

# THE NEBRASKA CIVIL ENGINEER



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**Volume L**

**October 2002**

**Number 2**

**2002-2003 NE-ASCE**

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**Meeting Information**

**DATE: Thursday, October 24**

**HOST: Construction Group  
Nebraska Section ASCE  
(Marti Cieslik, Chair)**

**TOPIC: "Design and Construction  
of the Addition to Immanuel  
Hospital in Omaha"**

**SPEAKERS:  
Susan Jorgensen, P.E.  
Structural Engineer,  
Leo A Daly Architects and Engineers**

**James L. Fisher  
Project Manager,  
McCarthy**

**TIMES:  
5:30-6:30.....Social Hour  
6:30-7:30.....Dinner  
7:30.....Meeting and Program**

**LOCATION:  
El Bee's  
10402 South 144th Street  
Omaha, Nebraska**

**MENU:  
Macho Chimichanga  
Tacolada  
Tostada Supremo  
Quesadilla Grande  
Omelet Carolina  
Huevos Rancheros  
Taza De Carne  
Burrito Fantastico  
Taco Salad**

**PRICE: \$14.00 per person  
(including tax and gratuity)**

**DINNER RESERVATIONS**

*RSVP with menu choice by noon on  
Monday 10/21/02*

Contact Loras Klostermann in Omaha at  
330-8860 or [lklostermann@td2co.com](mailto:lklostermann@td2co.com)

or

Rose Jones in Lincoln at 458-5603  
or [RJones@OAConsulting.com](mailto:RJones@OAConsulting.com)

**Immanuel Hospital Addition**

This project involves constructing a portion of the new addition over the existing building. The existing structure is not adequate to support the additional loads, so cast-in-place concrete columns supported by new auger-cast piles and pile caps were installed within the existing building. These columns extend through the roof of the building and support approximately half of the four-story addition to the diagnostic center and hospital.

**Susan Jorgensen**

Susan Jorgensen is a lead structural engineer with Leo A Daly Architects and Engineers in Omaha, Nebraska. Her responsibilities include structural design and analysis on projects varying from elementary schools and libraries to hospitals and casinos. She was one of five structural engineers who designed the Tower at First National Center and has been very involved during the construction of the project. She is also working with Dr. Gary Krause on an independent research project to measure the axial shortening of the tower.

Prior to joining the Daly Company in 1997, Susan worked for small consulting engineering firms in Sioux Falls, South Dakota, Fargo, North Dakota, and Denver, Colorado. She received her bachelor of science degree in Civil Engineering from the South Dakota School of Mines and Technology.

Susan has been involved in the ASCE sponsored Future Cities competition and is currently president-elect of the Nebraska Chapter of ACI.

**(Continued on Page 4)**

## President's Comments



Brad Levich, P.E.  
NE-ASCE President

Cheers,

Hope you are enjoying the fall weather. The Structural meeting was a huge success. Ray Hicklin and Erleen Hatfield provided an interesting look at the new arena and convention center. In addition, as a bonus Erleen provided a look at the September 11 engineering assistance for the World Trade Center Towers in New York City. Her company was hired to evaluate the nearby structures and provide direction on how to remove debris from the site.

The construction meeting is October 24, 2002, and will focus on the construction challenges associated with Immanuel Hospital. Hope we have a great turn out like the structural meeting. I would like to extend a challenge to every board member to bring one guest or fellow employee to the next meeting.

The ASCE board is actively looking for a new newsletter editor. This is a great way for a young engineer to actively participate in ASCE and become a board member. Newsletter editor was my first position in ASCE. In addition, I would like to encourage any member who would like to participate on any committee to call any committee chair or me. With your help we can provide better programs and increase participation in the society and promote Civil Engineering.

The Nebraska section is planning to send one younger member to the Younger Member Symposium in Washington D.C. and we are also planning to send two members to the 150 Anniversary Annual Meeting in Washington D.C. Marie Maly, Younger Member Co-Chair, will attend the younger member symposium. Bob Kalinski and Joe Waxse will attend the annual meeting to represent the Nebraska Section.

