

## AGENDA

### TAC Construction Standards Committee (TCSC)

Wednesday, Mar. 29, 2017, 7:30 – 9:30 AM

H-Nicolet B, Detroit Marriott at the Renaissance Center  
Detroit, MI

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

##### 1.1 Approval of Agenda

##### 1.2 Approval of Past Meeting Minutes

##### 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	Charles Hanskat	none
308	Aimee Pergalsky (M)	David Suchorski
310	Ed Ulrich	none
311	Al Kaufman	Claude Jaycox
327	Michael Sprinkel	Wayne Adaska
330	Mike Stenko	Robert Varner
336	Billy Oliver (M)	same
350	Jon Ardahl (M)	same
351	Pericles Stivaros	none
423	Charles Hanskat	James Rogers
440	Nick Carino	none
506	Charles Hanskat (M)	same
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:** 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 20, 2016, according to ACI staff records for TCSC reference.

### 3. Technical Committee Manual (TCM)

#### 3.1 TCM Ballot

**REPORT:** At the meeting in Philadelphia, a task group consisting of Carino (Chair), Cornell, and Hanskat developed suggested alternative language for the TCM to replace the final sentence in Section 6.1 regarding referencing ACI specifications in other ACI specifications. The task group was also asked to review Preferred Wording item 1.1.7 to determine if modifications to that section were also necessary

**ACTION:** Task Group Chair Carino is asked to report.

#### 3.2 Guide for Specifying

**REPORT:** A task group (Tipping, Carino, and Ardahl) was formed to write a section for the TCM that would provide information on how to write a guide to writing a specification. ACI currently has such a guide document titled, “Guide for Specifying Underground Shotcrete (ACI 506.5R).” A copy of ACI 506.2R is available on the TCSC website in the Correspondence folder.

**ACTION:** The task group is asked to report.

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

**REPORT:** No new requests for specifications have been submitted since the last meeting. No specifications were reviewed by TAC for the Spring Convention.

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

### 5. ACI Committee E707

**REPORT:** The education committee, E707, Specification Education, meets on Tuesday, Mar. 28, from 11:30a to 1:00p, in Room H-Cadillac B.

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

### 6. Guide to using ACI reference specifications

**REPORT:** A task group consisting of Suprenant, Hanskat, and Ardahl was formed to write a short document providing guidance on using ACI reference specifications.

**ACTION:** Chair Suprenant is asked to report

### 7. New Business

#### 7.1 Referencing other ACI specifications

**REPORT:** ACI Committee 336, Footings, Mats and Drilled Piers, is updating ACI 336.1-01, “Specification for the Construction of Drilled Piers.” The committee is looking for direction regarding the method in which they specify the concrete and reinforcing aspects for drilled piers. One method they are considering is creating a standalone

specification with minimal or no references to ACI 301. Another method is to reference ACI 301 for the concrete and reinforcing aspects. A third option is to reproduce the appropriate provisions from ACI 301 in the new ACI 336.1 specification.

**ACTION:** TCSC will consider the alternatives and make a recommendation to Committee 336.

## **7.2 Significant digits**

**REPORT:** ASTM International publishes ASTM E29, “Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications.” The information in this standard may have implications for the use and interpretation of ACI specifications.

