

PMPC ATG (TG+STG) Meeting Minutes

Date: Feb 21, 2024
Time: 1:00-3:00 PM
Location: Webex/ New Geotech Building Conference Room

Facilitator: Larry Hernandez

Attendees: Jacquelyn Wong, Phil Reader, Kee Foo, Tony Limas, Steve Lee, Todd Vargason, Marco Estrada, Joseph Dongo, Liya Jiao, Hadi Nabizadeh Shahri, Larry Hernandez, Todd Vargason, Matt Conarroe, Christina Pang

Not in Attendance:

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

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

1. ASTG - To discuss removing the IC from bin list. -**Done** (2/21- Kee/Tony: has removed the IC from bin list)
2. Steve - To submit the final report on Section 37 fog seal. - (2/21-Steve is working on the final report)
3. 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)
4. RSTG – To submit a milestone extension memo on FDR-C, and PDR. – **Done** (2/21: Marco: completed items)
5. Liya – To send the Decision Document of removing CT 302 to EC for fatal flaw review. -**Done** (2/21: EC approved)
6. Steve – To remove CT 302 from section 37. – **Done** (2/21: will be included in the fog seal updates, after concurrence of FHWA, will send to OCCS for publication request, will be in effect on Oct 2024)
7. Kee – To update the milestone dates for spec update on post plant gradation (new deadline for spec package submission is April 26th). – **Done** (2/21-Kee has received the publication memo)
8. 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)
2. Steve - To add training plan to the final report of Section 37 fog seal. – **Done** (2/21-Steve: training has been completed, working on the final report)

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

1. 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. Introductory Urgent/Emerging Issues

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4. EC updates for ATG

- Hadi: EC+ATG meeting on Feb 22.

5. Asphalt Subtask Group Update

Active Work Products

A. Use RAP up to 40% in HMA.

B. RAS up to 3%

- Phil: Industry propose to use Decision Document instead of Scoping Document to expedite the use of nssp for High RAP/RAS.
- Tony: WPG will continue to develop one nssp for both high RAP and RAS based on Washington DOT spec and previous high RAP/RAS projects, and determine the appropriate next step: decision document or expedited scoping document.

Action item- ATG (CT) 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.

C. Post Plant Gradation

- Kee/Tony: spec is close to being published.
- Jackie: Districts sent in request of equipment purchase.
- Kee: some questions remain to be answered from implementation group related to JMF.

Action item- ASTG to confirm with PPG implementation group if CPD is warranted during the transition.

D. 10% RAP in RHMA-G

- Kee: WPG is finalizing the final report, including construction of pilot projects, comparison against control mix and recommendation of continuing to use the nssp. Field performance will continue to be monitored in 5 years.

E. HMA acceptance and pay criteria

- Tony: WPG has reached an agreement of a SPF for projects greater than 2,250 tons.
- Tony: The WPG is finalizing the details for the Absolute Average Deviation (AAD) specs for projects under 2,250 tons.
- Both the SPF and AAD specs will be published for one production season and make adjustments afterwards if needed.

Scoping Documents Under Development

A. Implementation of Balanced Mix Design

- Kee/Tony: Submitted to ATG and EC.
- Phil: industry prefers to have Clinton as a WPG member.

- Tony: we could have Clinton be both WPG member and the project facilitator.
- ATG agrees to have Clinton as the project facilitator not WPG member.

Ad Hoc Working Groups

A. HOLD: CT 125/306 Review

- Jackie: The third and final round of ILS is underway. Biplab is working with Ron Stickel to get more labs to participate.

Decision Documents Under Development

- AASHTO T 84 Washing of Material Finer than the No. 200
- Kee/Tony: ATG has signed and is with EC for final fatal review.
- More DDs are under development with ASTG:
 - Non-nuclear gauges and low nuclear gauges for density: ASTG has agreed on the non-nuclear gauges and the DD will be sent out soon.
 - Test methods table in section 39: there are new versions of AASHTO/ASTM for test methods in section 39 table. Different approaches may be taken for updating these test methods.
 - Allow Automatic binder extractor: currently assessing the TCE ban impact.

6. In-place Recycling Subtask Group Update

Active Work Product

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

- Larry: CT 314 is with METS Quality Management branch for internal review process. Concurrence has been received from FHWA for the spec.

B. Explore PDR as Surface Wearing Course

- Larry: The final report is with ATG for review.

C. PDR as standard specifications

- Larry: WPG is getting comments from industry and Caltrans. OCCS is reviewing the spec. UCPRC is making changes to the test method (CT 315) concurrently. WPG is working with OCCS to reach the milestone of publication in April 2024.

D. Update FDR-FA specification

- Larry: WPG has been receiving comments from industry and Caltrans. Aim to publish the spec in 2025.

Scoping documents Under Development

- A. Larry: A new SD for evaluating PLC in pilot projects is under development. The draft SD has been shared with industry for comments.

Ad Hoc Working Groups

A. Nones

Decision documents Under Development

A. Section 30-1 Quality Control Revision

- Larry: The DD is with ATG for signatures. Aim to be published in the 2024 spec.

7. Pavement Preservation Subtask Group Update

Active Work Product

A. 2021 Section 37 Fog Seals Update

- Steve: WPG is working on final report. It is expected to be completed on March 15.

B. 100%RAP in chip seal

C. 100%RAP in slurry seal and microsurfacing

- Steve: drafted specs are out for comments.

D. Todd: A new Decision Document is under development for adding elastic recovery requirement for BWCE as an alternative CT 332

- Todd/Steve: This DD will be discussed in the future PSTG meeting.

Scoping Documents under development

A. None

Ad Hoc Working Groups

A. None

Decision Documents Under Development

A. Withdraw of CT 302

- Steve: Changes will be included in the fog seal spec.

8. Review Bin Lists

- **Action item:** PSTG- to add the material deduction in section 37 to the bin list.

9. Roundtable / Review Action Items / Next Meeting

- Next meeting: EC+ATG- Feb 22 (8:30-10 AM)

ATG (TG 3+4)- March 6 (1-3 PM)

ATG (TG+STG)-May 15 (1-3 PM)

- Roundtable:

- Phil: Action item for Joseph to talk about the test turnaround time in the EC+ATG meeting on Feb 22.
- Tony: to add to the next agenda for STG: to discuss the DDs that ASTG have been working on/completed/not successful. Bin list will have the champion(s) indicated for the DD.

Action items 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.
2. Cathrina – to follow up with Kee on the details of the concern for decision document protocol.
3. Cathrina/Phil – to direct ASTG to begin forming the new WPG with a SD for high RAP/RAS.
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.

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)
2. Cathrina- to add “the status of pilot projects” to agenda for the next EC+ATG meeting.

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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](#)