

## Concrete Products Task Group Meeting Minutes

July 12, 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.

Several items that had been previously completed would be taken off of the Action Items listing, so as to eliminate clutter from the document.

### 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.

(Due to Mr. Ohlwiler's time constraints, the Precast Sub Task Group presented at this portion of the meeting.)

#### Precast Subtask Group

Mr. Peterson-Self went through a summary of the activities for the Precast STG.

Mr. Peterson-Self gave an overview of Activity #1, the "Precast QC" activity. He indicated that much progress has been made on the Technical Review of the Precast Specifications, as well as the "Tiers of Precast QC" updates that are being captured in Section 11. He indicated that the next project team meeting is scheduled for 31 July.

Mr. Peterson-Self included Mr. Parvini on the update of the "Precast Pavement" activity. Mr. Parvini indicated that the specifications and plans are close to complete, and that discussions are currently taking place at the team level on these items.



An action item was noted to update the Precast Pavement Scoping Document timeline to reflect any lag in specific deliverables.

Mr. Parvini also gave an update on the Design Methodology document, which is in its second draft at the current moment. A meeting to discuss the updated document and any necessary revisions will take place in August 2012. It was noted that the updated document would need to allow considerations for the substitution of different pavement types based on project-specific design requirements.

Mr. Peterson-Self next discussed the “Curing PC Piles” activity. He reported that the draft specification has been declared final at the STG level, and that the latest specifications would be routed to the specification personnel and the TG level for final approval.

Mr. Stickel requested an update on the “Precast Drainage Inlet” Bin List item. Mr. Peterson-Self and Mr. Hoffman indicated that a meeting took place on 27 June 2012 to discuss potential updates to the Project Plans for Precast Drainage Inlets. Various members from small and large Precast Fabricators were in attendance, as well as Caltrans specification and design personnel.

The Caltrans Design managers indicated at the meeting that they would work with Industry to ensure that there is no change in the size of the form work used in the fabrication of Precast Drainage Inlets. Mr. Peterson-Self reported that the meeting was beneficial and that more discussion would take place in the future to ensure that the questions from Industry are passed along during the Standard Plan review phase.

#### 4. “State of the Industry” Address

Mr. Stickel led off the discussion by stating that he believes discussions at the RPC level are currently healthy and that he’s pleased with the progress being made.

He did also provide a brief overview of upcoming projects that will be taking place in the Bay Area. He also indicated a major Industry concern is the funding forecast for 2013.

Mr. Rea next reported that he has been pleased with the RPC’s progress since the development of the newest RPC Charter. Mr. Stickel indicated that the development of Superpave specifications and procedures will be a high-visibility target in the coming months for Industry.

The group also discussed the three “new activity” Scoping Documents that were approved and placed in the newest approved RPC format. An action item was noted to route these new documents for signature.

#### 5. Review of Pavement Research Activity listing



Mr. Hoffman gave a brief overview of the latest Pavement Research-related items, which are the “ASR” and “Recycled Concrete” activities.

Mr. Hoffman gave a brief overview of the “Recycled Concrete” survey results, and presented for the group the various responses given for the use of Crushed Concrete and Returned Plastic Concrete. A synthesis report is being developed by research personnel based on these survey results, and is scheduled for completion by late-July 2012.

Research Statement documents will need to be sent to the appropriate channels for final approval by the end of July 2012. This was marked as an action item for the meeting.

## 6. Review of New Activities for FY12-13

The group went through a brief discussion on the new activities that have been scheduled and approved for the next fiscal year.

As mentioned before, an action item was noted to route the Scoping Documents that have been placed into the latest RPC format for signature.

## 7. Updates from Sub Task Group co-chairs

### a. CIP Pavement Subtask Group

Mr. Parvini provided updates related to the current CIP Pavement STG activities.

For the “COTE” activity, Mr. Parvini indicated that data is currently being evaluated and that standard specification changes are being investigated at the project team level. Test variation is being investigated as part of these potential specification changes.

A discussion ensued regarding the intent and the overall value of the “COTE” language inclusion in the Standard Specifications. It was noted that no data had been received thus far that exceeded the  $6.0 \times 10^{-6}$  inch/inch/degree Fahrenheit value of significance. It was also noted that data variation below this value is currently hard to discover based on the test method used, and that isolating variables may be desirable for the purpose of solving the variation problems previously mentioned.

More investigation may need to take place in the future regarding the affect adverse COTE testing results above the  $6.0 \times 10^{-6}$  inch/inch/degree Fahrenheit threshold may have on long-term performance of pavement. This might also result in changes in the activity scope.



