

# PMPC Sponsors/Steering Committee/ Executive Committee Meeting Minutes

Date: January 17, 2019

Time: 8:00 am-10:00am

Location: Room 2116 - Directors Board Room/HQ - 1120 N Street, Sacramento

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Attendees: Steve Takigawa, Karla Sutliff, Dennis Agar, Rachel Falsetti, Bob Finney, Sergio Aceves, Dan Speer, Ray Hopkins, Sue Hida, Charley Rea, Mike McManus, Charles Stuart, Jackie Wong, Deepak Maskey

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Meeting started with self-introduction and the followings were discussed:

## 1. Environment Product Declaration (EPD):

Jackie Wong briefed on Caltrans' implementation effort for EPDs for 4 eligible materials mandated by CA Assembly Bill 262 "Buy Clean California Act," and for additional 3 materials i.e. Concrete, Asphalt, and Aggregate, for pilot projects.

- I. Non-Standard Special Provision (NSSP) has been used on 5 pilot projects to collect EPD data and planned for piloting additional minimum 10 projects.
- II. Standard special Provision (SSP) has been posted for the AB 262 mandated materials and this will be applied to all projects bid opening after 11/30/2018 for EPD data collection.
- III. METS maintains EPD website for resources, pilot project listing, contacts, and additional information is available at <http://www.dot.ca.gov/mets/ab-262/>

Steve Takigawa said that EPD will be used for materials incorporated in projects and environmental life cycle assessment (LCA) will determine use of materials even though it is relatively expensive with upfront cost. He also suggested to educate and disseminate to Industry by partnering with them.

Karla Sutliff suggested that development of EPD for materials is initial step to move forward for the complete environmental life cycle assessment (LCA) to utilize for making project decision.

Charles Stuart was concerned with additional cost associated with EPD requirements and suggested to look from other aspects in addition to the environmental for making decision on use of materials.

Charley Rea appreciated Caltrans data driven approach for the development of materials EPD.

## 2. Opening Comments (PMPC Sponsors):

Karla Sutliff remarked on EPD presentation and suggested that environmental items need to be considered for any work as Caltrans promoting sustainable approach for Caltrans projects. She also encouraged for partnering effort with Industry and suggested to bring up any issue to PMPC forum.

Steve Takigawa asked how PMPC should move forward to achieve its goal and he wanted to participate more to keep PMPC on track. He suggested to increase recycling of pavement materials for sustainable pavement practices, do more than just literature search for adding RAP 40% in asphalt pavement, and develop detail workplan for use of RAS in asphalt pavement.

## 3. Industry Input:

Charley Rea said that while in the beginning there may have been different levels of understanding within industry and Caltrans on the changes in the PMPC, everyone now seems to know the new processes and structure. The scoping documents went through a lot of review, with the benefit being

that there is better understanding of the objectives, as well as involvement and buy-in from more levels of Caltrans. Many people from different backgrounds are brought together to work in Work Product Groups. He also informed that Industry will work with Caltrans in collaboration for pavement smoothness implementation, and PMPC forum is the best place for Industry to communicate with Caltrans.

#### 4. 2018 PMPC Process Overview:

Sergio Aceves gave brief overview of how the initial PMPC process rolled out adhering to the standard operating procedures (SOP), formation of 2 Task Groups (TG) and 6 Subtask Groups (STG) Chaired by Caltrans.

- I. Total of 10 Work Product Scoping documents have been approved and 10 Work Product Groups are formed to carry out work in compliance to the scoping documents.
- II. Three calendars each for Executive Committee (EC), Asphalt Task Group (ATS), and Concrete Task Group (CTG) meetings have been published on PMPC website.
- III. For transparency, all minutes from EC, TGs and STGs meetings have been posted on the website.
- IV. The approval of Work Product scoping documents took a long time due to lack of standard procedure. Executive Committee decided to develop standard procedures to streamline scoping document approval process. In addition, it was recommended to have bin list for future Work Products.
- V. PMPC Organizational chart is available at <http://dot.ca.gov/maintenance/docs/pavement/pavement-materials-partnering-committee.pdf>.

#### 5. Update of Work Product Scoping Documents:

Karla suggested that permanent groups are accountable to resolve any issues and need to move up for resolution.

Steve informed that Sponsors will participate more in PMPC process for monitoring milestones as to make sure all Work Products complete on time.

It was suggested that the details on implementation of pavement smoothness specification and EPD will be dealt outside the PMPC.

Sergio briefed about approved scoping documents, additional scoping documents under development, status of 10 Work Products, and updating system for due dates by crossing old date and writing new due date below old one.

- I. Evaluate the Revised Concrete Pavement Smoothness Specification:  
It was suggested to have interim status report when due dates of milestones are far apart.
- II. Recycled Crushed Concrete Aggregate for Use in Cast In-Place Concrete Pavement:  
Industry suggested to have ability to track quantity of recycled concrete aggregate (RCA) used in Caltrans projects and this can be included in sustainability report. Caltrans suggested to deal outside the PMPC within the Caltrans for tracking RCA used in Caltrans projects as it is not covered in Work Product scoping document.
- III. Rap Up to 40% in HMA:  
Steve suggested to include other milestones pertaining to the sustainability in addition to the literature search and involve Industry for more input. Industry recommended to use words “best practice review” instead of “literature review”.
- IV. Update Section 94:  
Dan briefed that Executive Committee is aware of aggressive schedule.
- V. Hamburg Wheel Track Test for RHMA-G Mixes:

- a. Interim report to modify HWT test method will be provided to RE.
- b. Decision document will be developed.
- c. Ray Hopkins said that construction risk will be included in addition to the cost saving.
- d. METS will perform reference testing and test results will be posted on METS maintained database DIME.

6. Potential Work for 19/20:

Sergio explained about maintaining bin list for ideas or issues for the potential Work Products. These ideas will be reviewed, prioritized, and get selected for development of scoping documents for next year.

7. Open Discussion:

- I. Industry informed that materials suppliers have huge amount of RAP and requested to utilize in asphalt pavements.
- II. Sergio informed that due to different sources of RAP it has variability and need to be analyzed for its suitability to use in pavements.
- III. Steve suggested to include in workplan to utilize and control application of RAP.

8. Action Items:

- I. Include in next meeting agenda for items outside of PMPC workplan.
- II. Include additional deliverables "interim updates" with due date June 2019 for Work Product "Evaluate the Revised Concrete Pavement Smoothness Specification".
- III. Caltrans work outside PMPC for tracking used recycled concrete aggregates (RCA).
- IV. Develop Work Product scoping document to track smoothness for asphalt pavement similar to concrete pavement.
- V. Develop Work Product scoping document to use RAS in asphalt pavement.
- VI. Add new milestones to show development of NSSP to Rap Up to 40% in HMA scoping document.
- VII. Replace "Priority" with "Reference Number" in Work product status reporting spreadsheet.