

The Nebraska Civil

Engineer



Official Publication of the Nebraska Section of the American Society of Civil Engineers

Calendar of Events:

March:

16 - Environmental Group Meeting, Spaghetti Works, Lincoln

31 - Younger Member Social / Networking

April:

Transportation Group Meeting, Omaha

Highlights of this Issue:

Zone III Leadership Conference Review - by
Maire Maly

**Younger Member Social Hour Friday 31st at
Indigo Joe's**

**Iowa One-Call Round Table Discussion
Volunteers needed**

**UNL ASCE Showcase 2006 - Tour the UNL Civil
Engineering Department**

ASCE Seminars Coming to the Area

Deadline for articles to be published in the
April Newsletter will be Friday, April 3rd.
Email articles to Aaron Grote at
editor@neasce.org

The Environmental Group Presents:

"Environmental Permitting for Ethanol Plants"
Thursday, March 16th

Featuring: **Jim Pavlik, P.E.**
Environmental Project Manager
HDR, Omaha

Jim Pavlik is a project manager and environmental engineer in HDR's Omaha office. As project manager, he has worked with a variety of clients and industries, including extensive involvement in the corn processing and ethanol production industry. The variety of experiences within the ethanol industry has enabled him to serve and anticipate the unique needs of these plants.

The development of ethanol plants is currently one of the most active areas of economic development in Nebraska and the Midwest. Amongst the many aspects of these projects that must be addressed by project teams, such as financing, design, and market development, one aspect that is critical to maintaining schedule and must be considered with all other aspects of the project is the environmental permitting. Jim will provide an overview of the various environmental approvals necessary before an ethanol plant can begin construction and operations.

Location: Spaghetti Works
228 N. 12th Street, Lincoln

Times:	Social Hour	6:00
	Dinner/Announcements	6:30
	Presentation	7:15

Menu: Spaghetti with choices of Sauces and
Garlic/Sourdough Bread

Spouses and guests welcome
\$13 with a meal; \$10 without a meal.
RSVP by 12 PM Monday, March 13 th
TO DEB 402.330.2202 OR
VP@NEASCE.ORG SUBJECT LINE: ASCE RSVP

*Prices include tax and gratuity.
Portions of the proceeds will go towards hosting our speaker.*

From the President

- Steve Kathol, P.E., S.E.



Steve Kathol, P.E., S.E.
NE-ASCE President

Greeting's ASCE Nebraska Section members!

Thank you to John Christiansen and the Geotechnical Group for hosting the February meeting in Omaha. The meeting, held at Caniglia's Venice Inn, was another great success. Dr. Fred Kulhawy, Professor of Civil/Geotechnical Engineering at Cornell University, gave a very unique and interesting presentation on a view of civil engineering as portrayed in postage stamps. Dr. Kulhawy is an avid collector of postage stamps and an enthusiastic proponent of the engineering profession. These two passions in Dr. Kulhawy's life united into a very entertaining, informative and fascinating presentation.

Another successful E-Week was celebrated February 19th through the 25th. I hope everyone read the E-Week Supplement in the Omaha World Herald and saw the ASCE- Nebraska Section advertisement. The Balsa Wood Truss Bustin' Competition was held at Westroads Mall on Saturday, February 25th, with over 100 trusses entered in the competition. A very special thank you goes to Bruce Harris for organizing and directing this event. This is Bruce's 18th year of leading the competition- Wow! Bruce is a very dedicated ASCE member who is committed to giving back to society and the engineering profession. The Nebraska Section is indebted to Bruce for his commitment and dedication to working with high school students through this competition. Thank you Bruce!

The Geotechnical Conference was held on February 17th, and was another well attended event with an impressive panel of speakers. Of course, Mother Nature handed us the annual "geotechnical conference snowstorm" the day before the event, but it did not deter the conference attendees. Thank you to John Christiansen, Ed Prost and the other Geotechnical Conference Committee members for organizing another successful ASCE conference.

