

PMPC ATG (TG 3+4) Meeting Minutes

Date: Sep 12, 2023
Time: 9:00-11:00 PM
Location: Webex/ Caltrans Translab Conference Room

Facilitator: Jackie

Attendees: Jacquelyn Wong, Pat Imhoff, Scott Dmytrow, Phil Reader, Dennis McElroy, Joseph Dongo, Kee Foo, Liya Jiao, Hadi Nabizadeh Shahri

Not in Attendance:

1. Introductions/Review Agenda
2. Review past action items (notes inline)

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). – **Done (TG (3+4) meeting will be scheduled in the morning for the next year)**
2. Phil- to share IC nSSP with Todd. – **Done**
3. Joseph- To check with Chuck to see if there is any background information related to the fog seal moratorium lift memo. – **Done** (Joseph shared with ATG on Sep 12: Chico state completed the research with a report. **Cathrina to look for the Chico state report**)

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. - **Done**
 - 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.

3. Introductory Urgent/Emerging Issues

- Balanced Mix Design SD (Jackie)

-ATG have a concern on WPG member number (5+5 vs 4+4). It would be up to EC to approve the final number.

- ATG agrees on Clinton taking on the Project Manager role for BMD WPG, but it is needed to add job description for this role.

Action item: Kee/Tony- to add job description for the BMD project manager role in the scoping document.

- Local municipality use of Section 39 (Phil)

-Phil: To discuss this item in the next meeting

- Three versus two replicates for testing bulk specific gravity using AASHTO T166 and AASHTO T275 (Jackie)

-Jackie: Will add this one to non-PMPC list.

- CT 306 ILS participating labs (Jackie)

-Biplab requested industry to help find more labs to participate in the ILS study.

-Phil: industry labs are busy right now due to construction season. George Reed is interested in participating.

4. EC updates for ATG

- -Hadi: EC's comments (fatal flaw review) on FHWA comments on Section 37

5. Asphalt Subtask Group Update

Active Work Product

A. Use RAP up to 40% in HMA/ B. Use RAS up to 3%

- Final report has been shared with ATG.

C. Post Plant Gradation

- -Phil: implementation plan will be rolled out in 2 months.

D. 10% RAP in RHMA-G

- -Kee: UCPRC provided preliminary evaluation. Asphalt of Pavement recommended to continue to use the nSSP for RAP in RHMA-G.

E. HMA acceptance and pay criteria

- -Kee: WPG has started the work. Caltrans will draft a Caltrans spec based on Florida spec for projects under 2250 tons and will share with industry for consideration

Scoping Documents under development

A. Implementation of Balanced Mix Design

- Kee- will address comments after EC share their comments.

Ad Hoc Working Groups

A. Zero Speed Inertial Profiler (joint effort between ATG and CTG)

- EC is conducting fatal flaw review. The item will stay on until published.

B. CT 125/306 Review

- The ILS group is looking for additional labs to participate in the study.

Decision Documents Under Development

A. Remove water injection WMA technology from the WMA AML.

- -Kee: received a comment from EC, and has addressed it. Hadi has shared with EC.

B. METS had 3-4 items and is working with industry in ASTG.

- Subtask group is reviewing these items and not ready for circulation to the ATG.

6. Pavement Preservation Subtask Group Update

Active Work Product

A. 2021 Section 37 Fog Seals Update

- -Scott: Fog seal training will be included in the training plan and conducted by WRAPP and Caltrans.

Scoping documents Under Development

- A. 100%RAP in Chip Seal
 - Waiting for EC signatures.
- B. 100%RAP in Slurry Seal & Microsurfacing
 - Waiting for EC signatures.

Ad Hoc Working Groups

- A. None

Decision documents Under Development

- B. Section 37 FHWA comments
 - EC shared comments after fatal flaw review about the content/scope of this decision document. The main comment is about why DD is used for this item.
 - Hadi is working with Cathrina to address these comments.
 - Scott: Caltrans and industry have agreed on the DD and the language.

Action item: Hadi to share the EC comments with Scott, and Scott will provide a response to EC comments on the DD of FHWA comments on section 37.

7. In-Place Recycling Subtask Group Update

Active Work Products

- A. Develop CT for FDR-C and Update Specification for UCS
 - The final report is being drafted and updated specification is still with OCCS.
- B. Update FDR-FA specification
 - Waiting for Industry to confirm their members in the working group. Will follow up with Marco.

Scoping Documents Under Development

- A. PDR as standard specification
 - -Dennis: Ongoing discussions on how to combine emulsion and foam asphalt strategies into one spec.
- B. Revised effort for PDR as surface wearing course
 - -Dennis: Final report has been shared by Larry.

Ad Hoc Working Groups

- None

Decision Documents Under Development

- Section 30-1 revision to require laboratories performing mix design to comply with the Department Independent Assurance Program.

8. Roundtable / Review Action Items / Next Meeting

- Next meeting: TG 3+4- Oct 3rd (1-3 PM).
- Roundtable:

Action Items from ATG (TG 3+4 meeting) on 9/12/23:

1. Kee/Tony- To add job description for the BMD project manager role in the scoping document
2. Joseph- To check with Chuck to see if there is any background information related to the fog seal moratorium lift memo. – **Done** (Joseph shared with the group on Sep 12: Chico state completed the research with a report)
Cathrina- To look for the Chico state research report on fog seal moratorium life.
3. Hadi and Scott- Hadi to share the EC comments on the DD of FHWA comments on section 37 with Scott, and Scott_will provide a response.

Action Items from ATG (TG+STG Chairs-Leads) on 8/16/23:

1. Kee/Tony – To send drafted scoping document of the new formed WPG for High RAP/RAS with a deadline of one month (Sep 17).
2. Joseph – To report future actions regarding the Intelligent Compaction.
3. Hadi - To send industry members reminder to confirm the photo requirement and update badges with a deadline.
4. Steve - To add training plan to the final report of Section 37 fog seal.
5. Steve - To share the DD of section 37 FHWA comments with Liya for ATG review/signature/posting. **-Done** (Steve shared on August 16).
6. Liya - To share BMD SD with ATG for review. ATG will have a deadline of August 21 to review and share with EC. **-Done** (Maged shared the drafted SD with Liya and ATG on August 16).
7. Larry - To check with Dennis and Marco regarding the best approach (maybe not DD) to handle this new requirement in Section 30-1 for IA certification on lab performing mix design.
8. Liya - To share Larry's bin list as template for other subtask group. - **Done**
9. ASTG-WPG: - To update the bin list.
10. Steve - To share the most recent updated project track before EC meeting (COB August 16). **-Done** (Steve shared the project track on August 16)

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. **-Done (Additional comments from METS were received and WG leads (CT and Industry) responded to the comments. The report is being finalized for submission)**
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. -**Done**
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)**

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](#)