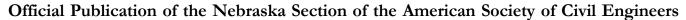
The Nebraska

Civil

Engineer



The Construction Group Presents:

"Husker Championship Facility" Thursday, October 20th

Featuring: Boyd Epley

Associate Athletic Director University of Nebraska

Boyd Epley became the first paid collegiate strength coach in 1969 and his programs impacted millions of athletes. He worked behind the scenes with a mission to move performance to a new level, never satisfied, always focused, and always looking for new innovation and research. He created a profession for strength and conditioning coaches and has proven to be a man of vision creating lifting equipment never seen before to help athletes train. He has been recognized as one of the most influential men in the history of college football. His peers refer to him as the "Godfather". He dedicated a 34 year strength coaching career to creating a path for athletes to improve performance.

Epley is now in his third year as Associate Athletic Director and oversees the design and construction of all athletic facilities, event set-up, maintenance, displays, vehicles, and security. In 2004 he was named the National Associate Athletic Director of the Year by the All-American Football Foundation.

Location: Imperial Palace

701 North 27th Street, Lincoln

Times: Social Hour 5:30

Dinner/Announcements 6:30 Presentation 7:30

Menu: Five choices of family style

Chinese Food

Spouses and guests welcome \$15 price includes a meal. RSvP by 12 PM Monday, October 17 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.

Calendar of Events:

October:

22 - Construction Group Meeting, Imperial Palace, Lincoln

November:

16 - Management Meeting, Johnny's Italian Steakhouse, Omaha

Leaders Needed

The Nebraska Section of ASCE needs members to fill positions within the organization.

ASCE currently has openings for the following positions:

* Truss Bustin' Competition Committee

* Future City Competition

It is important to fill these positions soon. Please contact Steve Kathol with questions and inquires.

Highlights of this Issue:

Deep Foundations Institute 2005 Distinguished Service Award & Outstanding Project Award

Nominations for Young Government Civil Engineer of the Year Award

Deadline for articles to be published in the November Newsletter will be Friday, November 4th. Email articles to Aaron Grote at editor@neasce.org

From the President

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

Hello ASCE Nebraska Section members! We had another great meeting in September hosted by the Structural Committee. It was a joint meeting with the Structural Engineers Association of Nebraska (SEAON). The meeting was well attended by both ASCE and SEAON members. Mr. Norm Scott gave us a very interesting presentation on "Structural Engineering Responsibility Issues". He discussed the



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

do's and don't's of professional structural engineering practice. The annual Structural Conference was also another great success, attracting a couple hundred engineers. This was the 25th year for the Structural Conference-wow! Kudos to the structural conference committee for planning another successful conference. Mr. Maher Tadros and Mr. Mike Baumert, founding members of the structural conference committee, deserve special thanks for 25 years of leadership and service on this committee.

The October meeting, hosted by the Construction Group, promises to be a very interesting meeting. Mr. Boyd Eppley, Associate Athletic Director at UNL, will be our guest speaker and will discuss the Husker Championship Facility (Field House and Stadium Addition). I hope to see you there!

A couple of our Nebraska Section members have stepped up to fill open Board positions. Pat Engelbert with HDR Engineering is the new Fundraising Committee Chair. Reed Schwartzkopf with NDOR has volunteered to serve on the Future City Competition Committee. Thanks for volunteering gentlemen! The Nebraska Section is still in need of more volunteers to join the Truss Bustin' Competition Committee and serve as mentors for the Future City Competition. It takes only a small time investment to serve on one of these committees and the benefit to the Nebraska Section, the community and yourself is tremendous. I encourage you to get involved. If you are interested in serving on one of these committees, please contact me.

Finally, good luck to all Civil Engineers taking the Principles and Practice Exam (PE) on October 28th, and to all students taking the Fundamentals of Engineering Exam (EI) the following day. This is a very important milestone in your careers. I hope you all do well.

