

## AGENDA

### TAC Construction Standards Committee (TCSC)

Wednesday, March 26, 2014, 7:30 – 10 AM

Grand Sierra Resort in Room Crystal 4

Reno, NV

#### 1. Call to Order and Introduction of Members and Visitors

##### 1.1 Approval of Agenda

##### 1.2 Approval of Past Meeting Minutes

#### 2. Status of Specification Activities

##### 2.1 Updates

BACKGROUND: TCSC members are assigned as liaisons to ACI committees known to be working on a specification. Liaisons are responsible for providing guidance on format and style to the specification writing committee. Liaisons have been given access to the committee's web site and ballots. In addition, these committees are asked to provide representation to TCSC and are appointed as associate members of TCSC.

Committee	TCSC Liaison	Committee Representative
117	Charles Hanskat	Karl J. Bakke
301	Jon Ardahl	same
305	Calvin McCall	Jim Cornell
306	Calvin McCall	Need representative
308	Aimee Pergalsky	David Suchorski
310	<b>None</b>	<b>None</b>
311	Al Kaufman	Michael Russell
327	Michael Sprinkel	Wayne Adaska
330	Art Weiss	Robert Varner
336	Billy Oliver	same
346	Al Kaufman	same
350	Jon Ardahl	same
351	Pericles Stivaros	Need representative
423	Charles Hanskat	James Rogers
440	Nick Carino	Need representative
506	Charles Hanskat	same
522	Aimee Pergalsky	Dale Fisher
548	Art Weiss	Michael Stenko
563	Michael Sprinkel	same

**ACTION:** TCSC Liaison and Associate Members are asked to report on their respective committees' activities and discuss any actions required of TCSC. Attachment 2.1, ACI Specification Activity, has been updated on March 19, 2014, according to ACI staff records for TCSC reference.

### 3. Technical Committee Manual

REPORT: Larry Rowland, chair of ACI 310 on Decorative Concrete, submitted a request to write a new specification for polished concrete (see Item 4.2). In a separate correspondence to ACI (Attachment 3), Chair Rowland expressed a desire for the committee to publish the specifications in the CSI format. He is probably talking about MasterSpec by ARCOM but in essence he is asking about editable specifications.

**ACTION:**

1. Does TCSC want to discuss the possibility of ACI producing editable specifications? If yes, what action should TCSC take?
2. See Action for Item 4.1.

### 4. Requests for New Specifications and review of specifications to TAC

REPORT: There have been three requests for new specifications and no specifications have been submitted for review since the last meeting. The information on the

**4.1** Committee ACI 329 submitted a request to develop a new guide specification for concrete that is performance-based. A web ballot was issued October 30, 2013, and ended November 11, 2013. TCSC was balloted concurrently with TAC. TAC voted 10-3-1 and TCSC voted 10-4-1. The negatives were substantial thus the request was not approved. TAC recommended the committee write a guide on how to write a performance-based specification. Several TCSC comments were similar to the TAC action. Carino commented that TCSC should consider asking TAC to restore the Guide Specification. Ardahl and Stivaros did not feel that the committee gave enough information to fully understand the proposal. Their comments were given to the committee.

Note: ACI 329 later submitted a proposal to write a “Guide to Performance-Based Concrete Specifications” to TAC for consideration at the TAC spring meeting.

**ACTION:** Does TCSC want to work on reinstating the Guide Specification?

**4.2** Committee 310 submitted a request to develop a specification for polished concrete flatwork. TCSC was balloted first which ended February 12, 2014, and TAC was balloted after TCSC which ended March 3, 2014. Since these ballots are now done between conventions, it makes sense for TCSC to ballot first so that TAC would have their advice before their ballot. TAC voted 13-0-1 and TCSC voted 13-1-0 with one unreturned vote. Carino had the only negative. He and Oliver noted that the committee did not provide an outline which is recommended by the TCM. Ardahl commented on whether this should be a guide specification or not. TAC reflected the concern of not having a detailed proposal and that the committee is not currently balanced. TAC approved the request contingent on the committee adequately addressing these concerns.

**ACTION:** This item is for information only.

**4.3** Committee 440 submitted a proposal to write a reference specification titled, “Specification for Construction with Externally Bonded Fiber-reinforced Polymer (FRP) Materials Using the Wet Layup Method.” TCSC completed a ballot on the proposal on February 27, 2014. The vote was 12-0-0 with 3 unreturned votes. TAC will review and discuss at the 2014 Spring TAC meeting. TCSC had several editorial comments which should all be communicated back to the committee.

**ACTION:** This item is for information only.

**5. ACI Committee E707**

REPORT: The education committee, E707, Specification Education, meets on Tuesday, March 25, from 11:30a to 1p, in Room Crystal 3.

