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**AGENDA**  
**TAC Specifications Committee**  
**Wednesday, March 24, 2010, 7 – 10 AM**  
**Room: Ohio**  
**Sheraton, Chicago, IL**

**Voting Members:**

Michael Sprinkel, Chair  
Matthew R. Senecal, Secretary  
Jon B. Ardahl  
William L. Barringer  
Nicholas J. Carino  
Jeffrey W. Coleman

D. Gene Daniel  
Charles S. Hanskat  
Alfred L. Kaufman, Jr.  
W. Calvin McCall  
Aimee Pergalsky  
Arthur T. Weiss, Jr.

**Associate Members**

Karl J. Bakke  
James R. Baty  
Daniel P. Dorfmueller  
Dale Fisher  
Sidney Freedman

Terence C. Holland  
Kenneth G. Kazanis  
William H. Oliver, Jr.  
Michael S. Stenko

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

**1.1 Approval of Agenda**

**ACTION:** TSC approve the agenda for this meeting?

**1.2 Approval of Minutes**

**ACTION:** Does TSC approve the minutes of the 2009 fall meeting in New Orleans?

**2. ACI Specification Manual (ASpM)**

**2.1 Revisions to the 2008 ASpM**

a) The punch list for the next revision of the ASpM is shown in Attachment 2.1. TSC is asked to continue to maintain the ASpM in its current form until the reorganization of the TCM, ASM, and ASpM continues in 2011.

**ACTION:** Are there any additional items for the punch list?

b) TAC has raised a concern that the current use of checklists in the ACI reference specification is too confusing. It is TAC's opinion that the specification manual is not clear on how to write checklist items or how to invoke checklist items within the provisions of the specification. The specifications that TAC has recently received are not consistent with respect to this matter.

TAC has asked ACI staff to review the ACI specification format and provide alternatives if appropriate. Matt Senecal presented an alternative format at the last TSC meeting for the committee's

comment. The first part of the specification is in mandatory language similar to the existing reference specification, but there are no referral phrases to the checklists. The second part of the document is a guide that provides commentary by section number to the requirements. The allowance for clarification per Section 5.2.2, ASpM, is in direct conflict with requirement that checklists do not include commentary. In practice, most of the checklist items for all of our specifications are commentary written to both the specifier and the contractor. Instead of struggling to maintain requirements that no committee has successfully executed, it may be better to make a firm division between specification requirements and commentary. The confusion of the checklists would be removed and committees would be free to write commentary.

Most of the members of TSC do not agree that commentary can be in the same physical document as the mandatory language. If there is a problem with how committees are writing their specifications, then that issue that needs to be resolved. TSC agrees that the submittals checklist is not a well understood checklist and balloted to remove the submittals checklist at the fall 2009 meeting in New Orleans.

**ACTION:** According to Item 4.1.c of the fall 2009 minutes, TAC has directed TSC to add back the allowance for commentary as written in Section 5.2.2, 2005 ASpM. The issue of commentary in reference specifications needs to be discussed.

### 3. Status of Specification Activities

#### 3.1 Updates

**BACKGROUND:** TSC members are assigned as liaisons to ACI committees known to be working on or planning to work on a specification. Committee members are appointed as associate members of TSC (unless the TSC liaison is also a member of the committee). Attachment 3.1 summarized ACI specification activities and current membership assignments.

