

# PMPC Executive Committee (EC) Meeting Minutes

Date: August 19, 2021  
Time: 10:00 am-12:00 pm  
Location: Webex Meeting

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**Facilitator:** Shaila Chowdhury

**Attendees:** Shaila Chowdhury, Douglas Mason, Raymond Tritt, Charley Rea, Brandon Milar, Tim Greutert, Gudmund Setberg

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## 1. Call to Order

- I. Shaila reviewed the agenda with the group.

## 2. Action Items from 7/15/2021 EC meeting:

- I. Doug to poll members for changes in the SOP. (Doug) Ongoing
- II. Finalize tracking system. (Shaila & Tom) Had discussion in previous meeting, ongoing as they finalize the document.
- III. Doug to send out email when the meeting minutes are posted. Like a Listserv. (Doug) Ongoing

## Action Items from 6/17/2021 EC meeting:

- I. Ray to take the issue paper back and start effort to reduce the test turnaround times. (Ray) No update, we are having conversations on test turnaround times. Caltrans does not track test turnaround times. This will be a longer process and will keep people in the loop.
  - a. Update: Ken is putting together a plan and talking with Charlie.
    - i. Charlie: I haven't spoken to him since the proposal.
  - b. Brandon: Key tracking form for testing projects, are they still doing this?
    - i. Ray: Will check into, not sure. It did have dates and times for testing when they were turned in, just not sure if construction is still the using the form or the data from it.
    - ii. Tim: Ray, I sent you some stuff from DIME on turn around times, was this data beneficial?
      1. Ken is looking into the data submitted.
- II. Brandon will get more information on the pavement jobs that were placed with the 10% RAP in the HMA. (Brandon) Don't have the EAs for the projects but 10% RAP with RHMA was placed. Have the test data for the four projects and were they added to the tracking sheet?
  - a. **Action Item: Coordinate with Tom to make sure EAs for RAP 10% is included in tracking sheet.**
- III. Tim to set up meeting with Dara, Shaila, and Ray to discuss an Innovation Workshop at UC Davis Conference Center. (Tim) We need to have a conversation with Sergio on planning a conference with funding for next year. Budget proposal for conference in by January 10 for funding for next year. Can do a Webex or Virtual Zoom meeting for this year.
  - a. Is there a way to do a hybrid meeting?
  - b. Charley: Need to involve more of industry in this effort, just a small group of people involved in PMPC.
  - c. Update: Fall PMPC meeting planned most likely in November or December. Need to reserve a date and start planning the sessions.

## Action Items from 5/20/2021 EC meeting:

- I. Tim to follow up with fly ash supply group for an update to the EC at next meeting. (Tim) Things are on track, report due July 1. Final report sent to EC on July 21. Completed
  - a. Tim: Did industry have any comments on the fly ash report?
  - b. Charlie: Didn't really have a conclusion on quantitative results. It just listed options with pros and cons with no recommendation.
  - c. Tim: What is the assessment in how often the fly ash supply should be reviewed?
  - d. Charlie: Maybe a little more frequently than the last report, sly ash shortage just not an issue this year.
- II. EC recommends adding the Caltrans mission, vision, and goals to presentation workshop for PMPC members in fall workshop. Topics such as equity, GHG, collaboration and communication. Need to

acknowledge team efforts and push for collaboration of teams to deliver a successful product. (Doug) Ongoing.

- III. Brandon and Tim to get together to draft a workshop agenda to present at the next EC meeting. (Brandon and Tim) Completed and ongoing

#### **Action Items from 3/18/2021 EC meeting:**

- I. EC to keep pressing to ensure the pilot projects are completed for the work products. (All) Ongoing

#### **3. Urgent Issues**

- I. Brandon: There was some recent latex shortages reported to construction, related to modified emulsified asphalt products for paving products such as slurry and micro surfacing treatments. Right now, it is on a project by project basis. There are some delays with materials, but no guidance is needed.

