

# PMPC Materials and QA STG Meeting Minutes

**Date: December 1, 2021**

**Time: 10:00 to Noon**

**Location: WebEx**

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Facilitator:

Attendees: Nathan Forrest, Katha Redmon, Robert Hightower, Gary Kirk, Samir Ead, Reimond Garcia, David Lim, Eric Fornera, Joshua Moore

Not in Attendance:

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## 1. Introductions

- a. Introductions were given for new team members.

## 2. Project Updates/Briefing by WG Chairs

### a. Concrete Mix Design ID (Joe)

- i. Joe Harline: Chair of group may switch to John O'Mara. John is very involved with DIME and has worked with the WG in the past. Working on test practices  
Josh: DIME team lost some programmers, are you going to have to redo scoping document completely?

### b. Impact of Portland Limestone Cement (PLC) on Concrete Performance (Hamed)

- i. Hamed Sadati: Report almost finalized. Will get sent to CTG once comments are finalized since changes were minor from STG.  
Samir: When are the specs going to be out?

### c. Blended SCMs (Reimond)

- i. Reimond Garcia: Comments for draft specification are being reviewed. WG is on schedule.

### d. Performance-Based ASR (David)

- i. David Lim: No change in progress, the WG was unable to close the gap between industry and Caltrans. Status report shared with the WG this week and will be submitted to the STG.
- ii. Samir Ead: What is the background?
- iii. David Lim: The disagreement is on the minimum SCM requirement and sustainability goals.

### e. Corrosion Specification

- i. Hamed Sadati: Trying to finalize the scoping document, a couple members were gone in November and just getting some comments back.

### f. Neoprene Pads

- i. Joe Harline: Nathan wrote a draft decision document, Joe is reviewing, then it will be sent to the STG.
- ii. Samir Ead: What are the differences in results?
  1. Joe Harline: 100 psi difference, almost negligible is test method is used.  
Josh: We got direction from Keith to start scoping document

on this one. I started writing but would like review since not very familiar with the background.

### 3. Other Project Updates

#### a. Concrete Technology Committee FY21/22 Projects (Joe/Josh)

##### i. UHPC AML

1. Joe Harline: AML for UHPC, developing what we want in QC/QA, in early stages of development. Looking at New York and other states.

2. Joshua Moore: Does New York have an AML?

a. Joe Harline: New York has a specification for UHPC.

#### b. Concrete Patch Material AML

i. Joe Harline: Early stages of concrete patch material AML, a scoping document is being developed.

#### c. Grade 80 Reinforcement

i. Joshua Moore: Problem statement submitted for research on couplers and T-heads. Meetings with industry indicate that prices will not be affected by the demand from Caltrans. Uniform elongation procedures may be added to ASTM 706 which would alleviate our issue with creating that test method.

### 4. Open discussion:

a. Eric Fornera: Oct of 2022, E-book will come out each year with one update per year. Changes will need to be in to OCCS by mid March.

b. Reimond Garcia: For specs to be in April 2022, they need to be in by January 7th. May need to use NSSP in the meantime.

c. Samir Ead: Has anyone used the maturity curve for opening yet?

d. Robert Hightower: I have for post tensioning in high-rise. Uncertainty made it so the schedule reduction was not realized.

e. Joshua Moore: PEM presentation was made by FHWA. (Nathan shared link)

f. Nathan Forrest: We should make a google doc on prescriptive sections of spec that would be a concern when moving to performance. (Joshua Moore shared senate bill language)

g. Discussion on affects to small batch plants

### 5. Action Items:

a. Status report for Performance ASR to be sent to STG.

b. Neoprene pad decision document to be sent to STG.

c. Joshua Moore to send finalized PLC report to CTG when complete.

d. Joshua Moore to start google doc to record prescriptive parts of the standard specifications.

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### Action Items from [meeting name] on [date]:

1.

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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](#)