

PMPC Executive Committee (EC) Meeting Minutes

Date: July 15, 2021
Time: 10:00 am-12:00 pm
Location: Webex Meeting

Facilitator: Shaila Chowdhury

Attendees: Shaila Chowdhury, Douglas Mason, Raymond Tritt, Charley Rea, Brandon Milar, Jacquelyn Wong, Nina Choy

1. Call to Order

- I. Shaila went over the agenda.

2. 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.
- 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.
- III. Route draft agenda to EC members. (Doug) Completed
- IV. 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.

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. Draft report sent to EC on July 9.
- 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: Do you know if the 2-year Job Mix Formula Construction Policy Directive (CPD) has been signed? Ray: It should be within the next week or by end of this month.
- II. Corrosion specification – How do we get Bridge Design to engage with the PMPC?
 - a. Keith has added corrosion to the M&QA bin list as the #1 priority. Also moved Bridge Design to M&QA work group.
- III. Brandon: Should we have something in the Standard Operating Procedure for the PMPC that if it impacts some else, we let them know as part of the roles and responsibilities.
- IV. Jackie: Do we add the Bridge Specification person to group and keep it at the 4 Caltrans members or 5 members from Caltrans?
- V. Kevin Keady is no longer acting deputy division chief over SP&I; the new acting chief will be Sudhakar Vatti.
- VI. Brandon: FHWA is developing a list for balance mix design for innovation.
- VII. On the bin list, replace Jackie Wong with Joshua Moore as part of the reorganization.

4. Work Products and Bin List – Attachments 2, 3, 4, 5, 6, 7, 8 & 9:

ATG Work Products

- I. RAP Up to 40% in HMA:
 - a. Working group continues to look for pilot projects in districts.
- II. Evaluate the New HMA Pavement Smoothness Specification Work:
 - a. The final report and revised specifications have been submitted to the ATG. The revised nSSP will be approved for projects beginning 7/1/21 and the specifications will be submitted to OE for RSS publication in December 2021 for publication in April 2022. This working group is completed and disbanded.
- III. Recycled Asphalt Shingles (RAS) up to 3%:
 - a. We continue to struggle to find districts willing to take on this specification, very similar issues as to the RAP specification. D3 is currently developing a project utilizing RAS in design. Team met with METS, D3, and UCPRC over coordinating testing plan for the project.
- IV. Section 37 Update:
 - a. Working group working through final OCCS formatting and working on milestone 7- Training and guidance which is about 20% complete and due in December.
- V. Post Plant Gradation
 - a. Working group is working in implementation plan for pilot projects work plan.
- VI. RAP in RHMA:
 - a. Secured and tested plant mixes. Will evaluate these mixes test results and adjust the draft NSSP based on test results at next WPG meeting. Continue to pursue pilot projects.
- VII. Write nSSPs for Pilot CCPR on Caltrans Projects:
 - a. Milestones one through three are completed. On track and on schedule.
- VII. Review Closed/Tracking List
 - a. No issues discussed.

CTG Work Products

- VIII. Evaluate the Revised Concrete Pavement Smoothness Specifications:
 - a. Working group stopped pursuing further projects to collect/compile concrete pavement smoothness data but will continue pursuing to receive the Payment Adjustment Spreadsheet (PAS) for the projects we identified. All possible projects will be analyzed for the final report to be delivered at the end of October 2021.
- IX. Tracking Concrete Mix Designs in DIME:
 - a. Working group met and is developing list of information and test data to submit to for adjustments to DIME.
- X. Concrete Pavement Acceptance Based on Compressive Strength:
 - a. The final report was complete and submitted to the CTG. In addition, mandatory concurrencies 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.
- XI. 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 concurrencies 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.
- XII. Portland Limestone Cement (PLC) on Concrete Performance:
 - a. Milestone 3 is complete, and the revised specifications were routed for publication on 07/02/2021. The revised final report by OSU was submitted on 06/30/2021. Work continues Milestone 4. Working on the AML requirements with cement lab and CMTB chief to start accepting PLC samples.
- XIII. Performance Based ASR Mitigation:
 - a. Milestone #1 complete. WG will continue working on milestone #2 for summary report. On track and on schedule.

