

**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
<b>No July Meeting</b>	August 14	September 11	October 9	November 13	<b>No December Meeting</b>