

PMPC Executive Committee/Asphalt Task Group Meeting Minutes

Date: May 18, 2023

Time: 8:30 am-10:00am

Location: Webex Meeting

Facilitator: Tom Pyle

Attendees: Tom Pyle, Tim Greutert, Raymond Tritt, Sudhakar Vatti, Brandon Milar, Charley Rea, Cathrina Barros, Jacquelyn Wong, Mirak Mehari (for Joseph Dongo), Dennis McElroy, Pat Imhoff, Phil Reader, Scott Dmytrow, ~~Chu Wei~~, Liya Jiao, Hadi Nabizadeh

1. Introductions/Review Agenda
 - a. Introductions Round
2. Action Items from 02/16/2023 EC+ATG meeting
 - a. Mirak – Post Plant Gradation forms are complete; follow-up can be sent to Ragu.
3. Introductory Urgent Issues
 - a. Status Update on HMA Acceptance and Pay Criteria and SPF SDs
 - i. HMA Acceptance SD is under review by ATG for review; will be sent to EC next week for review.
 - b. Status Update on BMD SDs
 - i. Kee and Tony are working on the draft SD.
 - ii. Tim – There is a strategic road map; SD helps to achieve the goals incrementally; multiple SDs or one single large SD?
 1. ATG – SDs and Action Plans;
 2. Tom & Tim – SD for specification and SD for pilot projects and implementation.
 3. Tim – Multiple SDs for different specific areas (spec., test methods, research, implementations; etc.); long SD and lost continuity
 4. Brandon – Manage the effort regardless of the number SDs.
 5. **Action Item:** ATG provides monthly updates on the development of SD.
 - c. HyRAP
 - i. Tom – Met with Secretary; The HyRAP producer met with Senator Archellada; Tom will meet with the Secretary and senator next week; Require Caltrans to use this material. Tom's message will be: any new product has to go through PMPC.
 - ii. Recycled pavement is currently being used for several purposes.
 - iii. Only the Hamburg test results were provided.
 - iv. Jackie (in chat) – Was HyRAP ever actually referred to New Product Evaluation Program? That's the proper channel to get documented and put on Caltrans radar.
 - v. Ray – Construction Evaluated Projects/Products Program for Districts to examine innovations; report back to HQ; Use proper channel
 - vi. **Action Item:** Ray sends Construction Evaluated Projects/Products to Tom.
 - d. BBMN and Undergrounding
 - i. Tom – Trenching under pavement; significant on pavement performance; Joint-built but separate vaults; Three requirements: 1) Depth, 2) Backfill materials, 3) Placement in the lane; No new specs for backfill materials.
 - ii. Brandon – Similar discussion in Greenbook.
4. ATG Updates
 - a. Use RAP Up to 40% in HMA and RAS up to 3%

- i. Two WGs were sunsetted. Final report is under development; ATG directed the subtask group to form a new working group (combined RAP 40% and RAS); Three major goals; Major need for more pilots for RAS and high RAP; Industry supports more pilots.
 - 1. Long-term conditioning for crack testing
 - 2. Combine two NSSPs
 - 3. Data collection and evaluation plan
 - ii. Tom – RAS needs to get more attention.
 - b. Post Plant Graduation
 - i. Final report due pushed back to June; Industry comments are under review by ASTG-CT
 - ii. Brandon – Need for documentation and updates;
 - iii. Tim – SD should be very clear on the intended outcome.
 - c. 10% RAP in RHMA-G
 - i. Pilot monitoring stage; Data Collection and Evaluation Plan has been shared; second out of five projects.
 - ii. Brandon – When will UCPRC study report will be finalized?
 - 1. UCPRC and METS have been collecting data; Stage 1 was drafted and under initial review. Finalizing soon.
 - d. Develop CT for FDR-C and Update Specs for UCS
 - i. Milestone extension; FHWA comments have been addressed; PLC will not be incorporated in FDR-C standard 2024; more PLC pilots next year.
 - ii. Tom – PLC should not be overstudied.
 - iii. Charley (in chat) – Portland Limestone Cement has a higher content of the mineral limestone. Limestone is the primary mineral in cement.
 - e. PDR as Surface Wearing Course
 - i. New CT senior and new Industry Lead; Three criteria in the original SD; Issue with two criteria; need to determine whether to adjust the existing SD or closeout and develop a new SD; Need to have a team.
 - ii. **Action Item:** Dennis to provide more clarification on SD and the delay; reassess the path forward in a timely manner (by mid June).
 - f. 2021 Section 37 Fog Seals Update
 - i. Close to finish; Submitted to OCCS; Finalized comments matrix.
 - ii. EC – The monthly update needs to be more clear and more robust.
 - iii. **Action Item:** ATG provides more clarifications and details in the monthly update.
 - g. CT125/306 Review (Ad Hoc)
 - i. The group is on pause while the ILS study is underway; Three sources are needed; Two sources were identified with a third source TBD this summer
 - ii. **Action Item:** ATG provides more clear narration on the monthly update.
 - iii. SD will be needed after getting the ILS results back.
 - h. Zero Speed Inertial Profiler (Ad Hoc)
 - i. The team will present findings to a joint CTG and ATG group; Lesson-Learned; A Joint working group should be formed with reporting to EC which may lead to a SD or DD
 - ii. **Action Item:** ATG defines Ad Hoc.
- 5. Review of Bin List
 - a. Asphalt STG Bin List
 - b. Recycling STG
 - c. PPSTG Bin List
- 6. Open Discussion
 - a. Need more pilots for RAS and High RAP.

- b. Consider nSSP for Just in time training (JITT);
7. Roundtable
 8. Action Items:
 - a. ATG provides monthly updates on the development of BMD SD.
 - b. Ray sends Construction Evaluated Projects/Products Process to Tom.
 - c. Dennis provides more clarification on PDR SD; reassess the path forward in a timely manner (update by mid June).
 - d. ATG provides more detailed narration in the monthly update.
 - e. ATG defines Ad Hoc.

Upcoming Meetings:

- Next EC+ATG Meeting: August 17, 2023, 8:30 am -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](#)