

PMPC In-Place Concrete Pavement STG Meeting Minutes

Date: September 4, 2019 (Wednesday)

Time: 10:30 AM – NOON

Location: Translab OSM Conference Room (514), 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, and Nick Schaefer

1. Welcome and Introductions

- I. Self-introductions were made. Nick and Bruce joined the meeting through a remote connection.

2. Past Meeting Minutes:

- I. The minutes from the last meeting on June 6, 2019 were reviewed and no requests were made for changes.

3. Status of Action Items from Last Meeting

- I. Dulce to set up a meeting with members of the Limited Construction Windows Working Group. **Completed – Meeting held on July 19 in Santa Fe Springs.**
- II. Based on the discussions of this group, our Bin List will be continually updated by Dulce. **In Progress – The Current Bin List will be sent out for group comments and prioritization. See New Action Item.**
- III. Bruce and Dulce to determine if we should add an item to our bin list for updating specification for Non-Compliant Work. **In Progress – Dulce will determine whether or not this is a PMPC work item.**
- IV. Dulce to circulate draft specification language for low flexural strength test results. **Completed**
- V. Deborah to share draft CPD and pay adjustment spreadsheet for concrete pavement smoothness. **Completed – CPD was published and the spreadsheet posted on the internet.**
- VI. Bret to provide a document that shows the process for updating CTMs. **In Progress – Moved to New Action Item.**
- VII. Nick to look for data on precast project smoothness results – pre-corrected and corrected. **Completed – For the 210 (Flatiron) project, data was not collected for the pre-corrected.**
- VIII. Dulce to send MCTC sign-in sheet from Sacramento event to Charles. **Completed**

4. Scoping Documents Updates

- I. **Concrete Smoothness:** The Working Group does not expect to see any data evaluation until the end of this calendar year. Deborah and Dulce are maintaining a concrete pavement smoothness tracking spreadsheet where the NSSP has been applied and data is pulled from different Caltrans databases. RE's on projects with the NSSP will be contacted to better understand the project timing for data collection. A smoothness Working Group meeting is scheduled for September 19 in Southern California.
- II. **Limited Construction Windows:** The Working Group is drafting their final report and needs to have this done by late September. The benefits of removing the age based (10-day) opening requirement are being illustrated on a project in District 8 and one in District 12.

5. Updates on Other Activities

- I. **Implementation of ASTM C78 through the replacement of CT 523:** The PMPC Concrete Materials STG is continuing their work on the changing CT 523 so it refers to ASTM C78/31. Section 40 will add language to be provided by the Concrete Materials STG to instruct contractors to include curing items. This new specification language will be reviewed by our STG.
- II. **MCTC Open Houses and Closeout Meeting:** In June/July, three Open Houses were held in in California for the FHWA Mobile Concrete Technology Center (MCTC) and one Closeout Meeting

highlighting data analysis from two concrete pavement projects. During the Closeout Meeting, the FHWA staff developed some preliminary recommendations for improving Caltrans concrete pavement specifications. These workshops were produced by FHWA, Caltrans (Pavements), and the SWCPA. These Open Houses will be followed by Two-Day Workshops on Quality in the Concrete Paving Process. One of these workshops is scheduled to be held in Southern California on November 13 and 14, 2019 and the other workshop is scheduled to be held in Northern California on February 11 and 12, 2020.

- III. **CRCP Workshops:** Two CRCP workshops are scheduled for Sept. 23 (Fontana) and Sept. 25 (Sacramento). This is a collaborative effort involving the FHWA, Caltrans (Pavements), and the SWCPA. These workshops will bring national experts to California to teach CRCP design and construction. Also, the workshops will focus on the roll-out of new Caltrans CRCP Standard Plans and Specifications.
- IV. **Evaluation of Concrete Pavement Represented by Low Flexural Strength Test:** Specification language has been developed and reviewed by Caltrans and the concrete pavement industry. Publication of the new specification is targeted for January 2020 with concurrences due on December 2019.

6. Open Discussion

- I. Developing a plan to use compressive strength for acceptance and maturity for opening to traffic.
- II. Work to schedule close out meetings for the SR 113 and SR 247 concrete overlay projects.
- III. Priorities from the MCTC Open Houses and Closeout Meeting.
- IV. Bin List.

7. New Action Items

- I. Dulce to send out the current Bin List to our group for discussion and prioritization at our next meeting.
- II. The use of compressive strength for acceptance will be considered for a Bin List item at next meeting.
- III. Bret to deliver formal CTM update process to Dulce for distribution to our group.
- IV. Dulce to distribute latest 36-3 and 40.1 specifications to our group.
- V. Dulce to update smoothness specification to address continuous precast pavement.
- VI. Deborah to look into adding county/route/postmile to the smoothness project tracking spreadsheet.
- VII. Deborah to look in to collecting baseline schedules from RE's on tracked smoothness projects.
- VIII. Charles, Dulce and others under the Limited Construction Window Working Group to produce the major deliverable (draft report) by the end of September.
- IX. Dulce to receive and distribute draft spec language for the for contractors to provide curing items for ASTM C78/31.
- X. Charles to review the MCTC Closeout Meeting with industry members and deliver priorities to our group.

8. Next Meeting - **Scheduled for December 4, 2019 from 10:00AM to NOON at Translab**

9. Adjourn - The meeting adjourned at 12:15 PM.