Mr. Parvini next presented the “Roller Compacted Concrete” Scoping Document, and discussed the deliverables associated with the activity. It was noted that several comments within this Scoping Document still had not been addressed, in particular the updating of internal policy documents. It was expressed that RPC Co-Chair Scott Jarvis wanted the Scoping Document to identify the efforts involved with changing internal policy documents, such as the OSMPP or Highway Design Manual. More development is set to take place on the specifications associated with this activity, as well as the guidance documents and Highway Design Manual updates that may result. This was noted as an action item for the meeting.

Mr. Parvini next discussed the “Bond Breaker” activity. He indicated more discussion would be taking place on this activity at the project team level in the coming weeks. It was noted that the Task Group Activity Tracker did not have an accurate percent complete for this project, as well as several others. An action item was noted to update the status for the CIP Pavement STG.

During this period of the meeting, the Task Group relayed the difficulties with accessing the Pavement Database from outside of Translab. It was noted that the Database could not be accessed from outside of Translab, and that it had to be used with Novell software. There is also an error message that intermittently appears when the “VOL3” folder is clicked per the instructions. Mr. Parvini indicated that these comments would be passed along to his unit.

#### b. Concrete Materials/QA Subtask Group

Mr. Hoffman gave an overview of the activities listed in this STG.

Mr. Hoffman first discussed the “Structural Concrete QCQA” activity and provided a general status of the deliverables. Mr. Speer also provided an update and indicated that District 11 is interested in using this specification for an upcoming project.

A brief overview was also provided on the specific deliverables related to the activity, namely the Pilot Project designation, the ACI Training for Staff, and the CT Independent Assurance Manual revisions. No significant issues were noted, and progress continues.

Mr. Hoffman then gave an overview of the DIME Database that will be used in conjunction with the “QCQA” and “Statewide Aggregate” activities. The group was presented the XML schema language and a brief overview of the database characteristics. Outreach is currently ongoing for this effort.

Mr. Hoffman continued the discussion of the “Statewide Aggregate” activity, and indicated that project team meetings will continue in the coming weeks.



Mr. Hoffman next gave a brief overview of the “Update Construction Manual” activity. No significant issues were noted during the discussion. It was noted that the completion date for this activity was past due, and an action item was included to review the “Update Construction Manual” Activity and adjust the deadline to reflect the most current timeline.

Mr. Hoffman also discussed the “Recycled Concrete” activity and the work taking place in conjunction with the Pavement Research Personnel. He indicated that the project team will continue to work in conjunction with Pavement Research personnel and are awaiting the Synthesis Report to be provided. An action item was noted to schedule a meeting with the research personnel as soon as the Survey Synthesis Report draft was completed.

During the Bin List discussion, it was noted that the STG would contact the NCHRP research team regarding performance based concrete specifications, and would gather an updated information that was provide. This was noted as an action item for the meeting.

## 8. 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 12<sup>th</sup> meeting.

1. Participant Memos were signed for new roles and new members. These memos were for Mr. Peterson-Self, Mr. Hoffman, Mr. Huynh, and Mr. Friedman.

Below is the brief summary of action items from the July 12<sup>th</sup> meeting:

<b>Action Items from 7/12/12 meeting</b>	<b>Due Date</b>	<b>Responsible Person</b>	<b>Status</b>
Update the Precast Pavement Scoping Document Timeline to reflect the most current schedule.	31 July 2012	Jeremy Peterson-Self/Mehdi Parvini	Complete; Review comments to be discussed at next Project Team MTG
Route the most recently approved Scoping Documents for Signature to the appropriate parties.	31 July 2012	Bobby Petska	Complete; Routed on 13 July 2012



Route the Pavement TAP research statements to the appropriate channels for final approval and tracking	31 July 2012	Bobby Petska	Complete; Routed on 13 July 2012
Ensure that the Pavement TAP research personnel have completed the summary report for the surveys by the 31 July 2012 deadline and incorporates all necessary information	31 July 2012	Jinesh Mehta	Complete
Contact NCHRP research team regarding performance based concrete	31 Aug 2012	Jinesh Mehta	Under development
Provide updates on the Roller-Compacted Concrete Scoping Document to capture efforts associated with updating internal policy documents	31 Aug 2012	Bill Farnbach/Mehdi Parvini	Complete
Review the "Update Construction Manual" Activity and adjust the deadline to reflect active timeline	31 Aug 2012	Chuck Suszko/Ken Darby	Complete
Update the progress complete percentages on the CIP Pavement STG tracker	31 Aug 2012	Mehdi Parvini	Complete