

EVENT CALENDAR:

September

15th -Structural Group Meeting

16th -2011 ASCE/SEAON Annual Structural Conference

ISSUE HIGHLIGHTS:

September Meeting Information

From The President

NEASCE Annual Banquet

ASCE Young Engineer Award

Region 7 Continuing Education Seminars and Workshops

ASCE/SEAON Structural Conference

Message from Tracy Withrow on the "Failure to Act" Report

September Meeting

September 2011

The Structural Technical Group Presents:

"Whistle Blowing – When Must You and How"
Thursday, September 15th

Featuring: Max Porter, PhD, PE

Max Porter is "University Professor Emeritus" from Iowa State University, and currently is performing Structural Engineering services under the firm of Porter Engineering, LLC, and is very active in many national professional engineering activities. Max has served as president for seven organizations and has chaired numerous national professional committees. He was president of the Structural Engineering Institute during the infamous 9/11 events of the World Trade Center and the Pentagon. His professional career includes author or co-author of over 1600 publications, reports, reviews, technical presentations, books, and refereed journal articles. He conducted over 100 research projects on reinforced concrete, masonry, fiber composites, and composite structures.

He has been recognized for his work by receiving 68 awards, including the following: "Distinguished Member" award and Fellow from the American Society of Civil Engineers (ASCE), Fellow of the American Concrete Institute (ACI), Fellow of The Masonry Society (TMS), Diplomate of the American Society of Forensic Engineers, Scalzi Research award from TMS, multiple teaching awards from ISU, and other professional awards from ASCE, TMS, IA Engineering Society, and National Society of Professional Engineers. The Distinguished Member award is the highest by the national organization of ASCE.

Education degrees include BS, MS, and PhD in Civil and Structural Engineering from ISU and special education certifications include Parliamentarian, and Certified Forensic Consultant.

Location: McKenna's Blues Hall
7425 Pacific Street
Omaha, NE 68114

Times: Social Hour 5:30 - 6:30 p.m.
Dinner 6:30 - 7:30 p.m.
Program 7:30 p.m.

Menu: Smoked Brisket
Roasted Chicken
Smoked Pork Loin

Price: \$15 per Person (including tax and gratuity)
\$10 without meal

Please pay at the door by check or cash only. A receipt will be given upon request.

Sign-up at: www.neasce.org/meal_signup/

RSVP by noon on Tuesday, September 13th

Deadline for articles to be published in the October newsletter will be September 30th. Email articles to Greg Seib at editor@neasce.org

From the President

- Daren Donda, P.E., M.ASCE

As the days get cooler we approach the fall season and an exciting time for the Nebraska Section of ASCE. Our first technical meeting will be hosted by the Structural group. Max Porter, PhD, of Porter Engineering will be presenting on the topic whistle blowing. This is sure to be a topic that may incite some discussion.

In October we will be returning to TD Ameritrade's new headquarters and for anyone who was on the construction tour last fall you will really get the chance to see the progress that has been made over the past year.

As engineers we have been challenged with the Missouri River flooding this past summer and for some the work of repair and rebuilding is just beginning. The flooding once again reminds us just how much we can contribute to protect homes, property and business but yet again the protection is only as good and the design and how it was installed. I think we can all take a step back when we compare this year in history and learn from what we have created. One of the things that definitely comes to mind is to be more involved in Public policy and be more of the solution verses just observing the process. The public will definitely be looking to the CORPS of Engineers for answers on why the flooding occurred and as fellow Civil Engineers we need to assist where ever we can to educate our society so assumption made by some small groups do not drag our profession down. A natural disaster is never a good thing but it is a chance to pull together and make our community stronger.

I am excited to see the impact our younger member group will have on the future of the section. Their involvement will be key to getting our new engineers not only involved in ASCE but engaged. There will be significant more involvement between the students at UNO and UNL which will act as a spring board to the profession level of ASCE.

The section board welcomes your input and challenges each of you to be more involved this year through volunteering, attending meetings and or getting involved in the public process.

Keep in mind we have the outreach kits available for community use these are great kits to introduce young people to the marvels of engineering or to challenge an adult group to a team building event. The best thing is the use of these kits is free.

I am honored to serve as your president for the 2011-2012 year.

Sincerely,

-Daren Konda, P.E., M.ASCE

ASCE Annual Banquet

The NEASCE annual banquet was held on May 19, 2011 at the Tip Top Ballroom in Omaha. The attendees of the May meeting are listed below.

