

AGENDA
TAC Construction Standards Committee (TCSC)
Wednesday, October 19, 2011, 7 – 10 AM
Duke Energy Convention Center, Room 238
Cincinnati, OH

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.

Status of document activity is reported in Attachment 2.1, ACI Specification Activity Database. TSC liaison assignments and the respective committee representatives are as follows:

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
311	Al Kaufman	Michael Russell
330	Art Weiss	Robert Varner
336	Billy Oliver	same
346	Al Kaufman	same
350	Jon Ardahl	same
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.

3. New Technical Committee Manual

REPORT: At the last TCSC meeting, several members stated that are serious errors that need to be addressed in Section 6, 2011 TCM. A task group was assembled to immediately address issues with Section 6. Art Weiss (chair), Nick Carino, Jim Cornell, and Jon Ardahl was to provide a list of changes for TAC review by the end of June. A list of changes was not submitted to TAC by the task group, but Carino did submit comments on a TAC ballot of the TCM in September.

ACTION: Chair Sprinkel to discuss result of TAC ballot.

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

REPORT: For summer TAC review, three revised specifications were submitted and approved: ACI 330.1, Specification for Unreinforced Concrete Parking Lots; ACI 506.2, Specification for Shotcrete; and ACI 522.1, Specification for Pervious Concrete Pavement. A table of contents and one section of ACI 563, Specifications for Repair of Structural Concrete in Buildings, was submitted for comment. Approval was given to ACI 351 to write two new specifications: Specification for Cementitious Grouting between Foundations and Equipment Bases; and Specification for Epoxy Grouting between Foundations and Equipment Bases.

For the fall TAC review, ACI 548.E, Specification for Bonding Hardened Concrete and Steel, to Hardened Concrete with a Multi-Component Epoxy Adhesive, was submitted for approval.

ACTION: Chair Sprinkel to report on results for ACI 548.E.

5. E-Specifications

BACKGROUND: An online electronic specification is working and can be tested at the link provided below. A review will be completed by Jon Ardahl and Charles Hanskat and the e-specification will be released by the spring meeting. (Note that we have had problems with access, but this should be fixed so that ACI members who are logged in to the ACI website can test the tool.)

<http://www.concrete.org/aci301tools/>

ACTION: Matt Senecal to provide an update.

6. ACI Committee E707

BACKGROUND: A new education committee, E707, Specification Education, was organized at the 2010 fall convention in Pittsburgh.

REPORT: The education committee is to sponsor a session at the Cincinnati convention. The session is called, ACI 301 – Bridging Codes and Specifications, and will be held Tuesday, October 18, at the convention center in room Junior C.

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

7. Adjournment

ATTACHMENTS: Attachment 2.1 — ACI Specifications Activity Update

**Attachment 2.1
ACI SPECIFICATIONS ACTIVITY UPDATE**

Committee	Specification	Document Number	Comment/ Action
117 – Tolerances	Specifications for Tolerances for Concrete Construction and Materials	117-10	Recently completed.
301 – Specifications for Concrete	Specifications for Structural Concrete	301-10	Balloting.
305 – Hot Weather Concreting	Specification for Hot Weather Concreting	305.1-06	Balloting.
306 – Cold Weather Concreting	Standard Specification for Cold Weather Concreting	306.1-90	No activity.
308 – Curing Concrete	Standard Specification for Curing Concrete	308.1-11	Published in June 2011.
311 – Inspection of Concrete	Specification for Ready-Mixed Concrete Testing Services	311.6-09	Balloting.
	Specification for Cast-in-Place Concrete Inspection Services	New	Balloting response to TAC comments.
330 – Concrete Parking Lots and Site Paving	Standard Specification for Plain Concrete Parking Lots	330.1-03	Revision submitted and approved July 2011.
336 – Footings, Mats, and Drilled Piers	Specification for the Construction of Drilled Piers	336.1-01	Balloting.
346 – CIP Pipe	Specification for Cast-in-Place Concrete Pipe	346-09	Plan to send in for reapproval and then disband the committee.
350 – Environmental Structures	Specifications for Concrete Environmental Containment Structures	350.X	Public comment ended 1/17/11. Balloting closure.
	Specification for Tightness Testing of Environmental Engineering Concrete Containment	350.1-10	Recently completed.
423 – Prestressed Concrete	Specification for Unbonded Single-Strand Tendon Materials and Commentary	423.7-07	Balloting.
	Test Method for Bleed Stability of Cementitious Post-Tensioning Tendon Grout	423.9-10	Method has been handed over to ASTM and is published. ACI 423 has been asked to withdraw the document.
440 – Fiber Reinforced Polymer Reinforcement	Specification for Construction with Fiber Reinforced Polymer (FRP) Reinforcing Bars	440.5-08	ACI 440 has a task group with ASTM D30 to move material standards developed at ACI over to ASTM .
	Specification for Carbon and Glass Fiber Reinforced Polymer (FRP) Bar Materials for Concrete Reinforcement	440.6-08	ACI 440 has a task group with ASTM D30 to move material standards developed at ACI over to ASTM .
506 – Shotcreting	Specifications for Shotcrete	506.2-95	Revision submitted and approved July 2011.
522 – Pervious Concrete	Specification for Pervious	522.1-08	Revision submitted and approved

Committee	Specification	Document Number	Comment/ Action
	Concrete Pavement		July 2011.
548 – Polymers and Adhesives in Concrete	Specifications for Latex Modified Concrete (LMC) Overlays	548.4-93	Balloting response to TAC comment on closure. Should be complete by end of fall convention.
	Specification for Type EM (Epoxy Multi-Layer) Polymer Overlay for Bridge and Parking Garage Decks	548.8-07	No activity.
	Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks	548.9-08	No activity.
	Specification for Type (MMS) Methyl Methacrylate Slurry Polymer Overlays for Bridge and Parking Garage Decks	548.10-10	Recently completed.
	Specification for Polymer Concrete and Composite Underground Utility Enclosures	New	Balloting.
	Standard Specification for Bonding Concrete, Steel, Brick and Other Materials to Hardened Concrete with a Multi-Component Epoxy Adhesive	548.E (503.1-92)	Revision submitted for 2011 fall TAC review.
	Standard Specification for Bonding Plastic Concrete to Hardened Concrete with a Multi-Component Epoxy Adhesive	548.F (503.2-92)	Sent to TAC in Summer 2010. (revise, reballot, resubmit)
	Standard Specification for Producing a Skid Resistant Surface on Concrete by the Use of a Multi-Component Epoxy System	548.XX (503.3-10)	Recently completed by ACI 503.
	Standard Specification for Repairing Concrete with Epoxy Mortars	548.G (503.4-92)	Sent to TAC in Summer 2010. (revise, reballot, resubmit)
	Specification for Crack Repair by Epoxy Injection	548.XX (503.7-07)	No activity.
563 – Specifications for Repair of Structural Concrete in Buildings	Specification for Repair of Existing Structural Concrete	New	TOC and one section reviewed by TAC and TCSC July 2011.