

PMPC ATG (TG 3+4) Meeting Minutes

Date: March 1, 2023
Time: 1:00-3:00 PM
Location: Webex

Facilitator: Steve Lee for Cathrina Barros

Attendees: Pat Imhoff, Jacquelyn Wong, Steve Lee for Cathrina Barros, Joseph Dongo, Chu Wei, Ian Sun Chee Fore, Phil Reader, Dennis McElroy

Not in Attendance: Kelly Lorah, Scott Dmytrow, Cathrina Barros

1. Introductions/Review Agenda
2. Review past action items (notes inline)
 - A. Kelly – Add pilot project needs (to determine whether the WGs need more pilot projects) to the next TG+STG Chairs/Leads meeting
 - i. Phil – agrees – need more pilot projects
 - B. Cathrina – Update the FY 23/24 HM1 pilot project list and send to Kelly for distribution to the STGs to determine their pilot project needs for the next FY
 - i. Did Kelly give direction to the STG?
 - C. Action Items from TG 3+4 on 09/07/22: CT-ATG – Determine who (at what level) is responsible for reviewing Academia deliverables/final reports in relation to pilot project data and how/when to discuss the results to make sure Caltrans & Industry come to the same understanding. A plan should be created and presented to the EC for future acceptance into the SOP.
 - i. Note: Can industry be included in the review/see final report of the research from academia (that impacts or potential impact for PMPC)? One potential contact – John Harvey/Joe Holland who is a part of the academia – UC Davis – UCPRC.
 - ii. Reoccurring Agenda Item – Action Item: Kelly on items that might impact industry.
3. Introductory Urgent/Emerging Issues
 - A. Fibers Pilot Jobs
 - i. Phil Reader will be handling – will report back on the progress of the project.
4. Pavement Preservation
 - A. 2021 Section 37 Fog Seals Update
 - i. Reinstate Fog Seals for statewide use by the Department. Ensure that fog seal application and procedures are safe for the traveling public. Sand would be applied where appropriate.
 - a. Reminder: STGs to be more detailed in the status updates – detail comments for the monthly updates
5. In-Place Recycling Subtask Group Update
 - A. Develop CT for FDR-C and Update Specification for UCS
 - i. There are issues with the PLC component that will continue to be discussed – resolved. Deliverable – end of March.
 - B. Explore PDR as Surface Wearing Course

- i. 02/15/23: The working group sent the STG an updated scoping document. The STG is reviewing changes and compiling comments. The working group will also have a new industry lead.
 - a. Ongoing
- C. Zero Speed Inertial Profiler
 - i. Allen sponsored – now Allen is acting in CTG. Should it go to CTG for them to work on?
 - a. **Action Item:** Ian - What is the plan with this? Who will be champion this?
- 6. Asphalt Subtask Group Update
 - A. Use RAP up to 40% in HMA
 - i. 02/09/23: Writing the final report is in progress and is about 85% complete.
 - a. **Action Item:** Kelly to reach out to STG - What is the target date for Final Report?
 - B. RAS up to 3%
 - i. 02/09/23: Writing the final report is in progress and is about 85% complete.
 - a. **Action Item:** Kelly to reach out to STG - What is the target date for Final Report?
 - b. **Action Item:** Kelly to reach out to the STG to develop new scoping document for RAP and RAS – permanent aging protocol, pilot project data evaluation, and clean up nSSP.
 - C. Post Plant Gradation
 - i. They're drafting the final specification, working OCCS to publish, and developing the final report.
 - ii. As of today, no update.
 - D. 10% RAP in RHMA-G
 - i. Working on data collection and evaluation – who is doing what and contacting REs?
 - ii. John Harvey is collecting samples.
 - E. Implementation of Balanced Mix Design
 - i. There were comments from the EC about sustainability verbiage. The document was returned to Kee and Tony to make the edits.
 - ii. 02/13/23: Revised and resubmitted short scoping document.
 - iii. **Action Item:** Kelly - Find the correct BMD scoping document to have routed for signatures.
 - F. Section 39 Quality Characteristics (formerly known as Binder Content) - HMA Acceptance and Pay Criteria for non-SPF Projects
 - i. Tony is getting Kee a draft of the scoping document by today. STG will review/approve soon.
 - G. HOLD: CT 125/306 Review
- 7. EC Updates for ATG
 - A. Pilot Project Tracker Sheet is posted on the PMPC website
- 8. Roundtable / Review Action Items / Next Meeting
 - A. Phil - Can these meetings be earlier in the day? Keep it in the mornings – either Wednesdays or Thursdays.

- i. **Action Items:** Phil - will coordinate Industry on their schedule for proposed timeslots for Caltrans.
- B. Dennis - **Action Item:** Kelly - Agenda structure change – EC Updates for ATG – have it at the beginning of the meeting. Occur after Item #3 (Introductory Urgent/Emerging Issues).
- C. Jackie – METS will present findings from the T166/T275 RSP/ILS and invite ASTG and ATG members.
- D. Jackie – EPDs - work products are sustainability – require EPDs for pilot projects.
 - i. Industry is interested in bringing in EPDs as part of PMPC.
- E. Chu – open house - southern regional lab – March 14th – trailer will be there
 - i. Concrete industry – training – funding; include asphalt from federal funding. Work together and submit 1 request.

Action Items from TG 3+4 on 03/01/23:

1. Zero Speed Inertial Profiler - Ian - What is the plan with this? Who will be champion this?
2. RAP - Kelly to reach out to STG - What is the target date for Final Report?
3. RAS - Kelly to reach out to STG - What is the target date for Final Report?
4. Kelly - reach out to the STG to develop new scoping document for RAP and RAS – permanent aging protocol, pilot project data evaluation, and clean up nSSP.
5. Kelly - Find the correct BMD scoping document to have routed for signatures.
6. Phil - will coordinate Industry on their schedule for proposed timeslots for Caltrans.
7. Kelly - Agenda structure change – EC Updates for ATG – have it at the beginning of the meeting. Occur after Item #3 (Introductory Urgent/Emerging Issues).

