

# AGENDA

## TAC Construction Standards Committee (TCSC)

Wednesday, October 28, 2020, 11:30 AM – 1:30 PM EDT (UTC-4)  
Online

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

**1.1 Approval of Agenda**

**1.2 Approval of Past Meeting Minutes** - The minutes of the Spring 2020 virtual meeting were approved with editorial corrections by web ballot ending on 8/20/2020.

**1.3 Amendments to the Agenda**

**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	Bruce Suprenant (M)	same
301	Jim Cornell (M)	same
305	Jim Cornell (M)	same
306	Michelle Wilson	?
308	Aimee Pergalsky (M)	David Suchorski
310	Bruce Suprenant	none
311	Al Kaufman	Claude Jaycox
327	Michael Sprinkel	Wayne Adaska
330	Mike Stenko	Robert Varner
336	Ed Ulrich (M)	same
350	Jon Ardahl (M)	same
351	Pericles Stivaros	none
423	Carl Larosche	James Rogers
440	Nick Carino	none
506	Ed Ulrich	?
522	Aimee Pergalsky (AM)	Dale Fisher
548	Michael Stenko (M)	same
563	Michael Sprinkel (M)	same
* (M) denotes member of committee being supported. (AM) denotes associated member of committee being supported.		

**ACTION:** A new Committee representative will be selected for Committees 306 and 506, if necessary.

**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 October 8, 2020, according to ACI staff records for TCSC reference. Please note that the due dates for specifications reflect a 5-year revision requirement recently approved by TAC.

**ACTION:** Chair Larosche will report on TAC withdrawal of ACI 306.1 due to exceeding the 5-year requirement.

**ACTION:** Are there any action items required based on the specification status reports?

### 3. Technical Committee Manual (TCM)

#### 3.1 TCM Ballot

**BACKGROUND:** Proposed changes to the TCM should be sent to the Chair(s) of the TCM task group no later than May 2021.

A change discussed at the Spring 2020 meeting was balloted by TCSC with the ballot ending on 8/20/2020. The ballot passed with one negative and three affirmative with comment votes. The comments received are summarized as follows:

- Negative by Cornell: The criteria is written for a new spec, most of committee work is revising and updating existing specs. Suggest the following change: 'Designated members of the specification committee shall receive training on the content of Chapter 6 before the committee begins drafting new **or revising existing** construction specification.'
- Aff. w/ Comment by Marcotte: The immediate question will be: what does "designated members" mean in practice? Recommend we discuss this further, distinguishing between single product and multi-section specs, and whether an editorial group would suffice.
- Aff. w/ Comment by Oliver: Rationale says "encourage" while ballot says "require". As the language includes "shall", require is more accurate. Also, "committee's" should be plural rather than possessive.
- Aff. w/ Comment by Wilson: Suggest changing the following sentence to: **Committee Chair shall select** designated members of the specification committee **to serve as editorial task group. Editorial task group members** shall receive training on the content of Chapter 6 before the committee begins drafting a new construction specification **or changes to an existing specification.**

**ACTION:** TCSC will discuss the negative vote and comments.

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

**BACKGROUND:** No requests to develop new specifications have been reviewed by TAC. At the TAC summer meeting, revisions to ACI 548.9, "Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks," were approved subject to satisfactory response to TAC comments. No specifications were submitted for review at the Fall 2020 TAC meeting.

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

**5. ACI Committee E707**

**BACKGROUND:** At the Spring 2020 meeting, Pergalsky reported that E707 could use some additional members, as several members had recently resigned from E707.

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

**ACTION:** Is there any TCSC action required?

**6. Guide to using ACI reference specifications**

**BACKGROUND:** A task group consisting of Suprenant, Hanskat, and Ardahl was formed to write a short document providing guidance on using ACI reference specifications. In the October 2019 issue of *Concrete International*, Suprenant published an article on the use of reference specifications that may serve the purpose of the proposed guide to using ACI reference specifications. TCSC was balloted to determine if the article should be distributed with all ACI reference specification purchased from ACI. The ballot did not receive enough affirmative votes to pass. A Revised ballot closed on 8/20/2020 and passed with two affirmative with comment votes.

