PUBLIC WORKS STANDARDS, INC. – GREENBOOK COMMITTEE

MEETING MINUTES

March 15, 2018

Presiding: Erik Updyke, APWA Co-Chair

1. Called to Order: 9:35 a.m.

2. Self-Introduction

Present (per sign-in sheet):
Ducharm, Bryce Thompson Pipe Group
Grindle, Lance* LA County DPW
Kubasek, Chris* Orange County Public Works
Macfarlane, Randall* City of Los Angeles BCA
Mahoney, William D. BNI Building News
Massabki, Raffi* City of Los Angeles BOE
Moore, John BNI Publications, Inc.
Peterson, Dan* DJP Co./ AGCC
Phelps, Daniel J.* Gill & Baldwin, P.C./ AGCC
Ramirez, Onofre* City of Long Beach
Taylor, Carl Huitt-Zollars
Updyke, Erik* LA County DPW

Web / Teleconference:
Chen, Patti Murray Tencate Geosynthetics
Datuin, Elmer* Riverside County
Fahey, Keegan*(Alt.) LA County DPW
Francis, Victoria* Orange County Sanitation District
Gilley, Curt* Terrain Engineering Inc./ AGCC
Khamanian, Bijan Hobas Pipe
Kim, Jeewoong (Jun)* Ventura County
LaRue, Thomas (Tom) ADS
McManus, Mike* AGCSD
Moheize, Omar* City of Burbank/ APWA
Sack, Rich Tencate Geosynthetics
St. Martin, Jim* Herzog Contracting Corp./ AGCC
Tsau, Allison* LADWP
Vivant, Don* Sully-Miller Contracting Corp./ AGCC
Woolsey, Rory BNI Building News

(* denotes voting member; ** denotes voting member with proxy)

3. Establish a Quorum:
Self-introductions were made and a quorum was established with 17 voting members present, including 1 public utility member and 1 contractor.
4. **Approval of Minutes from Last Meeting:**
The minutes of the February 15, 2018 meeting were unanimously approved; motion to approve by Dan Peterson; seconded by Omar Moheize.

5. **Correspondence:**
   a. Email dated February 27, 2018 from Jameson Bradley (BNi) to Vin Wilhelm confirming posting the February (2/15) GBC Minutes and the March (3/15) GBC Agenda online.
   b. Email dated March 2, 2018 from Chris Kubasek (OCPW) to Raffi Massabki following-up on the “White Pavement” inquiry by Omar Moheize (City of Burbank – e-mail was forwarded to Omar). Chris shared information about a March 7th technical presentation by the California Asphalt Pavement Association (CalAPA) about pavement reflectivity.
   c. Letter dated March 2, 2018 from the City of Los Angeles Bureau of Engineering to Public Works Standards, Inc. naming Edward Arrington as the City representative and adding Robert Huning and Raffi Massabki as alternates.
   d. Email dated March 6, 2018 to Dan Phelps requesting to generate an appointment letter for Edward Arrington (City of Los Angeles) as a voting member and for Robert Huning and Raffi Massabki as his alternate voting members.
   e. Email dated March 15, 2018 from Erik Updyke to Angela Ragusa (Port of LA) regarding her comment about section number 404-11 being repeated twice for the “Measurement” & “Payment” titles. Erik concurred that “Payment” should be 404-12 instead.

6. **Old Business:**
   a. **Supplement Changes:** None
   b. **Other Old Business:** None

7. **New Business:**
   a. **Co-Chairman’s Report:**
      1) Today (March 15, 2018) is the Public Works Standards Inc, meeting. The 2017 Annual Report is attached hereon with the March minutes.
      2) A list of names for recipients of the embossed copy of the 2018 Greenbook was forwarded to William Mahoney (BNi)
   b. **Secretary’s Report:** No report.
      1) To all; keep your contact information current (A few meeting invites were returned undelivered and need to be authenticated by corresponding e-mail server in order to receive future messages).
   c. **Communication Report:**
      Lance Grindle reported:
      1) Latest Change Submittal Log was updated in December 2017. Next Change Number is 298. (Change numbers 291SP to 297SP were assigned to 7 Standard plans)
d. **Surface Materials and Methods Subcommittee Report:**

   Chris Kubasek reported:

   1) A meeting was held March 13 (next meeting April 17, 2018)
   2) Changes: work on three changes is ongoing.
      a. 272NS (stone for riprap); Task force is working on the drop test issue.
      b. 286S Special Exposure Requirements (Class N Pozzolan); Task force continues to review the special exposure issue.
      c. 287SP Engineered Emulsion Stabilized Pulverized Base; Final changes are still under review.
   3) Section 213-5 “Geotextiles and Geogrids”;
      b. February 2018 meeting; Tencate presented its issue with certifying their multiaxial grid products when applying the tables in current sec 213-5 “Geotextiles & Geogrids”. In particular, Tencate concerns were the lack of definition terms used in the ASTM test methods. Tencate contends the undefined terms can lead to a wide interpretation of test results.
      c. Tencate & Tensar will submit recommended changes to 213-5 to “bridge” definition gaps until the comprehensive change in the ASTM test methods are approved which is expected in about 2 years.
   4) **E. Updyke noted (in general) the need to:**
      - Stick with products being commonly used.
      - Update Parts 2 & 3 together for a complete and thorough specification with consistent terms (i.e., “Geotextile” used in Part 3 vs. “Geosynthetics” used in Part 2).
      - Retitle section 300-9 “Geotextiles for Erosion Control” (which sounds like Jutte Mesh for hydroseeding).