John Hill
John Smith
Mike Sklenar
Andres Torres
Aaron Buettner
Heather Torres
Mrs. Tadros

Norman Holly
Daren Konda
Lori Hill
Teresa Konda
Mike Naccarato
Doug Kellner
Mr. Schram

Mrs. Holly
Norma Jean
Dave Rohan
Ticha Rohan
Corey Schram
Joseph Flaxbeard
Mrs. Schram

Lauren Swadener
Russell Swadener
Marie Stamm
Ed Prost
Loras Klostermann
Mr. Tadros

THE PROFESSIONAL'S CHOICE

A Trusted Partner for Projects
Large And Small



Foundation Supportworks by Thrasher has been helping secure and stabilize foundations since 1975. With decades of specific experience designing and installing wall anchors and piling systems and more than 2000 projects completed every year, no team is better qualified to help protect your commercial construction investment. *Call the commercial foundation experts at Foundation Supportworks by Thrasher today.*

- Full-time Engineers On Staff
- Two-time BBB Business Integrity Award Winner
- Helical and Push Piers
- Tiebacks and Wall Anchors
- New Construction and Retrofit
- Retrofit Waterproofing

FOUNDATION SUPPORTWORKS BY THRASHER SINCE 1975™
Call Bill Kirby Today: **402-650-1700**
or toll free **800-827-0702**
fsibythrasher.com

Commercial & Residential Foundation Experts

We make environmental problems go away.

Solving asbestos, lead, mold, and other hazardous materials in facilities since 1986.



AMI ENVIRONMENTAL **402.397.5001**
www.amienvironmental.com



OLSSON ASSOCIATES
www.oaconsulting.com

Working every day to improve the quality of land, air, water, and life through comprehensive design solutions for infrastructure projects.

KIRKHAM MICHAEL

Omaha, NE
402-393-5630

Lincoln, NE
402-477-4240

York, NE
402-362-7117

Est. 1946 | www.kirkham.com

Municipal
Transportation
Water Resources
Environmental
Land Development
GIS
Surveying
Construction Services

IS InfraStructure, LLC
ENGINEERING CONSULTING GROUP

6910 Pacific Street Suite 310
Omaha NE 68106-1046

Ofc: 402.553.0234
Fax: 402.553.0201

Providing Structural Engineering (and related) Solutions

IS Bridges **IS** Buildings **IS** Precast Detailing
IS Construction/Value Engineering **IS** Field Inspection/Observation
IS Information/Technology Solutions & Asset Management Support

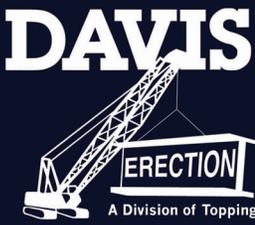
ASCE Young Engineer Award

Congratulations to Nebraska Section member Marie Stamm, P.E., M.ASCE for being selected to receive the Edmund Friedman Young Engineer Award for Professional Achievement. The prize will be presented at the ASCE Annual Conference Leadership Breakfast and Society Awards Presentation in Memphis, Tennessee on October 21, 2011. Additional information is available at <http://www.asce.org/PPLContentWide.aspx?id=12884905099>.



Drake-Williams Steel, Inc.
 STRUCTURAL STEEL
 MISCELLANEOUS STEEL
 CONCRETE REINFORCING
 STEEL SERVICE CENTER

OMAHA – DES MOINES – DENVER
WWW.DWSTEEL.COM



OMAHA
 5910 S 27th St
 Omaha, NE 68107
 (402)731-7484 or
 800-279-1201
MDAIL@DAVISERECTION.COM

LINCOLN
 100 P Street
 Lincoln, NE 68508
 (402)438-5059 or
 800-881-2931
PELLENBERGER@DAVISERECTION.COM

DAVIS ERECTION
 A Division of Topping Out Inc.
MNACCARATO@TOPPING-OUT.COM



Lincoln, NE • 402.479.2200 | Omaha, NE • 402.333.5792

improving
 the surroundings in which you
 live, work and do
 business.

Transportation • Aviation • Rail • Bridges • Geotechnical • Environmental • Municipal • Water Resources •
 Water Treatment • Construction Services • Buildings • Survey • Value Engineering



Omaha, NE [402] 330 2202
 Lincoln, NE [402] 466 3911
 Offices Nationwide terracon.com

Geotechnical • Environmental • Construction Materials • Facilities

NIELSEN-BAUMERT ENGINEERING, INC.
 Structural Engineering Analysis and Design

Michael F. Baumert, P.E., S.E.

