

Concrete Products Task Group Meeting Minutes

October 9, 2014, 10:00am – 12:00pm, Translab Room 514, Structural Materials Annex

Attendees: Dan Speer, Nick Burmas, Ken Darby (for Chuck Suszko), Charley Rea, Kirk McDonald, Keith Hoffman, Deepak Maskey, Bruce Carter

Absent: Cliff Ohlwiler, Mark Hill

a. Welcome

Mr. Speer welcomed all the members of Concrete Products Task Group and thanked everyone for participating. The group went through a round of introductions.

b. Review of Agenda and Action Items from Last Meeting

The action items were reviewed from the previous 2014 Task Group meetings. No issues were noted.

Ken Darby was in attendance at today's meeting as a proxy for Chuck Suszko.

It was noted that there is an outside Materials Testing Task Force that is currently looking at Caltrans test result turn-around time and testing personnel certifications. This Task Force was set up in response to a Letter submitted by various Industry parties, with CalCIMA included in this Letter. Meetings will be taking place in the coming months to garner clarification on test result response and also on new standards for certification processes managed by an independent third party.

It was also noted there were no example mix designs that were rejected for lack of annual aggregate source testing information at this time. Industry noted that they would pass along any examples received in the coming weeks.

On the topic of the MPQP Updates tied to the Recycled Concrete activity and the response to the Industry "Coffman et al" Letter, it was noted by Construction that final approval is still pending. An action item was noted to provide an update on this document at upcoming meetings.

c. Housekeeping – Current Print Out Package, Participant Memos, 2014 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

d. “State of the Industry” Address

Mr. Carter and Mr. McDonald both indicated that Industry work is seeing low to moderate growth, and there appears to be minimal large scale projects on the agenda. Mr. Carter also noted that capital expenditures are high for various producers, due to delays in capital improvements from previous years.

Mr. Rea also presented the final approved RPC Charter at this point in the meeting. He noted that this was the product of much discussion at the RPC level, with the operational guidelines related to the process for updating Scoping Documents receiving much consideration.

e. Updates from Sub Task Group co-chairs

a. CIP Pavement Subtask Group

Mr. Maskey and Mr. Carter gave an overview of the current activities in the CIP Pavement STG.

For the “Flexural Beam Testing” activity, Mr. Carter provided an overview of the recent activities that have been taking place at the project team level. He noted that a survey has recently been developed to show the various manners in which pavement quality assurance is being performed within different agencies. Mr. Maskey also discussed the various groups that are involved in submitting responses to the testing surveys. It was noted that progress is well underway and that there will be updates to provide at Task Group meetings in the coming months.

For the “Dowel Bar Tolerance” activity, Mr. Carter noted that work is underway that will tie in with the Coefficient of Thermal Expansion study. Additional team meetings are set to take place on this activity in the coming days. An action item was noted to send a recent report related to the use of MIT Scan technology for Dowel Bar tolerance. It was noted that Quality Control during pavement placement may be useful to prevent misalignment to begin with, to prevent inconsistencies with testing equipment, and to help eliminate subjective evaluation issues.

It was also noted that there are several “Roller Compacted Concrete” pilot project activities underway at this time that utilize the final nSSP.

Mr. Carter expressed a desire that there be some research projects in conjunction with UCPRC related to the shrinkage specifications and Equation 2 in Section 90 of the Standard



Specifications in the coming months. Mr. Burmas briefed other work plans that may be ongoing within the UCPRC, such as the Alkali-Silica Reactivity report.

Mr. Carter also briefed ongoing Bin List items, such as the use of Volumetric Mixing equipment. More discussion on these topics will be taking place in the future.

b. Precast Subtask Group

Mr. Hoffman went through an update on all of the current Precast STG activities at this portion of the meeting.

The first item Mr. Hoffman discussed was the “Prestressing Jack Calibration” activity. He noted that project team meetings would be taking place in the coming days, and the draft specifications are being developed at this time.

For the “Precast Pavement” activity, Mr. Hoffman noted that the final version of the precast pavement specification has been developed. An action item was noted to route the final specification to the TG members for final approval.

Mr. Hoffman also briefed ongoing Bin List items, such as the use of ASTM C1567 for the evaluation of alkali-silica reactivity of combinations of cementitious materials and aggregate. An action item was noted to conduct additional discussion on this topic at the STG level, and add to the STG Bin List.

c. Concrete Materials/QA Subtask Group

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

Mr. Hoffman first discussed the “Shotcrete” activity. It was noted that project team meetings on this topic would be upcoming in the days ahead. He noted that the team will consider the 1/8” coarse aggregate specifications first, and will pursue other subtopics as part of this activity in the days ahead.

For “Recycled Concrete”, Mr. Hoffman gave an overview of the discussions at the most recent project team meetings. The new specification was completed pending final routing to stakeholders, and the batch plant endorsement for the MPQP was also routed. It was noted that the MPQP updates would still need to be finalized, and an action item was noted to follow up on the status of the approval.

For the “QCQA” activity, Mr. Hoffman briefed the latest deliverables on this activity. Mr. Hoffman briefed on the current Gantt chart, as well as recent subtopic developments. He noted



that a decision was made to establish Statewide implementation of the Specification by 1 January 2015. Mr. Hoffman also noted the updated specification is current undergoing review, and any additional comments would be addressed by John Lammers as the project team lead.

At this time, there was also a brief discussion regarding Mix Design number uniformity to allow for better long-term Data analysis via the Department’s DIME database. An action item was noted to continue discussion on this topic with Industry members of the Materials/QA STG in the coming weeks.

f. Roundtable Discussion, questions, and action items

Mr. Rea noted that there may be some need to address the reclaimed aggregate portion of the Recycled Concrete activity in the coming months. An action item was noted to add this portion of the activity to the Bin List for the Materials/QA STG.

An action item was also noted to distribute a draft 2015 RPC Calendar of events for comment.

Below is the summary of decisions made or consensus received during the October 9th meeting.

- No significant decisions were made at this meeting.

Below is the brief summary of action items from the October 9th meeting:

Action Items from 10/9/14 meeting	Due Date	Responsible Person	Status
Route the final Precast Pavement specification to the Industry Co-Chairs for final review and comment	8 Jan 2015	Nick Burmas	Pending
Provide update on the MPQP Document updates tied to the “Coffman et al” Letter response and the Recycled Concrete activity	8 Jan 2015	Chuck Suszko/Ken Darby	Pending
Update Roster for Concrete Task Group Members on the RPC TG Website	8 Jan 2015	Bobby Petska	Pending
Distribute the recent report for the MIT Scan Dowel Bar Tolerance results to the Task Group for information	8 Jan 2015	Bobby Petska	Complete



Add the Reclaimed Aggregate portion of the Recycled Concrete activity to the Materials/QA Bin List	8 Jan 2015	Bobby Petska/Keith Hoffman	Pending
Ensure Mix Design Number Uniformity and traceability for Cast In Place Concrete batch plants – Discussion to take place within the Materials/QA STG	8 Jan 2015	Keith Hoffman/Mark Hill	Pending
Add Precast Specification update for ASTM C1567 to the Precast STG Bin List	8 Jan 2015	Keith Hoffman/Cliff Ohlwiler	Pending
Verify routing of QCQA Specification to the Materials/QA STG and route to the TG once finalized at the Materials/QA STG	31 Oct 2014	Keith Hoffman/Mark Hill	Pending
Distribute the new draft 2015 RPC Calendar to the RPC Concrete TG	31 Oct 2014	Bobby Petska	Pending