

PMPC ATG (TG+STG Chairs/Leads) Meeting Minutes

Date: May 17, 2023
Time: 1:00-3:00 PM
Location: Translab Auditorium/Webex

Facilitator: Liya Jiao

Attendees: Phil Reader, Tony Limas, Larry Hernandez, Steve Lee, Jackie Wong, Christina Pang, Dennis McElroy, Kee Foo, Todd Vargason, Pat Imhoff, Mirak Mehari, Liya Jiao, Hadi Nabizadeh

Not in Attendance:

1. Introductions/Review Agenda
2. Review past action items (notes inline)
 - FDR-FA has received small comments and has been addressed.
 - IP ASTG – Biplab to present the findings for feedback.
 - **Action Item -Jackie: Will have Biplab brief/present zero speed IP effort to joint Asphalt/Concrete members. If agreeable, will move forward as joint TG Decision Document.**
3. Introductory Urgent/Emerging Issues
 - A. Target amount of pilot projects
 - Reminder to STGs to keep in mind the target number of pilot projects (if it is enough)
4. EC updates for ATG
 - Hadi: EC needs updates on the HMA acceptance and pay criteria status from ATG; expect full SD for BMD in August; request monthly updates/bin lists from ATG and STG.
5. Asphalt Subtask Group Update
 - A. Use RAP up to 40% in HMA
 - Tony reviewed the draft report. Data collection is not complete yet. The pilot projects are still ongoing. The initial report will not cover the pilot project data. The full set of collected data will be included with the future WG.
 - ASTG will close the original WG and scoping document with a final report and form a new WG. The data evaluation will be a part of the new WG: “High RAP and RAS Pilot Projects Data Collection and Evaluation Group Working Group”).
 - Tasks for this new WG: long-term aging condition; combine/simplify the two nSSPs; and data evaluation.
 - **Action item for ASTG:** To form this new WG with a Scoping Document and to determine the target number of additional pilot projects needed.
 - **Action item: Kee** to check with Saeed for the timeline of the current final report.

B. RAS up to 3%

- Same comments as above.
- Phil: Need to find more pilot projects for the RAS for contractors to bid.
- We need more pilot projects for both high RAP and RAS.

C. Post Plant Gradation

- Maged received the comments from industry and are reviewing with CT.

D. 10% RAP in RHMA-G

- Pilot project #3 is being constructed.
- **Action item: Kee Foo**: to send data collection and evaluation plan to Liya -**Done**

Scoping Documents under development

A. HMA acceptance and pay criteria

- Kee has sent out for review with ATG.
- **Action item: Liya** to request comments from ATG by next Monday 5/22 for EC review.

B. Balanced Mix Design

- From the ATG-EC BMD meeting on 4/28, direction is to have a full SD drafted for EC review by August meeting.
- EC is expecting a status update regularly before August.
- **Action item: Kee** to provide a monthly status update on BMD SD for ATG and EC.

Ad Hoc Working Groups

A. HOLD: CT 125/306 Review

- The first ILS sample was sent out to lab, waiting on Industry to identify the third source (target by end of Summer 2023).

Decision Documents Under Development

- Remove water injection WMA technology from the WMA AML list (initial development).
- METS has 3 of 4 items working with industry.

6. In-Place Recycling Subtask Group Update

A. Develop CT for FDR-C and Update Specification for UCS

- Recommend PLC to be incorporated in future specifications.
- Christina: 4 pilot projects requiring PLC are sufficient for comparison.
- **Action item: Christina**-To add this to the pilot project tracker.

B. Explore PDR as Surface Wearing Course

- Plan to request milestone extension.

C. Zero Speed Inertial Profiler

- See item 2 above: Biplab to present the findings for feedback.

Scoping Documents Under Development

- Addendum for the PDR, FDR as wearing course.
- FDR-FA
- PDR as standard specification

Ad Hoc Working Groups

- Zero Speed Inertial Profiler
 - To be removed from the Ad Hoc Working Group.

Decision Documents Under Development

7. Pavement Preservation Subtask Group Update

- 2021 Section 37 Fog Seals Update

Scoping documents Under Development

- 100%RAP in Chip Seal
- 100%RAP in Slurry Seal & Microsurfacing

Decision documents Under Development

- Section 37 FHWA comments
 - Section 37 FHWA comments were not part of the original scope of work. These comments have been addressed. The working group is finalizing the responses.

8. Bin List Review

Asphalt STG:

- **Action item: CT** – to recommend the next step for IC: if Caltrans is going to continue with IC or not?

In-Place Recycling:

Pavement Preservation:

9. Roundtable / Review Action Items / Next Meeting

- Jackie: **Action item – Hadi:** Coordinate updating Partner badges for industry

Action Items from ATG (TG+STG Chairs-Leads) on 05/17/23:

1. Jackie: to have Biplab brief/present findings on zero speed IP to joint Asphalt/Concrete stakeholders.
2. Kee: to form a new WG (“High RAP and RAS Pilot Projects Data Collection and Evaluation Group Working Group”) with a Scoping Document and to determine the target number of pilot projects needed.
3. Kee: to check with Saeed for the timeline of the final report on use RAP up to 40% in HMA.
4. Kee: to send data collection and evaluation plan to Liya. **-Done**

5. Liya: to request comments on HMA Acceptance and Pay Criteria SD from ATG by next Monday for EC review. -**Done**
6. Kee: to provide a status update on BMD SD development for ATG and EC.
7. Christina-to add PLC FDR-C pilots to the pilot project tracker.
8. CT (Joseph lead) – to recommend the next step for Intelligent Compaction: if Caltrans is going to continue with IC or not?
9. Hadi: to coordinate updating Partner badges for industry.

Action Items from TG 3+4 on 04/05/23:

- A. Cathrina will forward Tom's HMA Acceptance RSD comments to TG. -**Done**.
- B. Steve Lee to update PMPC Pilot Project Tracker list and send to Ian/Hadi to upload. -**Done**
- C. Ian – FDR-FA scoping document – status - Will follow up with EC on review. -**Done**
- D. Jackie IP effort to be presented to ASTG to decide if it goes to Decision Document process or to bin list. - **Jackie to check with Biplab for a presentation.**
- E. 10% RAP in RHMA-G - Cathrina will ask for update tracker from ASTG – there is a project in D2, but because of storm damages, has been put on hold. -**Done**

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? -**Done**
2. RAP - Kelly to reach out to STG - What is the target date for Final Report? -**Done**
3. RAS - Kelly to reach out to STG - What is the target date for Final Report? -**Done**
4. Kelly - reach out to the STG to develop a new scoping document for RAP and RAS – permanent aging protocol, pilot project data evaluation, and clean up nSSP. -**Done**
5. Kelly - Find the correct BMD scoping document to have routed for signatures. -**Done**
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). -**Done**

Pre-TG 3+4 on 12/07 Homework

1. Steve (PPSTG) – Pilot project tracker needs data collection contact person for each WG, updated, & posted – **Done**
 - 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. When do we have enough Pilot Projects? (Jackie follow-up)-**Done**
 - 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.
3. Kee/Tony (ASTG) – Create a WG report with the summary, findings, and recs over the past years before we commence the new WG- **with Tony for review**
4. RAP/RAS/10% – Data collection and evaluation plans from the STG/WGs – **Cathrina will follow up on the status.**

- a. 12/07: These plans should be documented in either the close-out reports or in the new scoping documents.

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](#)