Committee 117:	Liaison Charles Hanskat. Associate Member Eldon Tipping.
Committee 301:	Liaison Jon Ardahl.
Committee 305:	Liaison Gene Daniel.
Committee 306:	Liaison Gene Daniel.
Committee 308:	Liaison Aimee Pergalsky.
Committee 311:	Liaison Alfred Kaufman.
Committee 330:	Liaison Art Weiss. Associate Member Ken Kazanis.
Committee 336:	Liaison Art Weiss. Associate Member Billy Oliver.
Committee 346:	Liaison Alfred Kaufman.
Committee 350:	Liaison Jon Ardahl.
Committee 423:	Liaison Charles Hanskat. Associate Member: TBD.
Committee 440:	Liaison Nick Carino.
Committee 506:	Liaison Jon Ardahl.
Committee 522:	Liaison Aimee Pergalsky. Associate Member Dale Fisher.
Committee 548:	Liaison Art Weiss. Associate Member Mike Stenko.
Committee 563:	Liaison Michael Sprinkel

The procedures for obtaining approval to start writing specifications, for committee liaisons, and for final approvals of specifications are in Section 3.2.1.2 of the 2008 TCM, and in Section 1.3 of the 2008 ASpM.

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**ACTION:** TSC Liaison and Associate Members are asked to report their respective committees' activities and discuss any actions required of TSC.

#### 4. Specification Review

##### 4.1 Current Review Activity

ACI 563: The approval to write a repair specification was given by TAC. TSC would like to comment on the document. It was agreed that TSC would review the outline of the new specification. Tony Murray, Chair of ACI 563, reported to TAC that they are waiting for a first draft of the repair code before proceeding. This item tabled until an outline is submitted.

**REPORT:** An outline has not been submitted yet.

#### 5. Requests for New Specifications

**ACTION:** Are there any new specification requests?

#### 6. ACI Specification Policy

*e-Specifications*—ACI staff, TSC, and ACI 301 Chair McCall have been discussing the idea of preparing an “active” electronic specification that can be tailored to a specific project and included directly in the project specifications. Action on this item is tabled until additional direction is provided by ACI. Senecal presented a mock up

**REPORT:** Senecal presented a mock up. Ardahl and Hanskat to work with Senecal to develop the e-specification.

**ACTION:** Senecal to provide an update.

#### 7. Training on Specification Writing

TSC members conducted a technical session at the spring 2007 convention in Atlanta. It was very successful and generated a lot of interest, although the attendance was not high.

A discussion evolved on the type, frequency, mandatory attendance, and other issues of training for specification writing committees and liaisons. A motion was made and then withdrawn after committee agreed that Charles Hanskat, Al Kaufman, and incoming chair Michael Sprinkel will draft a proposal on training. It will be web balloted before the next meeting.

**REPORT:** Senecal will report if TAC would like to receive training.

**ACTION:** Is any action required?

#### 8. Next Meeting

TSC meetings are held on Wednesdays, 7 – 10 am during ACI Conventions.

#### 9. Adjournment

**ATTACHMENTS:**

- Attachment 1.3 — TSC Roster with Contact and Assignment Information
- Attachment 2.1 — ACI Specification Module of *TCM* – Punch List
- Attachment 3.1 — ACI Specifications Activity Database