Action Items from TG 3+4 on 01/04/23:

8. Kelly – Add pilot project needs (to determine whether the WGs need more pilot projects) to the next TG+STG Chairs/Leads meeting
 - a. Phil – agrees – need more pilot projects
9. Cathrina – Update the FY 23/24 HM1 pilot project list and send to Kelly for distribution to the STGs to determine their pilot project needs for the next FY
 - a. Did Kelly give direction to the STG?
10. Action Items from TG 3+4 on 09/07/22: CT-ATG – Determine who (at what level) is responsible for reviewing Academia deliverables/final reports in relation to pilot project data and how/when to discuss the results to make sure Caltrans & Industry come to the same understanding. A plan should be created and presented to the EC for future acceptance into the SOP.
 - a. Note: Can industry be included in the review/see final report of the research from academia (that impacts or potential impact for PMPC)? One potential contact – John Harvey/Joe Holland who is a part of the academia – UC Davis – UCPRC.
 - b. Reoccurring Agenda Item – Action Item: Kelly on items that might impact industry.

Pre-TG 3+4 on 12/07 Homework

1. Steve (PPSTG) – Pilot project tracker needs data collection contact person for each WG, updated, & posted – **Almost complete, needs to be posted**
 - a. 01/04: Steve has updated the pilot project tracker. The data collection contact is in column K. Ian will post it soon.
 - b. 12/07: Steve has reached out and is pending response
2. Kee/Tony (ASTG) – How do STG/WGs anticipate pilot project needs and start the process early enough? (Brandon originated) – **Complete**
 - a. 12/07: The pilot projects *should* be anticipated (how many and in which districts) during the development of a scoping document. The call for HM1 pilot projects occurs in February/March to the districts.
3. When do we have enough Pilot Projects? (Jackie follow-up)
 - a. 01/04: Kelly will add this request to the next TG+STG Chairs/Leads agenda
 - b. 12/07: The WG should identify a target amount of pilot projects during the development of a scoping document and during status updates.
4. Kee/Tony (ASTG) – Status of forming new RAP/RAS and Aging Protocol group
5. Kee/Tony (ASTG) – Create a WG report with the summary, findings, and recs over the past years before we commence the new WG
 - a. Ian – Inform Kee/Tony that the ATG approves of forming a new WG and scoping document to merge the remaining items of the existing scoping documents. A semi-final report on both scoping documents will need to be submitted addressing all milestones completed to date.
6. Kee/Tony/Maged – Verify if PPG WG will make the January RSS posting and status of the implementation plan – **Complete**
 - a. 12/07: It will not make January RSS posting, the CPD route will be taken. There is an implementation plan that will consider test equipment for districts, DIME entry for test results, etc.
7. Steve/Allen – Bin lists need to be updated
 - a. 12/07: Allen's bin list is likely approved by the STG, . The bin lists need to be approved by the STGs. Preservation Bin List approved by STG 11-2022.
8. RAP/RAS/10% – Data collection and evaluation plans from the STG/WGs
 - a. 12/07: These plans should be documented in either the close-out reports or in the new scoping documents.
9. Kelly – Create invites for ½ hour post-EC meetings to review information from the EC meetings
 - a. 12/07: This is green lit; Kelly do the invites.

Action Items from TG+STG Chairs/Leads on 11/02/22:

1. Kee & Tony – Rewrite the project description for bin list item #1 (Section 39 – Quality Characteristics)

Action Items from TG 3+4 on 09/07/22:

1. ATG – Define what an ad hoc group is and its function (Why, what, when, where, who, how?) for the SOP – **Complete**
 - a. 10/04/22: An ad hoc group is an informal working group operating without a scoping document to address short term issues. A decision document or final report should be created to create a document trail of decisions made. An ad hoc group can report back to either the STG or WG.

2. CT ATG – Determine who (at what level) is responsible for reviewing Academia deliverables/final reports in relation to pilot project data and how/when to discuss the results to make sure Caltrans & Industry come to the same understanding. A plan should be created and presented to the EC for future acceptance into the SOP.

Action Items from TG+STG Chairs/Leads on 08/03/22:

1. Recycling STG – Elevate/discuss with ATG (prep meeting, include Tom) about sustainability
 - a. Industry: A letter was sent to Mike Keever to escalate higher to advocate for sound engineering options. Another update will be available at the next meeting with Jeanie Ward-Waller.
 - b. Caltrans: We have started pavement sustainability meetings with Tom Pyle every 4-6 weeks.
2. Marco & Allen – Develop a problem statement and resolution recommendation (informal) for project programming and pre-site investigation budgeting – **Ongoing**

Action Items from TG 3+4 on 06/01/22:

1. CT 125/306 - Phil and Pat: Industry will review test method changes, workplan, solicit volunteers for materials, and report back; need 2 north and 2 south material sources.
 - a. 01/04/22 – Still waiting on 3rd source in Northern California for the rubberized ILS study in the spring.
 - b. 09/07/22 – Still on the hunt for another volunteer.
 - c. 07/05/22 – Industry is recruiting volunteers. 2 sources have been identified and at least 1 more is needed.

For PMPC meeting minutes please visit:

- EC Meetings: [Pavement & Materials Partnering Committee \(PMPC\) Meeting Minutes | Caltrans](#)
- ATG Meetings: [Asphalt Task Group | Caltrans](#)
- CTG Meetings: [Concrete Task Group | Caltrans](#)