

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

**Date: September 8, 2022**

**Time: 10:00 AM – 12:00 PM**

**Location: Webex/Conference Call**

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Facilitator: Keith Hoffman

Attendees: Keith Hoffman, Charles Stuart (for Bruce Carter), Chu Wei, Don Vivant, Dulce Rufino Feldman, Deepak Maskey (for Kuo-Wei Lee), Mark Hill, Deepak Maskey, Ian Sun Chee Fore, Nathan Forrest, John O'Mara, Joe Harline, Joseph Dongo, Kelly Lorah

Not in Attendance: George Butorovich

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1. Introductions / Review Agenda / Past Action Items – Action item notes are at the bottom of the minutes
2. Introductory Urgent Issues
  - CTG Briefing Document for Steering Committee (Kelly)
    - a. Will send out after the meeting for input.
3. Concrete Pavement
  - Full Scoping Document: Improvement of Concrete Pavements with Rapid Strength Concrete
    - a. This document and the following 3 documents were received Monday night and will be formatted/initial reviewed and sent for CTG approval later today or tomorrow.
    - b. The evaluation portion has been removed at the EC's request. This document was held up due to being sent to 3<sup>rd</sup> parties for comment.
  - Short Scoping Document: Concrete Pavement Specified by Fixed Value of Compressive Strength
    - a. This document will determine a single value of compressive strength in lieu of flexural strength.
  - Decision Document: Surface Skid Resistance Test for Concrete Pavement Acceptance
    - a. This document is to revise the friction language of section 40 for pavement.
  - Decision Document: Dowel Bar Assembly Tie Wires
    - a. This document is to eliminate cutting the tie wires as a requirement in section 40.
4. Foundations
  - Replacing Compaction Method to Determine the Application Rate of Lime for Soil Stabilization

- a. The final report was resubmitted to the CTG for approval.
  - HIATUS: Replace R-Value Testing for Unbound Materials
    - a. Still on hiatus. The WG is working with UCPRC on testing. Industry is participating.
  - Tentative Short Scoping Document: Low Nuclear Density Gauge Investigation
    - a. The STG decided to work on this after the lime or cement decision document is complete. The CTG would like to have this worked on simultaneously, aka, more done quicker.
  - Decision Document: Lime or Cement Modification of Pavement Foundation
    - a. The language has been developed.
5. M&QA
- Tracking Concrete Mix Designs
    - a. They revised the scoping document. It will be sent to the CTG for review soon. Most milestones are complete or near completion.
  - Blended Supplementary Cementitious Materials
  - Revised Scoping Document: Performance-Based ASR Testing for Non-Innocuous Aggregate
    - a. It is out for review by the CTG.
  - Short Scoping Document Phase: Concrete in Marine Environments
    - a. This is being revised for EC needs to be approved by the STG and CTG.
  - Decision Document: Neoprene Cap
    - a. Implementation is complete!
  - MQ&A Bin List
    - a. Performance-Based specifications items should be grouped together, have a workplan developed and make separate scoping documents for major steps. A workshop should be created to start the process.
    - b. A workshop to create the workplan has been scheduled for 10/05.
6. DES Concrete Technology Committee
7. Review bin lists / scoping documents
8. Roundtable / Review Action Items / Next Meeting
- a. Mark – What qualifies as a source change for aggregates?
    - i. Even small changes to aggregate are considered a source change. A different source is a source change. A different SMARA number is a source change.
  - b. Chu – FHWA published the [first success story about the Mobile Concrete Technology Center](#).
  - c. Joseph is now permanent!
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**Action Items from TG+STG Chairs/Leads Meeting on 09/08/22:**

1. John – Send definition of aggregate source change to Mark
2. CTG and Friends – Develop a workplan for Performance-Based Specifications

**Action Items from TG+STG Chairs/Leads Meeting on 06/09/22:**

1. Find and route final report for Replace Compaction Method to Determine the Application Rate of Lime for Soil Stabilization to the CTG – Kelly
2. Update bin lists, reprioritize, and submit to Kelly for CTG approval – 06/17 – STGs
3. Approve updated bin lists – 06/30 – CTG

**Action Items from TG 3+2 Meeting on 04/22/22:**

1. Develop a short scoping document on CRCP training; specify what the training will address – Dulce
2. Work through the remainder of the Contractor Priorities and update the bin list – Dulce and Industry

**Action Items from TG+STG Chairs/Leads Meeting on 03/11/22:**

1. Cause a meeting to occur between Keith, Kuo-Wei, Deepak, Don and Kelly to discuss document – Kelly
2. Ask Doug on the status of the SOP update – Kelly
3. Obtain and send documentation to be reviewed prior to the impasse meeting – Kelly
  - a. Cause a meeting to occur to discuss the Performance-Based ASR impasse – Kelly
    - i. 06/09 - There is a meeting set to occur on 06/10 to clarify language of impasse resolution.

**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