

PMPC ATG (TG 3+4) Meeting Minutes

Date: July 18, 2023

Time: 1:00-3:00 PM

Location: Webex and In-person at Translab conference room

Facilitator: Cathrina

Attendees: Todd Vargason, Dennis McElroy, Jacquelyn Wong, Cathrina Barros, Phil Reader, Steve Lee, Joseph Dongo, Hadi Nabizadeh, Liya Jiao, Pat Imhoff

Not in Attendance:

1. Introductions/Review Agenda
2. Review past action items (notes inline)
 - A. Liya to check with Joseph with the timeslot for ATG (TG 3+4) meetings on Wednesday mornings. The next ATG (TG 3+4) meeting will be held on July 12th morning- (Rescheduled the meeting to 7/18; **Joseph has monthly meetings on Wednesday morning which will conflict with TG 3+4 meeting if scheduled to the morning**).
Action Item: Liya- To send survey monkey/doodle/whenisgood for scheduling TG (3+4) to morning. Make sure it is before the EC meeting (preferred timeslot: First Monday Morning 10-12)
 - B. Liya to have conference hybrid option for future ATG (TG 3+4) meetings. **-Done (future meetings will be held with Webex and in Translab conference room)**
 - C. Industry to determine if they are interested in adding non-PMPC activities of interest to agenda; Jackie proposed every six months to be updated. **-Done (Industry agrees to review the non-PMPC activities every six months during the TG 3+4 meeting)**
 - D. Steve – to look for the Caltrans memo about lifted moratorium on fog seals and share it with industry. **-Done (Steve shared the memo with Liya on 6/8, and Liya shared with ATG on 6/9)**
 - E. Liya- to send Kee a reminder for the revision of scoping document of HMA acceptance and pay criteria. **-Done (Kee sent revised SD on 6/12. EC finished reviewing SD and minor comments were received on 7/11.)**
 - F. Liya- to remove the “Bin List Review” item from the agenda for future ATG (TG 3+4) meetings, to be included quarterly when meeting with STG. **-Done**
3. Introductory Urgent/Emerging Issues
 - A. Ability to accelerate RAS efforts (Cathrina)
 - Cathrina: Tom is interested in accelerating the development of RAS nSSP. No Work Product Group has been re-formed yet for RAS. Data is being collected from pilot projects in District 8 and District 10.
 - Phil: There is not enough data from pilot projects for RAS to develop nSSP. ATG agree that current effort is appropriate.
 - Jackie: In previous discussion it was agreed upon to develop a new combined WPG for high RAP and RAS. ATG believes that there is already a path developed among ATG for the RAS nSSP.
 - B. HyRAP@TM pilot project in District 8 (Cathrina)

- Cathrina: Limited HyRAP (approx. 2000 tons) will be included in a pilot project for Route 40 in District 8. Testing protocol and data evaluation will be developed by UCPRC. Some maintenance pilot projects in Districts currently are not following the typical Caltrans processes such as the new product evaluation procedure.

4. EC updates for ATG

- Hadi: Badge Update Forms have been sent to industry members for renewal.

5. In-Place Recycling Subtask Group Update

Active Work Products

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

Dennis:

- The final specs have been completed.
- The new CT 314 for mix design has been developed.
- The final report is being drafted.

Scoping Documents Under Development

A. FDR-FA

- Dennis: 7/17 ATG signed and now forwarded to EC signatures.

B. PDR as standard specification

- Dennis: 7/3 Revised SD, addressing ATG comments, sent to EC for review.
- **Priority**– Need comments or approval from the EC ASAP.

C. Revised effort for PDR as surface wearing course

- Dennis: Drafting final report

Ad Hoc Working Groups

- None

Decision Documents Under Development

- Dennis: Will initiate DD to revise Sec 30-1 to require laboratories performing sampling and testing to comply with the Department Independent Assurance Program, and to qualify under AASHTO re: source program. These requirements have been included in the non-standards specifications used for Partial Depth Recycling.
- Jackie: Need to verify industry has understanding of requirements for accreditation for the lab and personnel for test methods under CT 314.

