

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

MINUTES
August 14, 2014

Chairman, Ken Sears called the meeting to order at 9:40 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):

Ken Sears	Headwaters	Renato Kich	National
Steve Martindale	OCPW	Jim Little	Lehigh
Alberto Cruz	CTS CEMENT	Tom Meyer	Cell-Crete
Matt Jabbari	CTS Cement	Art Bigelow	CTS Cement
Jeff Pollard	Vulcan	Vince Perez	CTS Cement

Conference Call Participants

Russell Trip American Concrete Pipe

2. The minutes from June were reviewed and approved as submitted with no changes.
3. Current Business –
- A. Change No. 269NS - Portland Cement Update, Soto, Updyke
- **ESS** requested a Word copy for additional changes. Forwarded on 8/20.
- B. Change No. 244NS - Pervious Concrete
- Approved on 6/19.
- C. Returned Fresh Concrete (Cal Trans), D. Vivant
- No new updates.
- D. Change No. 235NS – Steel Fiber
- Approved on 6/19.
- E. Change No. 246NS - ASR Testing Requirements, Trip, McDonald, Group
- Expansion per ASTM 1260 to be **0.15** percent or less at 16 days. If aggregate has greater than **0.15** percent expansion at 16 days, or unless otherwise specified by the Engineer, the cementitious portion of the concrete shall contain 25 percent fly ash or approved SCM. *(Expansion is changed back to 0.15% to align with current CalTrans standards.)*

- New information shows that proposed change will impact sections **207-1.2** and **207-2.2**, in terms that aggregates used to manufacturer **Pipe** need to conform with **201-1.2.2**. Restrictions on expansion that are different from what the current pipe manufacturers are using (CalTrans) could present a problem with current methods and test results. Russell Trip will submit proposed language for Group review and discussion.
- Kich and Sears to work on a column to the Class Table and re-wording of section **201-1.2.2**. based on the Vivant proposed language and calculations for ASR mitigation allowances.
- It was suggested to perform a word search on all areas where “**201-1.2.2**” is referenced in the Greenbook to ensure the ASR expansion testing and requirements we propose align with the element being constructed.

F. Cellular Concrete / Annular Fill, Meyer, Sears

Meyer to submit proposal based on recent discussions; Sears to review and edit, as needed.

G. Expansive Cement proposal, Jabbari, Soto, Sears

Additional information for clarification and alignment were submitted by Sears on 8/20 to Soto. Waiting for additional review/comment from **Surface**.

4. New Business – none
5. Our next meeting will be **Thursday, Sep 11, 2014, at 9:30 am**, at CTS Cement, Cypress.
6. Meeting adjourned at 10:50 am.

Submitted By:

Ken Sears
Chair

2014 Meeting Schedule

January 9	February 13	March 13	April 10	May 8	June 12
No July Meeting	August 14	September 11	October 9	November 13	No December Meeting