  e. **Underground Materials and Methods Subcommittee Report:**

   Curt Gilley & Keegan Fahey reported:
   1) A meeting was held March 13 (next meeting April 17, 2018)
   2) The meeting focused on edits to Change 289UM, Pre-Cast Manhole Specification. The associated standard plan was also discussed.
   3) Revisions to Part 5 will start following the completion of the MH Specs. An outline of this work is nearing completion.

  f. **Standard Plans Subcommittee Report:**

   No Report:
   1) A meeting was not held in Mar. 1st (next meeting April 5, 2018)
E. Updyke recommended posting an update on the Greenbook web site that there will be a supplement to the 2012 Greenbook Standard Plans (A new Standard Plan book will be published along with the 2021 Greenbook).

g. **General Provisions Subcommittee Report:**
   Dan Phelps (No Report):
   1) Meeting was held March 7 *(D. Phelps was not part of the meeting)*, next meeting April 11, 2018.

h. **Special Provisions Guide Subcommittee Report:** No report.

i. **Editorial Standards Subcommittee Report:** No report.
   No meeting was held in March, *(next meeting April 18, 2018)*

j. **Other New Business:** None

8. **General Discussion:**
   *(None)*

9. **Next Meeting:** April 19, 2018

10. **Adjourn:** 10:02 a.m.

Submitted by: Raffi Massabki, Secretary
City of Los Angeles, Dept. of Public Works
Bureau of Engineering, Design Standards & Investigations
1149 S. Broadway, Suite 635 Los Angeles, CA 90015
Raffi.Massabki@Lacity.org (213) 485-5310

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**2018 Greenbook Committee Attendance**

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MONTHLY MEETINGS
March 15, 2018

Subject: 2017 Annual Report

Dear Board of Directors;

During calendar year 2017, the “Greenbook” Committee:


3. Did not publish a 2017 Supplement due to a lack of changes to include.

Subcommittees and Task Forces:


5. The Underground Materials and Methods Subcommittee continued their work on the development of specifications for precast concrete manholes and a technical review of Part 5.

6. The Surface Materials and Methods Subcommittee began review of the specifications for tri-axial grids in response to a complaint that the specifications in the SSPWC are proprietary.

Participation:

1. Established a quorum at each monthly meeting except April.

2. The City of Huntington Beach, a voting member representing APWA, did not attend any of the meetings in 2016 and 2017. I recommend the City of Huntington Beach be removed as a voting member and another city from Orange County be offered voting membership if it participates accordingly.

3. The Southern California Contractors Association, a voting member, only attended one meeting.

4. The Engineering Contractors Association, a voting member, did not attend any meetings.
5. I responded to only one inquiry from someone interested in participating on a subcommittee.

6. Of 16 voting member agencies representing APWA, only 8 have representatives who regularly participate on subcommittees.

7. Attendance and participation on the Surface Materials and Methods Subcommittee continues to be minimal.

**Proprietary/Sole-Source/Uncommon Materials/Methods:**

I continue to receive inquiries from vendors of specialized, uncommon, patented, or proprietary products or processes.

Evaluation and review of new materials and methods will continue to be limited to those which are non-proprietary and non-sole source, and in which the respective Subcommittee has sufficient technical resources to be able to perform an objective and thorough technical review. Changes meeting this criterion will need to be sponsored by an agency who has used the material or method on a regular basis, developed and refined the specifications for such, and can answer technical questions. New materials and methods will be of lower priority than updates of current specifications.

**Succession Planning:**

I will retire from the County of Los Angeles as of March 29. I'm willing to continue as APWA Co-Chair but I recommend the Board and I work on planning for a successor.

Voting member agencies should be encouraged to consider succession planning in their designation of voting members and alternates.

**Summary:**

The Greenbook Committee, as a committee under PWSI, continues to meet and perform its mission in accordance with its established Operating Policies and Procedures. However, limited participation threatens the sustainability of the Greenbook Committee as an entity and the production of its publications.

Very truly yours;

Erik J. Updyke
APWA Co-Chair
March 2, 2018

Public Works Standards, Inc.  
c/o Associated General Contractors of California  
1906 West Garvey Avenue South, Suite No.100  
West Covina, CA 91790

To Whom It May Concern:

**CITY OF LOS ANGELES – BUREAU OF ENGINEERING REPRESENTATIVE FOR THE GREENBOOK COMMITTEE.**

This is to inform you that Edward Arrington is the designated Bureau of Engineering representative for all Public Works Standards related issues. The alternates are Raffi Massabki and Robert Huning. They are located at 1149 South Broadway, Suite 635, Los Angeles, CA 90015 and can be reached at:

Edward Arrington, S.E., ENV SP  
Engineer of Design  
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Robert Huning, P.E.  
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Sincerely,

[Signature]

Gary Lee Moore, P.E.  
City Engineer

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