

## SUBCOMMITTEE ON MATERIALS

2017 Annual Meeting – Phoenix, AZ

Wednesday August 9, 2017

10:15 – 12:00 AM MST

### TECHNICAL SECTION 3C

#### Hardened Concrete

#### I. Call to Order and Opening Remarks

- A. Brief summary of activities
  - 1. 2017 Group 1 release - 4 new standards published, 10 revised standards published
  - 2. T23 and R39 transferred to TS 3B (Fresh Concrete)
- B. New Chairman- Brian Egan (TN), Vice-Chairmen- Andy Babish (VA)

#### II. Roll Call- (Voting Members Only)

Brian	Egan	TN (Chair)
Andy	Babish	VA (Vice Chair)
Paul	Burch	AZ
Robert	Lauzon	CT
Wasi	Khan	DC
Michael	Bergin	FL
Brian	Ikehara	HI
Michael	Santi	ID
Brian	Pfeifer	IL
John	Grieco	MA
Woody	Hood	MD
John	Staton	MI
Brett	Trautman	MO
Ross	Metcalfe	MT
Mick	Syslo	NE
Denis	Boisvert	NH
Darin	Tedford	NV
Donald	Streeter	NY
Daniel	Miller	OH
Kenny	Seward	OK
Becca	Lane	ON
Greg	Stellmach	OR
Timothy	Ramirez	PA
Jose	Lima	RI
Danny	Lane	TN
Darren	Hazlett	TX
Kurt	Williams	WA

**III. Approval of Technical Section Minutes**

A. Approve Mid-year Meeting Webinar Minutes (November 21, 2016) ATTACHMENT 1

**IV. Old Business**

A. SOM Ballot Items (From Rolling ballot 1- Fall 2016)

1. Item No. 11- Dual Ring Test Using Inner Concrete Ring- 3 Negative votes persuasive, yet to receive revisions from original Author
2. Item No. 13- make PP 65 a Full Standard (Now R-80)- some edits to Table 6 and Figure 3 are not in the printed version and are still needed. TF 16-01 – to report on significant digits
3. T365- published with incorrect title, being corrected.

B. TS Ballots (Ballot: May 2017 Tech Section Ballot) ATTACHMENT 2 for Comments.

<b>Ballot Item</b>	<b>Standard</b>	<b>Ballot Item Description</b>	<b>Ballot Results</b>
1	T23	Revise Section 5.3 to include allowable tolerances for beam molds.	0 negative votes - Ontario comment
2	T97	Revise sections 5.3, 5.4, 6.1, and various notes to be consistent /harmonious with ASTM.	0 negative votes -PA comment
3	T97	Revise section 10 to include updated precision and bias statements. The P&B statements were derived as a result of a multi-lab study completed in accordance with ASTM C670.	0 negative votes -PA, VA, MO comments
4	T24	Revisions proposed to the moisture conditioning requirements to allow more flexibility in conditioning methods used with appropriate core strength correction factors based on ACI 214.	2 Negative votes (OK and NE) - CCRL, VA, PA, WA, AZ, FL, MO comments
5	PP84	Revisions to refine this new provisional standard  <b>(Cecil Jones Discussion/Comment on Future of Standard)</b>	0 negative votes -SCA, PCA, PA, AZ, NY comments
6	T359	Standard was accidentally balloted to full SOM in Fall 2016 as new standard. Comments from 2016 ballot are incorporated in this Tech Section ballot for tech section to consider as revisions to current published standard.	0 negative votes -PA, AK comments
7	Standard Practice for Concrete	New standard practice for consideration. AASHTO T 22 allows for the ends of the cylinder to be sawed or ground to a planeness of	0 negative votes -CCRL, PA, AZ, OK, MO comments

	Cylinder Grinding	0.050 mm (0.002 in.), but it does not define how to grind the ends plane. This draft standard attempts to define the grinding procedure. If the Technical Section approves this standard, the next step will be to refer to it in AASHTO T 22 and C39/C39M.	
8	V-Kelly Testing Standard	New standard for consideration. Current method is stated as an appendix in PP84. Method is proposed for consideration as a stand alone standard that PP84 will then reference if passed.	1 negative vote (CT) -CCRL, PA, AZ, OK, MO comments

B. Task Force Reports

1. TF 16-01- PP 65/R 80 Significant Digits (FHWA (Ahlstrom), PA (Horwart), MO (Trautman))

**V. New Business**

A. Research Proposals (Research Liaison: John Stanton (MI))

1. 20-7 RPS
2. Full NCHRP RPS- Amir Hanna  
Proposal for "Rating Concrete Permeability Based on Resistivity Measurements"

B. AASHTO Re:source/CCRL - Observations from Assessments?

C. NCHRP Issues

D. Correspondence, calls, meetings

E. Presentation by Industry/Academia

- Ahmad Ardani, PE, Program Manager, Concrete Research Center, FHWA Turner-Fairbanks -- T-97, smaller bean size and P&B test results

F. Proposed New Standards

G. Proposed New Task Forces

H. Standards Requiring Reconfirmation

1. -TP 109-14(2016)- Nonlinear Impact Resonance Acoustic Spectroscopy (NIRAS) for Concrete Specimens with Damage from Alkali-Silica Reaction (ASR)
2. -TP 110-14(2016)- Potential Alkali Reactivity of Aggregates and Effectiveness of ASR Mitigation Measures (Miniature Concrete Prism Test, MCPT)

I. SOM Ballot Items (including any ASTM changes/equivalencies)

1. See TS ballot results
- J. Standard Stewards- Assignment of standards to State/Industry
  - i. Volunteers- ATTACHMENT 3

**VI. Open Discussion**

**VII. Adjourn**