**Report:** Tholen has forwarded the comments to *Concrete International* Editor-in-Chief, Rex Donahey. Tholen will report on the status.

**ACTION:** Is there any TCSC action required?

**7. New Business**

TCSC will consider new business items as time permits.

**8. Adjournment**

**Attachments:**

2.1 – ACI Specifications Activity

**Attachment 2.1**  
**ACI SPECIFICATIONS ACTIVITY**  
**(Updated October 8, 2020)**

Committee	Specification	Document Number	Status
117 – Tolerances	Specification for Tolerances for Concrete Construction and Materials	117-10 (Reapproved 2015)	Reapproved in 2015. Bob Howell working with committee on revision. Sections are currently being balloted. <a href="#">Expires 10/26/2020</a>
	Specification for Tolerances for Precast Concrete	ITG 7-09	Will become a chapter in the next ACI 117. <a href="#">Expired in 2014.</a>
301 – Specifications for Concrete	Specifications for Structural Concrete	301-20	. <a href="#">Published.</a> <a href="#">Expires 8/31/2025.</a>
305 – Hot Weather Concreting	Specification for Hot Weather Concreting	305.1-14 (Reapproved 2020)	Reapproved January 2020 for five years. Committee plans to revise once their guide is finalized. <a href="#">Expires 1/2/2025.</a>
306 – Cold Weather Concreting	Standard Specification for Cold Weather Concreting	306.1-90 (Reapproved 2002)	Per chair on 10/11/2019, committee balloting revision. There has been no balloting since before 2005. <a href="#">Expired 8/1/2007.</a>
308 – Curing Concrete	Specification for Curing Concrete	308.1-11	Last ballot on revision was 9/28/2019. No balloting since. <a href="#">Expired 7/14/2016.</a>
310 – Decorative Concrete	Specification for Polishing Finishes	New	Approved summer 2019. Final Proof queries are with the chair since 9/4/2020. <a href="#">Expires 8/19/2025</a>
311 – Inspection of Concrete	Specification for Ready-Mixed Concrete Testing Services	311.6-18	<a href="#">Expires 9/5/2023.</a>
	Inspection Services Specification for Cast-in-Place Concrete Construction	311.7-18	<a href="#">Expires 4/24/2023.</a>
327 – Roller-Compacted Concrete Pavements	Specification for Roller-Compacted Concrete Pavements	New	Permission to develop granted spring of 2013. Last balloted 4/5/2018.
330 – Concrete Parking Lots and Site Paving	Specification for Unreinforced Concrete Parking Lots	330.1-14	Committee balloted to reapprove, received a comment, but never submitted to headquarters. No revision is in the works. Requested a status update 10/7/2020. <a href="#">Expired 11/21/2019.</a>