**COPIES:**

- TSC Members
- ACI TAC members
- ACI Engineering staff

**Attachment 1.3  
TSC Roster with Contact and Assignment Information**

<b>November 2008</b>			
<b>Name</b>	<b>Assignment</b>	<b>Telephone No.</b>	<b>E-Mail Address</b>
<b>TSC Officers and TAC Contacts</b>			
Michael Sprinkel	Chair , 563, TG-4.1, TG-8	434/293-1941	<a href="mailto:michael.sprinkel@vdot.virginia.gov">michael.sprinkel@vdot.virginia.gov</a>
Matthew Senecal	Secretary (NV)	248/848-3727	<a href="mailto:matthew.senecal@concrete.org">matthew.senecal@concrete.org</a>
David Bird	TAC Contact	816/231-7400	<a href="mailto:dbird@structural.net">dbird@structural.net</a>
David Sanders	Chair TAC	775/784-4288	<a href="mailto:sanders@unr.edu">sanders@unr.edu</a>
Daniel W. Falconer	Secretary TAC	248/848-3726	<a href="mailto:daniel.falconer@concrete.org">daniel.falconer@concrete.org</a>
<b>Voting Members</b>			
Jon B. Ardahl	301, 350, 506, TG-2.2, TG-7.1.	785/887-9991	<a href="mailto:ard00097@netzero.net">ard00097@netzero.net</a>
William L. Barringer	211, 214	505/293-8368	<a href="mailto:joy2Bill@aol.com">joy2Bill@aol.com</a>
Nicholas J. Carino	440, TG-2.2 Chair.	440/557-5134	<a href="mailto:ncarino@roadrunner.com">ncarino@roadrunner.com</a>
Jeffrey W. Coleman	CLC, RCC, FAC, 563	952/841-0200	<a href="mailto:jwcoleman@chvv.com">jwcoleman@chvv.com</a>
Jim Cornell	301 Chair designate, 305, 308, 347	214/803-0565	<a href="mailto:jimcornell@beckgroup.com">jimcornell@beckgroup.com</a>
D. Gene Daniel	305, 306, 423	479/636-1856	<a href="mailto:dgenedinc@aol.com">dgenedinc@aol.com</a> *
Charles S. Hanskat	117, 423, 503, TG-7.1, RG-548.	847/972-3146	<a href="mailto:chanskat@ctlgroup.com">chanskat@ctlgroup.com</a>
Alfred L. Kaufman, Jr.	346, 551	925/866-2780	<a href="mailto:alfredl.kaufman@cemex.com">alfredl.kaufman@cemex.com</a>
W. Calvin McCall	TG-2.2	704/392-1506	<a href="mailto:wcmccall@concretees.com">wcmccall@concretees.com</a>
Aimee Pergalsky	308, 522	216/491-9265	<a href="mailto:geoaimee@aol.com">geoaimee@aol.com</a>
Arthur T. Weiss, Jr.	330, 336, 533, 548, TG-7.1.	770/860-1942	<a href="mailto:aweiss7501@aol.com">aweiss7501@aol.com</a>
<b>Associate Members</b>			
Karl J. Bakke	117	303/674-2290	<a href="mailto:karl.bakke@kalmanfloor.com">karl.bakke@kalmanfloor.com</a>
James R. Baty	551	319/895-6911	<a href="mailto:jbaty@cfawalls.org">jbaty@cfawalls.org</a>
Daniel P. Dorfmueller	303	513/933-0489	<a href="mailto:dorf@go-concepts.com">dorf@go-concepts.com</a>
Dale Fisher	522	770/619-9962	<a href="mailto:dalefisher@pervious.com">dalefisher@pervious.com</a>
Sidney Freedman	533	312/786-0300	<a href="mailto:sfreedman@pci.org">sfreedman@pci.org</a>
Terence Holland	304	440/834-1697	<a href="mailto:concrete.terry@att.net">concrete.terry@att.net</a>
Kenneth G. Kazanis	330	248/354-9050	<a href="mailto:ken.kazanis@lafarge-na.com">ken.kazanis@lafarge-na.com</a>
William H. Oliver, Jr.	336	281/293-2644	<a href="mailto:billy.oliver@conocophillips.com">billy.oliver@conocophillips.com</a>

Michael S. Stenko	548	914/636-1000	<a href="mailto:mstenko@transpo.com">mstenko@transpo.com</a>
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\*Text e-mail messages only; mail hard copies of any attached files

