

## Twenty-Second Annual Structural Conference Making the Connection

Friday, October 4, 2002  
Peter Kiewit 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 **Peter Kiewit Conference Center** is located at 13th and Farnam, across from Gene Leahy Park, in downtown Omaha, Nebraska.

Full day parking is available across the street at **Omaha Park Two**.

### Planning Committee

*Todd Feldman, HDR Architecture, Inc.*

*Scott Gilliland, Tadros Associates, LLC*

*Dave Klostermeyer, Rupprecht Engineering, Inc.*

*Rich Kotan, Omaha Public Power District*

*Gary Krause, University of Nebraska*

*Maher Tadros, University of Nebraska*

*Kirby Woods, Omaha Public Power District*

UNIVERSITY OF  
**Nebraska**

Ash Grove Cement Company  
North Central Cement Promotion Association

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

# Twenty-Second Annual Structural Conference Making the Connection

Friday, October 4, 2002

Route to:

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Annual Structural Conference  
University of Nebraska  
College of Engineering & Technology  
Peter Kiewit Institute  
Omaha, Nebraska 68182-0176

UNIVERSITY OF  
**Nebraska**

**Annual Structural Conference**  
Department of Civil Engineering  
University of Nebraska  
Omaha, Nebraska

Conference Coordinator:  
Gary Krause  
(402) 554-3212

**Full-Time Students Please List:**  
College .....

Name ..... Title .....

Company .....

Address ..... Phone .....

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

Registration fee is \$125 if received by Friday, September 27, 2002.  
Late registration fee is \$150. Full-time student fee is \$25.

# Making the Connection

## Program

7:15 Registration

### Morning Session

Presiding: *Rich Kotan, Omaha Public Power District*

8:00 **The Future of Engineering Education in America**

*David Allen, University of Nebraska  
Dean, College of Engineering*

8:30 **Welded Connections**

*Robert Shaw, President, Steel Structures Technical Center*

9:15 **ACI 2002 Anchorage to Concrete**

*Ronald Cook, Professor, University of Florida*

10:00 **Break and Vendor Exhibits**

10:30 **Building Systems Blast/Seismic Resistance**

*Edward Conrath, Protective Design Center  
US Army Corps of Engineers*

11:15 **Bolted Connections**

*Robert Shaw, President, Steel Structures Technical Center*

12:00 **Lunch**

### Afternoon Session

Presiding: *Scott Gilliland, Tadros Associates, LLC*

1:00 **Design and Construction of the  
First National Bank Tower**

*Susan Jorgensen, Structural Engineer, Leo A. Daly*

1:45 **Strut and Tie Modeling of Disturbed Regions**

*Daniel Kuchma, Professor, University of Illinois*

2:30 **Break and Vendor Exhibits**

3:00 **ACI 2002 Unified Design Method**

*Maher Tadros, Professor, University of Nebraska*

3:30 **IBC 2000 Load and Resistance Factors**

*Gary Krause, Professor, University of Nebraska*

4:00 **Adjourn**

## Sponsors

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**Ash Grove Cement Company**

**North Central Cement Promotion Association**

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

**The Fee** covers breaks, vendor exhibits, lunch, handout materials, and the following technical publications (a \$130 value):

*Strength Design of Anchorage to Concrete*  
and *Notes on ACI 318 - 2002*  
by the *Portland Cement Association*

*Welding Quality Handbook*  
and *Structural Bolting Handbook*  
by the *Steel Structures Technical Center*

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**  
Gary Krause  
University of Nebraska  
College of Engineering & Technology  
Peter Kiewit Institute  
Omaha, Nebraska 68182-0176

**7.5 Professional Development Hours** will be awarded, if requested.