

**PUBLIC WORKS STANDARDS, INC. – GREENBOOK COMMITTEE
MEETING MINUTES
February 18, 2021**

Presiding: Lance Grindle, Co-Chair

1. Called to Order: 9:38 a.m.

2. Self-Introduction:

Voting Members & Alternates

1	Bustamante, Ramesis	T	City of San Diego
2	Dungca, Catherine	T	City of San Diego
3	Fahey, Keegan	T	Los Angeles County Public Works
4	Fernandez, Dickie	T	Orange County Sanitation District
5	Galvez, Temo	T	City of Fountain Valley
6	Grindle, Lance	T	Los Angeles County Public Works
7	Howard, Anthony	T	Los Angeles County Sanitation District
8	Macfarlane, Randy	T	City of Los Angeles
9	Mitchell, David	T	Member at Large
10	Moheize, Omar	T	City of Burbank
11	Solis, Christopher	T	County of Ventura
12	Tran, Vinh	T	Orange County Public Works
13	Yanez, David	T	Metropolitan Water District

Other Participants

1	Bandzuilis, Ruta	T	Tencate Geosynthetics
2	Estrada, Marco	T	Pavement Recycling – Guest Invite
3	Emerson, James		Pavement Recycling – Guest Invite
4	Ellazar, Joel	T	BNi Building News
5	Forrest, Nathan	T	California Nevada Cement Association
6	Johnson, Scott	T	Ferreira
7	LaRue, Thomas (Tom)	T	ADS
8	Mahoney, William	T	BNi Building News
9	McCarter, Colin	T	Los Angeles County Public Works
10	Rajswing, Aidan	T	Thompson Pipe Group
11	Truong, Van	T	Los Angeles County Public Works
12	Na, Gean	T	ACPA
13	Galvez, William	T	City of Santa Ana
14	Varela, Ana	T	BNi Building News
15	Wilhelm, Vincent	T	BNi Building News

(** denotes Member with proxy, T denotes attendance via Teleconference)

3. **Establish a Quorum:** Self-Introductions were made, and a quorum was established at the beginning of the meeting with **13** voting members present.
4. **Distribute Agenda – N/A**
5. **Approval of Minutes from previous Meetings:** The **January 21, 2021** Greenbook Committee meeting minutes were voted on and approved.
6. **Correspondence:** None
7. **Old Business:**
8. **New Business:**
 - a) **APWA Co-Chairman’s Report:** *Everyone was thanked for their hard work in putting the Greenbook together. Thanked last minute work on change 307 to finalize and get into this edition. BNI is currently working on the book and is providing drafts for review. The book is expected to publish in March with availability by April.*
 - b) **Secretary’s Report:** *No Report*
 - c) **Vice Chair Communication Report:** *No Report*
 - d) **Vice Chair Editorial Report:** *No Report*

Greenbook Subcommittees:

- e) **Surface Materials and Methods Subcommittee Report:** *The Geosynthetics Task Force met February 2, 2021 and are continuing work on the reorganization of Change 303 SM based on previous comments from editorial. The Asphalt Task Force still seeking a new chair as Tom Williams is looking to step down. This group continues work on 301 SM as several comments received during internal review. No response yet to change number requested for the CIR Specification. There is uncertainty to who is currently handling this request which was made late last year. The Concrete Ad Hoc met February 11, 2021. Continuing work on change 304 SM, the reorganization of Section 201.*
- f) **Underground Materials and Methods Subcommittee Report:** *Met February 16, 2021 with good attendance and participation from agencies and industry (more than past years). Group updated on Greenbook Committee and pushing change #307 plastic liners through. Change 284 – Reorganization of Part 5, is ongoing with three small topics to be completed and reviewed with subcommittee then editorial. Group working with editorial to establish new practice for future changes involving editorial earlier in the process rather than later and avoiding having to restart. New changes will follow the style guide, have an outline for editorial review then begin drafting changes. Group is looking forward to the transition and benefits of Microsoft Teams.*
- g) **Standard Plans Subcommittee Report:** *Met early February, discussed how to proceed with structural changes for the Standard Plans book. Immediately addressing three to four substantial requests related to high level structural things to be presented to the Greenbook Committee for consideration. Will also begin working on ADA related items.*
- h) **General Provisions Subcommittee Report:** *No Report – Dan Phelps has resigned as Chair.*

- i) **Editorial Standards Subcommittee Report** – No Report – Did not meet and no changes to review. Will work with subcommittee chair and editorial to develop a plan to push changes through more efficiently.
- j) **Other New Business:** BNi will assist subcommittees, one at a time, with Microsoft Teams access. Subcommittee chair is to provide member names. Subcommittee chair and co-chairman will have administrative rights and control with documents to post and invites. Vin Wilhelm is responsible for the website maintenance and requests member feedback with changes to be made. Upon request, Vin can give calendar access to members to update your schedules.
- k) Van Truong from Los Angeles County Public Works and PRS (Marco Estrada) gave a presentation on CIR/CCPACP and propose sponsorship for inclusion in the 2024 edition.

Presentation Highlights	Benefits of the CIR/CCPR Approach
<ul style="list-style-type: none"> ■ County’s Sustainable 3-Prong Approach ■ Examples of Successful Sustainable Projects ■ Benefits of a Sustainable Pavement Approach ■ Proven Specifications and Work History ■ Lessons Learned ■ Construction Industry Perspective 	<ul style="list-style-type: none"> ➤ Cost savings of up to 35% compared to traditional methods ➤ Up to 80% reduction in energy use and GHG emissions* ➤ Maintaining earth’s natural resources ➤ Reduction in landfill deposition ➤ Reduction in construction truck traffic ➤ Less construction working days ➤ Reduced construction impacts to the public

Lessons Learned

- Weather/Temperature has a significant impact on performance of treatments
- Importance of proper mix designs
- Importance of proper inspections
- Impacts of paving fabrics, road mix and Macadam on treatment selections
- Be careful of yielding subgrade
- Be mindful of existing conditions (e.g., steep grades)

9. **General Discussion:** Complimentary Greenbooks, will ship to everyone who helped with the 2021 edition. A complimentary copy of the 2021 Standard Plans digital version, will be emailed to all members on today’s meeting invite. Feedback is welcomed. Subcommittee minute voids have to be filled. Contact Bill Mahoney or Lance Grindle if interested in a Subcommittee Chair position.

10. **Next meeting: March 18, 2021**

11. **Adjourn: 10:32 a.m.**

Submitted by: Bill Mahoney & Ana Varela / Secretary
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