

PMPC ATG (TG 3+4) Meeting Minutes

Date: Oct 3, 2023
Time: 1:00-3:00 PM
Location: Webex/ Caltrans Translab Conference Room

Facilitator: Cathrina

Attendees: Jacquelyn Wong, Pat Imhoff, Scott Dmytrow, Phil Reader, Dennis McElroy, Joseph Dongo, Cathrina Barros, Liya Jiao, Hadi Nabizadeh Shahri, Todd Vargason, Mirak Mehari

Not in Attendance:

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

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 lift to include the relevant information into the final report. – **(10/3: Cathrina reached out to Ding from Chico State, received about 4 research reports)**

Action item: Cathrina will share the research reports with Liya to be distributed to the ATG group. (Jackie: We discussed in September 3+4 about including the moratorium lift memo and any supporting research/reports in the final report for the Fog Seal group. That would leave the historical breadcrumbs for how the use of fog seals was reinstated.)

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. – **Done** (Todd: Steve has made changes to the DD based on EC comments. Currently it is with ATG for signature)

Action item: Liya to share the updated DD and Steve's response to comments with Hadi to speed up the approval process.

3. Introductory Urgent/Emerging Issues
 - Local municipality use of Section 39 (Phil)
 - Phil: local agencies have limited resources using section 39 properly. Industry wants Caltrans' suggestion and guidance.
 - Cathrina: FHWA needs to review and approve the specifications used by local agencies if federal funding is included.
 - Chu: an option is to have a separate spec only for low volume roads.

- Joseph: local agencies can propose an nSSP. Caltrans can provide training sessions to local agencies to bring them up to date of the knowledge of spec.

- Phil: industry has a bank of approved mixes from JMF-PP, and these mixes can also be used for local projects. However, if the percentage of projects from local agencies are higher than Caltrans, there will be limited mixes that can be selected from the approved mixes bank.

- EC comments on Balanced Mix Design SD (Jackie)

-**Action item:** Phil and Pat to discuss with industry regarding Clinton taking the project manager role for BMD.

-Phil: suggest updating the project manager role name as project facilitator.

- ATG agree on the WPG number as 4 CT members +4 Industry members.

- Jackie: suggest responding to Tim's comment regarding the timeframe: "WPG will develop deliverables and milestones in workplans separately from the SD".

- Jackie's suggestions for the definition of project facilitator:

“1. Agenda setting with clear Purpose and Goals

2. Document meeting notes including decisions or agreements made, action items, etc.

3. Support WPG with organizational tools to achieve milestone deliverable (e.g. templates for RMP, CRM, brainstorming and consensus building, etc.)

4. Document Management (mtg minutes, milestone deliverables)

5. Maintain and update task management schedules of WPG

6. Communicates Project Management updates to ATG

7. PM person will be approved from ATG”

4. EC updates for ATG

- None

5. In-Place Recycling Subtask Group Update

Active Work Products

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

- -Final Report comments received from WG. Draft FDR-C specifications with OCCS, as well as responses to their comments. METS is working on publishing CT 314 and updating the IA program to include this test.

B. Update FDR-FA specification

- - First WG meeting is scheduled on Oct 6.

C. Revised effort for PDR as surface wearing course

- -ATG are reviewing the final report.

D. PDR as standard specification

- - WG reviewing UCPRC study on the PDR projects, focusing on results of ITS and Marshall testing.

Scoping Documents Under Development

A. None

Ad Hoc Working Groups

- None

Decision Documents Under Development

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

- - Subtask group will share the Decision Document with ATG for review.

6. Asphalt Subtask Group Update

Active Work Product

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

- -Phil: waiting for ATG to finish the review for final report, and then will work on scoping document for new WPG.

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C. Post Plant Gradation

- - Phil: Caltrans are working on implementation plan for field labs.
- -Joseph: Caltrans have conducted a survey for field labs to understand the need for equipment.

D. 10% RAP in RHMA-G

- - The working group recommends that the 10% RAP in RHMA-G nSSP continue to be made available for use. Existing information available to the working group as of this date did not raise any red flags.

E. HMA acceptance and pay criteria

- Work Product Group met on Sep 14. CT only meeting on Sep 21. Next work product meeting is on Oct 4th.

Scoping Documents under development

A. Implementation of Balanced Mix Design

- ASTG are addressing the comments from EC and ATG.

Ad Hoc Working Groups

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

- EC is conducting a 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.

- This item has been approved by the EC but will stay on until published.

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

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

7. Pavement Preservation Subtask Group Update

Active Work Product

A. 2021 Section 37 Fog Seals Update

- Have obtained concurrence from FHWA, and OCCS.

Scoping documents Under Development

A. 100%RAP in Chip Seal

- The scoping document has been signed by ATG and EC. This item will be added to the Active Work Product for the monthly update.

B. 100%RAP in Slurry Seal & Microsurfacing

- The scoping document has been signed by ATG and EC. This item will be added to the Active Work Product for the monthly update.

Ad Hoc Working Groups

A. None

Decision documents Under Development

A. Section 37 FHWA comments

- Waiting for ATG to sign.

8. Roundtable / Review Action Items / non-PMPC projects/ Next Meeting

- Next meeting: TG 3+4 - Dec 6 (1-3 PM); TG+STG - Nov 15 (1-3 PM)
- non-PMPC projects: the non-PMPC projects document has been shared with industry including efforts from METS and Construction Group. This document will be shared with industry every half year (April, October). Pavement Group will also add information to the document next time.
- Roundtable:
 - Cathrina: awareness for potential binder specification (Section 92) updates.
 - Chu: FHWA thinks DPS is a good tool for dense grade mix pavement measurement. FHWA will have an asphalt pavement and material technical feedback group meeting soon in Reno. There will be a BMD session in this meeting.
 - Jackie: There will be TG+STG meeting and EC meeting in November. Heads-up for ATG if anything needs to be brought up or addressed.

Action Items from ATG (TG 3+4 meeting) on 10/03/23:

1. 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 share the Chico State research reports with Liya to be distributed to the ATG group. (**Jackie**: We discussed in September 3+4 about including the moratorium lift memo and any supporting research/reports in the final report for the Fog Seal group. That would leave the historical breadcrumbs for how the use of fog seals was reinstated.)

2. Liya - to share the updated DD and Steve's response to comments with Hadi to speed up the approval process.

3. Phil and Pat -to discuss with industry regarding Clinton taking the project manager (project facilitator) role for BMD.

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

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Cathrina- To look for the Chico state research report on fog seal moratorium life. **(10/3: Cathrina reached out to Ding from Chico State, received about 4 research reports) -Done**

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. **-Done**

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)**

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- 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](#)