

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

MINUTES
January 9th, 2020

Interim-Chairman, Nathan Forrest called the meeting to order at 10:30am. The meeting was held in the conference room at:

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

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

David Brodahl – LA County DPW
Nathan Forrest – CNCA
Vince Perez – Euclid Chemical
Mike Soler - OCPW

Conference Call Participants announced themselves:

Jeff Pollard – Vulcan Materials
Rob Huning – City of Los Angeles
Colin McCarter - LA County DPW

2. Minutes from the previous meeting:

- a) Minutes from the October 2019 meeting were reviewed by all
- b) A motion was made by Vince Perez to approve the minutes
- c) Motion passed without objection

3. Current Business:

- a) Change No. 286MMS Fly Ash in Concrete Specified by Class and Special Exposure Mixes (201-1.1.3) – Group
 - i. Discussion of incorporating reference to ACI 318-19, Chap. 19 for exposure conditions beyond what 201-1.1.3 contemplates
 - ii. Jeff Pollard forwarded ACI318, Chap. 19 to be shared with the group
 - iii. Decision on path forward to be made at February meeting
- b) Section 201-1 Reorganization – Group
 - i. No Update. Changes to be incorporated into 2021 Greenbook will need to be approved by Main Committee by August 2020.
 - ii. Erik Updyke has a draft of a reorganized Section 201 he will share with the group – will be reviewed in February meeting

- c) 201.1.1.5 Mortar Cube tests - Perez:
 - i. Setting of Mortar per CT 515 (2013)
 - ii. Drying Shrinkage (with admixture) per CT 530 (2013)
 - iii. Why CT Methods and not ASTM or AASHTO? (CTs going away, ASTM is more detailed & more recent)
 - iv. Discussion of the different curing methods under the different methods and common Structural Engineer's modification to curing standards
 - v. A vote on whether to forward proposed change to the Surface Subcommittee will be taken at the February Meeting

- d) 201-1-1.4 Minimum Cement Content requirements – Brodahl
 - i. Minimum cement is for 3,250psi + mixes
 - ii. Should additional minimum cement limits be included for other strengths?
 - iii. Should suppliers be permitted to batch concrete w. less than 560 lbs/CY of cementitious if compressive strength is demonstrated by testing as described in paragraph 5 of 201-1-1.4?
 - 1. Should the 2nd sentence of the 1st paragraph of 201-1-1.4 be eliminated?

4. New Business: None.

5. Next meeting: will be **Thursday, February 13th at 10:30 am**, at OC Public Works, Santa Ana.

6. Meeting adjourned at 11:40am

Submitted by:

Nathan Forrest

Interim Chairman