Precast Subtask Group

Mr. Hoffman and Mr. Ohlwiler went through an update on all of the current Precast STG activities.

“Precast Pavement”. Mr. Hoffman and Mr. Ohlwiler briefed the latest deliverables and performed a discussion of the ongoing Pilot Projects. It was noted from Mr. Ohlwiler that the activity has been delayed due to the start date for the I-710 project. Mr. Darby noted that the use of the MSE Panel example for the nSSP would be a possible solution in the future. Mr. Ohlwiler and Mr. Hoffman noted that nSSP has been created, and the Standard Details are included into the I-710 project.

For the Bin List Item, it was noted by Mr. Ohlwiler that a Scoping Document may be forthcoming on the topic of “Prestressing Jack Calibration”. A follow-on discussion may also take place in the future regarding the application of Curing Compounds by the hand spray method. Mr. Ohlwiler also noted that changes to the specification related to Type III Cement was not desired by Industry at this time.

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 10th meeting.

- Change the rhythm for the Concrete TG 3+2 Meeting to take place only on Feb, May, Aug, and Nov.

Below is the brief summary of action items from the October 10th meeting:

Action Items from 10/10/13 meeting	Due Date	Responsible Person	Status



Post significant accomplishments for the Task Group Meeting onto the TG Website	9 Jan 2014	Bobby Petska	Pending
Participant Memo for the Keith Hoffman for the Precast STG	9 Jan 2014	Bobby Petska	Pending
Change TG Website and the TG Package to reflect Cornelis Hakim as the CIP Pavement STG Co-Chair	9 Jan 2014	Bobby Petska	Pending
Create an updated 2014 Calendar and distribute to TG for comment	9 Jan 2014	Bobby Petska	Pending
Provide examples of Mix Designs or Project EA information with aggregate test result discrepancies or concerns	16 Oct 2013	Craig Hennings	Pending
Conduct follow-on discussion regarding Mix Designs or Project EA information with aggregate test result discrepancies or concerns	30 Nov 2013	Bobby Petska/Dan Speer/Keith Hoffman	Pending
Recommend inviting the Chief of Project Management/Project Delivery (Jim Davis) to speak to Industry at the 30 October RPC Meeting.	16 Oct 2013	Concrete TG Co-Chairs	Pending
Conduct follow-on discussion regarding the closure of the Precast Pavement activity	9 Jan 2014	Concrete TG Co-Chairs	Pending
Invite Keith Hoffman/Mark Hill/Mike Lee to 12 November Early Age Cracking discussion meeting	1 Nov 2013	Craig Hennings/Cornelis Hakim	Pending
Obtain Early Age Cracking report and discuss at future meetings	9 Jan 2014	Keith Hoffman	Distributed on 7 November