It has been a long time, since 1992, but my Cyclones finally beat the Huskers. Maybe this is the year for miracles, the Cyclones Big 12 champs in football not basketball. That may be too much to ask for, being a Cyclone fan for 15 years I try not to look too far ahead and just celebrate every victory as they come. A few years that meant one win for a whole season. So Go Cyclones.

*Bradley A. Levich*

## 2002-2003 Important Dates

### October:

24 - MONTHLY MEETING (Hosted by Construction Group), Omaha

### November:

3-7 - Washington DC 2002 - Civil Engineering Conference & Exposition

7-8 - ACI / PCA Seminar: ACI 318-02 Building Code, Omaha

14 - MONTHLY MEETING (Hosted by Management Group), Omaha

18-19 - NSBA / NaBRO Steel Bridge Design Seminar, St. Louis, MO

### December:

11-13 - 2002 FHWA Steel Bridge Conference, Salt Lake City, UT

### January:

23 - MONTHLY MEETING (Co-hosted by Water Resources Group and Univ. of Nebraska-Lincoln Student Chapter), Lincoln

### February:

20 - MONTHLY MEETING (Hosted by Geotechnical Group), Omaha

21 - Annual Geotechnical Conference, Omaha

### March:

20 - MONTHLY MEETING (Hosted by Environmental Group), Lincoln

### April:

17 - MONTHLY MEETING (Co-hosted by Transportation Group and Univ. of Nebraska-Omaha Student Chapter), Omaha

### May:

16 - ANNUAL MEETING

The screenshot shows the homepage of the Nebraska Section of the American Society of Civil Engineers (ASCE). It features a navigation menu on the left with links for Home, Executive Board, Newsletters, News, Meetings, Conferences, Membership, Calendar, and Links. The main content area includes a header with 'Nebraska ASCE American Society of Civil Engineers' and two buttons: 'Structural Conference' and 'Current Newsletter'. Below this is a welcome message: 'Welcome to the Home Page of the Nebraska Section of the American Society of Civil Engineers (ASCE). ASCE represents more than 125,000 civil engineers nationwide and is America's oldest national engineering society. ASCE was founded in 1852 and is comprised of individuals from all areas of civil engineering including: Structural Engineering, Geotechnical Engineering, Environmental Engineering, Construction Engineering, Water Resources Engineering, and Transportation Engineering. The Nebraska Section of ASCE is an active organization of civil engineers who are diverse in practice and geography. Please take the time to browse through our web site to learn more about our Section and feel free to contact any of our board members.' At the bottom, there is a banner for 'Celebrating 150 Years of Civil Engineering' and a contact email: 'Contact info@neasece.org for comments or questions. Copyright © 2002 American Society of Civil Engineers - Nebraska Section'.

Check Out the Section's *newly redesigned* website at

**www.neasece.org**

Direct any items of interest or comments to the Section Webmaster, Brad Chambers, at (402) 333-5792 or [webmaster@neasece.org](mailto:webmaster@neasece.org). We send out notices, reminders and an electronic copy of this newsletter via email. To be included in our email database, email Brad Chambers at the above address.

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**(Speakers, Continued from Page 1)****James L. Fisher**

Mr. Fisher manages McCarthy's construction services on a daily basis; is present at the site full-time to oversee effective management by the field staff; exercises control over the budget and schedule; and ensures timely and high quality work by all contractors involved. He holds a B. S. in Building Construction and Contracting from Purdue University, and has 24 years of construction experience (16 with McCarthy).

