

# PMPC ATG (TG 3+4) Meeting Minutes

**Date:** March 6, 2024  
**Time:** 1:00-3:00 PM  
**Location:** Webex

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Facilitator: Kee

Attendees: Kee Foo, Pat Imhoff, Jackie Wong, Dennis McElroy, Joseph Dongo, Todd Vargason, Hadi Nabizadeh Shahri, Tony Limas,

Not in Attendance:

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

## Action Items from ATG (TG 3+4 meeting) on 02/09/24:

1. Caltrans- to come up with a proposal if the TCE is officially banned.  
Pat/Phil- to get together with industry to find a proposal as well.  
In Progress – both Caltrans and Industry. Impact on quality of binder recovery and binder content using other solvents.
2. Cathrina – to follow up with Kee on the details of the concern for decision document protocol.  
**DONE.** Need to identify a champion for developing any DD. As per SOP, any subtask group member can serve as a champion.
3. Cathrina/Phil – to direct ASTG to begin forming the new WPG with a SD for high RAP/RAS.  
Expedite the process for developing a high RAP/RAS nSSP.  
Caltrans ATG was tasked to discuss it internally.  
To be further discussed at the next ASTG and ATG meetings.
4. Phil/Pat – to inform Cathrina/Jackie/Joseph of the projects related to dispute resolution issue in Section 39 from D5.  
Cathrina – to engage Kee and Construction to learn more about D5 concerns.  
**DONE.** It has been resolved.

## Action Items from ATG (TG 3+4 meeting) on 12/06/23:

1. Phil- to follow up with industry on the decision of Clinton taking the Project Facilitator role for BMD. – on hold (with a deadline of: 2/12)  
**DONE.** Recommendation was made by industry. Clinton will serve as the Project Facilitator.
2. Cathrina- to add “the status of pilot projects” to agenda for the next EC+ATG meeting.  
**DONE**
3. Introductory urgent/emerging issue
  - Jackie – METS staff to reach out to industry to find more labs for CT125/306 ILS.
    - **Action Item:** Jackie to send the list of the participating labs to industry.
4. EC updates for ATG
  - EPD WPG status

- Hadi: The EPD scoping document is under review by EC. The revised SD will be shared with ATG and CTG. The main objective of this SD is EPD collection.
- It was proposed by Tony that, after data collection is complete, two separate WPGs can be formed for asphalt and concrete to set thresholds, identify data gaps, etc.

## 5. Pavement Preservation Subtask Group Update

### **Active Work Product**

1. 2021 Section 37 Fog Seals Update
  - Final report is being prepared.
2. 100%RAP in Chip Seal
  - Comments from industry are being addressed. Caltrans is working on developing a spec.
3. 100%RAP in Slurry Seal & Microsurfacing
  - Comments from industry are being addressed. Caltrans is working on developing a spec.

### **Scoping documents Under Development**

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### **Ad Hoc Working Groups**

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### **Decision documents Under Development**

- A. Adding elastic recovery requirement for BWCE as an alternative to CT 332  
It is being considered.
- B. Considering DD or SD for Section 37- Gradation for slurry

## 6. In-Place Recycling Subtask Group Update

### **Active Work Products**

- A. Develop CT for FDR-C and Update Specification for UCS
  - Spec is with OCCS. METS is working on CT314 implementation.
- B. PDR as surface wearing course
  - With EC for signatures.
- C. PDR as standard specification
  - RSTG met with UCPRC to develop a new test method.
- D. Update FDR-FA
  - Continuing updates to SS, CT313 & MPQP.

### **Scoping Documents Under Development**

- A. Evaluating PLC in pilot projects

### **Ad Hoc Working Groups**

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### **Decision Documents Under Development**

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

- With EC for fatal flaw review.

## 7. Asphalt Subtask Group Update

### **Active Work Product**

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

- Waiting for the final report to be signed.

B. Post Plant Gradation

- Waiting for the final report to be signed.

