

PUBLIC WORKS STANDARDS, INC. – GREENBOOK COMMITTEE

MEETING MINUTES

August 16, 2018

Presiding: Erik Updyke, APWA Co-Chair

1. **Called to Order:** 9:30 a.m.
2. **Self-Introduction:**

Voting Members & Alternates		
1	Assoum, Sam	LA County DPW
2	Avazian, Armen ^T	City of Glendale
3	Datuin, Elmer ^T	Riverside County
4	Fahey, Keegan ^{**}	LA County DPW (Proxy to McCarter, Colin)
5	Fernandez, Birger (Dickie) ^T	Orange County Sanitation District
6	Gilley, Curt ^{**}	Terrain Engineering Inc. (Proxy to Updyke, Erik)
7	Grindle, Lance ^T	LA County DPW
8	Kim, Jeewoong (Jun) ^T	Ventura County
9	Kubasek, Chris ^{**}	Orange County PW (Proxy to Tran, Vinh)
10	Macfarlane, Randall	City of Los Angeles BCA
11	Massabki, Raffi	City of Los Angeles BOE
12	Mitchell, David	Member at Large
13	Peterson, Dan ^T	DJP Co.
14	Phelps, Daniel J. ^T	Gill & Baldwin, P.C.
15	Ramirez, Onofre	City of Long Beach
16	Updyke, Erik	Member at Large
17	Vivant, Don ^T	Sully-Miller Contracting Corp.
18	Yanez, David ^T	Metropolitan Water District

Other Participants		
19	Bandziulis, Ruta	Tencate Geosynthetics
20	Galvez, Temo ^T	City of Fountain Valley
21	LaRue, Thomas (Tom)	ADS
22	McCarter, Colin	LA County DPW
23	Rajswing, Aidan	Thompson Pipe Group
24	Tran, Vinh	County of Orange
25	Woolsey, Rory ^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 17 voting members present.

4. Approval of Minutes from previous Meetings:

A vote to approve the minutes of July 19, 2018 Greenbook Committee meetings was unanimously approved; Motion to approve by Onofre Ramirez; Seconded by Raffi Massabki.

5. Correspondence:

8/16/2018 Proxies

- a. Proxy to Erik Updyke for Curt Gilley.
- b. Proxy to Vinh Tran for Chris Kubasek.
- c. Proxy to Colin McCarter for Keegan Fahey.

6. Old Business:

- a. Supplement Changes: None
- b. Other Old Business: None

7. New Business:

a. Co-Chairman's Report:

- On August 2nd, 2018 Erik spoke at the City & County Engineers Association (CCEA) meeting in Monterey Park and did a power point presentation on the Greenbook Committee, its history, structure, voting members agencies, current activities and major changes in the 2015 & 2018 Editions of the Greenbook. The presentation was very well received by CCEA.
- Call to pick-up embossed copies of the Greenbook.

b. Secretary's Report: No report.

c. Vice Chair Communication Report: *Lance Grindle*, No report.
Lance will update the Change Submittal Log [*Attached is an interim copy revised 3/15/18 reflecting new change numbers suffix and format*].

d. Vice Chair Editorial Report: *Erik Updyke*, met on 08/15/18.

e. Surface Materials and Methods Subcommittee Report:

Colin McCarter: A meeting was held August 16 (*next meeting Sep. 18, 2018*)

- 1) Made progress on Section 213-5 "Geotextiles and Geogrids"; Should be ready to submit that and start working on Part III.
- 2) Stabilized Base & Asphalt Task Force – Task complete, no future meetings will be scheduled.
- 3) Concrete Ad Hoc - Discussions ongoing on Fly Ash and Cast-In-Place Maintenance Hole.

f. Underground Materials and Methods Subcommittee Report: No report.

