

PMPC Concrete Task Group (TG+STG Chairs/Leads) Meeting Minutes

Date: June 9, 2021

Time: 10:00 AM – 12:00 PM

Location: Webex/Conference Call

Facilitator: Keith Hoffman

Attendees: George Butorovich, Bruce Carter, Dulce Feldman, Nathan Forrest, Mark Hill, Keith Hoffman, Kuo-Wei Lee, Deepak Maskey, Doug Mason, Samir Ead (for Ken Solak), Don Vivant, Chu Wei, Kelly Lorah, Joshua Moore, Mohamed Abdelbarr

Not in Attendance:

1. Introductions/Review Agenda/Past Action Items – See bottom of minutes for updates
2. Introductory Urgent Issues
 - a. George – Concrete contractors are struggling with the difference in how the specifications (sections 40, 41, & 90) are being interpreted between the districts. Charles Stuart is going to send a letter to set up a meeting to standardize the information among the districts. This was an unexpected issue brought up by the group and this is just an introductory discussion. More discussion is needed to edit the specs, but this does seem like a PMPC issue to resolve.
 - b. Kuo-Wei – The department has been asked to look into micro-trenching for broadband. Tom Pyle is working with Shaila on the document to contact other divisions.
 - c. Samir – We're having issues with pavement acceptance, but it's not open to traffic approved. There was an ongoing claim issue.
3. Concrete Pavement Updates
 - a. Pavement Smoothness
 - i. Dulce – Deborah and I have been getting the data for the IRI analysis in PPF format. We're working on getting the spreadsheets. There are issues on importing data from the PPF format. Some REs are sending the data appropriately, but some REs are not. Caltrans needs to work on getting consistency and/or training.
 - ii. Dulce – We're on time to meeting our reporting milestone.
 - iii. Dulce – Allen King and I want to make a smoothness RSS.
 - b. Pavement Acceptance Based on Compressive Strength
 - i. Dulce – We have a drafted spec. The compressive strength numbers will be determined based on the flexural strength.

- ii. Keith – We're going to put this in the report. If this is on the final output for the WG.
 - c. Maturity to Estimate Open to Traffic Strength
 - i. Dulce – Deepak is the lead on this. We have the spec draft cycling through the WG and FHWA. We are going to meet tomorrow to finalize. We're on track to deliver by the end of the month.
- 4. Foundation Updates
 - a. Replace R-Value Testing for Unbound Materials
 - i. Deepak – We had a meeting on 06/03. We have divided the work to meeting Milestones 1 & 2.
 - b. Replace Compaction Method to Determine the Application Rate of Lime for Soil Stabilization
 - i. Deepak – We are doing the same thing as R-Value Testing so far in this group.
 - c. Lime, Cement, or Cement-Kiln Dust Modification of Pavement Foundation
 - i. Deepak – To limit the need for more testing, we could have a simple edit to section 24.
 - ii. Don – This is an innocuous change and wouldn't trigger many changes.
 - iii. Keith – This may be a candidate for using a decision document.
- 5. M&QA Updates
 - a. Type 1L Cement
 - i. Josh – OSU provided their draft final report and presentation. The WG met several times to discuss whether to put the PLC changes into the corrosion portion of section 90. After looking at other states and OSU report, they determined to make the changes to corrosion spec. It has been routed to CTG for approval. We need a quick turnaround to get it into the October RSS.
 - b. Tracking Concrete Mix Designs
 - i. Josh – The WG met on 05/27. We met with John O'Mara to discuss how this would be imported into DIME.
 - c. Allowing Blended SCM
 - i. Josh – The WG started Milestone 1. The scoping document was recently approved by the EC.
 - d. Performance-Based ASR Testing
 - i. Josh – They're working on the early stages on this as well.
 - e. 4x8 Cylinders (Informational Only)
 - i. Josh – They're working on making changes for the various manuals. This shouldn't delay progress.
- 6. DES Concrete Technology Committee

- a. Crackless Bridge Deck and Approach Slabs
 - i. Josh – They’re tracking the projects.
 - ii. Keith – I think this is going to come through the Bridge Preservation Committee. We’ll reach out.
 - b. Corrosion Specification
 - i. Josh – Industry members are being added to this to help. Hamed and Mike are researching ACI publications and modeling software from other states and are proposing spec change language.
 - c. Report on SCMs Supply and ASTM/ACI
 - i. Josh – We’re working on task 5. We’re looking to get it out this week for review to address comments by the end of the month.
 - 7. Review of Bin List/Scoping Documents
 - 8. Roundtable / Review Action Items / Next Meeting
 - a. Chu – We have a FHWA Materials database. You’re welcome to check it out: <https://infopave.fhwa.dot.gov/InfoMaterials>
We’re busy with workshops, risk assessments, and program analysis.
 - b. Mark – A contractor was required to use eTicketing for a pilot project.
 - i. Samir – I will look into it.
 - c. Mark – Shipping may get tight. It’s hard to get a ship right now, partially due to COVID restrictions.
 - d. Kuo-Wei – Charley Rea is wondering why pilot projects are taking so long.
 - i. Dulce – Charles Stuart is discussing with Charley about the particular occurrence.
 - e. Keith – Josh, you are doing a fantastic job.
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Action Items from 06/09/21:

- 1. Talk with Charles regarding differences between spec interpretations - Keith
- 2. Discuss the subject of the differences between spec interpretations in the EC meeting next week – Keith – 06/17/21
- 3. Look into the spreadsheet usage and consistency of usage for Pavement Smoothness; training may be needed – Ken
- 4. Get most recent STG bin lists from chairs – Kelly – 06/14/21

Action Items from 03/10/21:

- 1. Look into to having presentation by OSU to be available to DES, SC, SC Concrete Committees, and CTG – Patrick – **Complete**
- 2. Get a list of bridge decks that have cracking – Patrick – They do not check bridges that are doing well; only the ones that are not – **Complete**

3. See if industry members are interested in joining the Corrosion specification – Patrick – **Complete**
4. Get status updates from STGs for EC meeting – Kelly – 03/18/20 – **Complete**

Action Items from 12/09/20:

1. Set up meeting with all stakeholders to discuss SCM, either short-term or other options – Dominika – January – **Complete**

Action Items from 11/10/20:

1. Send out the list of impacted (by flyash shortage) projects – Patrick/Kelly – 11/17/20 – **Complete**

Previous Action Items:

1. Send new dates for Concrete Mix Design to Cortney – Nathan/Brett – 6/12/20
2. STGs to develop revised bin lists and submit to CTG – STGs – 8/21/20
3. Send revised PCP Phase III scoping document to CTG – Dulce – 6/10/20
4. Look at CT 523 data exchange availability – Ken – 6/19/20