The March meeting, hosted by the Environmental Group, will be in Lincoln at Spaghetti Works. Jim Pavlik, P.E., Project Manager and Environmental Engineer with HDR, will discuss environmental permitting for ethanol plants. I hope to see you all there.

Steve D. Kathol, P.E., S.E.

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Steve Kathol, P.E., S.E.
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(V) 402.493.4800, (F) 402.439.7951
president@neasce.org

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director2@neasce.org

Webmaster / Younger Member Chair

Marie Maly, P.E.
The Schemmer Associates, Inc.
(V) 402.493.4800, (F) 402.493.7951
webmaster@neasce.org

Newsletter Editor

Aaron Grote, E.I.
Lamp Rynearson and Associates
(V) 402.496.2498, (F) 402.496.2730
editor@neasce.org

Zone III Leadership Conference

(Workshop for Section and Branch Leaders, Younger Member Council, and Workshop for Student Chapter Leaders)

From Friday, February 17, to Sunday, February 19, around 400 people attended ASCE's Zone III Leadership Conference in Houston, Texas. The Nebraska Section was represented at the Workshop for Section and Branch Leaders (WSBL) by Tom Marnik (President Elect) and Aaron Buettner (Construction Chair) and at the Younger Member Council (YMC) by Marie Maly (Younger Member Chair and Webmaster). UNL students Andrew Schellpeper and John Smith represented their chapter at the Workshop for Student Chapter Leaders. Most of the Nebraska contingent and a few ASCE friends began their conference early with some "local flavor" (as Tom calls it) at a popular BBQ restaurant. Sessions officially began mid-afternoon with a welcome and greetings from Dennis Martenson (President) and Pat Natale (Executive Director). Three student chapter groups helped out by acting out scenarios for an interactive session on engineering ethics, which was followed by an introduction into ASCE's strategic planning process, which is currently underway. The participants tested (and expanded) their knowledge of ASCE trivia, and finished off the day with a reception.

Saturday found everyone in separate sessions. While the WSBL attendees had breakout sessions on topics ranging from membership recruiting and retention to Policy Statement 465, the YMC discussed professionalism, motivation and delegation, and a variety of other topics (like career vs. family life, public speaking, and starting your own business) at roundtables. At the President's Lunch, Dennis Martenson spoke about his goals for ASCE, the tables brainstormed concerns for the strategic planning effort, and Zone III and National Awards were presented. The Nebraska Section was recognized with the (National) Outstanding Web Site Award in the small section category. After a few more separate sessions, the conference attendees split into Districts for the final activity of the day. As usual, District 16 (our district) was well represented with great ideas. Younger Members and Students were treated to an evening with free game cards at Jillian's (think Dave & Busters) by one of the

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sponsoring engineering firms. Some of the YMs opted to continue the fun and dance the night away at Wild West.

Sunday morning began with an Order of the Engineer induction ceremony and a presentation on membership. President Martenson, President-Elect Bill Marcuson, and Executive Director Natale were joined by Smokey Joe, the newly acquired Zone III mascot (a rather large stuffed dragon is apparently what you wind up with a few hours after sending YMs and Students to an arcade), for Sunday Morning Live, an open-mic Q&A session. After a quick summary of Saturday's strategic planning brainstorming, the conference wrapped up.

It was a great weekend that included U-Turn lanes, an opportunity to meet new people and catch up with old friends, and a chance to get reinvigorated with enthusiasm for ASCE! ...And even though they didn't have "typical" February weather in Houston (it was only around 40°), it felt like a heat wave compared to the single digit temperatures we left in



What: Younger Member Social / Networking

Where: Indigo Joe's – a smoke-free, family-friendly, sports-themed pub and restaurant

7425 Dodge St (across from Crossroads near Stereo West and Pier One)

When: Friday, March 31, 2006 around 5 pm

Why: To meet other YMs, wind down after work, talk to people whose eyes don't glaze over when you say "I'm an engineer," and eat free food – the Younger Member Group will be buying munchies. Spouses, friends, co-workers, and the young at heart are also welcome!

