

## AGENDA

### ACI Subcommittee 445A – Strut and Tie Models

Sunday, October 25 – 12:30 PM to 3:30 PM EDT

<https://global.gotomeeting.com/join/190994877>

Shear and Torsion--Joint ACI-ASCE (445)

Monday, October 26 – 5:00 PM to 9:00 PM EDT – Virtual

1. Approval of Agenda
2. Introductions (thank David Sanders, Chairman since xxxx, and Adam Lubell, Sec. since xxxx, for their service)
3. Review and Approval of Minutes from Spring Meeting in Virtual Chicago
4. Review of Mission and Goals
  - a. Mission: Develop and report information on strut-and-tie models
  - b. Goals:
    - Develop change proposals for consideration by 318E
    - Update (or add to) STM examples in SP 208 and SP 273 for compliance with 318-19/25
    - Other?
5. Status of ACI 445A – *Strut-and-Tie Method Guidelines for ACI 318-19* (Sanders or Belarbi)
6. Review of Chapter 23 Change Proposals for 318-19

Change	Lead	Change Proposal
Curved Bar Nodes	Klein	CE010
Minimum Reinforcement Requirements	Klein	CE015
Development of Tie Force within Nodal Zone	Klein	CE030
Treatment of Prestressing Force	Klein	CE040
Minimum Angle in STM	Klein	CE050
Shear Friction	Klein	CE060
Strength of Struts and Maximum Shear Stress in Discontinuity Regions	Klein	CE135
STM - Model to Method	Novak	CE055
Buckling Concerns for Struts, limit on aspect ratio	Novak	CE175
Impact of Seismic Loading on STM	Rodriguez	CE155
Confined Nodal Zones	Sanders	CE165

7. Technical presentation: “Behavior and Design of Concrete Frame Corners: STM Approach,” Dennis Wang and Chris Williams (20 minutes)
8. 318-25 Change Proposals
  - a. Changes arising from Purdue research on frame corners
  - b. Other?
9. Other Business?
10. Adjournment