

Meeting Agendas and Minutes

Rock Products Committee	Concrete Task Group Meeting Agenda Date: April 12, 2018 Time: 10:00 am – 12:00 pm Location: OSM RM 514
Attendees:	Charles Stuart Kirk McDonald Mark Hill Kuo-Wei Lee Sue Hida Samir Ead Blair Anderson Dulce Feldman Deepak Maskey Ron Jones Cy Thomson Keith Hoffman Jim Little Craig Knapp Cortney VanHook (Notetaker)
Topics	
<u>Old Business – Update on previous meetings Action Items</u> <ol style="list-style-type: none">1. Goal of this meeting to prioritize items from project update list for completion during current fiscal year2. Calendar Update:<ul style="list-style-type: none">○ No decision yet on pavement preservation and foundations. Not currently on calendar.○ Clarification on PMPC meeting dates?○ Final calendar? Marcella to advise○ How to organize priorities for other task groups for next fiscal year? Marcella to advise	

New Business

1. General

- Prioritizing items from project list to obtain current status of all projects and decide which ones to complete for the year.
- Pavement preservation to go under concrete committee or AC committee?
- May need to reorganize sub task group
- STG's getting cancelled with no clear explanation. May lose Industry involvement.
- Re-organization causing confusion.
- Will be a sit down with the PMPC committee to discuss proposals

2. QC/QA Spec for Cast-in-Place

- Marcella to update workplan status
- To be added to section 90
- [SP&I has committed to completion by end of quarter](#)

3. Quality Assurance of Dowel Bar Placement

- Dulce was going to work on but currently put on hold.
- [Will resubmit then bin list item.](#)

4. Unique concrete mix design naming system

- Need to resubmit so scoping document is clearer
- Three division plus industry. Belongs as a scoping document.
- EPD's may eventually include mix design. Suggestion to include EPD's when re-scoping
- [Add to bin list; possible linkage to EPD implementation.](#)

5. Precast Mix Design and Testing Data

- Different from unique concrete mix design naming system
- Sue's notes state: held up in spec development
- No spec involvement on working group
- Would involve pavement program and SP&I
- Working group to press completion of project.
- [STG to inform working group to prioritize completion by end of quarter.](#)

6. Evaluation of Concrete Pavement Represented by Low Flexural Strength Test Results

- Meeting on the 10th

- Two equations were proposed and one is now agreed on
- Next task to make a draft report. Draft to go to subtask group level.
- [To be completed by end of fiscal year.](#)

7. Precast Pavement – Phase II Enhanced Jobsite Quality

- Committee currently reviewing report.
- STG created list of all projects and working with districts to evaluate performance. Mostly D4 & D7
- Come up with Caltrans standard that does not invoke proprietary systems
- Mehdi was to come up with standard details for precast pavement for specs.
- Will probably need to resubmit modified scoping document.
- [Scoping document to remain working item but to re-scope it for next fiscal year.](#)

8. Pavement Smoothness

- Has been a reset on pavement smoothness. Backlash from industry about achieving specified smoothness.
- Met on March 23rd. Discussed achieving smoothness and NSSP requirements. Caltrans to go back and review incentive based specifications for meeting smoothness.
- Jim Coffman present two different pavement smoothness thresholds
- Draft specs have been put together and routed.
- Should scoping document be wrapped up and then placed into bin list for monitoring/placeholder for future resources.
- Pro-valve software user manual for online access. Self-guided user training.
- Scoping document does not represent current efforts under way based on executive management direction.
- [All deliverables complete. Put on bin list to monitor and assess. Possible phase II.](#)

9. Volumetric Mixers for Proportioning Rapid Strength Concrete (RSC)

- Final draft being circulated. Caltrans and Industry in agreement.
- 109 testing to be done every 6 months. Project specific intermediate testing to be done as well.
- New phase to evaluate performance of scoping document with pilot projects. Should new scoping document be created?
- [To be completed by end of the quarter by STG. Will go into queue for spec unit to be completed later this summer. No additional resources needed for next fiscal year.](#)

10. Foundation Items

- Intelligent Compaction component for Concrete Task Group? CIR for cement
- All foundation to go under CTG per Marcella

11. Preservation Items

- Components that could be under Concrete Task Group? Concrete Sealer/Hardener, Concrete Spall Repair
- Concrete Spall Repair not part of Rock Products
 - Old proposal to manage AML list based on piloted projects in the field. Looking at correlating CTMs and ATMs
- Concrete Sealer/Hardener
 - Requested to be extended
- Not sure if under CTG. Need to wait for direction to see where it goes.

12. Next Fiscal Year

- Recycled Aggregate
- Type 1L Cement – Drafted and waiting for direction.
- Possible new pavement smoothness proposal.
- Possible foundation proposal for Section 30 FDR and cement. Spec is too rigid to comply. Will want to look into.
- Should have proposals ready to move forward for next fiscal year.
- Show summary of projects to complete this fiscal year, projects to be pushed to next fiscal year, and new projects for new fiscal year

13. Roundtable

- Deepak – Due to SB1 shortage of aggregate supply.
 - Renewed resources of aggregate supply between State and Industry
- Relatively which is cheaper? Fly Ash or Portland Cement
 - Depends on where it comes from
 - Should look at other SCMs. Will be backed into a corner if only Fly Ash is specified.
 - Fly Ash mandated because dealing with mass concrete piles
 - Additional SCMs coming into the market.
 - Industry doing work to look into SCM equation

Summarize New Action Items

1. Marcella to provide update on Calendar schedule and committee organization

Next meeting(s) date(s): June 13th, 2018??

*** Add notes regarding each item under the topic for minutes.**