

**PUBLIC WORKS STANDARDS, INC. – GREENBOOK COMMITTEE
MEETING MINUTES – OCTOBER 21, 2021**

Presiding: CHARLES CHEN

- 1. Called to Order: 9:37a.m.**
- 2. Self-Introduction:**

Voting Members & Alternates

1	Alaine James	T	City of San Diego
2	Arman Avaziand	T	City of Glendale
3	Catherine Dungca	T	City of San Diego
4	Charles Chen (Presiding)	T	County of Los Angeles
5	Chris Solis	T	County of Ventura
6	Curt Gilley	T	ECA
7	Dan Peterson	T	AGC
8	David Yanez	T	City of Los Angeles
9	Dickie Fernandez	**	Orange County Sanitation District
10	Don Vivant	T	Sully Miller
11	Edward Arrington	T	City of Los Angeles
12	Jennier Prause	T	County of Orange - Alternate
13	Jenny Hsu	T	Los Angeles County Sanitation District
14	Omar Moheize	T	City of Burbank
15	Onofre Ramirez	T	City of Long Beach
16	Randall Macfarlane	T	City of Los Angeles
17	Sarah Chavez	T	City of San Diego - Alternate
18	Temo Galvez	T	City of Fountain Valley
19	Vinh Tran	T	County of Orange
20	Yonah Halpern	T	County of Los Angeles - Alternate

Other Participants

1	Aidan Rajswing	T	Thompson Pipe Group
2	Ana Varela	T	BNI
3	Brian Fung	T	County of Los Angeles
4	Chris Rave	T	County of Los Angeles
5	Christopher Hudson	T	County of Los Angeles
6	Colin McCarter	T	County of Los Angeles
7	Corina Wong	T	Granite Construction
8	David Diaz	T	Griffith Company
9	David Gallagher	T	County of Los Angeles
10	Gean Na	T	Concrete Pipe
11	Jeff Pollard	T	Vulcan Materials Company
12	Joel Ellazar	T	BNI
13	Nathan Forrest	T	California Nevada Cement Association
14	Paul Jordan	T	Guest
15	Paul Lovie	T	Presenter
16	Robert Newman	T	City of Santa Clarita
17	Rodolpho Garduno	T	County of Los Angeles
18	Vin Wilhelm	T	BNI
19	William Galvez	T	City of Santa Ana

(**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 20 voting members present, additional voting members attended after the start of the meeting.

4. **Distribute Agenda - Online**
5. **Approval of Minutes: SEPTEMBER 16, 2021**
6. **Correspondence:**
 - Shared Change No. 316SM - Fiber Reinforced Asphalt Concrete. Adding new section 203-16 Aramid Fiber Reinforced Asphalt Concrete.
 - New contact information for Tony Olmos of APWA.
7. **Old Business:** None
8. **New Business:**
 - a) **APWA Co-Chairman's Report:** No Report.
 - 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:** Vinh Tran met on Tuesday 10-19-21. Tracking of State Assembly Bill 1035 (Department of Transportation and local agencies: streets and highways: recycled materials) is now removed from agenda as the governor vetoed this bill. Updates on the task force teams are: The **Geosynthetics task force** is continuing to work on Change 303. Comments received from editorial are still going over them. The **asphalt task force** is overwhelmed with two additional assignments for the fiber reinforcement, concrete as well as rap slurry. They will split into smaller groups to be more productive. They will continue work on CR Specifications, and review additional data regarding the gyratory compaction study. The **concrete ad hoc task force** had no report - their meeting was cancelled. Nathan Forrest commented on Caltrans' approval of Portland Limestone Cement and is available to answer questions.
- f) **Underground Materials and Methods Subcommittee Report:** Gene Na held a meeting 10-19-21, which had good attendance. Change #284 is almost done and ready to continue conversation with the editorial committee. They are looking at smaller sections 501 - *Service Lateral Connection Sealing* and 502 *Manhole and Structure Rehabilitation*, and are hoping to complete soon. The unofficial task force led by Dickie Fernandez met last week and will meet monthly on Tuesdays before the Underground Subcommittee. Dickie is still looking for more agency involvement in this group.
- g) **Standard Plans Subcommittee Report:** Temo Galvez met 10-7-21 and identified some standard plans in all sections to be reviewed for structural changes over the next two to three months. Priority given to more critical plans and will be sent to editorial and ultimately the committee. The committee can decide to publish those as an addendum. The remainder plans will be addressed over the next couple of years.
- h) **General Provisions Subcommittee Report:** Dan Peterson hoping to have a draft of parts one through 9 for the committee to look at by next month.
- i) **Editorial Standards Subcommittee Report:** No Report.
- j) **Greenbook Retention Subcommittee Report:** Edward Arrington reported that the Retention Subcommittee met with Caltrans and the FHWA on October 19th and came away with the impression that they were not open to endorsing the use of the Greenbook for projects in the National Highway system. Nevertheless, the committee is planning another meeting on December 9th and will set up some focus groups to

explore whether portions of the Greenbook could be used in conjunction with Caltrans, particularly where the Caltrans specs may be inadequate for dealing with utilities and other third-party entities.

- k) **Landscaping and Irrigation Subcommittee Report:** David Gallagher looking forward to meeting with people that can partner or supplement the landscape section of the Greenbook. He requested his contact info be shared with in house landscape architects at the city or county agencies.

Landscaping and Irrigation Subcommittee - CHAIR

DAVID GALLAGHER
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(626) 215-1151

- l) **Street Lighting and Traffic Systems Subcommittee Report:** Paul Lovie reporting as alternate for Irene Chia who is on long term leave. Paul also asked to be contacted if anyone is interested in participating in this subcommittee.

Street Lighting and Traffic Systems Subcommittee - ALTERNATE CHAIR

PAUL LOVIE Associate Civil Engineer
Los Angeles County Public Works
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- m) **Other New Business:** None.

9. General Discussion: Lance reported last minute changes with APWA'S Greenbook Seminar. Erik Updyke is unable to present, and now presenters are needed for part 2 and 3 and the asphalt section. Nathan Forrest is preparing videos on the concrete part and will send them to Trish at APWA. Gena Na is participating with concrete pipes section, but coverage is still needed for asphalt and aggregates. Corina Wong will review slides prepared by Erik and prepare them for presentation at the seminar. Other possible presenters were mentioned with Steve Marvin of Labelle Marvin a top choice. Mention of a future Greenbook Seminar - Subcommittee was proposed in preparation of Erik Updyke stepping out and less involved with Greenbook activities. Separate topic, Nathan with support from Jeff Pollard, briefly spoke about Change #314SM. Table 200-1.4(B) currently has 8 to 20 limit, and Caltrans and ASTM and others use a 0 to 20 limit on that, so that's what we'd like to change.

TABLE 200-1.4 (B)

Sieve Size	Percentage Passing Sieve		
	No. 2	No. 3	No. 4
2" (50 mm)	100	-	-
1-1/2" (37.5 mm)	90-100	100	-
1" (25.0 mm)	5-40	90-100	-
3/4" (19.0 mm)	0-15	55-85	100
3/8" (9.5 mm)	0-5	8-20	85-100
No. 4 (4.75 mm)	-	0-5	0-30
No. 8 (2.36 mm)	-	0-5	0-10
No. 200 (75 µm)	0-2	0-2	0-2
ASTM C131 Test Grading	A	B	C

10. Next meeting: November 18, 2021 (last meeting of the year!)

11. Adjourn: 10:46a.m.

Submitted by: Greenbook Committee Secretary
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