

PMPC Concrete Pavement Subtask Group (STG) Meeting Minutes

Date: December 7, 2023 (Thursday)

Time: 1:30 PM - 3:00 PM

Location: WebEx

Facilitator: Dulce Rufino Feldman (Caltrans Chair)

Industry Lead: Bruce Carter

Attendees: Deborah Yost, Deepak Maskey, Mohammed Shamol, Charles Stuart, Clay Slocum, Jon Hamilton, and Arshad Vali (Guest)

Not in Attendance:

1. Welcome and Introductions:

Self-introductions were shared.

2. Past Meeting Minutes:

A. The minutes from the last meeting on September 7, 2023, were reviewed. No comments were made.

B. Status of Action Items from Last Meeting on June 1, 2023,

i. Charles to take minutes and email the draft to our group for comments. Complete

ii. Dulce to send out the agenda for our next meeting. Complete

iii. Dulce to work with OCCS on Skid Resistance spec revision. In Progress

iv. Deborah to report back to us on the HMA SPF specification. In Progress

v. Dulce, Charles Deborah and Jon to pursue compressive data from current and recently completed projects. In Progress

3. Decision Documents Updates:

A. Decision Document on Section 40 Skid Resistance Testing

Dulce will prepare the revised specification language and work with OCCS to submit the specification updates before the April 2024 deadline. The specification change is expected to be published in October 2024. A CPD may be published before the specification is published. The group discussed if change order could be used to implement the new specification before the specification is published. CPDs now need to be approved by the Office Chief of Construction Administration.

4. Scoping Document Updates:

A. Concrete Pavements with Rapid Strength Concrete

Scoping Document has been approved. The WG is reviewing existing specification language to identify inconsistencies and redundancy. The group plans to include maturity testing and acceptance based on compressive strength in the draft specification. They have begun work on their final report. The final report will include a draft of the final specification language.

B. Concrete Pavement Acceptance Based on Fixed Value of Compressive Strength

The SD has been approved by all required individuals. A signed copy should be sent to our STG in about one month. The Working Group has been identified. Our STG discussed making a coordinated outreach to REs, contractors, and testing companies for strength data from projects. The group discussed the possibility of having different acceptance values for RSC versus conventional concrete.

C. Short Scoping Document on Statistical Pay Factors for Concrete Pavements

Charles prepared the initial draft and sent to Dulce for review. Dulce will continue work on the draft and send to our STG for review. Dulce and Deborah plan to meet with Caltrans individuals involved with implementing SPFs on HMA projects to discuss lessons learned.

5. Update about the Concrete Materials STG Working Groups:

Work on ASR is delayed as the focus has shifted to EPD and sustainability efforts. Research on SCMs is underway at UCPRC and Oregon State.

6. Update about the Bases and Foundations STG Working Groups

Deepak provided an update of the activities underway in the Base and Foundations STG. The group discussed efforts to update the jointing requirements in the LCB specification. An HMA base for concrete pavement SD has been started.

7. Bin List:

It was decided to review the Bin List at the next meeting.

8. Open Discussion:

- i. Caltrans EPD program is supporting the development of EPDs by industry.
- ii. Updated HDM for concrete pavement structural sections. Outreach planned.
- iii. Parking lot design training planned for 2024 in Sacramento.
- iv. FHWA pooled fund – Dulce submitting joint filling.
- v. Caltrans will be conducting concrete pavement site visits with FHWA.

Action Items from PMPC Concrete STG, Concrete Pavement Meeting on December 7, 2023:

1. Charles to take minutes and email the draft to our group for comments.
2. Dulce to send out the agenda for our next meeting.
3. Dulce to set-up CP STG meeting invitations for 2024.
4. Dulce to work with OCCS on Skid Resistance spec revision for April 2024 submittal.
5. Deborah and Dulce to pursue a meeting with Keith Foo to discuss SPF specifications.
6. Charles to share contractor input on LCB joints with Deepak.
7. Deepak to share details on the EPD reimbursement program.
8. Dulce to send draft SD on concrete pavement SPFs to the STG.
9. Dulce, Charles Deborah and Jon to pursue compressive data from current and recently completed projects.

Adjourn: The meeting adjourned at 2:58 PM.

Next meeting: March 7, 2024

For PMPC meeting minutes please visit:

- EC Meetings: [Pavement & Materials Partnering Committee \(PMPC\) Meeting Minutes | Caltrans](#)
- ATG Meetings: [Asphalt Task Group | Caltrans](#)
- CTG Meetings: [Concrete Task Group | Caltrans](#)