**Attachment 2.1**  
**ACI Specification Module of TCM – Punch List**

Section	Item	Recommendation
0.0	Style of “lists”	Identify items regardless where they end up being in the manual. Review ACI Style Manual and CSI for proper format. This is purely editorial.  Weiss to provide information on CSI format.
0.0	Submittals checklist	TSC motioned and balloted to remove the submittals checklist from ACI Specifications.  VOTE: 6 affirmatives, 0 negatives, 0 abstentions (Note there are 11 voting members; meeting ballot passes)  Remove information regarding the submittals checklist from: <del>1.2.1...submittals checklist—a list of mandatory submittal items in an ACI Reference Specification.</del>  <b>2.3.1 Outline format of single-item ACI specifications...</b> Notes to Specifier <ul style="list-style-type: none"> <li>• General notes</li> <li>• Foreword to Checklists</li> <li>• Mandatory Requirements Checklist</li> <li>• Optional Requirements Checklist</li> <li>• <del>Submittals Checklist</del></li> </ul> <b>2.3.2 Outline format of multiple-item ACI specifications...</b> Notes to Specifier <ul style="list-style-type: none"> <li>• General notes</li> <li>• Foreword to Checklists</li> <li>• Mandatory Requirements Checklist</li> <li>• Optional Requirements Checklist</li> <li>• <del>Submittals Checklist</del></li> </ul> <b>3.3.3 Foreword to Checklists...</b> Foreword to Checklists must use the wording in items F1 through <del>F7</del> <u>F6</u> . Do not modify this wording except by insertion of the number of the ACI Reference Specification. Any of paragraphs F4 through <del>F7</del> <u>F6</u> may be omitted if they do not apply to the ACI specification <del>F6. The Submittals Checklist identifies information or data to be provided by the Contractor before, during, or after construction.</del> <del>F7</del> <u>F6</u> . <i>Recommended References—Documents...</i>  <b>3.4.4 Submittals Checklist</b> This checklist includes those submittals that are required for the Work specified in each Section of the ACI Reference Specification.

**3.4.5 3.4.4 Format of checklist items...**

The format of the Submittals Checklist is similar to the ones for the Mandatory and Optional Requirements Checklists except that only submittal items are listed and notes are typically not used. The Submittals Checklist is preceded with explanatory text as shown in the example in 3.4.6.

**3.4.6 3.4.5 Examples of checklists...**

**Submittals Checklist**

The items listed will be submitted by Contractor to Architect/Engineer for review. All submittals and responses should be retained in files for future reference during the Work. Some submittal requirements shown will apply only when optional requirements are selected and written into the Project Specification. Once optional requirements have been selected, review the Section/Part/Article indicated for the submittal item to see if it applies.

Section/Part/ Article	Submittal Items and Notes to Specifier
	Data on: <ul style="list-style-type: none"> <li>• Typical stress-strain curve;</li> </ul>
1.5.4 Prestressing steel	<ul style="list-style-type: none"> <li>• Test results of tensile strength and elongation; and</li> <li>• Composition of steel not produced in accordance with ASTM specifications</li> </ul>

**5.2.2 Concise Notes to Specifier**

Do not give reasons for requirements in ACI specifications. If some clarification is necessary for the Specifier on mandatory requirements, or optional requirements, ~~or~~ submittals, use the specification checklists....

**A.2—Single-item ACI specification...**

- Notes to Specifier
  - General notes
  - Foreword to Checklists
  - Mandatory Requirements Checklist
  - Optional Requirements Checklist
  - Submittals Checklist

**A.3—Multiple-item ACI specification...**

- Notes to Specifier
  - General notes
  - Foreword to Checklists
  - Mandatory Requirements Checklist
  - Optional Requirements Checklist
  - Submittals Checklist

...  
**F6.** The Submittals Checklist identifies information ~~or~~ data to be provided by the Contractor before, during, ~~or~~ after construction.

**F7 F6.** Recommended References—Documents...

...

