

PMPC Executive Committee/Asphalt Task Group Meeting Minutes

Date: May 20, 2021

Time: 8:30 am-10:00am

Location: Webex Meeting

Facilitator: Shaila Chowdhury

Attendees: Tom Pyle, Raymond Tritt, Brandon Milar, Dennis McElroy, Ken Solak, Tim Greutert, Kevin Keady, Pat Imhoff, Charley Rea, Doug Mason, Phil Reader, Jeremy Peterson-Self, Kelly Lorah, Scott Dmytrow, Shaila Chowdhury

1. Introductions/Review Agenda

- I. Group introductions were held to acquaint everyone with Shaila as the acting State Pavement Engineer.
- II. Group reviewed the agenda.

2. Action Items from 02/18/2021 EC meeting:

- I. Phil to contact Jack van Kirk to see what records he might have on the decision to move from a 1-hopper to 2-hopper operation. (Phil R) Completed, Jack has mountains of records. Jack's info was forwarded to Ken. Ken spoke with Jack, and he is willing to help as witness or testimonial or documents to keep momentum going on what the intent of the specification at the time.
- II. Phil and Scott to check with Rubber Suppliers to see if they are doing the testing of high natural rubber in their supply chains. (Phil R and Scott D.) Completed. Rubber supplier is doing chemical testing for high natural rubber in accordance of specifications and testing frequency.
- III. ATG to work out how best to resolve the issue of the 1-hopper versus 2-hopper system. (ATG) Ongoing. **Action Item: ATG to provide update at next ATG meeting.**
- IV. Allen to send mix information to Brandon and Charley on what Asphalt STG is looking for in RHMA-G with RAP mixes. (Allen K/Kee F) Completed
- V. Recycling group to add pilot projects for CCPR as a separate item on their bin list and prioritize. (RSTG) Completed, item 5 on RSTG bin list.

Action Items from 11/19/2020 EC meeting:

- I. EC needs to have more discussion on the pilot project process to support TG's in getting more pilot projects from districts. (EC) ongoing in multiple directions, Completed
 - a. Update: Ray Hopkins is delivered a construction presentation to PDAC, encouraging districts to take on pilot projects to help with sustainability items for the Department.
 - b. Sergio pursued direction with Pavement Steering Committee under Maintenance to carve out \$8 million from the HM1 program to help fund pilot test sections in district projects.
 - c. Update: Pavement will be presenting at another Project Delivery Advisory Council (PDAC) in their next meeting

Discuss working group for pilots in EC meeting.

- o Most members of the ATG feel the Sub Task groups (STGs) should track their pilot projects for their work products.

3. Introductory Urgent Issues (All):

- I. Phil – Industry has three things that came up in our industry meeting that concern us.
 - a. Asset Management Program – Industry is concerned after the presentation that Asset Management Program is a roadblock to the PMPC and want it noted on the record. It is an impediment to deliverables coming out of the PMPC with our pilot projects.
 - i. Shaila is having conversations with Asset Management on this topic.
 - ii. Tim: Any solutions in your discussions?
 - iii. Industry has some ideas. Coming out of the Asset Management presentation, we understand you have to be held accountable on how you spend taxpayer dollars with SB1 funding but Asset Management has no clue who the PMPC is or that we were having issues getting