C. 10% RAP in RHMA-G

- Recommended changes to the milestones and dates. Started preparing the final report.

D. HMA acceptance and pay criteria

- It is under discussion by industry. Two outstanding items to be resolved.
- Milestone date change request Memo was sent to ATG.
  - **Action Item:** ATG to review and approve the Memo.

### **Scoping Documents under development**

A. Implementation of Balanced Mix Design

- Brandon Milar is a member of WPG and EC; concern associate with possible dispute resolution. Need for a clear statement in the SD.
  - Suggestion: If any dispute comes out, Brandon will be recused and use a proxy.
  - **Action Item:** Industry to discuss it internally and report back to ATG.

B. High RAP and RAS – Phase II

- Under discussion at ASTG. Key points are nSSP, aging protocol, pilot project/data evaluation.

### **Ad Hoc Working Groups**

A. CT 125/306 Review

- In progress; seeking for more labs for round 3.

### **Decision Documents Under Development**

A. AASHTO T 84 Washing of Material Finer than the No. 200 (EC fatal flaw review)  
Waiting for the DD to be signed.

B. Non-nuclear gauges and low nuclear gauges for density  
Waiting for the DD to be signed.

C. Test methods table in section 39

To be discussed in ASTG to identify either DD or SD is appropriate.

D. Allow Automatic binder extractor

Draft DD is being prepared.

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

- Action Items:
  - Jackie to send the list of the participating labs in CT125/306 ILS to industry.

- ATG to review and approve the milestone date change request for HMA Acceptance and Pay Criteria.
  - Industry to discuss Brandon Milar's role in BMD scoping document internally and report back to ATG.
- Next meeting:
    - ATG (TG 3+4) – April 2 (1-3 PM)

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### Action Items from ATG (TG 3+4 meeting) on 03/06/24:

1. Jackie - to send the list of the participating labs in CT125/306 ILS to industry.
2. ATG - to review and approve the milestone date change request for HMA Acceptance and Pay Criteria.
3. Industry - to discuss Brandon Milar's role in BMD scoping document internally and report back to ATG.

### from ATG (TG+STG meeting) on 2/21/24:

1. ATG (CT)- to meet internally to discuss the feasibility of expedited scoping document with the goal to deliver mandatory nssp with option to use high RAP and RAS and share with industry.
2. ASTG- to confirm with PPG implementation group if CPD is warranted during the transition.
3. PSTG- to add material deduction in Section 37 to bin list.

### Action Items from ATG (TG 3+4 meeting) on 02/09/24:

1. Caltrans- to come up with a proposal if the TCE is officially banned.  
Pat/Phil- to get together with industry to find a proposal as well. -In progress (3/6/2024: both Caltrans and Industry are in progress. Impact on quality of binder recovery and binder content using other solvents.)
2. Cathrina/Phil – to direct ASTG to begin forming the new WPG with a SD for high RAP/RAS. (3/6/2024: Expedite the process for developing a high RAP/RAS nSSP. Caltrans ATG was tasked to discuss it internally. To be further discussed at the next ASTG and ATG meetings.)

### Action Items from ATG (TG+STG Chairs-Leads) on 11/15/23:

1. Steve - To submit the final report on Section 37 fog seal. - (2/21-Steve is working on the final report)
2. Kee/Tony- To review the Washington DOT spec on high RAP. ASTG will discuss this item (40% RAP/RAS spec) in their next meeting and bring recommendations to ATG. – (2/21: Tony shared the spec with Kee, will have meeting with UCPRC)
3. Kee – To update the milestones of 10% RAP in RHMA-G and submit milestone extension request memo to ATG. – (2/21-To be submitted)

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

1. Kee/Tony – To send drafted scoping document of the newly formed WPG for High RAP/RAS with a deadline of one month (Sep 17). – (2/21-Kee: CT is looking for a WPG chair to work with industry to draft the SD)

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

1. Lee: 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.

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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](#)