

PMPC In-Place Concrete Pavement STG Meeting Minutes

Date: December 10, 2019 (Tuesday)

Time: 10:00 AM – NOON

Location: Translab, Conference Room, 5900 Folsom Blvd, Sacramento, CA 95833

Caltrans Chair: Dulce Rufino Feldman

Industry Lead: Bruce Carter

Attendees: Dulce Rufino Feldman, Bruce Carter, Deborah Yost, Deepak Maskey, Brett Soldano, Charles Stuart, Clay Slocum, Nick Schaefer

1. Welcome and Introductions

- I. Nick and Bruce joined the meeting through a remote connection.

2. Past Meeting Minutes:

- I. The minutes from the last meeting on SEPTEMBER 4, 2019 were reviewed and no requests were made for changes.

3. Status of Action Items from Last Meeting

- I. Dulce to send out the current Bin List to our group for discussion and prioritization at our next meeting. **Completed**
- II. Write a memo to include the use of compressive strength for acceptance to be considered for a Bin List item by the Concrete CTG at their next meeting. **Completed**
- III. Bret to deliver formal CTM update process to Dulce for distribution to our group. **Completed**
- IV. Dulce to distribute latest 36-3 and 40.1 specifications to our group. **Completed**
- V. Dulce to update smoothness specification to address continuous precast concrete pavement. **Completed**
- VI. Deborah and Dulce to track smoothness projects by adding county/route/postmile to the smoothness tracking spreadsheet. **Ongoing**
- VII. Deborah to look in to collecting baseline schedules from RE's on tracked smoothness projects. **Ongoing**
- VIII. Charles and Dulce to check on the approval from the Concrete CTG on the limited construction window draft report (one of our deliverables). **Completed**
- IX. Dulce to distribute draft spec language for the for contractors to provide curing items for ASTM C78/31. **Completed**
- X. Charles to review PEM tools with industry members and deliver priorities to our group. **Completed**

4. Scoping Document Updates

- I. **Concrete Smoothness:** Deborah, Dulce, and Nick are maintaining a list of projects where the smoothness NSSP has been applied. The Working Group has requested and been granted a 7-month extension on the Scoping Document schedule.
- II. **Limited Construction Windows:** The Working Group completed their final report and the new specification is expected to be published April 2020.

5. Updates on Other Activities

- I. **Update CT 523 to include ASTM C78 and C31:** Comments from FHWA regarding specimen chain of custody are being addressed. A CPD for communicating the changes to CT 523 may be developed.
- II. **Full-Depth Cracking Language:** Section 40 uses the term full-depth crack, which seems to limit the removal and replacement of non-compliant work. Caltrans is in the process of reviewing and updating current pavement cracking language.

- III. **Evaluation of Concrete Pavement Represented by Low Flexural Strength Test:** Specification language has been developed and reviewed by Caltrans and the concrete pavement industry. Implementation into the specification through RSS is targeted for April 2020.
- IV. **Replace Density with Unit Weight:** Dulce plans to change the term “Density” to “Unit Weight” in Section 40 and add Unit Weight to the control chart QC requirements.
- V. **FHWA Request to Address Air Content:** The specification will be updated to require 3 air samples instead of 2.
- VI. **Workshops:** Recently completed 1) FHWA Workshop on Quality in the Concrete Paving Process in Sacramento, and 2) CRCP Design and Construction Workshops in Sacramento and Fontana. A second QC in Paving Process is scheduled for February 12-13, 2020.
- VII. **Bin List:** Our efforts on concrete pavement interlayers will be instead pursued through a service contract or research. Dulce wrote a memo to request the new top priority bin list item: Compressive Strength for Acceptance. We plan to begin drafting the scoping document over the next few months. Maturity for determining opening to traffic is the 3rd priority on our bin list.

6. Open Discussion

- I. Training topics for improving the knowledge of our CIP group: Charles offered to arrange training for any topic that our group would like to learn more about. A few topics were discussed including pavement interlayers (Mike Darter), and Maturity (Sabrina Garber from Transtec and Jim Grove).

7. New Action Items

- I. Deborah to check if smoothness data is available from recent D4, SR380 project.
- II. Nick/Charles and Dulce/Deborah to update their respective smoothness spreadsheet to add new information from the current tracking list.
- III. Dulce/Charles and Deborah to review proposed language for pavement cracking.
- IV. Brett to recommend specification language for IA lab requirements.

8. Next Meeting - **March 10, 2020 from 10:00AM to NOON at Translab**

9. Adjourn - The meeting adjourned at 12:20 PM.