

AGENDA

TAC Construction Standards Committee (TCSC)

Wednesday, October 29, 2014, 7:30 – 10 AM

Hilton Washington Hotel, Albright Room

Washington D.C.

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	Eldon Tipping (M)	same
301	Jon Ardahl (M)	same
305	Jim Cornell (M)	same
306	None	Need representative
308	Aimee Pergalsky (M)	David Suchorski
310	Ed Ulrich	None
311	Al Kaufman	Claude Jaycox
327	Michael Sprinkel	Wayne Adaska
330	None	Robert Varner
336	Billy Oliver (M)	same
346	Al Kaufman (M)	same
350	Jon Ardahl (M)	same
351	Pericles Stivaros	Need representative
423	Charles Hanskat	James Rogers
440	Nick Carino	Need representative
506	Charles Hanskat (M)	same
522	Aimee Pergalsky (AM)	Dale Fisher
548	None	Michael Stenko
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 21, 2014, according to ACI staff records for TCSC reference.

3. **Technical Committee Manual (TCM)**

3.1 TCM Ballot

REPORT: The TCM is revised annually. For the 2015 TCM, Shannon Banchero sent out a request for changes to TAC, TCSC, and TDSC on June 2, 2014. The responses to the request were compiled at the end of July. The TAC TCM Task Group reviewed each request and decided if the request should move forward to a ballot to TAC. Each request received a response. Banchero will post the comment and response sheet for items related to TCSC before convention. The file will be posted on the TCSC website in the Correspondence Folder under “Revisions to the 2014 TCM.

Revisions to the TCM were balloted. The ballot closed October 16, 2014. Banchero will post to the TCSC website any TAC comments related to specifications. The next step is for the TAC TCM Task Group to provide responses to the comments for TAC to resolve.

ACTION: Chair Tipping is asked to report.

3.2 Licensed Design Professional (LDP) versus Architect/Engineer (A/E)

REPORT: At the last meeting, there was a request to revisit the use of Licensed Design Professional for code standards and Architect/Engineer for specification standards. The definition for LDP in ACI CT-13 is:

licensed design professional - (1) an engineer or architect who is licensed to practice structural design as defined by the statutory requirements of the professional licensing laws of a state or jurisdiction; (2) the architect or engineer, licensed as described, who is responsible for the structural design of a particular project (also historically engineer of record).

The definition for LDP in ACI 318-14 is:

licensed design professional - (1) an individual who is licensed to practice structural design as defined by the statutory requirements of the professional licensing laws of the state or jurisdiction in which the project is to be constructed, and who is in the responsible charge of the structural design.

The definition for A/E in ACI CT-13 is:

architect-engineer - architect, engineer, architectural firm, engineering firm, or architectural and engineering firm issuing contract documents, administering the work under contract documents, or both (also called engineer-architect).

The definition for A/E in ACI TCM-14 is:

architect-engineer - architect, engineer, architectural firm, or engineering firm developing contract documents or administering the work under contract documents, or both.

ACTION: Does the committee have any changes or recommendations?

3.3 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 that offers direction on how to write 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: Chair Tipping 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 have been submitted for review since the last meeting

ACTION: This item is for information only.

5. ACI Committee E707

REPORT: The education committee, E707, Specification Education, meets on Tuesday, October 28, from 11:30a to 1p, in Room Holmead.

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

6. New Business

7. Adjournment

Attachments:

2.1 — ACI Specifications Activity

Attachment 2.1
ACI SPECIFICATIONS ACTIVITY
(Updated October 21, 2014)

Committee	Specification	Document Number	Status
117 – Tolerances	Specification for Tolerances for Concrete Construction and Materials	117-10	Plan on submitting for reapproval
	Specification for Tolerances for Precast Concrete	ITG 7-09	Will become a chapter in the next ACI 117
301 – Specifications for Concrete	Specifications for Structural Concrete	301-10	Balloting responses to TAC Comments.
305 – Hot Weather Concreting	Specification for Hot Weather Concreting	305.1-14	Recently finished; 8 years until expiration
306 – Cold Weather Concreting	Standard Specification for Cold Weather Concreting	306.1-90 (2002)	No activity; past expiration
308 – Curing Concrete	Specification for Curing Concrete	308.1-11	Recently finished; 5 years until expiration
310 – Decorative Concrete	Specification for Polishing Finishes	New	Approval given in spring of 2014
311 – Inspection of Concrete	Specification for Ready-Mixed Concrete Testing Services	311.6-09	No activity; 3 years until expiration
	Inspection Services Specification for Cast-in-Place Concrete Construction	311.7-14	Recently finished; 8 years until expiration
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	330.1-03	Discussing final proof queries in DC
336 – Footings, Mats, and Drilled Piers	Specification for the Construction of Drilled Piers	336.1-01	Balloting; past expiration
346 – CIP Pipe	Specification for Cast-in-Place Concrete Pipe	346-09	On hold while working on guide; 3 years until expiration
350 – Environmental Structures	Specification for Tightness Testing of Environmental Engineering Concrete Containment Structures	350.1-10	No activity; 4 years until expiration
	Specifications for Environmental Concrete Structures	350.5-12	Recently finished; 6 years until expiration
351 – Foundations for Equipment and Machinery	Specification for Cementitious Grouting between Foundations and Equipment Bases	351.Y	Balloting public closure
	Specification for Epoxy Grouting between Foundations and Equipment Bases.	351.X	Balloting public closure
423 – Prestressed Concrete	Specification for Unbonded Single-Strand Tendon Materials	423.7-14	At publisher; 8 years until expiration
440 – Fiber Reinforced Polymer Reinforcement	Specification for Construction with Fiber-Reinforced Polymer Reinforcing Bars	440.5-08	No activity; 2 years until expiration

Committee	Specification	Document Number	Status
	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. Committee working on ballot resolutions.
	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; 7 years until expiration
506 – Shotcreting	Specification 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	Specification for Latex-Modified Concrete 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
	Specification for Bonding Hardened Concrete and Steel to Hardened Concrete with an Epoxy Adhesive	548.12-12	Recently finished; 6 years until expiration
	Specification for Bonding Fresh Concrete to Hardened Concrete with a Multi-Component Epoxy Adhesive	548.13-14	Recently finished; 8 years until expiration
	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)	Balloting public closure
	Specification for Crack Repair by Epoxy Injection	503.7-07	No activity; 1 year until expiration
563 – Specifications for Repair of Structural Concrete in Buildings	Specification for Repair of Existing Structural Concrete	New	Balloting