

Greenbook Committee of Public Works Standards, Inc.

New Materials and Methods Subcommittee Surface

MINUTES

Tuesday, February 14, 2017

Presiding: Chris Kubasek, Surface Chair

1. Called to Order: 9:36 AM
2. Self-Introductions (from sign-in sheet)

Name	Agency/Company	Telephone	E-mail
Chris Kubasek	OC Public Works	714-245-4510	chris.kubasek@ocpw.ocgov.com
Raffi Massabki*	City of Los Angeles	213-485-5310	Raffi.Massabki@lacity.org
Tom Williams	LaBelle/Marvin	714-546-3468 x15	Twilliams@labellemarvin.com
Krishna Nadajara*	OC Public Works	714-245-4516	krishna.nadaraja@ocpw.ocgov.com
Hudson McLintock*	City of San Diego	619-533-3111	dmclintock@sanidiego.gov
Kevin Carter	Huitt-Zollars	310-926-8915	kcarter@Huitt-Zollars.com
June Kim	County of Ventura		jeewoong.kim@ventura.org
Cathy Dungca	City of San Diego		cdungca@sanidiego.gov

* via GoToMeeting

3. Minutes were approved.
4. Surface Chair discussed 11/17/16 Main Committee Meeting. Meeting minutes available at <http://www.greenbookspecs.org/documents/GBC/GBCMinutes20161117.pdf>.
5. Task Force Chairs provided updates:
 - A. Stabilized Base Task Force (Krishna Nadaraja) Task Force met on February 7, 2017 to discuss Change No. 287SP, Engineered Emulsion Stabilized Pulverized Bases (EESPB). We responded to all comments except wording on "Theoretical Maximum Specific Gravity" in the Mix Design of Specification. Discussion to start reviewing the Section 200-2.8 for Pulverized Base Materials specifications to be used with the Cement Stabilized Pulverized Base (CSPB), Lime Stabilized Pulverized Base (LSPB) and Engineered Emulsion Stabilized Pulverized Base (EESPB). The next meeting is scheduled to be on March 7, 2017.
 - B. Asphalt Task Force (Tom Williams) At 2/1/17 meeting members approved 267S Polymer Modified Emulsion(PME) Asphalt. Essentially, PME asphalt is the default asphalt. The Task Force also discussed SuperPave protocol for round robin testing. Williams is working on scheduling samples from producers, testing and analysis. To complete the project by September/October 2017 is ambitious

Greenbook Committee of Public Works Standards, Inc.

New Materials and Methods Subcommittee Surface

- C. Wet Track Abrasion Test (Blaine Thomann) T Williams briefed subcommittee on this special Task Force meeting on 2/2/17. Task Force is in disagreement with what to do with WTAT. E Updyke reiterated the purpose of the task force was to have the party that desired a change to that section of the Greenbook should come with the proposed change. If no change or justification for deletion is submitted for evaluation there will be no change will be made.
- D. Concrete Ad Hoc (Durand Long) Task Force discussed the following items: 272NS – Riprap Riprap; 285MMS – Permeable Materials; 286MMS – Class N Pozzolans; and Slag.

For riprap the rock supplier/contractor Rock Structures attended. Caltrans changed its gradations from weight to nominal size while the Greenbook currently shows gradation by weight. The group thought that gradation by weight may be a better. Rock Structures concerned about how to measure rock by size. The group will look into how to convert gradations Caltrans gradations. The placement of riprap using dumping method

For permeable materials the group discussed removing the requirement that no more than 10% gravel particles be retained on #4 sieve.

For Class N Pozzolans it was discussed that the existing language caused some confusion at the meetings of usage of Class N pozzolans in 201-1.1.3 special exposure section and tables. The group also determined that special exposure mixes table is only for Class F Fly Ash. The group will review and work on re-wording for Class N Pozzolans to avoid confusion.

On the topic of Slag, a list was provided of agencies currently using slag. Group will determine if we want to consider this material.

6. Changes

- A. 246 NS ASR: Change to be submitted to surface subcommittee for review on March 2017 meeting.
- B. 267 NS: Polymer Modified Emulsified Asphalt: Williams gave a brief overview of the change and requested members provide comments to him. Change submitted for final review. Change to be approved in March 2017 meeting
- C. 280 NS Mortar Cement. This item was approved and to be sent to editorial.
- D. 272 NS Rock for Slope Protection: Changes being made by Concrete Ad Hoc Task Force
- E. 279NS Microsurfacing: There were not changes to this item. Approval vote deferred to March 2017 meeting.
- F. 281 ES, Part 4 Existing Improvements: The Part 4 is being reorganized from alternate materials to Existing improvements.

Greenbook Committee of Public Works Standards, Inc.

New Materials and Methods Subcommittee Surface

G. 281 ES, ColdMilling: Item briefly discussed and was approved.

7. Old Business: None

8. New Business: None

9. General Discussion: none

10. Next Meeting at 9:30 AM on Tuesday, March 14, 2017

A. AGC Conference Room at 1906 West Garvey Avenue South, Suite 100, West Covina, or

B. <https://global.gotomeeting.com/meeting/join/600392917>

C. Conference Call: 626-521-0017, Code 600-392-917

11. Adjourn: 10:35 AM

Surface Committee 2017 Meeting Dates

January 17	February 14	March 14	April 18	May 16	June 13
July 18	August 15	September 19	October 17	November 14	No December Meeting

**Greenbook Committee of Public Works Standards, Inc.
New Materials and Methods Subcommittee Surface**

Task Force Meeting Information

	Asphalt Task Force	Concrete Ad-Hoc	Stabilized Base Task Force
Chair	Tom Williams LaBelle-Marvin 714-546-3468 Twilliams@labellemarvin.com	Durand Long (Interim) OC Public Works 714-667-4959 Durand.Long@ocpw.ocgov.com	Krishna Nadaraja OC Public Works 714-245-4516 Krishnamenon.Nadaraja@ocpw.ocgov.com
Meets	1 st Wednesday every month	2 nd Thursday every month	1 st Tuesday every month
Meeting Time	1:00 PM – 5:00 PM	9:30 AM – 12:00 PM	9:30 AM – 12:00 PM
Next Meeting	January 4, 2017	January 12, 2017	January 3, 2017
Address	OC Public Works 1152 E. Fruit Street, Santa Ana Conf. Room A <i>March, June, September, and December meetings held at: Caltrans SRL 13970 Victoria Street Fontana</i>	CTS Cement 11065 Knott Ave Suite A Cypress	OC Public Works 1152 E. Fruit Street Conf. Room A Santa Ana
GoToMeeting Link	https://global.gotomeeting.com/join/395303077		https://global.gotomeeting.com/join/466564046
Conference Call	224-501-3318 Code: 395-303-077	877-485-0922 Code: 7904444	213-289-0016 Code: 466-564-046