<b>SUBMITTALS CHECKLIST</b>																
		<p>The items listed will be submitted by the Contractor and reviewed by the Architect/Engineer. All submittals and responses should be retained in files for future reference during the Work. Some submittal requirements shown will apply only when optional requirements are selected and written into the Project Specifications. Once optional requirements have been selected, review the Section/Part/Article indicated for the submittal item to see if it applies.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Section/Part/Article</th> <th style="width: 50%;">Submittal Items and Notes to Specifier</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>General requirements</b></td> </tr> <tr> <td>1.6.3.1</td> <td>Proposed testing agency.</td> </tr> <tr> <td><del>1.6.3.2.a</del></td> <td><del>Test data and documentation on materials and concrete mixtures.</del></td> </tr> <tr> <td>1.6.3.2.f</td> <td>Quality-control program of the concrete supplier.</td> </tr> <tr> <td>1.6.3.2.g</td> <td>Request to use accelerated testing and correlation data.</td> </tr> <tr> <td>...</td> <td>...</td> </tr> </tbody> </table>	Section/Part/Article	Submittal Items and Notes to Specifier	<b>General requirements</b>		1.6.3.1	Proposed testing agency.	<del>1.6.3.2.a</del>	<del>Test data and documentation on materials and concrete mixtures.</del>	1.6.3.2.f	Quality-control program of the concrete supplier.	1.6.3.2.g	Request to use accelerated testing and correlation data.	...	...
Section/Part/Article	Submittal Items and Notes to Specifier															
<b>General requirements</b>																
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1.6.3.2.f	Quality-control program of the concrete supplier.															
1.6.3.2.g	Request to use accelerated testing and correlation data.															
...	...															
1.2.2	Definitions	<p>ACI 301 has revised several of the AspM definitions in their last revision. Consider the following:</p> <p>Revise:  <b>Architect/Engineer or Engineer/Architect</b>—Architect, Engineer, architectural firm, or engineering firm, or architectural and engineering firm issuing developing Contract Documents or administering the Work under Contract Documents, or both.</p> <p><b>Quality assurance</b>—actions taken by Owner or Owner’s Representative to ensure provide confidence that Work done and materials provided are in accordance with Contract Documents.</p> <p><b>Required</b>—mandatory as prescribed in Project required in this Specification or Contract Documents.</p> <p>Add:  <b>Licensed Design Engineer</b>—an individual engaged by the Contractor who is licensed to practice engineering as defined by the statutory requirements of the professional licensing laws of the state or jurisdiction in which the project is to be constructed.</p>														
1.3.4	Editorial	Change to read: “...for TAC review in accordance with...”														
2.3.3.4	Cross-referencing	For cross references, use just number without section, article etc.														
3.3.2	Note to Specifier G4	Delete: “Each technical Section of”.														
3.4.2	Mandatory Requirements Checklist	<b>3.4.2 Mandatory Requirements Checklist</b> ... The Mandatory Requirements Checklist instructions shall be short and self-explanatory (such as “Specify concrete compressive strength-”) (refer to 5.3.12 for referral phrases).														
3.4.3	Optional Requirements Checklist	<b>3.4.3 Optional Requirements Checklist</b> ... The body of the ACI Reference Specification provides a default for all Optional Requirements Checklist items (refer to 5.3.12 for referral phrases).														
5.1	Style – terse language	<p>Consider removing the terse style language.</p> <p>It is important that specifications are “written clearly and concisely” as stated in section 5.1 and imperative statements are necessary for clear enforceable direction to the contractor. Terse language, however, is a style that many specification writers and readers have difficulty with. Concise language is important but the use of a definite article (the) is so common in today’s speech that, when not used, the clarity of the</p>														