The August 14th meeting was cancelled (*next meeting - See Notice next page*)

Underground M & M Subcommittee Meeting Location Change Notice

The next UM Sub-Committee meeting will be held Tuesday 9/18/18 at 11:00 am and hosted by the California Precast Concrete Pipe Association at **the Thompson Pipe Group, Rialto Facility** - 3011 N Laurel Avenue, Rialto, CA 92377. [For more info call Doug McLaughlin, Director CPCPA (619)843-3847]

g. Standard Plans Subcommittee Report:

Temo Galvez: A meeting was held August 2 (*next meeting Sep. 6, 2018*)

- 1) On track to complete STD Plans editorial changes by Oct. 2018 & will proceed with the structural changes after Oct. 2018.

h. General Provisions Subcommittee Report:

David Yanez: meeting (*well attended*) held on Aug. 8 (*next meeting 9/12/18*)

- 1) Focused on reviewing section 3-9 and came up with recommended changes.
- 2) No new issues were raised.

i. Special Provisions Guide Subcommittee Report: No report.

j. Editorial Standards Subcommittee Report:

A brief meeting was held August 15, 2018 (*next meeting Sep. 19, 2018*)

Noted during proposed revisions review (reg. FHWA funded contracts):

- Since most agencies are using the Greenbook to administer their FHWA funded contracts, it is important that any changes to Greenbook Part I DO NOT result in removing language and clauses required by the Federal Highway Administration.
- Caltrans have a list of required Federal contracts clauses on their local assistance website and their local assistance procedures manual explicitly lists the Greenbook as being acceptable for administration for use of FHWA funded contracts (*FHWA requires inclusion of certain provisions including some that are not in the Greenbook like form 1273, and the Change Condition Clause*)
- Erik will be sending to the General Provisions Subcommittee old/historical memos and letters from Caltrans regarding the use of the Greenbook.

k. Other New Business: (None)

8. **General Discussion:**

1. Future of Greenbook Supplements:

Erik Updyke – We should do errata and post it on the website (forward errors and omissions to Keegan). Need to make a decision by the end of the year regarding publishing future yearly supplements.

2. Bi-Monthly GB committee meetings:

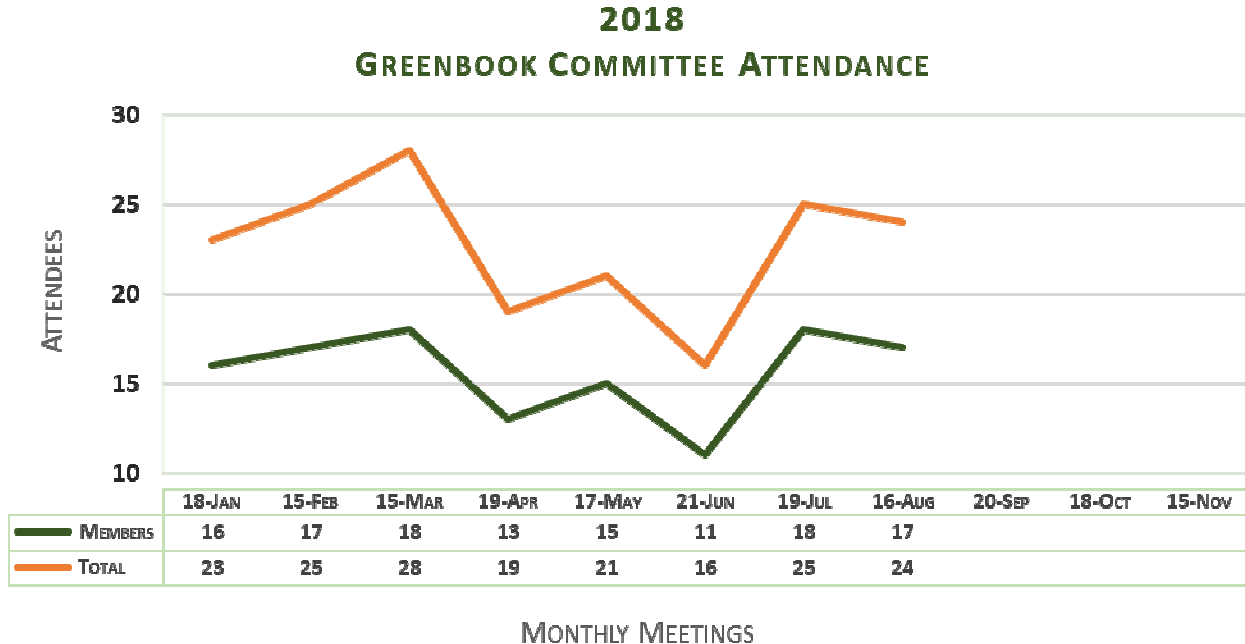
- *Erik Updyke* – It is important to meet monthly, it helps keep up the interest and momentum, discussions and focus lags off otherwise.