#### **4. Work Products and Bin List – Attachments 2, 3, 4, & 5:**

##### **CTG Work Products**

- I. Evaluate the Revised Concrete Pavement Smoothness Specifications:
  - a. Working group has not received any Payment Adjustment Spreadsheets for Smoothness (PASS) yet but have created a template to analyze the data. They have analyzed some data from older projects. We are continue working with industry and REs to receive missing PASS.
- II. Tracking Concrete Mix Designs in DIME:
  - a. Working group met recently and finalized a list of required information and test data. Working to finalize milestone 1 for submission to STG and DIME
  - b. Tim: Does industry have any concerns with this effort?
    - i. Charlie: Like this alternative better than previous method but this is not an industry issue or concern. It is a Caltrans item that we know is important to you.
- III. Concrete Pavement Acceptance Based on Compressive Strength:
  - a. The final report was complete and submitted to the CTG. In addition, mandatory concurrences were received for the specification language and the publication request package was submitted to OCCS for publication in July 2021 and implementation in October 2021. This product is considered completed and will move to the closed tracking list.
- IV. Evaluating Maturity to Estimate Open to Traffic Strength of Concrete Pavement:
  - a. The final report was complete and submitted to the CTG. In addition, mandatory concurrences were received for the specification language and the publication request package was submitted to OCCS for publication in July 2021 and implementation in October 2021. This product is also considered completed and will move to the closed tracking list.
  - b. Will there be tracking the improvements through projects? More like efficiencies to construction schedules than pavement performance.
- V. Portland Limestone Cement (PLC) on Concrete Performance:
  - a. Work continues on with Milestone 4. Working group (WG) met with cement lab and CMTB chief regarding the Authorized Material List (AML). Group is planning to post guidelines online in early August and start accepting PLC samples for testing. Also reviewing Caltrans documents to propose any needed revisions to adopt PLC. So far, the Highway Design Manual, IA Manual, QASI Manual, Construction Quality Assurance Program Manual have been reviewed so far.
  - b. Tim said he has started receiving limestone for the AML.
- VI. Performance Based ASR Mitigation:
  - a. WG will continue working on Milestone #2. Industry members will follow up more on the state level policy and directions on sustainability measures. On track and on schedule.
- VII. Blended Supplementary Cementitious Materials (SCMs):
  - a. Milestone 1 is complete. Working group meeting to discuss initial findings/questions regarding creating a validation/verification procedure.
- VIII. Replacing the Compaction Method to Determine the Application Rate of Lime for Soil Stabilization:
  - a. Milestone #1 complete, working group is 40% on milestone #2. On track.
- IX. Replacing the R-Value Testing for Unbound Materials with an Alternate Test Method:

- a. Working group reviewed test methods and other State DOTs specifications, and performed detail research on four State DOTs (Arkansas, Colorado, Idaho, and Washington) specification requirements such as Atterberg's limits, Sand Equivalent, Gradation, Density, CBR or unconfined compressive strength (ucs) tests. On track.
  - b. CTG should engage with working group with path forward.
- XII. Review Closed/Tracking List
- a. No issues discussed.
- XIV. Bin lists for Concrete, Foundations, Materials and Quality Assurance Sub Task Groups.
- a. Skipped over the bin list in the interest of time.
  - b. Tim mentioned the work product, Evaluate the Use of Concrete Overlays on Caltrans Projects, on the Concrete STG bin list is more of a lessons learned report on past Caltrans and national placement of concrete overlays.
5. Fall PMPC Workshop
- I. Group talked about the PMPC Innovation Workshop/Symposium. Topics discussed for inclusion in the workshop included:
    - a. Who to invite (do we include the districts),
    - b. What level of detail do we get into?
    - c. Highlight SOP changes for participants,
    - d. Confirm alignment from WGs on their responsibilities,
    - e. Recognize their PMPC accomplishments and acknowledge each WPG accomplishments,
      - i. 1 slide each, careful to manage time in virtual environment.
    - f. Could explore pre-recorded option with a follow-up panel,
    - g. Overcoming challenges - lessons learned for designers and construction,
    - h. Caltrans Mission, Vision and Goals,
    - i. What are the PMPC priorities in the near future – Responsibility for looking into more sustainable items, equity, BMD, increased recycling, efficiency (get more product or life for the same price or less), and innovation. We need statewide consistency when implementing with material requirements for industry.
      - i. **Action Item: Tim and Brandon to update workshop by next Friday, Aug 27.**
  - II. Need to get a date fixed for the workshop and set aside that 2 to 3 hours for the workshop.
6. Open Discussion:
- I. Charley: On the pilot project issue, it would be nice to have a written plan. It is important, it sows commitment.
    - a. Shaila: We just need to write it up.
    - b. Brandon: Charley, what do you want to see in the written plan?
      - i. Timelines, it is vague right now. Doesn't seem like we have a good communication/connection once we get a specification developed. District participation would be nice.
    - c. **Action Item: Brandon to follow up on RAP projects for tracking sheet.**
7. Decisions made/Approvals given by EC:
- I. N/A.
8. Action Items
- I. Coordinate and follow up with Tom to make sure EAs for RAP 10% is included in tracking sheet. (Brandon)
  - II. Tim and Brandon to update workshop by next Friday, Aug 27. (Brandon & Tim)

**Next Meeting scheduled for September 16, 2021**