6. Pavement Preservation Subtask Group Update

Active Work Product

A. 2021 Section 37 Fog Seals Update

- Todd: WPG will address comments for training cost and trainer qualifications.
Action item: Phil- to share IC nSSP with Todd as a reference for just in time training.
- **Action item:** Joseph- To check with Chuck to see if there is any background information related to the fog seal moratorium lift memo.

Scoping documents Under Development

- A. 100%RAP in Chip Seal
 - Todd: currently EC is reviewing.
- B. 100%RAP in Slurry Seal & Microsurfacing
 - Todd: EC is reviewing.

Ad Hoc Working Groups

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Decision documents Under Development

- A. Section 37 FHWA comments
 - All comments have been addressed.

7. Asphalt Subtask Group Update

Active Work Product

- A. Use RAP up to 40% in HMA
 - Phil: finalizing the final report, two WPG will be combined (RAP up to 40% in HMA and RAS up to 3%).
- B. Use RAS up to 3%
 - Phil: need more pilot projects.
- C. Post Plant Gradation
 - Phil: There is a disagreement on the final report. The industry requests more data related to "VMA needs to be raised". The requirement for VMA was not in the original scoping document. Recommend a contingency impasse letter to industry.
- D. 10% RAP in RHMA-G
 - More sampling and testing have been conducted from pilot projects. Samples have been collected.

Scoping Documents under development

- A. HMA acceptance and pay criteria
 - Phil: the SD is with ATG for signatures.
- B. Implementation of Balanced Mix Design
 - Scoping document is in the draft process with Caltrans.

Ad Hoc Working Groups

- A. Zero Speed Inertial Profiler (joint effort between ATG and CTG)
 - EC is conducting fatal flaw review.
- B. HOLD: CT 125/306 Review
 - A third source of sample was found at Vulcan Lake Herman (Vallejo) and sampling will be conducted soon.

Decision Documents Under Development

- A. Remove water injection WMA technology from the WMA AML.
 - EC is doing fatal flaw review.
- B. METS had 3-4 items and is working with industry in ASTG.
 - Subtask group is reviewing and not ready for circulation to the ATG.

8. Roundtable / Review Action Items / Next Meeting

- Next TG+STG meeting to be rescheduled to Translab conference room (hybrid)
- Jackie: Ongoing discussions for AB1250.

Action Items from ATG (TG 3+4) on 7/18/23:

1. Liya- To send survey monkey for scheduling TG (3+4) to morning. Make sure it is before EC meeting (preferred timeslot: First Monday Morning 10-12).
2. Phil- to share IC nSSP with Todd.
3. Joseph- To check with Chuck to see if there is any background information related to the fog seal moratorium lift memo.

Action Items from ATG (TG 3+4) on 06/07/23:

1. Liya to check with Joseph with the timeslot for ATG (TG 3+4) meetings on Wednesday mornings. The next ATG (TG 3+4) meeting will be held on July 12th morning- **(Rescheduled the meeting to 7/18; Joseph has monthly meetings on Wednesday morning which will conflict with TG 3+4 meeting if scheduled to the morning, Liya will send out survey monkey for scheduling)**.
2. Liya to have conference hybrid option for future ATG (TG 3+4) meetings. **-Done (future meetings will be held with Webex and in Translab conference room)**
3. Industry to determine if they are interested in adding non-PMPC activities of interest to agenda; Jackie proposed every six months to be updated. – **Done (industry members agree to review this item every six month)**
4. Steve – to look for the Caltrans memo about lifted moratorium on fog seals and share it with industry. **-Done (Steve shared the memo with Liya on 6/8, and Liya shared with ATG on 6/9)**
5. Liya- to send Kee a reminder for the revision of scoping document of HMA acceptance and pay criteria. **-Done (Kee sent revised SD on 6/12. EC finished reviewing SD and minor comments were received on 7/11.)**
6. Liya- to remove the “Bin List Review” item from the agenda for future ATG (TG 3+4) meetings. **-Done**

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. **--Done (presentation made for CTG and ATG on 6/7)**
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 (Kee shared the plan on 5/22)**
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? – **Done (Kee Foo: Ragu (Construction) said they will make that determination in Nov 2023)**

9. Hadi: to coordinate updating Partner badges for industry. -**Done (Hadi sent out the ADM2025P to industry)**

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 (note: resolved, presentation made for CTG and ATG on June 7th.)**
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 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. - **Done**
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**

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](#)