- *Lance Grindle* – Suggested meeting in person every other month and online every other month.
- *Don Vivant* – Suggested maintaining our monthly meetings as they currently are. Meeting online every other month will not be as effective and in-person attendance will slack off over time.
- *David Yanez* – Suggested maintaining monthly meetings. The Greenbook committee will continue with the status quo and plan on meeting monthly (topic could be brought up in the future).
- *Erik Updyke* – The Greenbook committee will continue with the status quo and plan on meeting monthly (topic could be brought up in the future).

9. **Next Meeting:** October 18, 2018

10. **Adjourned:** 9:55 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



Members



The Greenbook Committee of Public Works Standards, Inc.

Publications

Standard Specifications for Public Works Construction (Greenbook)

Standard Plans for Public Works Construction

PROXY

Name Curtiss Gilley
[print]

[signature]

Representing APWA AGC SCCA ECA

for [if APWA representative, indicate agency affiliation] _____

Pursuant to Article II.B.3 of the Operating Policies and Procedures of the Greenbook Committee of Public Works Standards, Inc., I hereby designate

Erik Updyke

[Name]

to represent APWA AGC SCCA ECA

for [if APWA representative, indicate agency affiliation] _____

to vote on my behalf at the Greenbook Committee meeting Aug. 16, 2018
[date]

for all matters that come before the committee.

AGC Southern California Regional Office
1906 West Garvey Avenue South, Suite 100
West Covina, California 91760

Members

The Greenbook Committee
of
Public Works Standards, Inc.

Publications



Standard Specifications for Public Works Construction (Greenbook)

Standard Plans for Public Works Construction

PROXY

Name Keegan Fahey [print] Keegan D Fahey [signature]

Representing APWA AGC SCCA ECA

for [if APWA representative, indicate agency affiliation] Los Angeles County Department of Public Works

Pursuant to Article II.B.3 of the Operating Policies and Procedures of the Greenbook Committee of Public Works Standards, Inc., I hereby designate

Colin McCarter
[Name]

to represent APWA AGC SCCA ECA

for [if APWA representative, indicate agency affiliation] Los Angeles County Department of Public Works

to vote on my behalf at the Greenbook Committee meeting 08/16/18 [date]

for all matters that come before the committee.

Members

The Greenbook Committee
of
Public Works Standards, Inc.

Publications



American Public Works Association



Associated General Contractors of California



Engineering Contractors Association



Southern California Contractors Association

Standard Specifications for Public Works Construction (Greenbook)

Standard Plans for Public Works Construction

PROXY

Name

CHRISTOPHER G. KUBASEK
[print]

[Signature]
[signature]

Representing

APWA

AGC

SCCA

ECA

for [if APWA representative, indicate agency affiliation]

COUNTY OF ORANGE, OC PUBLIC WORKS

Pursuant to Article II.B.3 of the Operating Policies and Procedures of the Greenbook Committee of Public Works Standards, Inc., I hereby designate

LINH TRAN
[Name]

to represent

APWA

AGC

SCCA

ECA

for [if APWA representative, indicate agency affiliation]

OC PUBLIC WORKS

to vote on my behalf at the Greenbook Committee meeting

AUGUST 14, 2018
[date]

for all matters that come before the committee.

