

**GREENBOOK COMMITTEE
NEW MATERIALS-SURFACE SUBCOMMITTEE
CONCRETE AD HOC GROUP**

MINUTES
February 9, 2017

Interim-Chairman, Durand Long called the meeting to order at 9:35 am. The meeting was held in the conference room at:

CTS Cement
11065 Knott Avenue, Suite A
Cypress, CA 90630

1. Self-introductions were made by the participants (from the sign-in sheet):

David Brodahl	LACoDPW	Renato Kich	National
Bob Haskins	Rock Structures	Jay Lukkarila	3M
Durand Long	OCPW	Jim Little	Lehigh Cem.
Jeff Pollard	Vulcan	Steve Martindale	Consultant
Nathan Forest	CNCA	Art Bigelow	CTS

Conference Call Participants

Don Vivant	Sully Miller
Cliff Ohlwiler	Old Castle Precast

2. A motion to approve the minutes from November was approved and seconded. (With correction of meeting date.)
3. Current Business –
- Change No. 246NS - ASR Testing Requirements, Sears, Long, Group
 - At Surface Committee for review.
 - Change No. 272NS – Rip Rap and Grout, Pollard, Long, Martindale
 - Placement by dumping is old. Will need to confirm if existing language for placement is sufficient and no need to show placement method of each gradation.
 - Group to consider reducing drop test height to 3' or half diameter whichever greater. Drop test requirement may need to be reworded so only performed when structural integrity is in question.
 - New Caltrans gradations are shown to the 10th of an inch. Is this necessary?
 - Caltrans table is unclear how to accurately measure rock sizes and may be a safety issue when measuring if we move away from showing a weight class. Group will consider if weight or nominal size gradations make more sense.

- Rock placement method. Rock is not “spread” it is “placed”.
- Change No. 286MMS - Permeable Materials, Pollard
 - Will remove quality requirements that were added in addition to Caltrans requirements.
 - Class 2 Permeable material gradation and SE requirement was slightly adjusted from Caltrans due to minor breakdown in material.
- Change No. 286MMS - Class N Pozzolans, Group
 - Determined that Table 201-1.1.3 is for Class F fly ash only. Minor correction to table Moderate Exposure Mix. Change 480-DME-35P to “31P”.
 - Lukkarila will set up conference call to work on language.
- Slag Cement, Little
 - List was provided of agencies using slag. Most agencies were located in northern California.
 - Group voted to continue to look at specification for future use.
- Editorial changes to section 200 Tables
 - Pollard submitted list of corrections. Long will submit to Editorial.
- Section 201-1 Restructuring
 - Group to consider new structure and if any new placeholders are required within this section.
- 4. New Business.
 - Brodahl submitted list of possible editorial corrections. Due to time group will review and go over at next meeting.
- 5. Our next meeting will be **Thursday, March 9, 2017 at 9:30 am**, at CTS Cement, Cypress.
- 6. Meeting adjourned at 11:40 am.

Submitted by:

Durand Long

Interim-Chairman