

PMPC Executive Committee (EC) Meeting Minutes

Date: January 19, 2023

Time: 8:30 am-10:00 am

Location: Webex Meeting

Attendees: Tom Pyle, Tim Greutert, Gudmund Setberg, Raymond Tritt, Charley Rea, Brandon Milar, Ian Sun Chee Fore, Christa Siegenthaler, Amy Fong for Donna Berry

1. Introduction

2. Urgent and Emerging Issues

a. Concrete in Marine Environments

i. Gudmund - concerns related to this scoping document are the same as raised in the past. The DES Structure Policy Board has an ongoing effort to determine the appropriate design life for future bridges. The corrosion protection provided by concrete in marine environments is one small portion of such an effort and fits neatly under the umbrella of a document outlining overall design life. Until the design life document is further along, it is premature to move forward with this effort.

1. Brandon - overarching concern would be having a concrete mix where you have only one concrete mix for those environments when you can the designer can utilize other types of materials so that one concrete mix doesn't necessarily need to be used. Go with a different concrete mix.

2. Move the spec forward - Resolution: 1 sentence to address corrosion issue in the scoping document regarding bridge design; can't see why the marine spec can't be move forward. Development of framework in DES.

a. Tom – has the 1 sentence been proposed and sent back to the committee - Gudmund – it has not. **Action Item:** Gudmund will review and write up a sentence that can be included in the document.

ii. Charley - this was an initiative of DES. They were working on this with their DES Concrete Committee. During that effort, it was learned that there might be significant specification and material impacts, so it was moved to PMPC to get more Caltrans and industry assistance. As such, a scoping document was drafted and proposed, sometime in the latter half of 2021. Since there were questions about it, the EC scheduled a special meeting on Jan. 28, 2022, to review the proposed scoping document. The feedback was to narrow the scope to ensure it only addressed materials issues/specifications in the marine environment. So, they re-scoped to a more narrow materials focus. This seems inconsistent in the message and direction that we are sending to the task groups, and certainly not the best use of time and resources.

1. Caltrans was working on it, asked PMPC to develop a scoping document; when they did, Caltrans didn't like, and said to redo with a more limited scope; then, a year later Caltrans said they did not want to move forward, even on the limited project.

- iii. Brandon – highlights the important of having DES in the PMPC – cross participation. Is there a technical issue or the right people part of the committee? – an all in one solution
 - 1. Gudmund – don't see a technical issue
- b. Performance Based ASR Mitigation for Non-Innocuous Aggregates
 - i. Gudmund – get buy in from Structure Maintenance – durability – key to sustainability efforts. If PMPC allows the contract to pick and choose SCM to concrete mix is innovatively but does that guarantee an adequate lifespan.
 - 1. Biggest concerns – METS is going to start tracking mix design in DIME – if there are ASR issues, and multiple mixes – is it easy to track it
 - 2. **Action Item:** Gudmund will reach out to individuals to get educated on his concerns and hopefully will be able to move forward. Committed to expedite this.
 - ii. Charley - Caltrans and stakeholders wanted to address this, a scoping document was put together and approved in April 2021. Then, as they were working on it, Caltrans decided they did not want to move forward. The group was told to re-scope to a more narrow objective. A revised scoping document was put together, but there has been hesitation and delay on this.
 - iii. Tim – ask the subtask group present and how it address sustainability, how it addresses ASR susceptibility. To address questions or if not need to meet, send them the questions directly
 - iv. Tom – back in 2000s, a presentation on the history of ASR in California - took the worst locations in California - run these tests which is C 1293 and 1260. Concrete Pavements – report was posted.
 - 1. **Action Item:** Tom will send out the presentation and finds.
- c. General Concerns
 - i. Charley - There is one entity that is slowing/halting a progress of the work. There is frustration from the industry side of Caltrans not being able to move things forward.
 - ii. Approving scoping document
 - iii. DES communication improvements
- d. Asphalt Item
 - i. Brandon – ATG received a NCE report on Balance Mixed Design – 5–7-year process for implementation. See if we can have that report circulated through the EC.
 - ii. Informational sessions, something that we probably should do is see if we can have that report circulated amongst the EC to look through that report and then figure out as an EC - how can we ensure that we get that we are able to deliver. That that effort that it takes for us to deliver it in hopefully the shorter end of that time frame, maybe even less than that. The reality is looking at the EC group, there's a good possibility none of us are going to be here when this thing is supposed to be delivered. We're going to have to do a pretty good job if we if both industry and the department are committed to doing this, it's going be based off of the success to be based off of the work we do to today in programming that effort. Might be something to schedule for a future meeting or meetings to go

through that and see what role everyone's going to each of your departments going to play in the industry's going to play and how can we start programming that today.

1. Both industry and Caltrans committed
 2. **Action Item:** Ian will forward NCE report. **DONE**
 3. **Potential Action Item:** Schedule a meeting to go through the NCE report. And how to start programming for successful implementation. Working out the long-term so that we can coordinate the what the steps are in the report compared to the steps they're identifying in the scoping document and make sure we're getting everything covered, we need to do for successful implementation.
- iii. Tom – Binder Content – regular updates – part of the monthly ATG meeting – committee are urged to move faster – February 16th – EC+ATG meeting – Meet on the 2nd of February to approve their scoping document
1. During their six-month timeframe, we'll be meeting with them twice and the first meeting with the ATG is going to be next month.
 2. If any hiccups – should be addressed immediately.
- e. Sponsor Meeting
- i. Charley a little bit disappointed that sponsors they weren't able to attend. The Charter says they will attend the first meeting of the year.
 - ii. This morning EC-Sponsors/Steering meeting wasn't rescheduled as Sponsor members are available for the next Sponsor/Steering Committee meeting.
 1. Obtain Executive Board Meeting 2024 calendar ahead of time to schedule the EC-Sponsors/Steering meeting.

Next Sponsors/Steering Committee with EC Meeting: April 20, 2022; 8:30 am – 10:00 am