

THE NEBRASKA CIVIL ENGINEER



OFFICIAL PUBLICATION OF THE NEBRASKA SECTION OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

Volume XLIX

November 2001

Number 3

2001-2002 Nebraska Section Officers

- President**
Bob Kalinski
- President-Elect**
Brad Levich
- Vice President**
Mark Stark
- Past President**
Daryoush Razavian
- Treasurer**
John Hill
- Secretary**
Thomas Marnik
- Directors**
Ed Prost
Loras Klostermann
- Newsletter Editor**
Rick Kaufmann
- Webmaster**
Brad Chambers
- District 16 Council/
150th Anniversary**
Joe Waxse



Meeting Information

- DATE:**
Wednesday, November 14
- HOST:**
Management Group
Nebraska Section ASCE
- TOPIC:**
"Recent National Developments and Opportunities"
- SPEAKER:**
W. Don Nelson, Nebraska State Director for United States Senator Ben Nelson
- TIMES:**
5:30-6:30.....Social Hour
6:30-7:30.....Dinner
7:30-9:00...Meeting and Program
- LOCATION:**
The Steakhouse
34th and Cornhusker
Lincoln, Nebraska
- MENU:**
9-oz. Club Steak
Teriyaki Chicken
Halibut Steak
- PRICE:**
\$15.00
(including coffee or tea and gratuity)

DINNER RESERVATIONS

RSVP with menu choice by noon on Monday 11/12/01

In Omaha and Eastern Nebraska:
contact Bob Kalinski at (402) 894-2678
or president@neasce.org

In Lincoln and Central/Western Nebraska:
contact Brad Levich at (402) 466-3911
or president-elect@neasce.org

W. Don Nelson

W. Don Nelson is the Nebraska State Director for U.S. Senator Ben Nelson. As such, he supervises a staff of twelve professionals and five interns in Lincoln, Omaha, McCook, and Chadron. Prior to his current public service assignment, he was a Nebraska investment banker from 1987-2000, and was Managing Director/Manager for the Nebraska office of a national securities firm for six of those years. Prior to that, he was a chief policy advisor for Governors Bob Kerrey (NE), Ed Herschler (WY), J. James Exon (NE), and Norbert Tiemann (NE). He also worked for Congressman Douglas K. Bereuter in 1969-71 when Bereuter was Director of the Nebraska State Office of Planning and Programming.

While in the private sector, Mr. Nelson has participated in a wide range of financings from \$50,000 to \$340 million. He is experienced in both tax exempt and taxable financing for public and corporate clients. The areas covered by these financings include student loans, school districts and higher education facilities, multi-family and single-family affordable

Continued, Page 3

President's Comments

What's in Store for 2001-2002?



Bob Kalinski, President
Nebraska Section, ASCE

Hello fellow members of the Nebraska Section of ASCE. I hope that everyone is busy and things are going well. With the events of the last couple of months, I have not had the opportunity to thank everyone who attended the two monthly meetings we have had so far this year. Both meetings were well attended and our speakers (Dave Jesse of the Harry A. Koch Company for the September meeting and Terry Atkins of Lamp,

Rynearson and Associates for the October meeting) gave excellent and timely presentations. In addition to those who have attended and participated in our monthly meetings, I would also like to thank several members of our Section who participated in the Heartland of America Parade that was held on October 7 in Ralston.

As has been discussed in previous newsletters, Board members of the Nebraska Section of ASCE voted last year to increase our annual Section membership dues from \$7.50 to \$15. No one is exactly sure when our last dues increase was, but it had been over 10 years. Because we asked section members for the increase and they responded, now is a good time to go over some of the 2001-2002 goals of the Nebraska Section to let you know how your money is being spent.

Some of the primary goals and activities that are in store for 2001-2002 from the Nebraska Section of ASCE include the following.