<b>Committee</b>	<b>Specification</b>	<b>Document Number</b>	<b>Status</b>
336 – Footings, Mats, and Drilled Piers	Specification for the Construction of Drilled Piers	336.1-01	A revision was RRR'd by TAC at the 2020 spring convention. <a href="#">Expired 12/18/2007.</a>
350 – Environmental Structures	Specification for Tightness Testing of Environmental Engineering Concrete Containment Structures	350.1-10	Per chair on 10/7/2019: Currently resolving negatives on revision ballot. Expected to submit revision to TAC by end of 2019. Nothing to headquarters to date. Last ballot October 2018. <a href="#">Expired 2/24/2016.</a>
	Specifications for Environmental Concrete Structures	350.5-12	Per chair 10/7/2019: Specification Subcommittee is revising. Nothing has been sent to headquarters to date. <a href="#">Expired 4/29/2018.</a>
351 – Foundations for Equipment and Machinery	Specification for Installation of Cementitious Grouting between Foundations and Equipment Bases	351.4-14	A revision was balloted and closed on 10/3/2020. Nothing has been sent to headquarters. <a href="#">Expired 2/17/20.</a>
	Specification for Installation of Epoxy Grout between Foundations and Equipment Bases.	351.5-15	A revision was balloted and closed on 10/8/2020. Nothing has been sent to headquarters. <a href="#">Expires 5/8/2020.</a>
423 – Prestressed Concrete	Specification for Unbonded Single-Strand Tendon Materials	423.7-14	A revision was balloted and closed on 8/23/2020. Ten negatives were received. <a href="#">Expired 12/11/2019.</a>
440 – Fiber Reinforced Polymer Reinforcement	Specification for Construction with Fiber-Reinforced Polymer Reinforcing Bars	440.5-08	Revision approved by TAC Fall 2017. Public Discussion closed 1/9/2020. Waiting for committee to respond to public comments. <a href="#">Expired 7/8/2013.</a>
	Specification for Carbon and Glass Fiber-Reinforced Polymer Bar Materials for Concrete Reinforcement	440.6-08 (Reapproved 2017)	This specification is being moved to ASTM D30.10. It is WK43339. ASTM D30.10. Last ballot 12/1/2018. <a href="#">Expires 7/18/22.</a>
	Specification for Carbon and Glass Fiber-Reinforced Polymer (FRP) Materials Made by Wet Layup for External Strengthening of Concrete and Masonry Structures	440.8-13	No activity to date. <a href="#">Expired 2/26/19.</a>

Committee	Specification	Document Number	Status
	Specification for Construction with Externally Bonded Fiber-reinforced Polymer (FRP) Materials Using the Wet Layup Method	440.X	Approved during 2020 spring convention. Waiting for committee to respond to TAC comments.
506 – Shotcreting	Specification for Shotcrete	506.2-13 (Reapproved 2018)	No recent activity. Expires 10/26/23.
	Guide for Specifying Underground Shotcrete	506.5R-09 (Reapproved 2016)	No recent activity. Expires 8/4/21.
522 – Pervious Concrete	Specification for Pervious Concrete Pavement	522.1-20	Revision approved summer 2019.Sent to Publishing Services 5/15/2020.. Expired 7/2/18.
548 – Polymers and Adhesives in Concrete	Specification for Latex-Modified Concrete Overlays	548.4-11	No recent activity. Expired 5/3/17.
	Specification for Type EM (Epoxy Multi-Layer) Polymer Overlay for Bridge and Parking Garage Decks	548.8-19	Expires 3/29/24.
	Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks	548.9-08	Revision approved during the 2020 summer convention. Expired 8/11/13.
	Specification for Type MMS (Methyl Methacrylate Slurry) Polymer Overlays for Bridge and Parking Garage Decks	548.10-10	A revision was balloted and closed on 9/12/2020. Expired 8/12/15.
	Specification for Bonding Hardened Concrete and Steel to Hardened Concrete with an Epoxy Adhesive	548.12-12 (503.1)	Per Chair Reda Taha, this document was incorporated into 548.13-14. Expired 4/9/18.
	Specification for Bonding Fresh Concrete to Hardened Concrete with a Multi-Component Epoxy Adhesive	548.13-14 (503.2)	TAC approved a revision at the 2020 fall convention.The committee’s responses to TAC comments is being balloted and closes 10/20/2020. Expired 10/2/19.
	Standard Specification for Producing a Skid Resistant Surface on Concrete by the Use of a Multi-Component Epoxy System	548.Y 503.3-10	TAC approved a revision and designation change at the 2019 fall convention. Waiting for committee to respond to TAC comments. Expired 10/13/15.
	Standard Specification for Repairing Concrete with Epoxy Mortars	548.14-14 (503.4-92)	No activity. Expired 12/18/19.

<b>Committee</b>	<b>Specification</b>	<b>Document Number</b>	<b>Status</b>
	Specification for Crack Repair by Epoxy Injection	548.15-20	A revision was sent to Publishing Services on 6/24/2020. <a href="#">Expires 6/19/2025.</a>
563 – Specifications for Repair of Structural Concrete in Buildings	Specification for Repair of Existing Structural Concrete	563-18	<a href="#">Expires 8/29/2023.</a>