

Concrete Products Task Group Meeting Minutes

July 11, 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.

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

The Participant Memo for Cornelis Hakim was signed at this portion of the meeting.

Green Sulcrete was discussed also at this point of the meeting. It was noted by Mr. Stickel and Mr. Hill that they had not been contacted by Green Sulcrete representative Mr. Biamante since the 1 May CalCIMA meeting. Mr. Rea indicated that they would be open to having another presentation on this topic at future Industry meetings.

4. “State of the Industry” Address

Mr. Stickel indicated that activity is currently steady, but may be thinning in the near future. Recent funding reduction measures may be a cause.

Mr. Speer discussed with Industry the updates to Buy America requirements related to MAP-21, and how this will affect the utility work on various projects. More discussion is set to take place within CT and amongst other Agencies on this topic in the future.



Mr. Rea indicated that the CalcIMA Annual Conference is scheduled for 10-13 November 2013. Topics from the RPC may be solicited for Presentation.

The ACI International Journal indicated in the July edition that 0.030 may be a requirement for Shrinkage in the near future. This would be a topic to discuss in coming meetings.

5. General Discussion on New Topics

Mr. Hennings brought up the topic of the Ternary Mix Design workshop that took place on 27-28 June. The workshop had participation from FHWA and various other entities in Industry.

One of the topics discussed at the workshop was how quality improves with ternary blends. The improvements related to reduced Shrinkage, and a topic of incentive was also discussed related to the use of SCMs. Mr. Hennings argues that incentive may be one of the most effective ways to increase the use of SCMs thereby reducing greenhouse gases, while also allowing Contractors to assure quality.

6. Updates from Sub Task Group co-chairs

a. Precast Subtask Group

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

It was noted that Mr. Peterson-Self would no longer be the CT Co-Chair due to his recent appointment to a position in Geotechnical Services, and that a replacement would be decided upon in the near future.

“Precast QC”. Mr. Peterson-Self and Mr. Ohlwiler gave an overview of the activity and the discussions that took place at the Team Level. Regarding the final specification that was published for Section 90-4, Mr. Ohlwiler expressed displeasure over the final version. It was noted that discussions took place at the Team Level and the final specification was agreed upon, but the final published version was different. This last-minute change deviates from the RPC process. It was noted that there may be an opportunity to make changes to the final specification in the coming days. The exploring of various options was noted as an action item for the meeting.

“Precast Pavement”. Mr. Peterson-Self and Mr. Ohlwiler briefed the latest deliverables and performed a discussion of the ongoing Pilot Projects. Mr. Peterson-Self indicated that this activity would need to be extended to the end of 2014 based on the need to evaluate Pilot Projects and Lessons Learned. The documentation of the business processes and a potential Authorized System List may be desirable, similar to what occurs for Mechanically Stabilized Earth systems and their Pre-Approved products list. The creation of an updated scoping document for this activity was noted as an Action Item.

For the Bin List Item, no significant issues were noted, and no changes were proposed. It was noted that the ongoing efforts for the LRFD Updates to Drainage Inlet Standard Plans may need to be discussed in the future.

b. Concrete Materials/QA Subtask Group

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

“QCQA”. 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.

“Statewide Aggregate”. Mr. Hill and Mr. Petska brought up the recent schedule for the Statewide Aggregate Database effort. They noted that the Database has been received favorably. Mr. Ohlwiler states that there have been some ongoing issues with Industry submitting samples and CT indicating they have no EA to charge to. This has posed problems related to the completion of Audits, CT109 certifications, and AML testing submittals.

It was also noted that the activity’s construction phase is scheduled to be complete at the end of this month. It will be 100% complete by the end of July.

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

Mr. Rea 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.

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 would continue to gauge the need for each Bin List Item and priority.

c. CIP Pavement Subtask Group

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

“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. Mr. Speer indicated that a final report capturing the decisions for this activity is desired. Mr. Stickel indicated there is some confusion regarding the results of the activity, and some clarity is needed. It was noted a completion date for 20 September would be desired, and that the Final Report is being developed. The Task Group would also like the opportunity to review the Final Report and Final Specification update prior to 31 August.

“Rapid Strength Concrete for JPCP”. Mr. Hennings noted that review comments have been received on this specification, and the STG is currently updating. More discussion is to follow at the Team level as well. A 19 July final specification target date is still the goal for this activity.

“CRCP Design”. The draft standard plans and standard specification are under development, and review comments are currently being addressed. The goal is to complete the specification prior to 31 July.

“Bond Breaker”. The specification has been distributed for final approval. It is likely that this activity would be complete by the end of July 2013.

“Roller Compacted Concrete”. No significant updates, however the project team has held recent discussions on the activity. It was noted that there was desire to include other Agencies and Industry members along with Cemex in the activity. There is a desire to pursue contacts from other States as well. The activity is approximately 60% complete, and there is a targeted Pilot Project in District 7. The target completion date is 31 Dec 2013.

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.

7. 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 July 11th meeting.
N/A

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

Action Items from 7/11/13 meeting	Due Date	Responsible Person	Status
Garner resolution from Construction for the purpose of the changes to the Section 90-4 final specification	17 July 2013	Chuck Suszko/Bobby Petska/Precast STG Members	Pending
Distribute to TG for Final Review the Report and Executive Summary for the COTE Activity	20 Sept 2013	Amy Fong	Pending
Update Final Completion for QCQA Activity	10 Oct 2013	Keith Hoffman/Bobby Petska/Mark Hill	Complete
Update Final Completion for Recycled Concrete	10 Oct 2013	Keith Hoffman/Bobby Petska/Mark Hill	Complete
Update Precast Pavement Scoping Document to reflect updated Deliverables	10 Oct 2013	Mehdi Parvini	Pending
Update Bin List Priority for Materials/QA STG and determine which projects would be next in line	10 Oct 2013	Materials/QA STG Co-Chairs	Pending