

PMPC Concrete Task Group (TG+STG Chairs/Leads) Meeting Minutes
Date: December 8, 2021
Time: 10:00 AM – 12:00 PM
Location: Webex/Conference Call

Facilitator: Keith Hoffman

Attendees: Mohamed Abdelbarr, George Butorovich, Bruce Carter, Dulce Rufino Feldman, Nathan Forrest, Joe Harline, Sarah Hartz, Mark Hill, Keith Hoffman, Kuo-Wei Lee, David Lim, Deepak Maskey, Doug Mason, Joshua Moore, Ken Solak, Don Vivant, Chu Wei, Kelly Lorah

Not in Attendance:

1. Introductions/Review Agenda/Past Action Items – See bottom of minutes for updates
2. Introductory Urgent Issues
 - EC Meeting next week – send agenda items to Doug
 - a. Keith – We're working on a decision document to create guidance / training for continuously reinforced concrete pavement (CRCP).
3. Foundation Updates
 - Replace R-Value Testing for Unbound Materials
 - Unconfined compressive strength (UCS) test for cohesive materials
 - Confined compressive strength (CCS) for granular materials
 - a. Deepak – Industry is looking for an existing ASTM that can be used. This would require testing.
 - Replace Compaction Method to Determine the Application Rate of Lime for Soil Stabilization
 - Use modified proctor hammer
 - a. Deepak – The WG decided to use modified proctor hammer. The ASTM this is referring to is withdrawn. We need to either alter our test method or use the language from the ASTM.
 - Lime, Cement, or Cement-Kiln Dust Modification of Pavement Foundation
 - Decision document will be used.
 - a. Deepak – We're waiting on the decision document.
 - b. Champions: Marco Estrada & Deepak Maskey
4. M&QA Updates
 - Tracking Concrete Mix Designs
 - Milestone 2 in progress, no major update.
 - a. Joshua – They're still working on Milestone 2.

- b. Keith – We proposed moving John O’Mara to address questions for DIME.
 - Allowing Blended SCM
 - Comments on DRAFT Specs being implemented. Upcoming meeting to discuss.
 - a. Joshua – They’re ahead of schedule.
 - Performance-Based ASR Testing
 - WG could not reach an agreement on the scope and direction of spec revisions related to minimum SCM content. WG will submit a status report to STG.
 - a. Joshua – The WG sent the status report this morning. It will be routed to the STG.
 - b. Nathan – We will schedule a meeting with the STG to discuss.
 - Impact of PLC on Concrete Performance (Type 1L Cement)
 - Final report approved by WG and STG, sent for distribution to CTG.
 - a. Joshua – The comments were implemented.
 - Standard Specification 90-1.02H Concrete in Corrosive Environments
 - Final comments being implemented on scoping document.
 - a. Joshua – Concurrence should be received today for the final scoping document.
 - Neoprene Cylinder Capping Decision Document
 - Draft decision document under review.
 - a. Joshua – The STG is reviewing the draft decision document.
5. Pavement
 - Dulce – We are almost done with the Concrete Overlay short scoping document and the Reconciling 40-1 to RSC and Combining Random and Continuous Applications short scoping document and have draft full scoping documents in development.
 6. Caltrans Concrete Related Research and Spec Development
 - a. Refer to Concrete Related Research and Spec Development – December 2021
 7. Crackless Bridge Deck Failures
 - No changes from last meeting
 8. Pilot Project Tracker Sheet
 - a. Keith – Pavement may have a database that would be functional. This is still in a work in progress.
 9. CP-2 Research
 - a. David – A presentation is developed for further information. I will send it out to everyone.
 10. Review of Bin List/Scoping Documents
 11. Roundtable / Review Action Items / Next Meeting

Action Items from TG+STG Chairs/Leads Meeting on 12/08/21:

1. Invite John O'Mara to CTG (TG+STG Chairs/Leads) meetings as chair of WG (Joe will be moving to M&QA chair permanently) – Kelly

Action Items from CT Only Meeting on 11/19/21:

2. Send short summaries (benefits; why it is successful) on Comprehensive Strength, Using Maturity Method, Smoothness to Ken for the PMPC Winter Workshop – Dulce – 11/15/21

Action Items from TG 3+2 Meeting on 10/13/21:

1. Ask Hamed to send out prioritization of research list to Ken, Mark, and George and confirm prioritization numbers – Keith
2. Follow up on Decision Document Guidance comment request – Kelly
3. Book meeting for comment resolution – Kelly
4. Add Update on CP-2 Research (20 mins) to agenda on next TG+STG Chairs/Leads meeting (12/08) – Kelly

Action Items from TG+STG Chairs/Leads Meeting on 09/08/21:

- Caltrans Concrete Related Research and Spec Development
 1. Populate more under the CP-2 heading – Kuo-Wei – **Complete**
 2. Get Bridge Deck and Roadway Patching document (reach out to Reimond Garcia) – Joshua/Joe – **Complete**
 3. Populate more under the UHPC heading (reach out to Christopher Long) – Joshua/Joe – **Complete**

Action Items from CT Only Meeting on 08/10/21:

1. Have Joe send the Carbon Cure report to everyone – Jackie
 - a. 12/08/21: This is on hold pending Carbon Cure data/information

Action Items from TG+STG Chairs/Leads Meeting on 06/09/21:

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