**ACTION:** Chair Suprenant is asked to report.

## **8. Adjournment**

### **Attachments:**

2.1 — ACI Specifications Activity

**Attachment 2.1**  
**ACI SPECIFICATIONS ACTIVITY**  
**(Updated Feb. 6, 2017)**

<b>Committee</b>	<b>Specification</b>	<b>Document Number</b>	<b>Status</b>
117 – Tolerances	Specification for Tolerances for Concrete Construction and Materials	117-10	Reapproved in 2015. <a href="#">Expires in Spring 2020.</a>
	Specification for Tolerances for Precast Concrete	ITG 7-09	Will become a chapter in the next ACI 117. <a href="#">Expires in Spring 2017.</a>
301 – Specifications for Concrete	Specifications for Structural Concrete	301-16	Completed in 2016. <a href="#">Expires in Summer 2024.</a>
305 – Hot Weather Concreting	Specification for Hot Weather Concreting	305.1-14	Recently finished; <a href="#">Expires in Fall 2022.</a>
306 – Cold Weather Concreting	Standard Specification for Cold Weather Concreting	306.1-90 (2002)	No activity; <a href="#">Expired in Fall 2007.</a>
308 – Curing Concrete	Specification for Curing Concrete	308.1-11	No activity; <a href="#">Expires in Summer 2019.</a>
310 – Decorative Concrete	Specification for Polishing Finishes	New	Ulrich has been active in assisting the committee.
311 – Inspection of Concrete	Specification for Ready-Mixed Concrete Testing Services	311.6-09	Revision opened for public discussion Oct. 26 to Dec. 10, 2016. <a href="#">Expires in Fall 2017.</a>
	Inspection Services Specification for Cast-in-Place Concrete Construction	311.7-14	Revision opened for public discussion Oct. 26 to Dec. 10, 2016. <a href="#">Expires in Summer 2022.</a>
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	Specification for Unreinforced Concrete Parking Lots	<a href="#">330.1-14</a>	Recently finished; <a href="#">Expires in Fall 2022.</a>
336 – Footings, Mats, and Drilled Piers	Specification for the Construction of Drilled Piers	336.1-01	Past expiration. According to their spring 2016 minutes, the draft is ready for ballot pending input from ADSC Drilled Shaft Committee. <a href="#">Expired in Fall 2009.</a>
350 – Environmental Structures	Specification for Tightness Testing of Environmental Engineering Concrete Containment Structures	350.1-10	No activity; <a href="#">Expires in Spring 2018.</a>
	Specifications for Environmental Concrete Structures	350.5-12	<a href="#">Expires in Spring 2020.</a>
351 – Foundations for Equipment and Machinery	Specification for Installation of Cementitious Grouting between Foundations and Equipment Bases	351.4-14	Recently finished; <a href="#">Expires in Spring 2022.</a>
	Specification for Installation of Epoxy Grout between Foundations and Equipment Bases.	351.5-15	Recently finished; <a href="#">Expires in Spring 2023.</a>

Committee	Specification	Document Number	Status
423 – Prestressed Concrete	Specification for Unbonded Single-Strand Tendon Materials	423.7-14	Recently finished; Expires in Fall 2022.
440 – Fiber Reinforced Polymer Reinforcement	Specification for Construction with Fiber-Reinforced Polymer Reinforcing Bars	440.5-08	No activity; Expired in Summer 2016.
	Specification for Carbon and Glass Fiber-Reinforced Polymer Bar Materials for Concrete Reinforcement	440.6-08	This specification is being moved to ASTM D30.10. It is WK43339. ASTM D30.10 Committee working on ballot resolutions. Expired in Summer 2016.
	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	Recently finished; Expires in Spring 2021.
	Specification for Construction with Externally Bonded Fiber-reinforced Polymer (FRP) Materials Using the Wet Layup Method	440.X	Approval given in spring of 2014
506 – Shotcreting	Specification for Shotcrete	506.2-13	Recently finished; Expires in Spring 2021.
	Guide for Specifying Underground Shotcrete	506.5R-09	Reapproved in 2016. Expires in Fall 2021.
522 – Pervious Concrete	Specification for Pervious Concrete Pavement	522.1-13	Recently finished; Expires in Summer 2021.
548 – Polymers and Adhesives in Concrete	Specification for Latex-Modified Concrete Overlays	548.4-11	No activity; Expires in Spring 2019.
	Specification for Type EM (Epoxy Multi-Layer) Polymer Overlay for Bridge and Parking Garage Decks	548.8-07	Committee responding to TAC comments; Expired in Fall 2015.
	Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks	548.9-08	No activity; Expires in Summer 2016.
	Specification for Type MMS (Methyl Methacrylate Slurry) Polymer Overlays for Bridge and Parking Garage Decks	548.10-10	No activity; Expires in Summer 2018.
	Specification for Bonding Hardened Concrete and Steel to Hardened Concrete with an Epoxy Adhesive	548.12-12 (503.1)	Recently finished; Expires in Spring 2020.
	Specification for Bonding Fresh Concrete to Hardened Concrete with a Multi-Component Epoxy Adhesive	548.13-14 (503.2)	Recently finished; Expires in Fall 2021.

Committee	Specification	Document Number	Status
	Standard Specification for Producing a Skid Resistant Surface on Concrete by the Use of a Multi-Component Epoxy System	503.3-10	No activity; <a href="#">Expires in Fall 2018.</a>
	Standard Specification for Repairing Concrete with Epoxy Mortars	548.14-14 (503.4-92)	Recently finished; <a href="#">Expires in Spring 2022.</a>
	Specification for Crack Repair by Epoxy Injection	503.7-07	No activity; <a href="#">Expired in Summer 2015.</a>
563 – Specifications for Repair of Structural Concrete in Buildings	Specification for Repair of Existing Structural Concrete	New	Balloting