

PMPC Executive Committee/Asphalt Task Group Meeting Minutes

Date: May 16, 2024

Time: 8:30 am-10:30am

Location: Webex Meeting

Facilitator: Tom Pyle

Attendees: Tom Pyle, Tim Greutert, Tom Pyle, Jeremy Peterson-Self, Brandon Milar, Charley Rea, Sudhakar Vatti, Kee Foo for Cathrina Barros, Jacquelyn Wong, Raguparan Thangavelautham for Joseph Dongo, Maged Armanuse, Arshad Iqbal, Dennis McElroy, Pat Imhoff, Todd Vargason, Liya Jiao, Hadi Nabizadeh

Not in Attendance: Phil Reader

1. Introductions/Review Agenda

a.

2. Action Items from 02/22/2023 EC+ATG meeting

a. Cathrina to provide update on RAS pilot project in the next EC+ATG meeting.

i. To be discussed in the Active WPG for ASTG.

b. ATG will review milestones' due dates and percent complete for all active working products.

i. Done.

c. Recycling STG to reprioritize and update the bin list.

i. Done. Updates have been made to the timeline.

3. Introductory Urgent Issues

a. EPD Status

i. The revised scoping document is with EC for review.

ii. Discussion at the ATG meeting that after EPD data collection is complete, separate asphalt and concrete working groups should be formed to lead the next efforts for EPD implementation (e.g., requirements, benchmarking, etc.).

iii. During the data collection phase, be mindful of competition and fairness.

4. ATG Updates

a. Develop CT for FDR-C and Update Specs for UCS

i. Updated spec will be published in the October posting.

ii. An updated test method will be going through the METS internal review process soon.

iii. There will be a separate SD for Portland Cement Limestone (PLC).

b. PDR as Standard Specification

i. The spec will be published in the October posting. MPQP has been finalized by WG and will need to route through Construction for publication. The final report will be drafted.

ii. Guidance documents have been developed in collaboration with UCPRC. Statewide training has been done.

c. Update FDR-FA Specifications

i. The spec is being finalized and will be circulated for comments when MPQP and CT 313 are ready.

d. Use RAP Up to 40% in HMA / RAS up to 3%

i. The final report has been signed.

1. A new working group will be formed to continue this effort in Phase II.

a. SD is being drafted. Data evaluation of ongoing pilots, aging protocol and updating the NSSP are the main objectives of Phase II.

2. How to encourage Districts to use these NSSPs will be further discussed at the ATG meeting.

- e. Post Plant Gradation
 - i. The final report has been signed.
 - ii. The spec owner submitted the PPG changes to OE- 2024 Standard Spec. The implementation plan is underway.
 - iii. METS is following up with the District for the equipment needed, however some challenges with accommodating the new equipment.
 - f. 10% RAP in RHMA-G
 - i. The pilot project construction is complete. Lab testing is underway at UCPRC.
 - ii. An interim report is being prepared; the recommendation will be the nSSP.
 - g. HMA Acceptance and Pay Criteria
 - i. There is an agreement on projects over 2250 tons, but still some issues with projects under 2250 tons.
 - ii. Use the old spec for projects under 2250 tons but continue the discussion.
 - 1. A small percentage of all projects are under 2250 tons.
 - h. 2021 Section 37 Fog Seals Update
 - i. The spec will be published in the October posting. The final report has been submitted.
 - ii. Training on different preservation techniques is available on the pavement program webpage.
 - i. 100%RAP in chip seal and 100%RAP in slurry seal and microsurfacing
 - i. A draft specification has been drafted and is under review.
 - j. CT125/306 Review
 - i. First phase which is identifying lab is almost complete; need to identify a few more labs.
 - k. Section 30-1 Quality Control Revision (DD)
 - i. DD has been signed. Adjustment has to be made based on the comments received from FHWA. A memo has been prepared to document the changes.
 - l. Non-nuclear and low nuclear gauges for density
 - i. DD will be resubmitted to ATG.
 - 1. Comparing data from non-nuclear and low nuclear gauges.
 - m. Allow Automatic binder extractor
 - i. DD is with ATG for signature.
 - n. Test methods table in section 39
 - i. DD is under development.
 - o. Adding elastic recovery requirement for BWCE as an alternative CT 332 – new (under development)
 - i. DD is under development in PSTG.
 - p. SD for Implementation of BMD – update
 - i. SD is with EC for signature.
 - ii. The working group met with UCPRC to synergize both efforts.
 - q. High RAP and RAS Phase II – new
 - i. Lower layers are low-risk layers.
 - r. Evaluating PLC in pilot projects – new
 - i. Five pilot projects for CIR with PLC have been identified. The objective is to ensure PLC can replace regular cement.
5. Review of Bin List
- a. Asphalt STG Bin List
 - i. None
 - b. Recycling STG

i. It needs to be cleaned out. Details should be provided in the monthly update.

c. PPSTG Bin List

i. None

6. Open Discussion

a. Caltrans Low-Carbon Materials Initiatives

i. <https://dot.ca.gov/programs/engineering-services/low-carbon-materials-initiatives>

b. EPA ban on methylene chloride

7. Roundtable

a. None

8. Action Items:

a. None

Upcoming Meetings:

- Next EC+ATG Meeting: August 15, 2024, 8:30- 10:00 am

Website: [Pavement and Materials Partnering Committee | Caltrans](#)

For all 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](#)