



American Concrete Institute

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[www.concrete.org](http://www.concrete.org)

## Meeting Agenda

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

#### Online (GoToMeeting)

Wednesday March 23<sup>rd</sup>, 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. Strategic Planning and Discussion [5 min]

- 2.1. Membership
- 2.2. Review of mission
- 2.3. Review of goals

#### 3. Old Business [90 min]

- 3.1. 445.1R Report on Torsion in Structural Concrete [75 min]

*Always advancing*

- **Timeline:**
  - March 9<sup>th</sup> 2022: send proposed revisions and additions to Gary and Eva
  - March 16<sup>th</sup> 2022: Eva and Gary review progress on document
  - March 23<sup>rd</sup> 2022: 445-E Spring Convention virtual meeting
  - March 28<sup>th</sup> 2022: Spring convention – present progress of document to 445-main
  - April 13<sup>th</sup> 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 21<sup>st</sup> 2023: have 445-main comments implemented
  - ACI's deadline May 2024
- Current status of implementation comments

**3.2. 445.23 Shear & Torsion document: contribution from 445-E [15 min]**

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

**4. New Business [15 min]**

**4.1. Future work of the committee**

**4.1.1. 445 and 318-E issues involving torsion**

Update from DJ Belarbi.

**4.1.2. Torsion database**

Update from K Rahal.

**5. Adjournment [5 min]**

Next meeting – Monday October 24<sup>th</sup> 1pm – 2:30pm, Dallas, TX or online.