

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

MINUTES  
August 10<sup>th</sup>, 2017

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

OC Public Works  
1152 E. Fruit St., Santa Ana, CA  
Conference Room A

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

David Brodahl – LA County DPW  
Durand Long – OCPW  
Jeff Pollard – Vulcan  
Renato Kich – National R/M

Steve Martindale – Consultant  
Vince Perez – Euclid Chemical  
Ariana Lopez – OCPW

Conference Call Participants

Chris Walz – Cemex  
Don Vivant – Sully Miller

Jay Lukkarila – 3M

2. A motion to approve the minutes from July was approved and seconded.

3. Current Business –

- Portland Limestone Cement Update – Walz
  - Caltrans acknowledges benefit but topic will be held for discussion for the 2018-2019 year
  - Remove Portland Limestone Cement Updates from the current business
- Change No. 272NS – Rip Rap and Grout, Pollard, Long, Martindale
  - 20-01.6.2 – Grading Requirements
    1. Method by size
      - a. Adopt Caltrans specification
    2. Group discussion on where is gradation compliance required (field vs. plant)
    3. W% will need to be specified
    4. Pollard will look for a gradation test method
  - 200-1.6.3 – Quality Requirements
    1. Drop test criteria (A,B,C)
      - a. Replace 0.1 inches with 0.1 inch
      - b. Update 3<sup>rd</sup> criteria (C) to “The greatest dimension decreases in size by less than 10%
    2. Drop test height will match USACE and ASCE of half average diameter of stone
  - 300-11.4 – Measurement and Payment
    1. Units will be displayed as follows to keep standard system within the Greenbook

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- Change No. 285MMS - Permeable Materials, Pollard
    - Resubmitted to Surface Committee
  - Change No. 286MMS – Class N Pozzolans, Group
    - Need to confirm conditions 201-1.1.3 Special Exposure originally intended to address
    - Need to review latest ACI 318 changes
    - Both LA County and Orange County use Special Exposure Tables
    - Will separate change numbers for Class N Pozzolans and Special Exposure
  - Section 201-1 Reorganizing
    - Need to create an update of options for general sections
  - ACI References Locations
    - 201-1.1.3 Concrete Specified by Special Exposure (pg 58)
    - 201-1.2.5.4 Class N Pozzolans (pg 63)
    - Group is currently working on sections where ACI is mentioned. No other references found that will require updating.
4. New Business –
- Suggested Editorial Changes to Greenbook, Group
    - Group will review individually and discuss any comments at the next meeting
5. Our next meeting will be **Thursday, September 14<sup>th</sup>, 2017 at 9:30 am**, at OC Public Works, Santa Ana
6. Meeting adjourned at 11:10 am

Submitted by:

*Durand Long*

Interim-Chairman