

PMPC Executive Committee/Asphalt Task Group Meeting Minutes

Date: November 17, 2022

Time: 8:30 am-10:00am

Location: Webex Meeting

Facilitator: Ray Tritt

Attendees: Rob Hogan for Tom Pyle, Tim Greutert, Raymond Tritt, Christa Siegenthaler for Gudmund Setberg, Charley Rea, Brandon Milar, Mirak Mehari for Joseph Dongo, Steve Lee for Cathrina Barros, Dennis McElroy, Pat Imhoff, Phil Reader, Todd Vargason for Scott Dmytrow, Chu Wei, Jackie Wong, Ian Sun Chee Fore, Kelly Lorah

1. Introductions/Review Agenda

a.

2. Action Items from 05/19/2022 EC+ATG meeting

a. None

3. Introductory Urgent Issues

a. Binder Content

- i. **Action Item:** Phil Reader – requesting to meeting with EC CT – single test rejection/Binder Content Impasse to discuss more about the progress. Besides the EC Industry members, meeting would include from TG Industry – Pat Imhoff, Phil and Tony Limas. **DONE**
- ii. Jackie – ATG hasn't had a chance to talk with Industry. Phil/Industry hasn't had a change to talk with ATG; conclusion of the meeting was to request this meeting with EC.
- iii. Brandon – solution – understand – higher level to put in place; SPF – need to revisit and have those discussions – need upper management engagement.
- iv. Ray – Caltrans made a propose, and Industry made a counter propose – could fix the problem. Caltrans and Industry working on a solution. Test turnaround time is getting in the way.
- v. Tim – agrees to meet, but not cross thread with what the ATG is doing

4. Pilot Project Tracker Update

- a. Presenting an updated version of the tracker to include Requested columns (L - Data Evaluated by WPG and M – If Data Collection Incomplete) to all the tabs
 - i. Tim – appreciated the notes, very useful; ATG – will have this as a monthly/quarterly standing agenda item – useful tool.
 - ii. Steve – has an updated tracker list - the tracker is a work-in-progress. Pat and Phil agree.
 - iii. **Action Item:** Steve have the same columns for all the tabs – will update.
 - iv. **Action Item:** Steve will work with ATG to get the contact information and who is responsible for the projects.
 - v. **Action Item:** Steve will send to Ian to post to the internet once updated
 - vi. Post Plant Gradation added columns (L - Data Evaluated by WPG; M – If Data Collection Incomplete)
 1. Needs to add contact tab – addressed in action item request.
 - vii. Statistical Pay Factor added columns (L – CT Data Collection Contact; M- Required Data Collected; N – Data Evaluated WPG; O – If Data collection Incomplete Report Status)

5. ATG Updates

- a. RAP up to 40% and RAS up to 3%
 - i. Current working groups – sunset - A new group will be form combined the 2 efforts, in the end of January 2023; task – long term aging process, to use and modify nSSP and data collection that has been done and those that will be coming out.

b. Post Plant Gradation

- i. Work Product Group – request to change the milestone to March 2023 – Tony Limas is confident of getting this completed – recently signed Extension request memo – will be sent to the EC
 1. ATG take – Phil and Pat – moving in the right directions; fixing sample problems with rubber – resolved – there shouldn't be a problem.
 - a. Phil – there is a meeting going on today for standardize batching for aggregate correction factors.
 2. Brandon – what is the next step for implementation – existing and future projects
 - a. Pat – haven't discussed as much in the ATG; work product group finishing the spec.
 - b. Next ATG meeting will discuss specification
 3. Ray – after 2022 there will be a new Standards and Specs Plan book every year.
 4. Tim – how is #4 (Update Mix Design Forms and DIME entry) will need to be worked on.
 5. **Action Item:** EC (Tim) will send an update to Industry regarding update on DIME

c. 10% RAP in RHMA

- i. Pilot projects have recently been awarded; Data collection plan together – pilots projects are active
- ii. Tim – schedule issue/concern with – is the task group manage – Jackie and Phil - impasse on the air voids; UCPRC is now involved with rapid rubber
 1. Phil – would like a better update from UCPRC
- iii. **Action Item:** Kelly will update notes with extension updates.

d. Fog Seals

- i. Tim – how is it getting district perspective? – having John input – Steve is appreciating his input. John knows the history on fog seals.
 1. Any training: implementation plan – logistical plans – Street readiness is important
 2. Todd – is the next step; lack of knowledge is a problem but have the equipment.
- ii. Todd – moving along – specs ready for comments – project selection is important – maintenance is using it inhouse and doing it well
- iii. **Action Item:** Kelly will update Biplab for METS representative on the WG. **DONE**

e. FDR-C

- i. Reporting 90% complete.

f. PDR as SWC

- i. Reporting 50% complete.
- ii. 3 pilot projects – D6 and D8 – happy with the progress – updated the design guidebook with UC Davis – updated the website
- iii. Tim – happy to hear about reducing cost and the collaboration

6. Review of Bin List

a. Asphalt STG Bin List

- i. Quality Characteristics - Pat - single test rejection/Binder Content - Industry's intent – stop gap in place before its implemented – refine what the bin list item description is
- ii. Balance Mix Design – Short Scoping Document – with the EC for review
- iii. Direct Feed RAP – Phil – this is for grindings

b. Recycling STG

- i. #5 – Update gravel factors for Partial Depth Recycling (PDR)/Cold Central Plant Recycling (CCPR)/Full Depth Recycling (FDR) - needs to have a more of a discussion with STG and ATG

1. Response to Brandon's effort question - Dennis - Industry felt it was way undervalued – latest design guidance is in line with HDM – a bump increase in the value of the material. Time and energy on HDM if it will become obsolete with CALME coming online.
 - ii. #6 – Create PDR monitoring plan for PDR pilot projects – place holder to keep discussion going
 - c. PPSTG Bin List
 - i. TG met with Industry to review list order and will get back to Caltrans
 - ii. Ray - #6 – Full revision of Section 37 to address FHWA recommendations - what recommendation did we get?
 1. Steve – there were many suggested Section 37 changes from FHWA; this may need to be moved; timeline to discuss with PPSTG could be right after Fog Seal effort has been completed; currently no timeline commitment (in writing or verbal)
 2. Chu – provided a review to Steve last year – best practices – future improvements
7. Open Discussion
- a. Binder Content (Mirak) – covered earlier in the meeting; meeting was schedule November 29th to discuss more.
 - b. Balance Mix Design Meeting (Jackie) – with EC to review - the purpose of this effort is to begin the adoption of Balanced Mix Design (BMD). BMD implementation is a broad term used for performance-based specifications that include state-of-the-art cracking and rutting performance tests to better predict how well modern-day sustainability driven asphalt mixes resist common forms of distress.
 - i. Chu - “Eight Tasks Towards Implementation of Balanced Mix Design for Asphalt Mixtures”. Register now to participate. For registration:
https://unr.zoom.us/meeting/register/tZYrdeyprjgjH9c7ASM9iC29Tdf_eyB4wrgV
8. Roundtable
- a. Brandon - ATG looked at the current work product group efforts and then identify any pilot projects – for the next 3 years – products that are wrapping up that needs to be pilot projects - ie SPF; RAP and RAS
 - i. Phil - ATG has not done that yet – most pilot project selection has been done on the department side. Haven't talked in the task group meetings.
 1. **Action Item:** Ask of the task group reach out to the Sub-task group to capture that and then provide an update at a higher level. Needs and current assessment – **Kelly has this capture on her action item list**

Next EC+ATG Meeting: February 16, 2023, 8:30 am -10:00 am