AGC Southern California Regional Office
1906 West Garvey Avenue South, Suite 100
West Covina, California 91760

PUBLIC WORKS STANDARDS, INC. - GREENBOOK COMMITTEE

CHANGE SUBMITTAL LOG

LATEST REVISION: 3-15-2018

Previous Change No./Suffix	Updated Change No.	Section	Date Received	Subject	Submitted by	Subcommittee Action			Editorial Standards Review		Joint Committee Action				
						Assigned to	ACTION		Date	Date Submitted	Date Returned	ACTION		Date	GB Edition
							A	R				A	R		
164NS	164 SM	301-3	11/17/2005	Portland Cement Treated Mixtures	Jeffrey Wykoff Cemex	M&M-S	X		3/4/2014	3/12/2014	6/19/2014	X		7/17/2014	2015
175NS	175 SM	215 & 313	10/19/2006	Work Area Traffic Control Installation	Jerry Ellison	M&M-S	X		3/13/2007	4/15/2010	7/15/2015	X		8/20/2015	2016
200GP	200 GP	ALL	2/19/2009	Proprietary Products Footnote	Dan Peterson	Specs	X					X		3/19/2009	2012
217NS	217 SM	300-4.4	2/18/2010	Benching	City of San Diego	M&M-S	X		2/18/2014	2/19/2014	4/30/2014	X		6/19/2014	2015
223NU	223 UM	306	6/29/2010	306 Update	Curt Gilley	M&M-U			7/15/2014	7/16/2014	9/17/2014	X		10/16/2014	2015
225NS	225 SM	301-4	9/16/2010	Lime Stabilized Base	Jim O'Kane	M&M-S			10/13/2015	10/13/2015	10/14/2015				
235NS	235 SM	201-2	8/18/2011	Fiber Reinforced Concrete	Malcolm Smith Bekaert	M&M-S	X		3/18/2014	3/20/2014	4/30/2014			6/19/2014	2015
236GP	236 GP	500-1.1.5	8/18/2011	Revise CCTV	Tim Regello City of Vista	Specs									
239GP	239 GP	5-1	10/20/2011	Gov Code Update	Nelson Nelson	Specs	X		5/16/2012	6/20/2012	1/15/2014	X		3/20/2014	2015
241NU	241 UM	308-5.6.2	11/17/2011	Pressure Testing	Dan Peterson	M&M-U				9/18/2013		X		10/17/2013	2014
242NU	242 UM	Various 207, 208 & 306	1/19/2012	Water Pipeline Construction	Dennis Phinney, Psomas	M&M-U	X		5/13/2014	7/15/2014	7/16/2014	X		8/21/2014	2015
244NS	244 SM	201-1.6, 303-8	10/18/2012	Pervious Concrete	Conc Ad HOC	M&M-S	X		5/13/2014	5/13/2014	5/14/2014	X		6/19/2014	2015
245GP	245 GP	2-5.3	10/18/2012	Installation Instructions	Dennis Phinney, Psomas	Specs	X		11/14/2012	11/15/2012	4/17/2013			7/18/2013	2014