Steve D. Kathol, P.E., S.E. President, ASCE-Nebraska Section

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DFI 2005 OUTSTANDING PROJECT **AWARD**

The Deep Foundations Institute is pleased to announce that two projects, one for a domestic project and one for an international project, will be awarded the 2005 Outstanding Project Award. Massman Construction Company will receive the award for their \$106 million Olmsted Approach Walls project on the Ohio River and Arup will receive the other 2005 award for their £85 million Moor House Redevelopment project in London, England.

Both awards will be presented to company representatives on September 23, 2005 at the Awards Banquet of DFI's 30th Annual Conference on Deep Foundations in Chicago, Illinois, USA. Team recognition awards will also be given to the U.S. Army Corps of Engineers, Louisville District, Olmsted Resident Office for the Olmstead Approach Walls project and Skanska Cementation London, foundation contractor; Skanska Construction UK Ltd., shaft contractor; and WJ Groundwater Ltd., dewatering contractor, all for their work on the foundations for the Moor House Redevelopment project.

The Olmsted Approach Walls project completed by Massman Construction Company, Kansas City, MO was the first phase of a Corps of Engineers locks and dam facility at Mile 964 on the Ohio River. The project was unique in that it overcame numerous design, logistical, construction and transport related issues as twenty-seven out of the thirtyseven ten foot diameter shafts were redesigned due to subsurface conditions. The shafts, typically 150' in length, were installed under open river conditions to support the nose piers and fixed approach wall. A 100-ton, two-level pile template supported on eight 6-foot diameter spuds that would not deflect under the river current more than 1/16th of an inch was designed, fabricated and installed. This allowed the four permanent drilled shafts to be installed within 1-1/2" of their plan location, less than half of the 4-inch specified tolerance. They were founded 100' below the riverbed in soil formations varying by location from soil-like to rock-like in nature. The reinforced concrete shafts were designed with full-length stay-in-place steel shell casings up to 2-1/8" wall thickness and weighing as much as 130 tons. This was done to achieve the required flexural strength for the structures.

Arup's Moor House Redevelopment Project is a new 19-story, 302,000 square foot office and retail building in the City of London. In addition to a two-level basement extending to 30 feet below ground level, the building incorporates an underground commuter rail service - Crossrail. In order to meet the challenge of integrating the Crossrail, Arup successfully designed and constructed a 27 foot diameter, 130 foot deep temporary lining for the Crossrail draught relief shaft below the basement of the building. They also utilized the longest base grouted piles in central London and adapted traditional piling techniques to increase their load carrying capacity. Frictionless sleeves were used on the upper section of the piles where significant ground movement was anticipated. Extensive pre-contract testing was performed to prove the design. The variety of innovative design and construction techniques adopted make this project truly wor-

IE-ASCE News

thy of the Outstanding Project Award.

These projects were chosen from the over 20 projects submitted and judged based on the following criteria: ingenuity of design, ingenuity of construction technique, how the design met the owner's needs and how the design or technique solved geotechnical conditions.

DFI 2005 DISTINGUISHED SERVICE AWARD

The Deep Foundations Institute is pleased to announce John E. O'Malley, President of Case Foundation Company, Roselle, IL and chairman of its subsidiary Case Atlantic Company as the 2005 Distinguished Service Award Honoree. Through this award DFI annually recognizes leaders in the deep foundation design and construction industry for their lifetime contributions to the profession. The Award will be presented to Mr. O'Malley on September 23rd, 2005 at the Awards Banquet of DFI's Annual Conference on Deep Foundations in Chicago, Illinois, USA for his leadership in the industry.

Mr. O'Malley has worked continuously for Case companies for more than fifty years. During his attendance at Loyola University where he received his B.S.C. in Economics, John began his rise through the ranks at Case beginning as a laborer and then advancing to Labor Foreman, Estimator, Project Manager, Vice President and finally President. He has held his current position for over twenty years and it is due to his strong leadership that Case Foundation Company has become the widely respected and successful full-service deep foundation specialist company that it is today. John has overseen the completion of well-known projects such as Sears Tower, McCormick Place Expansion in Chicago, the Secaucus Transfer Station in New Jersey, Crystal River Power Plant in Florida, the Cross Generating Plant in South Carolina, the Trump International Hotel and Tower in Chicago (currently under construction) and the River East Center in Chicago which was the recipient of DFI's 2002 Outstanding Project Award due to its impressive application of foundation construction techniques in a huge top/down construction project. Today, John continues to oversee the operations and development of projects with annual revenues of \$60-\$80 million. He is currently a member of the ADSC: International Association