Questions? Contact Marie Maly at yng@neasce.org

Iowa One-Call Round Table Discussion

Recently, the Iowa One Call System teamed with the Iowa Section of ASCE to plan a forum to advance their efforts in conflict avoidance and damage prevention earlier in project development. Iowa One Call hopes to become more “engineer friendly,” so the Iowa Section will be hosting round table discussions to get input from engineers, contractors, and utility company representatives. Forums are tentatively scheduled in Eastern Iowa during March and Central Iowa during April. The Iowa Section has asked the Nebraska Section Younger Member Group to assist in hosting a third round table in Western Iowa during May. Facilitator opening remarks and handouts will be provided by Iowa One Call, but the host responsibilities include finding a venue, advertising the event, and providing refreshments. The Younger Members would like to offer the opportunity to help plan this event to **any** member of the Nebraska Section. If you are interested in helping, please contact Marie Maly at ymg@neasce.com. Your help will be greatly appreciated, as the event cannot take place without volunteers!

2006 Architectural Engineering National Conference

The Architectural Engineering Institute would like to remind all ASCE members that our conference is fast approaching. Located in Omaha, Nebraska this year’s conference will be comprised of over 70 papers, 6 free workshops in which participants can earn up to 18 Professional Development Hours, and tours of the Holland Performing Arts Center and the Peter Kiewit Institute.

For more information and to book your stay in Omaha please visit the conference website at: <http://www.asce.org/conferences/aei06/>.

UNL showcase 2006

Hosted By: UNL student chapter of ASCE

Description:

On March 21, from 6:30pm – 8:00pm, the UNL student chapter of ASCE will be having an open house in Nebraska Hall room W347 on the University of Nebraska-Lincoln campus. That night we will be taking tours of the facilities, having a presentation about ASCE’s past and present successes as well as plans for the future. You will get a sneak peak of this year’s concrete canoe and steel bridge. We would love for you to join us, just RSVP by **March 14th** to asce_unl@hotmail.com.

Seminars Coming to the Area

In our continuing effort to enhance communications between ASCE’s Sections, Branches and ASCE National, Geographic Services is pleased to advise you of the following seminars scheduled in your geographic area from April through June 2006:

April 6-7, 2006 Kansas City, MO
Design and Strengthening of Shallow Foundations for Conventional and Pre-Engineered Buildings

April 6-7, 2006 St. Louis, MO
NPDES Stormwater Permit Compliance

May 3-4, 2006 Kansas City, MO
Finite Elements

May 4-5, 2006 Denver, CO
Designing Durable Concrete Structures ~New!

May 18-19, 2006 Denver, CO
Earth Retaining Structures, Selection, Design, Construction and Inspection

May 25-26, 2006 Kansas City, MO
Comprehensive Site Design Workshop

Detailed descriptions of the seminars (by title) are available on ASCE’s website at www.asce.org/conted/seminars.

If you have questions or need assistance, please contact Kelly Jarvis, Continuing Education Registrar at kjarvis@asce.org, or Michael Cook, Manager, Geographic Services at mcook@asce.org.



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February Meeting Hosted by the Geotechnical Group

Thanks to John Christiansen for hosting the February Meeting. Dr. Fred Kulhawy gave an excellent presentation on Civil Engineering as portrayed in Postage Stamps. The names listed below can considered official documentation of attendances at the February meeting worth 1 PDH credit.

- | | |
|-------------------|-----------------|
| Steve Bottum | Heidi Kramer |
| Brad Chambers | Fred Kulhaup |
| John Christiansen | Lindsay Madsen |
| Joe Harris | Tom Marnik |
| Brian Havens | Mike McIntosh |
| Dave Haulth | Han Ponnaboyina |
| Jeff Hill | Ed Prost |
| John Hill | Lyle Simonton |
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