		<p>statement is reduced.</p> <p><b>CHAPTER 5—STYLE OF ACI SPECIFICATIONS</b></p> <p><b>5.1—General</b>                  ...ACI Reference Specifications are written clearly and concisely so that no statement can be misinterpreted. ACI specification language must be <u>terse</u>, detailed, and exact statements about the subject.</p> <p><b>5.2—ACI specification language and phrasing</b></p> <p><b>5.2.1 <i>Verb tense</i></b>                  Write ACI specifications in mandatory language. Refer to the <i>ACI Style Manual</i> on the use of mandatory language. Where possible, use <u>terse</u> imperative language. Avoid the passive tense.</p> <p><b>Example:</b>  <i>Use:</i> “Cure concrete.”  <i>Do not use:</i> “The concrete shall be cured.”</p>
5.2.2	Style-Commentary	<p>TAC has directed TSC to add back the allowance for commentary as written in Section 5.2.2, 2005 ASpM.</p> <p><b>5.2.2 <i>Commentary</i></b>—Do not give reasons for requirements in reference specifications. If extensive clarification is necessary throughout the Specification, use the guide specification format and explain in the Commentary. The Commentary is a separate nonmandatory document and has a separate document designation with the letter “R.” The cover of the document shall indicate that it includes a Specification and Commentary, for example, “Specification for Unbonded Single Strand Tendons and Commentary (ACI 423.6-01/423.6R-01).” In addition, include the following boxed text before the Table of Contents:</p> <ul style="list-style-type: none"> <li>• ACI Specification XXX and Commentary XXXR are presented in two-column format, with specification text in the left column and corresponding commentary text in the right column. To distinguish the Specification from the Commentary, the Specification is printed in Arial (or Helvetica), which is the typeface for this paragraph.</li> <li>• The Commentary is printed in Times Roman, which is the typeface for this paragraph. Commentary section numbers are preceded by the letter “R” to distinguish them from Specification section numbers. The Commentary is not a part of ACI Specification XXX.</li> </ul>
5.3.5	Approved	<p>Section 5.3.5 discourages the use of “Approved” and recommends “Accepted” or “Reviewed” instead.</p> <p>This was found in order and no change to this provision is recommended. The term approved would take responsibility away from the contractor and shift it to the Architect/Engineer. The other two terms do not relieve the contractor from his responsibility.</p>

**Attachment 3.1**  
**ACI SPECIFICATIONS ACTIVITY DATABASE**

<b>Comm. No.</b>	<b>Title</b>	<b>Specification</b>	<b>Previous / Next</b>	<b>Comment/ Action</b>	<b>TSC Liaison</b>	<b>Nonvoting TSC Members</b>
117	Tolerances	Specifications for Tolerances for Concrete Construction and Materials	117-06 / Public	Completed	Hanskat	Bakke
301	Specifications for Concrete	Specifications for Structural Concrete	301-05 / Public	Responding to Public comments.	Ardahl (M)*	Not needed
305	Hot Weather Concreting	Specification for Hot Weather Concreting	305.1-06 / Committee	No new ballots.	Daniel	Not needed
306	Cold Weather Concreting	Standard Specification for Cold Weather Concreting	306.1-90 /	No new ballots.	Daniel	Not needed
308	Curing Concrete	Standard Specification for Curing Concrete	308.1-98 / Public	Public comment closed on 9/17/09. Committee working on responses.	Pergalsky (M)*	Not needed
311	Inspection of Concrete	Specification for Ready-Mixed Concrete Testing Services	311.6-09 Committee	No new ballots.	Kaufman	
330	Concrete Parking Lots and Site Paving	Standard Specification for Plain Concrete Parking Lots	330.1-03 / Committee	No new ballots. Working on in task group.	Weiss	Kazanis
336	Footings, Mats, and Drilled Piers	Specification for the Construction of Drilled Piers	336.1-01 / Committee	No new ballots.	Weiss	Oliver
346	CIP Pipe	Specification for Cast-in-Place Concrete Pipe	346-09 / Committee	No new ballots.	Kaufman (M)*	Not needed
350	Environmental Structures	Specification for Environmental Engineering Concrete Structures	New / TAC	Responding to TAC comments.	Ardahl (M)*	Not needed