of Foundation Drilling, AGC: Associated General Contractors and DFI: Deep Foundations Institute. He served as chairman of the organizing committee for DFI's 16th Annual Conference in 1991 and was a representative to the Deep Foundations Industry Roundtable. He also served on the DFI Board of Trustees from 1992-1998.

October Nebraska Civil

NE-ASCE News

NOMINATIONS BEING ACCEPTED NOW FOR THE 2006 YOUNG GOVERNMENT CIVIL ENGINEER OF THE YEAR AWARD

For Demonstrated Leadership Potential in and for Significant Contributions to Public Service Engineering

This Award is presented annually to a distinguished young civil engineer employed in the public sector. The National Award Winner will receive a plaque at a session to be determined at the 2006 ASCE Annual Conference.

Other outstanding nominees may be recognized with Certificates of Commendations. Certificates of Commendation will be presented at the Younger Member Leadership Symposium at the 2006 ASCE Annual Conference.

Nominees must be a member of ASCE, age thirty-five years or less on December 31, 2005, an engineer of recognized leadership potential, employed full-time in the public sector for a minimum of five (5) years as of December 31, 2005, and presently employed in the U.S. public sector. E.I.T. certification is required of all candidates.

Engineers who have received a Zone Young Government Civil Engineer Award or a Certificate of Commendation in the past may apply for the National Award provided they meet all criteria. However, they will not be eligible to receive a Certificate of Commendation for the current award year.

Qualifications of the award nominees will be judged on the following:

- X Excellent performance that has demonstrated leadership potential in public sector civil engineering
- X Evidence of high character and professional integrity
- X Civic and humanitarian activities (community service)
- X Outstanding contributions to ASCE

The form can be found on the Committee on Younger Members (CYM) Awards website at http://www.asce.org/pressroom/honors/cym_awrds.cfm.

Completed nomination forms must be returned to ASCE <u>NO LATER THAN FEBRUARY 1, 2006</u> in order to be eligible for the award.

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 October 2005 through December 2005:

October 19-21, 2005 Introduction to the Design & Construction of Tunnels (Geotechnical) St. Louis, MO

November 30- December 2, 2005 Introduction to the Design & Construction of Tunnels (Geotechnical) Denver, CO

These in-depth, practice-oriented programs are produced by ASCE's Continuing Educations Department.

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.

If you'd like to see your project in an upcoming NE-ASCE Newsletter, please send articles and pictures to: editor@neasce.org

Spotlights will be 1-2 pages as space permits. Companies supporting the NE-ASCE Newsletter will be given precedence, but any company with ASCE members may participate.

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September Meeting Hosted by the Structural Group

The names listed below can be considered official documentation of attendances at the September meeting worth 1 PDH credit.

Dave Anderson Loras Klostermann Mike Baumant Rich Kotan Steve Bottum Heidi Kramer Helen Bottum Garv Krause Aaron Buettner Jason Krohn Brad Chambers Tony Lamanna Nate Dickerson Jason Lien Jennifer Dimig Huajie Ltu Kipp Dimig Lindsay Madsen Kyle Duitsman Tom Marnik Ed Erdopraus Jeremy Martin **Rrett Gerhart** Lynn Mayhen Scott Gilliland Mike McIntosh Aaron Grote Ray Moore Bruce Harris Mike Naccarato Dan Hatly Rvan Paradis Brain Havens Bill Quackenbush John Hill Lou Sbezyk

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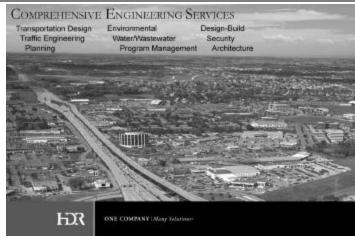
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