- Increasing our involvement and commitment to Student members and Younger members. Some of the new activities we will and have used to accomplish this goal included sending a representative to the Younger Members symposium at the National meeting in Houston, and the establishment of a student scholarship by the Geotechnical Technical Committee. Continued activities will include financial support of activities such as the Concrete Canoe Contest and the Balsa Wood Truss Contest with the help and financial support of the Structural Technical Committee.

- Active participation in the ASCE 150th Anniversary Celebration. The 150th Anniversary of ASCE has officially begun. At the Houston Conference last month, Bob Bein the ASCE immediate Past President, formally launched the 150th Anniversary. The anniversary provides members with the opportunity of a lifetime to increase public awareness and understanding of the civil engineering profession. For the next year, ASCE will be showing and telling the public what civil engineers have done in the past, what they do today, and what civil engineering can do in the future. The Nebraska Section Chair for 150 Anniversary activities is **Joe Waxse**, and we are looking forward to local events and activities.

- General activities to improve and enhance the image of our profession. This has always been a primary goal of ASCE on the local and National levels. New activities have included the establishment of an emergency disaster response list and participation in events, such as the Heartland of America Parade, that illustrate the role of civil engineers to the public. Continued activities will include things such as Future City.

The activities and events described in this column are just a few ways that the Nebraska Section of ASCE is here to serve our members. If you want to find out more, just go to a meeting and/or volunteer to serve as a Board member. We can always use your help.

2001-2002 Important Dates

Nov 11	West Point Bicentennial Engineering Design Contest begins
Nov 14	NOVEMBER MEETING (Hosted by Management Group), Lincoln
Jan 16	JANUARY MEETING (Co-hosted by Water Resources Group and UNL Student Chapter), Lincoln
Feb 17-23	National Engineers Week
Feb 28	FEBRUARY MEETING (Hosted by Geotechnical Group), Omaha
Mar 1	Annual Geotechnical Conference
Mar 14	MARCH MEETING (Hosted by Environmental Group), TBA
Apr 11	APRIL MEETING (Co-hosted by Transportation Group and UNO Student Chapter), Omaha
May TBA	ANNUAL MEETING

Call for Abstracts

The Federal Highway Administration (FHWA) conference "Steel Bridges: Emerging Technologies with Emphasis on High Performance Steel" will be held December 12-13, 2002 in Salt Lake City, Utah. The focus of this conference is on the design, fabrication, construction, and research issues related to steel bridges. This conference will represent the second major FHWA undertaking to transfer the latest developments in the field of steel bridges to bridge engineers. At the first conference, held in Baltimore, MD in November 2000, more than 400 bridge engineers, including twenty State Bridge Engineers were present. Similar participation is expected for the Salt Lake City conference.

Authors are encouraged to submit a one page abstract related to various aspects of steel bridges, including research, design, fabrication, construction, seismic issues, and case studies. A panel consisting of engineers, researchers, and academicians will select the abstracts to be presented in the conference. The selected abstracts will be divided into two categories: Oral Presentation at the conference and Poster Presentation during a designated time at the conference. The authors of selected abstracts will be invited to submit a paper, which after peer review will appear in the conference proceedings. The deadline for receiving the abstracts is November 20, 2001. Interested authors should fax their abstracts to **Dr. Atorod Azizinamini** at (402)472-6658 or email it to aazizi@unl.edu. For more information call (402)472-3462 or contact Mr. John Hooks at (202)366-6712 or Mr. Vasant Mistry at (202)366-4599 of FHWA.



W. Don Nelson, Continued

housing, jails, health care, public power, water and sewer and sanitary and improvement districts.

Don graduated from the University of Florida and received his M.S. degree and Juris Doctor degree from Florida State University. He is licensed to practice law in the states of Nebraska, Florida, and Wyoming. He currently serves on the board of an \$8 billion public pension and investment board, the Nebraska Investment Council.

Last Month's Meeting

Thirty-three people attended the October Meeting held at El Bees in Omaha. In addition, several students attended.

