

PMPC Sponsors/Steering Committee/ Executive Committee Meeting Minutes

Date: July 18, 2019

Time: 8:30 am-10:00 am

Location: Auditorium, 5900 Folsom Boulevard, Sacramento

Attendees: Karla Sutliff, Rachel Falsetti, Dennis Agar, Sergio Aceves, Dan Speer, Ray Hopkins, Ruth Fernandes, Brandon Milar, Charley Rea, Deepak Maskey

Meeting started with self-introductions and the following items were discussed:

1. Action Items from 4/18/2019 Meeting:

All action items are accomplished, and the following was discussed:

Sergio Aceves informed that Caltrans is developing training materials for the pavement recycling strategies focusing on Full-Depth reclamation (FDR) and partial depth recycling which will be used to train all Caltrans Districts engineers. Also, there may be opportunities to include local agency design engineers in training.

2. Opening Comments (PMPC Sponsors):

Karla Sutliff praised the collaborative efforts of Caltrans and Industry, and the performance of PMPC. She wanted to meet and resolve any issues by bringing to the Sponsors + Steering Committee + Executive Committee level meetings.

Dennis Agar thanked to EC for smoothly conducting PMPC, and especially for Caltrans working with Industry partners.

Rachell Falsetti pleased with the formation of PMPC structures and overall performance of PMPC. She praised the accomplishment of new pavement smoothness specifications and its implementation

3. Status of Work Products: (Sergio Aceves)

All Work Products are on track and the followings were discussed:

ATG Work Products:

I. Update Section 94:

Work Product Group completed all the work and the Revised Standard Specification section 94 is sent to OCCS for publication. OCCS liaison suggested to wait for the January 2020 publication due to the last hour request and their overwhelming workloads.

II. California Test 125:

The work on California Test 125 is nearly complete except issue of placing Quarter Master either in general section or appendix B (HMA). EC members suggested to move forward without considering Quarter Master but have separate work to address Quarter Master issue.

III. Hamburg Wheel Track Test for RHMA-G Mixes:

Work Product group completed work and submitted recommendation for changes in specification and developing a new test method. Caltrans specification owner is in the process of updating specification and publishing as RSS. Caltrans METS is working internally to publish a new test method CT 389.

IV. Evaluate the New Hot Mix Asphalt Pavement Smoothness Specification:

Approval of NSSPs for the new smoothness specification for HMA projects is growing every week but not all projects with the proposed NSSP will make construction this year. The information on smoothness from those constructed projects can be extracted.

V. New SD "Recycled Asphalt Shingles up to 3% in HMA":

Scoping document has been finalized and sent to Executive Committee for review and approval.

CTG Work Products:

I. Evaluate the Revised Concrete Pavement Smoothness Specifications:

Out of 25 approved new smoothness NSSPs for concrete pavement projects, only few have gone for construction, and enough smoothness data may not be available for analysis. Caltrans is implementing a new smoothness specification through the Change Order and later through Construction Procedure Directive (CPD).

II. Precast Pavement-Phase II Enhanced Job Site:

Discussion on certain risk register is going on and the delivery due date will be met for the milestone "1. Develop Risk Register and summarize priority agreement in the report."

III. Recycled Crushed Concrete Aggregate for use in Cast In-Place Concrete Pavement:

Source of recycled crushed concrete aggregate either internal or external will be included in the literature search report.

IV. CT 523 Method Testing for Flexural Strength of Concrete:

FHWA has no issue with contractor to provide curing environment, and the issue of providing curing environment will be resolved and work will move forward.

4. Potential Work Products for 19/20: (Sergio Aceves)

Priority in bin lists can be changed based on urgency, and the Items from the bin lists will be used for developing new scoping documents based on the priority and availability of resources.

5. Topics Out of PMC:

I. Recycled Materials:

Karla Sutliff suggested that Industry and Caltrans use considerable amount of recycled materials but need to record used quantity and share information. She asked Caltrans Construction to come up with the mechanism to record quantity of recycled materials used in Caltrans projects but iterated that the use of recycled materials should meet the quality of work.

Rachel Falsetti informed that other DOTs i.e. Nebraska have introduced mechanism of tracking recycled materials used and this process can be helpful to develop mechanism to track quantity of recycled materials used in Caltrans projects.

Ray Hopkins suggested to include label like nutrient label for percent of recycled materials used in the front sheet of plans.

Brandon Milar informed that Industry have lot of good stories to tell about the use of recycled materials but waiting for right time to share successful stories through CalAPA magazine.

II. Test-Turnaround Time:

Brandon Milar briefed that in 2014 multiple industry associations jointly wrote a letter to then CSTA Secretary Kelly and included two items, timely reporting of test results and Joint Training and Certification (JTCP). The JTCP is complete but effort to improve timely reporting of test results got stalled. This is very critical to get resolved as it will affect SB-1 project delivery. He gave example that most of the test results come after a week of all paving work done which affect production of paving. He suggested Caltrans to revise guidelines to reduce test time by focusing on the key testing parameters.

Ray Hopkins made aware that geographic project locations, availability of equipment, and queuing at laboratory affect testing time. He suggested industry to provide specific testing issues, so Caltrans can immediately initiate to resolve. He further suggested that Contractors should rely on the QC data to control their construction. He recommended to have a brain storming meeting with industry to identify actual jobs and testing issues.

Karla Sutliff suggested to dig detail in the project level and look for specific tastings. She further suggested to be efficient and evaluate benefit cost analysis for justification to use more resources.

All agreed to have a brain storming session with right people in a small group and focusing at target time.

6. Open Discussion:

I. SB-1:

Charley Rea asked about SB-1 Work Group work progress.

Ray Hopkins briefed that every other month meetings are held. SB-1 Team is focusing on the capacity of industry and considering allowing stock piling of aggregates, encouraging recycling efforts, and resolving issues including for stripping and asphalt overlay.

II. Ct Website:

Brandon Milar appreciated that comparatively more information is available on Caltrans website than other DOT sites. He further enquired status of full website up and running and mentioned that several important documents are no longer accessible including test methods.

Karla Stuliff informed that the IT requirement of Caltrans Web Accessibility for All (CWAA) has become little complicated than thought earlier but frequently requested documents can be directed to the right person.

7. Action Items.

- I. Take lead on Test-Turnaround Time and report back to Sponsor + Steering Committee+ Executive meeting on October 17, 2019. (Ray Hopkins/Brandon Milar)