**ACTION:** A representative from the E707 is asked to report on their meeting.

**6. New Business**

**7. Adjournment**

**Attachments:**

2.1 — ACI Specifications Activity

3 — Email About Editable Specifications

**Attachment 2.1**  
**ACI SPECIFICATIONS ACTIVITY**  
**(Updated March 19, 2014)**

<b>Committee</b>	<b>Specification</b>	<b>Document Number</b>	<b>Status</b>
117 – Tolerances	Specifications for Tolerances for Concrete Construction and Materials	117-10	No activity; 4 years until expiration
	Specification for Tolerances for Precast Concrete	ITG 7-09	Will become a chapter in ACI 117
301 – Specifications for Concrete	Specifications for Structural Concrete	301-10	Balloting; close to submittal to TAC
305 – Hot Weather Concreting	Specification for Hot Weather Concreting	305.1-06	Balloting closure should resolve final negatives at this convention
306 – Cold Weather Concreting	Standard Specification for Cold Weather Concreting	306.1-90 (2002)	No activity; past expiration
308 – Curing Concrete	Standard Specification for Curing Concrete	308.1-11	No activity; 5 years until expiration
311 – Inspection of Concrete	Specification for Ready-Mixed Concrete Testing Services	311.6-09	No activity; 3 years until expiration.
	Specification for Cast-in-Place Concrete Inspection Services	311.7-14	In final stages of publishing
327 – Roller-Compacted Concrete Pavements	Specification for Roller-Compacted Concrete Pavements	New	Approval given in Spring of 2013
330 – Concrete Parking Lots and Site Paving	Standard Specification for Plain Concrete Parking Lots	330.1-03	Balloting closure should resolve final negatives at this convention
336 – Footings, Mats, and Drilled Piers	Specification for the Construction of Drilled Piers	336.1-01	Last summer was going to ballot for reapproval; it never happened
346 – CIP Pipe	Specification for Cast-in-Place Concrete Pipe	346-09	Working on a new draft.
350 – Environmental Structures	Specifications for Concrete Environmental Containment Structures	350.5-12	No activity; 6 years until expiration
	Specification for Tightness Testing of Environmental Engineering Concrete Containment	350.1-10	No activity; 4 years until expiration
351 – Foundations for Equipment and Machinery	Specification for Cementitious Grouting between Foundations and Equipment Bases	351.Y	TAC reviewing response to TAC comments
	Specification for Epoxy Grouting between Foundations and Equipment Bases.	351.X	Opened for public comment on March 1
423 – Prestressed Concrete	Specification for Unbonded Single-Strand Tendon Materials and Commentary	423.7-07	Finished TAC comments; requested to be a Provisional Standard at this convention
440 – Fiber Reinforced Polymer Reinforcement	Specification for Construction with Fiber Reinforced Polymer (FRP) Reinforcing Bars	440.5-08	No activity; 2 years until expiration

Committee	Specification	Document Number	Status
	Material Specification for Carbon and Glass Fiber Reinforced Polymer (FRP) Bar Materials for Concrete Reinforcement	440.6-08	ASTM D30.10 will take this specification as new business.
	Material Specification for Carbon and Glass Fiber-Reinforced Polymer (FRP) Materials Made by Wet Layup for Externally Reinforcing Concrete Structures	440.8-13	Recently finished; 7 years until expiration
506 – Shotcreting	Specifications for Shotcrete	506.2-13	Recently finished; 7 years until expiration
522 – Pervious Concrete	Specification for Pervious Concrete Pavement	522.1-13	Recently finished; 7 years until expiration
548 – Polymers and Adhesives in Concrete	Specifications for Latex Modified Concrete (LMC) Overlays	548.4-11	No activity; 5 years until expiration
	Specification for Type EM (Epoxy Multi-Layer) Polymer Overlay for Bridge and Parking Garage Decks	548.8-07	No activity; 1 year until expiration
	Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks	548.9-08	No activity; 2 years until expiration
	Specification for Type (MMS) Methyl Methacrylate Slurry Polymer Overlays for Bridge and Parking Garage Decks	548.10-10	No activity; 4 years until expiration
	Standard Specification for Bonding Hardened Concrete and Steel, to Hardened Concrete with a Multi-Component Epoxy Adhesive	548.12-12	No activity; 6 years until expiration
	Standard Specification for Bonding Plastic Concrete to Hardened Concrete with a Multi-Component Epoxy Adhesive	548.F (503.2-92)	TAC reviewing response to TAC comments
	Standard Specification for Producing a Skid Resistant Surface on Concrete by the Use of a Multi-Component Epoxy System	503.3-10	No activity; 4 years until expiration.
	Standard Specification for Repairing Concrete with Epoxy Mortars	548.G (503.4-92)	TAC reviewing response to TAC comments
	Specification for Crack Repair by Epoxy Injection	503.7-07	No activity; 1 year until expiration

Committee	Specification	Document Number	Status
563 – Specifications for Repair of Structural Concrete in Buildings	Specification for Repair of Existing Structural Concrete	New	Balloting

**Attachment 3**  
**EMAIL ABOUT EDITABLE SPECIFICATIONS**

**From:** [Kevin P. Mlutkowski](#)  
**To:** [Douglas J. Sordyl](#); [Matthew R. Senecal](#)  
**Subject:** ACI Documents in CSI Format  
**Date:** 02/07/2014 01:34 PM

---

Doug, Matt,

I had a conversation with Larry Rowland, chair of ACI 310 on Decorative Concrete, about his desire for the committee to publish several specifications (one spec on color, another spec on polishing, etc.) in the next several years. He ultimately wants the specs to be in the CSI format for increased acceptance/use, but doesn't know where/how to begin the process. Do you have any guidance that I can pass along to him?

Thank you,  
-- Kevin

Kevin P. Mlutkowski, LEED AP BD+C  
Director, Sustainability & Marketing  
p [+1.248.848.3716](tel:+12488483716) | [@kevinmlutkowski](mailto:@kevinmlutkowski)

American Concrete Institute | *Always advancing*  
[www.concrete.org](http://www.concrete.org)