David Anderson	Steve Saye
Brad Levich	Susie Jorgensen
Loras Klostermann	Steve Jorgensen
Bob Kalinski	Ed Thiele
John Hill	Dan Thiele
Steve Kathol	Aaron Buettner
Caleb Strate (student)	John Patney (guest)
Jeremy Befort (student)	Mike Baumert
Machelle Krajewski	Brad Chambers
Daryoush Razavian	Sandi Keehn
Mark Stark	Kristi Nohavec
Mike McIntosh	Joe Sherrard
Dan Mahrt	Brian Havens
Ray Moore	Jeff Kopocis
Steve Bottum	Tom Mamik
Helen Bottum (guest)	Ryan Paradis
Terry Atkins (speaker)	Nathan Dickerson

ASCE's Cybrarian Services

Have a subject you need to research?

A question you need to answer?

A fact you need to verify?

An information source you need to find?

ASCE's Web-based search service is your answer. The Cybrarian, Civil Engineering's information-management expert, is a fee-based research service in which you pay according to the amount of research time you decide you want to purchase.

To use this service, visit ASCE's Cybrarian Services at www.asce.org/cybrarian/ Fill in the Request Form, select the amount of time you wish to purchase for this research, and send your request to the Cybrarian.

Cybrarian Services cost \$40 an hour. For ASCE members, the first 15 minutes are free as an added member benefit. Visit the Cybrarian website for more info.

The biweekly **ASCE E-Newsletter** is your gateway to the latest information about the American Society of Civil Engineers as well as news from the world of Civil Engineering. It can now be found on the Nebraska Section's website. Just go to www.neasce.org and click on the *News* link.

In the October 26 issue:

- * ASCE Launches 150th Anniversary Celebration
- * 2002 Member Drive Underway
- * This Week in Washington: ASCE Urges Support For Federal Research into Wind Hazards
- * Book of the Week: Diversity: A Special Issue of Leadership and Management
- * Lifelong Learning: EJCDC Seminars Rescheduled =20
- * Take Note: 2002 ASCE Bridges Calendar Now on Sale

The Challenge

Our Society has organized and managed the very popular National Engineers Week Future City Competition™ for the last five years. This competition is composed of competing teams of three 7th and/or 8th graders, a teacher, and an engineer mentor who will represent a school in an effort to plan, design and build a future city. Their mission will be to design a city using the award-winning SimCity 3000™ program, build a three dimensional model of this city using recyclable materials, write an abstract about their city and essay about a selected engineering, and give an oral presentation about their vision of a futuristic community.

The success of this program depends on the dedication of our members' enthusiastic participation with these (possibly) future engineers or professionals. Participating members' special time is spent interacting with their team(s), providing insight into designing a city, providing tours of their office or the job site or just taking a moment to listen. These opportunities for interacting with our Society's members are greatly appreciated by the students.

Here is the Challenge to all of our members: sponsor a school by being a mentor and actively interact with these young aspiring professionals. You can involve your coworkers in assisting the school's development of their future city and help develop a team that is a national winner for the Heartland schools. If you are interested in participating in this exciting competition, please call me at (402) 533-6550 and/or email me at futurecity@neasce.org.

Kirby Woods, Future City Coordinator



STOP!

Have you paid
your ASCE
dues?

Call 800-548-2723 (ASCE)
and renew your membership today!

Happy



Holidays



Nebraska Chapter ACI 2001 Awards of Excellence

Annual Competition for the Use of Concrete in Nebraska

The Nebraska Chapter of the American Concrete Institute announces its tenth annual Concrete Awards Program. The purpose of this competition is to recognize outstanding work in concrete construction and practices within the state of Nebraska.

Noteworthy projects that highlight special uses or innovative construction techniques will be recognized. To obtain an entry form please print one from the ACI-Nebraska website. The address is: www.acinebraska.org.