- XIV. Blended Supplementary Cementitious Materials (SCMs):
 - a. Working group reviewing other DOT specs and standards for evaluation.
- XV. Replacing the Compaction Method to Determine the Application Rate of Lime for Soil Stabilization:
 - a. Working group reviewing and discussing CT 373, ASTM and AASHTO test methods for the minimum unconfined compressive strength requirement and potential use of ASTM C1557 or ASTM D5102 for the determination of lime applications. On track.
- XVI. Replacing the R-Value Testing for Unbound Materials with an Alternate Test Method:
 - a. Working group discussed use of unconfined compressive strength for cohesive soils, and gradation and Atterberg's limits for granular soils. Resilient modulus will be utilized in big pavement projects. On track.
- XII. Review Closed/Tracking List
 - a. No issues discussed.
- XIII. Bin lists for Asphalt, In-Place Recycling, and Pavement Preservation Sub Task Groups.
 - a. Went briefly through bin lists for sub task groups.
- XIV. Bin lists for Concrete, Foundations, Materials and Quality Assurance Sub Task Groups.
 - a. Went briefly through bin lists for sub task groups. One short scoping document is being reviewed by EC for approval.
- 5. Sponsor Meeting Recap:
 - I. Charley: Thought it went well, need to focus more on PMPC projects. Tom's presentation was more on what the Pavement Program was doing.
 - II. Ray: I agree with you, need to focus more on PMPC. We always seem to run late with the meeting presentations, we keep forgetting questions and length of time for presentation.
 - III. Brandon: Instead of presentations, pick a couple of topics and have a good discussion on it.
 - IV. Jackie: Better to have quick conversation and lot of questions than no questions.
- 6. Final Reports/Specifications:
 - I. Ray: SOP says EC approves final reports.
 - a. Little discomfort with some EC with approving specifications or final reports.
 - II. **Action Item: Doug to poll members for changes in the SOP**
 - III. Suggestion to make a policy of how we are interpreting SOP for approval. Final report won't be approved but more as a sharing for closeout.
 - IV. Discussion on when EC members review specifications and development of a communication plan with a memo to PMPC members of expectations.
- 7. Working Group for Pilots:
 - I. ATG has developed a tracking mechanism for tracking pilot projects in the form of a spreadsheet\
 - II. Nina: What are you tracking with the pilot projects? Performance and how many pilots were put out for a project.
 - a. Nina: I see value in a lessons learned from each project and is that a part of the tracking sheet.
 - b. Charley: We are looking at the number of pilots to the total, how many are in construction.
 - c. **Action Item: Finalize tracking system.**
- 8. Open Discussion:
 - I. Charley: There is a work group working on decision documents guidance. Will the EC get to approve the guidance and make part of the SOP?
 - a. ATG working group is developing the decision document process with Keith Hoffman. Once, the guidance is developed, they plan to send to EC to approve as a change and/or addition to the SOP for decision documents.
 - II. Is there a way to find out when the minutes are posted?
 - a. **Action Item: Doug to send out email when the meeting minutes are posted. Similar to a Listserv.**
 - b. **Decision: Add previous meeting minutes to meeting materials package for future meetings.**
 - III. Discussion on tracking sheet requirements for next meeting.
- 9. Decisions made/Approvals given by EC:

- I. Add previous meeting minutes to meeting materials package for future meetings.

10. Action Items

- I. Doug to poll members for changes in the SOP. (Doug)
- II. Finalize tracking system. (Shaila & Tom)
- III. Doug to send out email when the meeting minutes are posted. Like a Listserv. (Doug)

Next Meeting scheduled for May 20, 2021