

PMPC Executive Committee/Concrete Task Group Meeting Minutes

Date: March 19, 2020

Time: 8:30 am-10:00am

Location: Auditorium, Translab, 5900 Folsom Boulevard, Sacramento

Facilitator: Sergio Aceves

Attendees: Sergio Aceves, Doug Mason, Kuo-Wei Lee, Keith Hoffman, Ken Solak, Cortney VanHook

By phone: Ray Hopkins, Brandon Milar, Che Wei, Charley Rea, Dolores Valls, Kirk McDonald, Mark Hill

1. Introductions/Review Agenda

- I. Sergio thanked group for meeting under the uncertainty of COVID-19 and stated we will be utilizing the phone bridge and social distancing for the foreseeable meetings.

2. Action Items from 12/19/2019 PMPC EC + CTG meeting (All):

- I. Doug to poll the ATG and CTG members for potential changes or edits to the PMPC SOP or charter at the end of January. Look to have revisions in place by next fiscal year. (Doug) Email sent out, only 2 group has replied. **Will extend deadline a month, Ongoing**

3. Introductory Urgent Issues (All):

- I. CTG has proposed changing industry membership in the Materials and QA Subtask group by replacing Pete Conlin with Katha Redmon. . The **EC approved change in membership.**

4. CTG Work Products

- I. Evaluate the Revised Concrete Pavement Smoothness Specifications (Kuo-Wei Lee):
 - a. Working group is still waiting for construction data to come in for smoothness evaluation.
 - b. 15 projects awarded with 6 more targeted for award by June 20.
 - c. Ken S: Construction is working on moving forward with a CPD for both asphalt and concrete smoothness.
- II. Precast Concrete-Phase II Enhance Jobsite Quality (Kuo-Wei Lee):
 - a. Specification is at 75% and expected to be complete by June.
 - b. Are members participating now that weren't before? Yes, some members are.
- III. Use of 4x8 Cylinder or Compressive Strength Testing (Keith Hoffman):
 - a. Final report is being reviewed by CTG. CTG concurs with final report at meeting.
 - b. Keith is working on purchasing equipment needed for the labs such as jigs, stingers, sulfur caps, 4 x8 molds, and rods.
- IV. Concrete Mix Design Naming Protocol (Keith Hoffman):
 - a. Specifications are currently in review with SP&I's. We have had several acting office chiefs for SP&I and may have affected the schedule for review.
 - b. Targeted for submittal to Office of Construction Contract Standards for the June posting.
- V. Recycled Crushed Aggregate of use in Cast In-Place Concrete Pavement (Kuo-Wei Lee):
 - a. Specifications are developed and circulating through WPG for comment.
 - b. Draft Specifications focusing on 2-lift option.
 - c. Meeting is set up for concrete producers and cast in-place contractors to capture their comments on draft specifications. Meeting is set for March 24.
- VI. Specifications for Concrete Pavements with Limited Construction Windows (Kuo-Wei Lee):
 - a. Milestones are complete. The work product has been moved to the closed/tracking list.
 - b. Division of Construction working on memo to change Construction manual.

VII. CT 523 Method of Testing for Flexural Strength of Concrete (Keith Hoffman):

- a. Construction Policy Directive was posted 1/23/2020.
- b. Buying equipment needed for the test and notifying REs of the changes.

Question came up on if the COVID-19 issues (restricted meetings/travel, social distancing, teleworking, etc.), is it going to affect deadlines for our PMPC work products? Sergio's response is yes, it will and is.

Industry: Has some concerns with the MPQPs, their re-certs and whether it is going to be affected by the coronavirus due to teleworking or order to stay at home. Ray H: Caltrans will extend dates for MPQPs if we must.

5. Review of Bin List (Keith Hoffman):

- I. Sub task groups are working on their bin lists.
- II. Type 1L research is getting some preliminary information and STG is working on developing the full scoping document which is in review.
- III. Items 2,3 and 5 have been submitted as short scoping documents for EC approval.
- IV. Precast tolerances may be removed by STG after new bin list is generated.
- V. Item 7, allow use of blended SCMs was moved down the bin list in priority due to the Task Group felt Type 1L concrete was more sustainable than blended SCMs for the department.
- VI. Item 8, Best Practices for Designing Long Life Concrete Pavements. **Kuo-Wei is to review scope of work with Dulce on the proposed task.**

6. Review Short Scoping Documents:

- I. Precast Pavement Phase III: Installation Guide for Precast Concrete Pavements
 - a. EC had some concerns over time frame (3 years is too long)
 - b. **EC directs STG to move forward with full scoping document for Precast Pavement Phase III with a change to time frame to 1-2 years instead of 3 years.**
- II. Concrete Pavement Acceptance Based on Compressive Strength
 - a. **EC moves to accept concept and STG can submit full scoping document for approval.**
- III. Evaluating Maturity to Estimate Open to Traffic Strength of Concrete Pavement
 - a. Ken S: Feels the title should be Validate Open instead of Estimate Open
 - b. Keith H: We had some problems on other job with maturity meters. Not really sure if the effort is worth it. Concept is good in theory but not in practicality, but he thinks Caltrans should develop specification and do pilots.
 - c. **EC moves to accept concept and STG can submit full scoping document for approval.**

7. Round Table:

- I. Ken S: Construction is looking at using the specification language from the volumetric mixer specification to look at changing the certification testing from every 30 day to 90 days or even 180 days after exploring that option in a pilot project with a pilot specification.
- II. Ken S: Certification of plants, construction will be extending the certifications if expiring soon thru April. Construction is still working on issues for plants shut down longer than 4 months.
- III. Kirk M: With the COVID-19 issues, are there any limitations on the working groups or subtask groups with using GotoMeetings? No, Caltrans staff is being encouraged to use WebEx, GotoMeetings, Phone Bridges, Video Conferencing, etc.) to carry on with work duties under the COVID-19 guidelines.

8. Decisions made/Approvals given by EC:

- I. EC approves change in membership in Materials & QA STG of Katha Redmon.
- II. EC directs STG to move forward with full scoping document for Precast Pavement Phase III with a change to time frame to 1-2 years instead of 3 years to be signed and approved.
- III. EC concurs with short scoping document concept for Concrete Pavement Acceptance Based on Compressive Strength and STG can submit full scoping document for approval.
- IV. EC concurs with short scoping document concept for Evaluating Maturity to Estimate Open to Traffic Strength of Concrete Pavement and STG can submit full scoping document ready for approval.

9. Action Items

- I. Kuo-Wei is to review scope of work with Dulce on the proposed task, Best Practices for Designing Long Life Concrete Pavements.
- II. Ken to send update on Caltrans' MPQP effort in next week. (Ken Solak) Completed