PUBLIC WORKS STANDARDS, INC. - GREENBOOK COMMITTEE

CHANGE SUBMITTAL LOG

LATEST REVISION: 3-15-2018

Previous Change No./Suffix	Updated Change No.	Section	Date Received	Subject	Submitted by	Subcommittee Action			Editorial Standards Review		Joint Committee Action				
						Assigned to	ACTION		Date	Date Submitted	Date Returned	ACTION		Date	GB Edition
							A	R				A	R		
246NS	246 SM			Alkali-Silica reactions testing	Conc Ad HOC	M&M-S									
247GP	247 GP	4-1.9	3/21/2013	Const. Materials Dispute Resolution	Specs Subcomm.	Specs	X		3/20/2013	4/17/2013	5/15/2013	X		8/15/2013	2014
248GP	248 GP	9-1	3/21/2013	Measurement & Payment	Specs Subcomm.	Specs	X		9/17/2014	9/18/2014					
249NS	249 SM	203-6		Asphalt Concrete	Asphalt Task Force	M&M-S	X		5/13/2014	5/13/2014	6/18/2014			7/17/2014	2015
250NS	250 SM	212	3/13/2013	Landscape and irrigation materials	Nabil Batta, City of SD	M&M-S		X	7/17/2013						
251NS	251 SM	308	3/13/2013	Landscape and irrigation installation	Nabil Batta, City of SD	M&M-S		X	7/17/2013						
252NS	252 UM	200-1, 203-1.2(A), 1.4(A) & 1.6(A)	5/13/2013	Rock Products add ASTM test method	Ken Sears, Conc AD HOC	M&M-U	X		6/18/2013	6/18/2013	6/19/2013	X		7/18/2013	2014
253NS	253 SM		7/11/2013	Add PG-M spec to tables	Jon Schauble City of Carlsbad	M&M-S	X		10/13/2015	10/13/2015	10/14/2015	X		1/20/2016	2016
254S	254 GP	2-7	7/18/2013	Modify verbiage re: groundwater elevation	Nelson Nelson	Specs	X		7/17/2013	9/16/2014	7/15/2015	X		8/20/2015	2016
255S	255 GP	4-1.6	7/18/2013	Restate "adequate time" in section	Nelson Nelson	Specs	X		7/17/2013	9/16/2014	2/18/2015	X		8/20/2015	2016
256S	256 GP	5-5, 6-6	8/15/2013	Editorial Changes to Sections	Nelson Nelson	Specs			8/14/2013	9/16/2014	9/16/2015	X		10/15/2015	2016
257NS	257 SM	200-1, 203-12	11/19/2013	Revise screenings gradations, other editorial	Erik Updyke	M&M-S	X		5/13/2014	5/13/2014	5/14/2014	X		6/19/2014	2015
258ES	258 ES	209, 307		Move to Part 7, "Street Lighting & Traffic Signal Systems"	Editorial Standards	ES	X		1/15/2013	1/15/2013	2/19/2014	X		4/16/2014	2015

PUBLIC WORKS STANDARDS, INC. - GREENBOOK COMMITTEE

CHANGE SUBMITTAL LOG

LATEST REVISION: 3-15-2018

Previous Change No./Suffix	Updated Change No.	Section	Date Received	Subject	Submitted by	Subcommittee Action			Editorial Standards Review		Joint Committee Action				
						Assigned to	ACTION		Date	Date Submitted	Date Returned	ACTION		Date	GB Edition
							A	R				A	R		
259ES	259 ES	212, 308		Move to Part 8, "Landscaping and Irrigation"	Editorial Standards	ES	X		11/20/2013	9/18/2013	11/20/2013	X		1/16/2014	2015
260ES	260 ES	306-2, 306-3		Move to 307, "Jacking and Tunneling"	Editorial S./ UM	ES	X		11/20/2013	11/20/2013	11/20/2013	X		3/20/2014	2015
261ES	261 ES	306-8		Move to 308, "Microtunneling"	Editorial S./ UM	ES	X		11/20/2013	9/18/2013	11/20/2013	X		1/16/2014	2015
262NS	262 SM	300-1		Removal of Existing Improvements	SM/ 300-1 Task Force	M&M-S					9/16/2015	X		10/15/2015	2016
263NS	263 SM	302-2	11/19/2013	Chip Seal Revisions	Erik Updyke	M&M-S	X		5/13/2014	5/13/2014	6/18/2014			7/17/2014	2015
264ES	264 ES	7-10.2		Move to Part 6, "Temporary Traffic Control"	Editorial Standards	ES	X		4/30/2014	11/20/2013	4/30/2014	X		6/19/2014	2015
265S	265 GP	2-Jul	9/19/2013	Labor	Nelson Nelson	Specs	X		9/18/2013	9/16/2014	7/15/2015	X		9/17/2015	2016
266NU	266 UM	203-3		Polypropylene Pipe	San Diego County	M&M-U	X		2/17/2014		8/15/2015	X		9/17/2015	2016
267S	267 GP	203-3	11/19/2013	Add polymer modified emulsion	Erik Updyke	M&M-S	X		3/14/2017	3/14/2017	3/15/2017	X		5/18/2017	2018
268NS	268 SM	204-2	4/17/2014	Treatment with preservatives	Erik Updyke	M&M-S	X		5/13/2014	5/13/2014	5/14/2014	X		6/19/2014	2015
269NS	269 SM	Various	9/9/2013	Changes to terms 'Cement' and 'Portland Cement'	Ken Sears, PCA	M&M-S	X		4/18/2014	6/21/2014	10/15/2014	X		11/20/2014	2015
270NS	270 SM	201-1	6/13/2014	Shrinkage compensating cement	Conc Ad HOC	M&M-S									
271NS	271 SM	304-2.2	6/23/2014	Flexible Metal Guard Rail	M & M Surface	M&M-S	X		6/17/2014	6/23/2014	8/20/2014	X		9/18/2014	2015

