



American Concrete Institute

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Meeting Agenda

ACI Committee 445-0E - Shear & Torsion-Torsion

Online

Wednesday February 9th, 9am – 11am EST

Mission: *To develop and report information on the analysis and design of structural concrete members subjected to torsion in combination with shear, bending, and/or axial force.*

Goals: *1. Support 445 and 318-E on issues involving torsion 2. Maintain report on Torsion in Structural Concrete (445.R-12) 3. Sponsor technical sessions to disseminate the subcommittee work*

Committee Members

Gary Greene
Eva Lantsoght
Mohammad Ashrafy
Abdeldjelil Belarbi
Lennart Elfgren
I-Kuang Fang
Thomas Hsu
Deuckhang (DK) Lee

Akram Shakir Mahmoud
Yi-Lung Mo
Giorgio Proestos
Khaldoun Rahal
Julio Ramirez
Lesley Sneed
Andor Windisch

1. Administrative [5 min]

- 1.1. Welcome and introduction
- 1.2. Review and approval of agenda
- 1.3. Approval of the previous meeting's minutes

Note: Requires 7 voting members present.

2. Old Business [105 min]

2.1. 445.1R Report on Torsion in Structural Concrete [90 min]

- Review of original Timeline:
 - February 1st 2022: send proposed revisions and additions to Gary and Eva
 - February 21st 2022: Eva and Gary send compiled file to committee for review prior to convention
 - March 3rd 2022: deadline for sending comments on compiled file
 - March 27-31 2022: Spring convention – present status of document to 445-main for basic comments
 - April 21st 2022: deadline to implement overall comments from 445-main

Always advancing

- May 2022: subcommittee ballot on the document
- June – September: address 445-E ballot comments
- October 2022 ballot 445-main level
- November 2022: 445-main ballots ready
- January 21st 2023: have 445-main comments implemented
- ACI's deadline May 2024
- Proposed new Timeline:
 - March 9th 2022: send proposed revisions and additions to Gary and Eva
 - March 16th 2022: Eva and Gary review progress on document
 - March 23rd 2022: 445-E Spring Convention virtual meeting
 - March 28th 2022: Spring convention – present progress of document to 445-main
 - April 13th 2022: deadline for 445-E for sending comments on compiled file
 - May 2022: subcommittee ballot on the document
 - June – September: address 445-E ballot comments
 - October 2022 ballot 445-main level
 - November 2022: 445-main ballots ready
 - January 21st 2023: have 445-main comments implemented
 - ACI's deadline May 2024
- Current status of implementation comments
- Additional topics to include based on recent research

2.2. 445.23 Shear & Torsion document: contribution from 445-E [15 min]

Chapter 5 of ACI 445.23. Update from Gary Greene and Giorgio Proestos.

3. Adjournment [5 min]

Next meeting – Monday March 28th 1pm – 2:30pm, Orlando, FL.