Mail all entries to:
Ernie Peterson
14536 W. Center Rd. #167
Omaha, NE 68144

A Note from the Editor

The deadline for the January edition of *The Nebraska Civil Engineer* is December 28. Send ideas for items that could be included in this newsletter, articles, or information to:

ASCE Newsletter Editor
c/o **Rick Kaufmann**
Terracon

2211 South 156th Circle
Omaha, NE 68130-2506
Office No.: (402)-330-2202
Fax No.: (402)-330-7606
email address: editor@neasce.org

The Section's website can be found at

www.neasce.org

Direct any items of interest or comments to the Section Webmaster, **Brad Chambers**, at (402)444-6866 or webmaster@neasce.org. These can include job position postings, RFP's, corporate news releases, editorials, articles, or photos of ASCE-related events. 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.

CHANGE OF ADDRESS?

Please notify ASCE national of any address changes by calling 1-800-548-ASCE (2723) or contact them through their web site at www.asce.org. Address changes made at the national ASCE office are updated monthly at your local Nebraska Section.



hgm
ASSOCIATES INC.
ENGINEERS ARCHITECTS SURVEYORS

5022 S. 114TH Street, Suite 200
Omaha, NE 68137
(402) 346-7559
(800) 332-1005
E-mail: hgm@hgmonline.com

For the finest in
land improvement products call



CONTECH® Construction Products
Aluminized ULTRA FLO® Storm Sewer Pipe
Corrugated Metal Pipe • A2000™ PVC Pipe
Earth Retention Systems • TENSAR® Geogrids
Geotextiles • Sheeting & Erosion Control Products

Mike Heer Phone: 402-330-4170
Sales Engineer Fax: 402-330-6487
INNOVATIVE CIVIL ENGINEERING SOLUTIONS



rdg Geoscience & Engineering

- Geologic Site Characterization
- Water Resources
- Computer Modeling & Imaging
- Environmental Site Assessments
- Environmental Engineering


10360 Sapp Bros Drive (402)894-2678
Omaha, NE 68138 fax (402)894-9043
www.rdgge.com rdgge@rdgge.com

Quietly Making Nebraska's Good Life
Even Better Since 1946



KIRKHAM MICHAEL
Consulting Engineers

www.kirkham.com www.kirkham.com www.kirkham.com



URS

Environmental and Pollution Control
Hazardous/Solid Waste Management and Engineering
Design and Construction Management
Asbestos/Industrial Hygiene Services

One Old Mill Building
101 South 108th Avenue
Omaha, Nebraska 68154

402-334-8181
Fax 402-334-1984

Over 55 Years of Solutions Through
Service to Improve the Quality of Life



HWS
Civil and Geotechnical Engineering
Environmental Services • Construction Services
Metal Laboratory Services



HDR

Transportation • Environmental • Waste
Management • Energy • Water • Wastewater

8404 Indian Hills Drive • Omaha, NE 68114-4049
Phone: 402 399-1000 • Fax: 402 399-1238
http://www.hdrinc.com/
Employee Owned

HDR Engineering, Inc.



Ira Inc.
Professional engineering & surveying services since 1959

14710 West Dodge Road, Suite 100
Omaha, NE 68154-2029
Ph. (402) 496-2498
www.ira-inc.com



DLR Group

professional design services
in omaha and nationwide
since 1966

architecture • engineering • interior design • planning

402.393.4100 www.dlrgroup.com

LUMBERMEN'S



EROSION CONTROL
& GEOSYNTHETICS

(402) 894-2222 FAX (402) 894-2262
jfunk@lumbermens-omaha.com
spudenz@lumbermens-omaha.com

nebraska's locally owned
erosion control and geosynthetics supplier



E&A

E&A CONSULTING GROUP, INC.
ENGINEERS • PLANNERS • SURVEYORS

• Construction Management

Omaha, Nebraska Lincoln, Nebraska
402-895-4700 402-420-7217
http://www.eacg.com



LYMAN-RICHEY
CORPORATION

**Quality Materials to
Build the Next Century**

DIVISIONS:
Lyman-Richey Sand & Gravel Co.
Ready Mixed Concrete Company
Central Sand & Gravel Company