PUBLIC WORKS STANDARDS, INC. - GREENBOOK COMMITTEE

CHANGE SUBMITTAL LOG

LATEST REVISION: 3-15-2018

Previous Change No./Suffix	Updated Change No.	Section	Date Received	Subject	Submitted by	Subcommittee Action			Editorial Standards Review		Joint Committee Action				
						Assigned to	ACTION		Date	Date Submitted	Date Returned	ACTION		Date	GB Edition
							A	R				A	R		
272NS	272 SM	300-11	7/17/2014	RIP RAP	M & M Surface	M&M-S									
273P	273 SP	SP 100-2, 600-4	8/13/2015	Provide additional details to subject plans	Temo Galvez	STD Plans	X		8/7/2015						
274NS	274 SM	500-3	5/15/2015	Annular space grouting		M&M-S									
275U	275 UM	300-1, 300-11	6/25/2015	Reinforced Concrete Box	M & M Underground	M&M-U	X		5/18/2017	5/18/2017	6/14/2017	X		7/20/2017 2018	
276NS	276 SM	400	7/13/2015	Delete Part 4	Conc Ad HOC	M&M-S	X		8/18/2015	8/19/2015	8/19/2015	X		9/17/2015 2016	
277G	277 SG	Part 1	10/14/2015	Update Part 1	GP/ ES	G. Prov.	X		6/17/2017	6/17/2017	8/16/2017	X		9/21/2017 2018	
278U	278 UM	207-20	6/16/2016	FRPM Pipe Tolerance	LACSD	M&M-U	X		11/15/2017	11/16/2017	11/16/2017	X		1/19/2017 2018	
279S	279 GP	302-3	4/16/2015	Microsurfacing	Asphalt task force	M&M-S	X		3/14/2017	3/14/2017	3/15/2017	X		5/18/2017 2018	
280S	280 GP	202	8/8/2016	Mortar Cement	Conc Ad HOC	M&M-S					7/19/2017	X		8/17/2017 2018	
281E	281 ES	Part 4	3/17/2016	Create new Part 4, "Existing Improvements"	Editorial Standards	ES/ SM	X		3/14/2017	3/14/2017	6/14/2017	X		7/20/2017 2018	
282S	282 SM	302-5	12/1/2016	Update cold milling, add micromilling	Erik Updyke	M&M-S					7/19/2017	X		8/17/2017 2018	
283U	283 UM	217	8/3/2015	Edit and revise 217	M & M Underground	M&M-U	X		6/13/2017	6/14/2017	6/14/2017	X		7/20/2017 2018	
284U	284 UM	Part 5		Revise, update, and edit Part 5	M & M Underground	M&M-U					7/19/2017	X		8/17/2017 2018	

PUBLIC WORKS STANDARDS, INC. - GREENBOOK COMMITTEE

CHANGE SUBMITTAL LOG

LATEST REVISION: 3-15-2018

Previous Change No./Suffix	Updated Change No.	Section	Date Received	Subject	Submitted by	Subcommittee Action			Editorial Standards Review		Joint Committee Action			GB Edition	
						Assigned to	ACTION		Date	Date Submitted	Date Returned	ACTION			Date
							A	R				A	R		
297P	297 SP	134-2	12/5/2017	Concrete Pavement Joint Details	Alex Salazar	STD Plans									
	298 --														

GB Subcommittees	Updated Change No. Suffix
Editorial Standards	ES
General Provisions	GP
Materials & Methods - Surface	SM
Materials & Methods - Underground	UM
Special Provisions Guide	SG
Standard Plans	SP