

# Twenty-Seventh Annual Structural Conference

Friday, September 21, 2007

Scott Conference Center  
Omaha, Nebraska

## Who should attend?

This conference will provide an opportunity for the practicing engineer to keep abreast of changing aspects of the profession. This conference will emphasize practical applications used in engineering.

## Location

The **Scott Conference Center** is located at 6450 Pine Street in Omaha, Nebraska. Parking in **Lot 9** across from the Scott Conference Center is complimentary. For a map of the site see: <http://www.scott-center.com/areamap.htm>

**Directions from the South:** From I-80 and 72nd Street, go north on 72nd Street, left if coming from the west (1.5 miles), right (1.3 miles) if coming from the east. Take 72nd Street to Pine Street. Turn right on Pine Street for .6 miles. The Scott Conference Center is located near the curve in the road.

**Directions from the West:** From I-680 & Pacific Street, go east to 67th Street. Turn right on 67th Street. Go to Pine Street, take a left. The Scott Conference Center is located near the curve in the road.

## Planning Committee

*Michael Baumert, Nielsen-Baumert Engineering, Inc.*  
*Jennifer Dimig, Wiss Janney, Elstner Associates, Inc.*  
*Jeff Ehler, InfraStructure, LLC*  
*Todd Feldman, HDR Architecture, Inc.*  
*Scott Gilliland, InfraStructure, LLC*  
*Stephen Kathol, The Schemmer Associates*  
*Dave Klostermeyer, Rupprecht Engineering, Inc.*  
*Rich Kotan, Omaha Public Power District*  
*Gary Krause, University of Nebraska*  
*Nancy McCormick, Leo A. Daly*  
*Maher Tadros, University of Nebraska*



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Route to:

Annual Structural Conference  
SEAON  
P.O. Box 540068  
Omaha, Nebraska 68154

## Annual Structural Conference

SEAON

P.O. Box 540068  
Omaha, Nebraska 68154

Conference Coordinator:

Rich Koran

(402) 636-2427

Full-Time Student

Name of College or University:

## Twenty-Seventh Annual

## Structural Conference

Friday, September 21, 2007 - Scott Conference Center, Omaha, Nebraska

Please photo copy this form for additional attendees.

Name ..... Company .....

Address .....

City ..... State ..... Zip .....

ASCE NE member  SEAON member  Non-member  PTI Manual (\$50)

Registration fee is \$125 for ASCE Nebraska Chapter and SEAON members if received by Friday, September 14, 2007. Non-member and/or late registration fee is \$150. Full-time student fee is \$25.

## Twenty-Seventh Annual Structural Conference Program

7:15 Registration

### Morning Session

Presiding: *Scott Gilliland, InfraStructure, LLC*

8:00 Welcome and Announcements

*Jeff Stevens, Shaffer and Stevens, PC*

8:15 Design and Construction of Post-Tensioned  
Concrete Structures - I

*Pawan Gupta, Technical Director, Post-Tensioning Institute (PTI)*

9:30 Break

9:45 Design and Construction of Post-Tensioned  
Concrete Structures - II

*Pawan Gupta, Technical Director, Post-Tensioning Institute (PTI)*

10:45 Evaluation and Modification of Open-Web Steel  
Joists and Joist Girders

*Perry Green, Technical Director, Steel Joist Institute (SJI)*

11:30 International Building Code 2006 -  
Omaha Modifications

*Martin Wiedenman, President, Performance Engineering*

*Greg Hauptman, Plans Examiner, City of Omaha*

12:00 Lunch

### Afternoon Session

Presiding: *Nancy McCormick, Leo A. Daly*

1:00 Fort Calhoun Containment Work

*Jeffrey Spilker, Supervisor Nuclear Projects*

*Omaha Public Power District*

1:30 AISC - Chapter C - Stability - I

*LeRoy Lutz, Vice President, Computerized Structural Design*

3:00 Break

3:15 AISC - Chapter C - Stability - II

*LeRoy Lutz, Vice President, Computerized Structural Design*

4:15 ASCE/SEI Steel Transmission Pole Design Standards

*Marlon Vogt, Special Project Manager, Alliant Energy*

4:45 Questions and Answers

5:00 Adjourn

## Sponsors

UNIVERSITY OF  
**Nebraska**

**ASCE** American Society  
of Civil Engineers  
Nebraska Section



THE PETER KIEWIT  
**INSTITUTE**  
Information Science, Technology & Engineering

Admission to the conference is by registration. To assure registration, complete the registration form and mail early.

The Fee covers breaks, lunch, and handout materials.

Make checks payable to **Annual Structural Conference**.

Refunds will be made if the conference is canceled or if the applicant cancels no later than five working days prior to the conference date.

Mail your registration to:

**Structural Conference**  
SEAON

P.O. Box 540068

Omaha, Nebraska 68154

Certificates for **7.5 Professional Development Hours** will be awarded at the conclusion of the conference.

### Special Conference Offer

Copies of the **Post-Tensioning Manual, Sixth Edition**, will be available for pre-purchase at the discounted price of \$50 (compared to \$112.50 for non-PTI members). A limited number of copies will be available on a "first-come" basis. Please include the cost of the Post-Tensioning Manual with your registration fee.