

PMPC Concrete Subtask Group (STG) Meeting Minutes

Date: September 1, 2022 (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, Eric Tsang, Charles Stuart, Clay Slocum, and Jon Hamilton

Not in Attendance: Bruce Carter

1. Welcome and Introductions:

Self-introductions were shared. Bruce was not in attendance.

2. Past Meeting Minutes:

A. The minutes from the last meeting on June 2, 2022 were reviewed. No changes submitted.

B. Status of Action Items from Last Meeting on June 2, 2022,

- 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. Jon Hamilton to share project compressive/flexural strength data with Dulce. Complete
- iv. Dulce to notify CTG about new SD on "fixed value" compressive strength. Complete
- v. Bruce to draft short SD on "fixed value" compressive strength. Complete
- vi. Dulce, Charles Deborah and Jon to pursue compressive data from current and recently completed projects. In Progress
- vii. Dulce and Charles to revise Short Scoping Document on RSC. Complete
- viii. Dulce to email Bruce the previously completed SD on compressive strength. Complete
- ix. Charles and Bruce to provide industry updated to Bin List. Complete

3. Scoping Document Updates:

A. Short Scoping Document on CRCP

This effort will be taken up outside of PMPC.

B. Scoping Document on Concrete Pavements with Rapid Strength Concrete

Additional comments have been received from individuals within Caltrans. Dulce will share the comments with our group and follow-up to address the comments this week. Dulce will send the SD to the CTG for review/approval within the next 2 weeks.

C. Scoping Document on Compressive Strength Fixed-Value for Acceptance of Concrete Pavement

There is interest in standardizing a compressive strength value (for example, 4200 psi) for concrete pavement acceptance. Current specifications require each mix design to correlate flexural to compressive to determine the compressive strength acceptance requirement. This proposed SD would develop a standardized compressive strength value for concrete pavement acceptance. Bruce has drafted a

Short Scoping Document and the group has reviewed. Dulce to send SSD to CTG this week for review/approval.

D. Decision Document on Dowel and Tie Bar Assembly Shipping Wires

The DD has been drafted and reviewed. Dulce will submit to CTG this week.

E. Decision Document on Skid Resistance Requirements in Section 40

The DD has been drafted and reviewed. Dulce will submit to CTG this week.

4. Update about the Concrete Materials STG Working Groups:

A. Bruce was not in attendance to share the update

B. Bin List: Charles and Bruce have sent an updated Bin List and sent to Dulce.

5. Open Discussion:

The CTG has identified statistical pay factors (SPF) and performance related specifications as high priority topics. This WG will begin developing an SSD for SFP. WG discussions identified FAA (P501), Army Corps of Engineers, Kansas, and Arizona initial places to review percent within limits specifications. Charles will begin research and report back to the group.

Action Items from PMPC Concrete STG, Concrete Pavement Meeting on September 1, 2022:

1. Charles to take minutes and email the draft to our group for comments within 2 weeks.

2. Dulce to send out the agenda for our next meeting.

3. Dulce to send the following to CTG for review/approval:

i. Decision Document on Skid Resistance

ii. Decision Document on Dowel and Tie Bar Assemblies

iii. Scoping Document on Compressive Strength Fixed-Value

iv. Scoping Document on Concrete Pavements with Rapid Strength Concrete.

4. Bruce to draft short SD on "fixed value" compressive strength.

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

6. Dulce to email minutes from the most recent CTG meeting to WG

7. Dulce to email WG the CT Newsflash link for D5, 101 CMGC project.

8. Dulce to send updated to Bin List to our WG.

Adjourn: The meeting adjourned at 3:05 PM.

Next meeting: December 1, 2022

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](#)