SUBSIDIARIES:
Gerhold Concrete Company, Inc.
United Products Company

General Offices:
4315 Cuming Street
Omaha, NE 68131
Phone (402) 558-2727



Terracon
Delivering Success for Clients and Employees

- Geotechnical Engineering
- Environmental Services
- Construction Materials Observation & Testing
- Facilities Engineering
- Pavement & Asset Management

Omaha 402.330.2202 Offices located throughout the
Lincoln 402.446.3911 Central, Southeastern and
www.terracon.com Western United States

THIS SPACE AVAILABLE!



OLSSON ASSOCIATES

1111 Lincoln Mall Lincoln, NE 68508
402.474.6311 Fax 402.474.5160

engineers planners scientists surveyors

LINCOLN
OMAHA
BRAND ISLAND
HOLDREGE
KANSAS CITY
PHOENIX
DENVER

www.oaconsulting.com

For underwriting information, contact Ben Higgins, Fund-Raising Committee Chair, in Omaha at (402) 444-6222 or bhiggins@linux3.nrc.state.ne.us

TG **THIELE GEOTECH, INC**
 13478 Chandler Road
 Omaha, Nebraska 68138
 402/556-2171
 Fax 402/556-7831

**GEOTECHNICAL, MATERIAL,
 AND ENVIRONMENTAL
 ENGINEERING**

www.thielegeotech.com

ASP
A.S.P. ENTERPRISES, INC.
 Your GeoSource Distributor

3840 S. 140th Street, Suite 5 & 6
 Omaha, NE 68138
 402.861.8579 • 877.678.8027 Toll Free
www.aspent.com

Geogrids/Geotextiles/Geogrids
 Geosynthetics
 Drainage
 Erosion Control
 Gabions
 Baskets

T.C. Mirafi • North American Green • Presto Products • A.D.S.

GSI HAS ALL THE PIECES TO SUPPORT YOUR PROJECT

Environmental
 Special Inspection
 Geotechnical
 Materials Testing
 Your Project

GS **Geotechnical Services Inc.**

www.gsiretwork.com • 1-800-648-0445

THIS SPACE AVAILABLE!

For underwriting information,
 contact **Ben Higgins, Fund-
 Raising Committee Chair, in
 Omaha at (402) 444-6222 or
bhiggins@linux3.nrc.state.ne.us**

TRANSYSTEMS CORPORATION

Transportation Engineering Services
 Roadway, Traffic, Environmental
 Planning and Track Design
 Roadway and Rail Bridge Design
 Field Surveys
 and Construction Management

tjkelloge@transystems.com (402) 895-5400
 5332 So. 138th St. - #300 Fax (402) 895-3500
 Omaha, NE 68137 www.transystems.com

THE SCHEMMER ASSOCIATES
 Architects Engineers

Omaha (402) 493-4800
 Council Bluffs (712) 329-0300
 Lincoln (402) 488-2500
 Denver (720) 554-0133

*Thanks to the Businesses That Support This Newsletter Through
 Their Contributions*

The Nebraska Civil Engineer

C/O Dan Mahrt
 Terracon
 2211 South 156th Circle
 Omaha, Nebraska 68130

**FIRST-CLASS MAIL
 U.S. POSTAGE PAID
 Omaha, NE
 Permit No. 479**

IN THIS ISSUE:

- Monthly Meeting Information
- President's Comments
- "Steel Bridges: Emerging Technologies..." Call for Abstracts
- ASCE's Cybrarian Services
- Nebraska Chapter ACI's Concrete Awards Program
- Future City Competition



