

# PMPC Executive Committee/Asphalt Task Group Meeting Minutes

Date: November 21, 2019

Time: 8:30 am-10:00am

Location: Auditorium, Translab, 5900 Folsom Boulevard, Sacramento

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Facilitator: Sergio Aceves

Attendees: Sergio Aceves, Dan Speer, Ray Hopkins, Elias Kurani, Brandon Milar (phone conference), Charley Rea, Tom Pyle, Ken Solak, Tim Greutert, Tracy Zubek, Charley Rea, Doug Mason, Cortney VanHook

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## 1. Introductions/Review Agenda

- I. Sergio welcomed new members Elias Kurani (representing SP&I, replacing Ruth Fernandez) to the Executive Committee and Ken Solak (representing Construction, replacing Blair Anderson) in the ATG and CTG committees.
- II. Sergio, on behalf of the Executive Committee, thanked Dan Speer for his service on the PMPC Executive Committee as this is his last official meeting.
- III. Dan said he is pleased with the progress we have made in the PMPC versus the old Rock Product Committees. Changes taking place will be: Ray Hopkins temporarily acting for Dan Speer starting December 18 and Bill Casey (D4) acting for Ray Hopkins.
- IV. Charley Rea really appreciated Dan's help over the past ten years in the areas of concrete in METS.

## 2. Action Item from 8/15/2019 Meeting (All):

- I. No action items.

## 3. Introductory Urgent Issues (All):

- I. Dan announced Cal OSHA has lowered the silicate dust threshold at laboratories. Caltrans Chief Engineer issued a memo stating no more aggregate testing at Caltrans labs until a solution is found. Caltrans is looking into respirators and some interim solutions to allow us to continue testing. This may shut down some of the smaller labs in Caltrans. The new office of Central Laboratory under acting chief Eric Olives is working on the silica dust issue.

## 4. ATG Work Products

- I. Statistical Pay factor (SPF) (Tom Pyle):
  - a) Working group is working on recommendation from EC on dispute testing on non-pay factor quality control A new team will be needed to carry this specification forward for evaluation. Working group is looking for 5 pilot projects to use the specification on and evaluate the pay factors and tracking system.
- II. RAP Up to 40% in HMA (Ken Solak):
  - a) Draft specification will be completed end of December. RAP working group was put on hold while they also developed the RAS specification. Lessons learned in RAS group also applies to RAP effort. Working group is looking at the various crack testing in AASHTO, ASTM or CT test methods. Caltrans needs to work through tests and tolerances. Also, Caltrans needs to look at equipment needs for the crack tests.
- III. Update Section 94 (Tom Pyle):
  - a) Specification is waiting to be posted by Office of Construction Contract Standards in April 2020.
  - b) Training and guidance would be a memo to designers and maintenance engineers informing them of the recent changes to section 94.
- IV. CT 125 Scoping Document (Tim Greutert):

- a) CT 125 and CT 306 have been converted to new ADA compliant test templates. Task 4, Finalize and Publish should be complete in next few days.
  - b) Caltrans needs to update the joint training curriculum and training materials with new updated tests and send the update to those already trained.
  - c) What does industry want? Caltrans can issue a CPD to use the new test methods if a lot of projects want to use or we can implement on existing projects by CCO if just a few projects.
- V. HWT for RHMA Mixes Scoping Document (Tim Greutert):
- a. CT 389 was reviewed by State Materials Engineer and was signed. The test method will be published in a couple of days.
  - b. Task 7 Develop round robin work plan is a laboratory round robin test to evaluate material variability from same material source between various laboratories.
  - c. Dan Speer wanted to express his appreciation of what the team accomplished on the variability of the test.
- VI. Evaluate the New HMA Smoothness NSSP for Asphalt Pavements Scoping Document (Tom Pyle):
- a. Caltrans has 140 projects with the smoothness specification but only has data from approximately 12 projects.
  - b. Caltrans will use Pavement's NCE contract to have the smoothness data analyzed on the ongoing projects.
  - c. Discussion on bridge smoothness, does the contractor capture the bridge data. Yes, they do capture bridge data but exclude it in their smoothness evaluations.
  - d. Asphalt Pavement trained 60 employees in District 3 on pavement smoothness.
  - e. Tim Greutert still has four inertial profilers and looking for any district who wants one.
- VII. Recycled Asphalt Shingles (RAS) up to 5% (Ken Solak):
- a) Draft RAS specification is complete. Working group is still looking at the different crack tests (Ideal and ifil crack tests) appropriate for RAP/RAS in hot mix asphalt. Working group is looking at test methods involved. This specification will probably be rolled out on an existing project to do a shoulder or lane and then do a side by side comparison of performance.

5. Review of Bin List (Tom Pyle):

- I. The top priority on the list, allow use of RAP in Rubberized Hot Mix Asphalt is on hold for up to a year. Committee wanted to review UCPRC heavy vehicle loading data from the RAP in RHMA test section. Tracey asked what is Caltrans concerned about, it is such a small amount of RAP. Is Caltrans afraid it will fall apart? Tim: Caltrans needs to tie pavement performance on cracking to applicable test methods.
- II. Asphalt sub task group has submitted a draft scoping document for Post Plant Gradation to ATG that they are still reviewing.
- III. Preservation sub task group has submitted a draft scoping document, to review and update section 37, to ATG that they are still reviewing.
- IV. Moving forward with DIME implementation. Executive Committee may need to reconsider decision to remove DIME implementation from bin list. Caltrans may need to bring industry on to get them involved.
  - a. Brandon Milar: Industry has concerns on the DIME sign on and the structure of the sign in for labs with multiple people. DIME has a sign in request for a company and some companies have multiple labs.
- V. ATG will discuss priorities for the bin list in their next meeting.

6. Impasse Recommendation

- I. The NSSP is finalized. Caltrans is working on a memo addressing the EC resolution to SPF impasse with attached draft specification. Memo will address state can test at its discretion for non-pay factor characteristics. Samples will be taken in consecutive sub lots with option to request third party testing and working out the details of who pays of third-party testing. Testing will be on a risk-based approach. Four failed tests to halt production. Brandon Milar: No mention of witness testing or DIME implementation. It will be addressed.

7. Round Table:

Ran short on time, no round table discussion.

8. Action Items

- I. Send out 1 year look ahead of large pavement projects to Tom and Tim for consideration in using SPF specification. (Doug)
- II. Tim to meet with Brandon Milar to discuss industry sign in issues with DIME. (Tim Greutert)
- III. Executive Committee to review draft SPF specification (ALL)