Jim's project experience includes:

- Alegent Health, Omaha, Nebraska; \$105 million capital improvements on four campuses.
- Mallinckrodt A.S.I. Project, St. Louis, Missouri; \$11.5 million installation of a pharmaceutical production plant.
- Maine Medical Center, Portland, Maine; \$27 million 2-story vertical expansion of L.L. Bean Building and emergency department renovation.
- Knapp Medical Center, Weslaco, Texas; \$25 million 6-story vertical expansion tower addition and renovation.
- Owensboro-Daviess County Hospital, Owensboro, Kentucky; \$20 million 6-story addition to existing hospital.
- Asbury-Salina Regional Medical Center, Salina, Kansas; \$13 million patient services expansion and renovation project.
- Saint Joseph Hospital, Fort Worth, Texas; \$17 million addition and renovation project.
- Northwestern Medical Center, St. Albans, Vermont; \$10 million addition and renovation project.
- Lawton Psychiatric Hospital, Lawton, Oklahoma; \$5 million addition and renovation project.
- Valley Community Hospital, Brownsville, Texas; \$6 million addition and renovation project.
- Brownsville Medical Center, Brownsville, Texas; \$10 million multiple addition and renovation projects.
- Glencairn Junior High School, Houston, Texas; \$10 million 150,000 SF educational facility including vocational shops, gymnasiums, auditorium and pool project.

**Last Month's Meeting**

54 people attended the Structural meeting at Anthony's on Oct. 3. Ray Hicklin and Erleen Hatfield presented an outstanding program about Omaha's new arena.

Brad Chambers	Daren Konda	Daryoush Razavian
Steven Saye	Karla Troester (guest)	Bagher Tarkian (guest)
Steve Jorgensen (guest)	Kip Squire	Gary Krause
Susie Jorgensen	Mike Langner	Jeff Kortan
Virgil Olegmueller	Ray Hicklin (speaker)	Nate Dickerson
David Klostermeyer	Brian Havens	Lindsay Madsen
John Hill	Pat Hiccyen (guest)	S. J. Dolerac
Brian Erickson	Peter Vaccaro	Mike Naccarato
Adam Cornely (UNO student)	Ed Prost	Erleen Hatfield (speaker)
Joe Zadina (UNO student)	Jeff Kopocis	Bradley Levich
Eric Rounph (UNO student)	Mike McIntosh	Peggy Meyers (guest)
Bill Dowd	Nathan Nelson (guest)	Matt Kracic
Ed Fink	Marie Maly	Kurt Rohn
Steve Kathol	Ray Moore	Dave Hamilton
Mike Baumert	Thomas Strauss	Steve Bottum
Reed Schwartzkopf	Scott Gilliland	Helen Bottum (guest)
Jimmy Harding (UNL student)	Rich Kotan	Bob Kalinski
Jeremy Bowers (UNL student)	Bob Shaw (guest)	Joe Waxse

**Steel Bridge Design Using AASHTO LRFD Bridge Design Specification (2001 Interim)**

A seminar sponsored by: National Steel Bridge Alliance (NSBA) and National Bridge Research Organization (NaBRO) (an educational/research facility at the University of Nebraska-Lincoln)

**Date:** November 18 and 19, 2002

**Location:** Millennium Student Center (MSC)-Third Floor, University of Missouri-St. Louis, 8001 Natural Bridge Road, St. Louis, MO 63121

**Seminar Description:** This day and half-long seminar will be devoted to the design of steel bridges using the AASHTO LRFD Bridge Design Specifications. Lectures will consider seismic design issues. The seminar will also include a brief overview of the latest and important developments in the field of steel bridges.

**Who Should Attend:** This course is suited for engineering professionals engaged in the design of steel bridges using AASHTO Specifications..

**Instructors:**

**Dr. Atorod Azizinamini** - Director of the National Bridge research Organization (NaBRO) and Professor of Civil Engineering at the University of Nebraska-Lincoln (UNL)

**William F. McEleney, P.E.** - regional Director for the National Steel Bridge Alliance

*(Space is limited-Registraton will be honored on a first-come first-served basis)*

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The deadline for the November edition of *The Nebraska Civil Engineer* is November 1. Send ideas for items that could be included in this newsletter, articles, or information to:

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