- districts willing to take on pilot projects that are focusing on sustainability and innovation for the department.
- b. Industry is hearing reports from the Central Region that Caltrans lab people are not running CT306 because they are not certified or Independent Assurance (IA), that CT306 is being revised so not performing the lab work. District folks are saying they can't do the test.
 - i. Caltrans allows testers to take training outside of IA.
 - ii. Pat does not understand why district staff (D5 & D6 field labs) aren't getting certified when industry staff were just certified in March.
 - iii. **Action Item: Jeremy to follow up with IA with D5 and D6 to see what is going on.**
 - iv. Not sure what the confusion is, CT 306 is posted. METS is considering a revision; it is looking at reducing the temperature run for the test, but we will involve industry when it is time for the revision.
 - c. Industry has an issue with Central Region Labs when it comes to third party testing lab disputes for resolution. District is saying the contractor suggested lab that is both AASHTO and Caltrans accredited is subpar and the lab testing favors the contractor.
 - i. Is this just 1 project or multiple?
 - ii. **Action Item: Jeremy, Ken, Phil, and Pat to investigate the issue with 3rd party testing lab issues in the Central Region.**
4. ATG Work Products
- I. RAP Up to 40% in HMA:
 - a. We have two projects identified in the HM1 program for this summer. Still having issues with soliciting districts to take on pilot projects.
 - II. Evaluate the New HMA Pavement Smoothness Specification Work:
 - a. Team put together report which is out for review. Working group analyzed a lot of data and the report should be out next week.
 - b. Construction is putting together a Construction Policy Bulletin (CPD) on areas of localized roughness (ALR) with a single lift overlay strategy.
 - c. Tim: Did the working group look at the equations in the specification? Yes, the equation is very similar to the first-round specifications equation. There were some tweaks to the incentive and disincentives.
 - III. Recycled Asphalt Shingles (RAS) up to 3%:
 - a. One pilot project was advertised, and George Reed was awarded the project. Need additional pilot projects to evaluate the mixes.
 - IV. Section 37 Update:
 - a. Work product specification submitted to Construction Contract Standards. The specification should be in next release in July or possibly October.
 - b. Group is moving forward, developing training will be next.
 - V. Post Plant Gradation
 - a. There was milestone extension request in April, new milestones dates for milestones 4, 5, and 6 are not shown.
 - b. Working group is looking at the DIME entry to be stored whether the entire JMF or just the test method for Post Plant Gradation.
 - c. Provisional training will be outside of the IA since the specification developed is an NSSP. Tim: We shouldn't be adding items to the joint training program until we have figured out the issues with the work product as an NSSP.
 - VI. RAP in RHMA:
 - a. Working group still trying to find pilots.
 - b. We have one mix that was sampled. We have a pilot project that will produce more samples for testing. UCPRC will be doing testing for the project
 - i. METS would like to do some testing to correlate the data too.
 - ii. Tim: Does industry have any sample mixes? Three samples have been submitted for testing, one mix didn't work out, but another mix did.
 - VII. Write nSSPs for CCPR:
 - a. Scoping document just signed 4/13. Requesting an extension for two months. Group really hasn't started meeting yet and we need to get the momentum going.

- b. Tim: What CTM is being proposed to change? Dennis: We are switching the language for equipment. Will be using CTM just created, need to review to see if works with the equipment and may need to tweak CTM after review.

VIII. Review Closed/Tracking List

- a. SPF – When do you think you will have data to analyze for SPF? Assuming we will have data to look at by 2022.
- b. Need to expand the roles and responsibilities for the STG to include tracking pilot projects.
- c. Scott: The Pavement Preservation STG has used Chico Pavement Preservation Center to review the post pavement preservation projects and was working well for us.
- d. Tom: We are developing a task order for Chico to develop post construction reports.
- e. Ken: I recently sent the quarterly report on SPF to Kelly, not sure she shared that with the EC. Will have her send it out to everyone.

5. Review of Bin Lists (Jeremy):

I. Pavement Preservation STG Bin List:

- a. Working group is working on fog seal scoping document.

6. Pilot Project Update:

- I. Over the past two years, there has been a little frustration getting pilot project. Sergio used the Maintenance Executive Board to get \$8 million out of the HM1 program to help offset district costs in taking on a pilot project. The first effort to use this fiscal year's (FY) money is to find an ongoing project to fund a CCO for efforts on pilot specifications.
- II. The In-Place recycling industry has a few efforts going to compare partial depth recycling with different binders and types of machines/equipment for recycling.
- III. Post plant production and RAS are pilots and we are exploring test sections to evaluate binders.
- IV. We have used about \$3 million for pilots for this FY for the additional cost to insert work products into a project.
- V. Tim: Do we have projects that involve both SHOPP and HM funds?
 - a. Yes, SPF is on projects with HMA or RHMA greater than 15,000 tons are SHOPP, some HM projects are also pilots. Tom is hopeful the SHOPP managers will come up with a funding source for pilots in the SHOPP.
- VI. Charley: Are you prioritizing the pilots to complete PMPC projects??
 - a. For the most part, almost all the pilots are for PMPC projects. A district can propose an innovative strategy to try.
 - b. It is hoped the pilot projects are prioritized for PMPC projects since that is where the need has arisen and they are projects for which there is a consensus with Caltrans and industry.
 - c. Process is still new; guidance is still being developed.

7. Open Discussion (All):

- I. None

8. Roundtable / Review Action Items / Next Meeting

Action Items

- I. ATG to provide update on the 1-hopper vs. 2-hopper issue at next quarterly PMPM + ATG meeting. (ATG)
- II. Jeremy to follow up with IA on CT306 with D5 and D6 to see what is going on. (Jeremy)
- III. Jeremy, Ken, Phil, and Pat to investigate the issue with 3rd party testing lab issues in the Central Region. (ATG)
- IV. EC to discuss working group for pilots in EC meeting. (All)

Next Meeting: August 19, 2021

8:30 am – 10:00 pm