<b>Comm. No.</b>	<b>Title</b>	<b>Specification</b>	<b>Previous / Next</b>	<b>Comment/ Action</b>	<b>TSC Liaison</b>	<b>Nonvoting TSC Members</b>
423	Prestressed Concrete	Specification for Unbonded Single-Strand Tendon Materials and Commentary	423.7-07 / Committee	No new ballots.	Hanskat	Needs an appointment
423	Prestressed Concrete	Test Method for Bleed Stability of Cementitious Post-Tensioning Tendon Grout	New / Public	Public comment closed on 3/17/09. Committee working on responses.	Hanskat	Needs an appointment
423	Prestressed Concrete	Specification for Installation of Unbonded Single-Strand Tendons and Commentary	New / Committee	Working on draft. No ballots.		Needs an appointment
440	Fiber Reinforced Polymer Reinforcement	Specification for Construction with Fiber Reinforced Polymer (FRP) Reinforcing Bars	440.5-08 / Committee	No new ballots.	Carino	
440	Fiber Reinforced Polymer Reinforcement	Specification for Carbon and Glass Fiber Reinforced Polymer (FRP) Bar Materials for Concrete Reinforcement	440.6-08 / Committee review	No new ballots.	Carino	
503	Adhesives in Concrete	Standard Specification for Bonding Concrete, Steel, Brick and Other Materials to Hardened Concrete with a Multi-Component Epoxy Adhesive	503.1-92 / Moved to 548	548	Hanskat	
503	Adhesives in Concrete	Standard Specification for Bonding Plastic Concrete to Hardened Concrete with a Multi-Component Epoxy Adhesive	503.2-92 / Moved to 548	548	Hanskat	
503	Adhesives in Concrete	Standard Specification for Producing a Skid Resistant	503.3-92 /	Responding to Public comment.	Hanskat	

<b>Comm. No.</b>	<b>Title</b>	<b>Specification</b>	<b>Previous / Next</b>	<b>Comment/ Action</b>	<b>TSC Liaison</b>	<b>Nonvoting TSC Members</b>
		Surface on Concrete by the Use of a Multi-Component Epoxy System	Public			
503	Adhesives in Concrete	Standard Specification for Repairing Concrete with Epoxy Mortars	503.4-92 / Moved to 548	548	Hanskat	
503	Adhesives in Concrete	Specification for Crack Repair by Epoxy Injection	503.7-07 / Moved to 548	548	Hanskat	
506	Shotcreting	Specifications for Shotcrete	506.2-95 / Committee	Last ballot of revised specification ended 10/30/09; failed. Committee working on comments.	Ardahl (M)*	Not needed
522	Pervious Concrete	Specification for Pervious Concrete Pavement	522.1-08 / Committee	No new ballots.	Pergalsky	Fisher
548	Polymers and Adhesives in Concrete	Specifications for Latex Modified Concrete (LMC) Overlays	548.4-93 / TAC	Working on responses to TAC comments.	Weiss	Stenko
548	Polymers and Adhesives in Concrete	Specification for Type EM (Epoxy Multi-Layer) Polymer Overlay for Bridge and Parking Garage Decks	548.8-07	No new ballots.	Weiss	Stenko
548	Polymers and Adhesives in Concrete	Specification for Type ES (Epoxy Slurry) Polymer Overlay for Bridge and Parking Garage Decks	548.9-08	No new ballots.	Weiss	Stenko

<b>Comm. No.</b>	<b>Title</b>	<b>Specification</b>	<b>Previous / Next</b>	<b>Comment/ Action</b>	<b>TSC Liaison</b>	<b>Nonvoting TSC Members</b>
548	Polymers and Adhesives in Concrete	Specification for Type (MMS) Methyl Methacrylate Slurry Polymer Overlays for Bridge and Parking Garage Decks	548.X / TAC	Working on responses to TAC comments.	Weiss	Stenko
548	Polymers and Adhesives in Concrete	Specification for Polymer Concrete and Composite Underground Utility Enclosures	New / Committee	TAC approved at 2009 spring meeting. Does not conflict with ASTM. Will work with ASTM once specification is developed.	Weiss	Stenko
563	Specifications for Repair of Structural Concrete in Buildings	Specification for Repair of Existing Structural Concrete	New / Committee	Committee is starting work on a specification to go with the 562 code requirements document.		

\*(M) indicates that the TSC liaison is also a member of the committee and an associate member from that committee is not necessary