9802 Nicholas Street, Suite 105 • Omaha, NE 68114
 Phone: (402) 496-4750 Ext. 11 • Fax: (402) 496-1147
 e-mail: mail@nielsenbaumert.com

ASCE Region 7 Continuing Education Seminars and Workshops

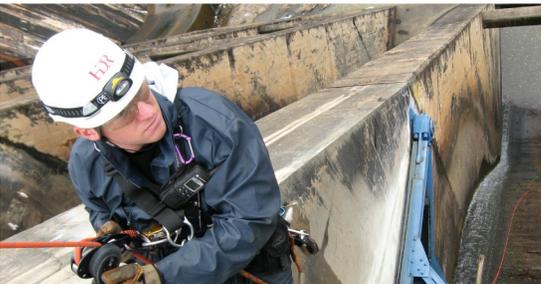
ASCE Geographic Services is pleased to provide you with a list of upcoming Continuing Education seminars and workshops scheduled in your geographic area. These in-depth, practice-oriented programs are produced by ASCE's Continuing Education Department.

The Region 7 schedule, and the complete Winter 2011 – Spring 2012 Continuing Education schedule (as well as the Summer – Fall 2011 schedule) have been placed under the “Links” tab on the ASCE Region 7 website.

TECHNICAL DIVISION	DATE	LOCATION	SEMINAR/WORKSHOP
Hydraulics & Water Resources	October 12-14, 2011	Denver, CO	GIS for Hydraulic and Hydrologic Modeling Using ArcGIS Desktop
Hydraulics & Water Resources	October 27-28, 2011	St. Louis, MO	Introduction to Detention Pond Design – Parking Lots and Urban Drainage
Structural	October 27-28, 2011	Denver, CO	Seismic Loads for Buildings and Other Structures
Structural	November 3-4, 2011	St. Louis, MO	Wind Loads for Buildings and Other Structures
Structural	November 3-4, 2011	Kansas City, MO	Design of Cold Formed Steel Structures The New 2007 Specification
Hydraulics & Water Resources	November 16-18, 2011	St. Louis, MO	HEC-RAS Computer Workshop
Structural	December 14-16, 2011	Denver, CO	Design of Foundations for Dynamic Loads
Structural	January 19-20, 2012	St. Louis, MO	Structural Condition Assessment of Existing Structures
Structural	March 15-16, 2012	Denver, CO	Design of Lateral Force Resisting Systems Using the 2009 International Building Code
Transportation/Highways	March 21-23, 2012	St. Louis, MO	Techniques for Pavement Rehabilitation
Geotechnical	March 29-30, 2012	Denver, CO	Design and Installation of Buried Pipes

COMPLETE

Architecture
 Engineering
 Consulting



- Energy
- Federal
- Water

- Private Land Development
- Resource Management
- Transportation



ONE COMPANY
Many Solutions®

www.hdrinc.com



Providing Consulting Solutions
 3730 S. 149th Street, Suite 107
 Omaha, NE 68144
 p|402.331.2260 f|402.331.2946

WWW.KLEINFELDER.COM
 EMPLOYEE-OWNED WITH GLOBAL CAPABILITIES
 © Kleinfelder 2008. All rights reserved.

2011 ASCE/SEAON Structural Conference

Date: Friday September 16th, 2011

Location: Scott Conference Center
6450 Pine Street, Omaha, NE

Parking in Lot 9 across from the Scott Conference Center is complimentary.

Registration fee is \$150 for NEASCE and SEAON members before September 9, 2011 and \$175 after this date or for non-members. Full-time student fee is \$50.

The fee covers breaks, lunch, and handout materials.

Mail registration to:

Structural Conference
SEAON
P.O. Box 540068
Omaha, NE 68154

Or register online at WWW.SEAON.ORG

7.5 Professional Development Hours will be awarded at the conclusion of the conference.

Tentative Agenda:

Timothy Wei University of Nebraska	Welcome
Max Porter Iowa State University	Reinforced Masonry Engineering Handbook, Sixth Edition
Mike Mota CRSI & ACI Committee 314	Guide to a Simplified Design Method for Small Reinforced Concrete Buildings
Randall Poston Whitlock Dalrymple Poston & Associates	Building Code Requirements for Structural Concrete (ACI 318-11)
Rich Palladino Cellular Concrete Solutions	Foam Concrete
Randall Poston Whitlock Dalrymple Poston & Associates	Building Code Requirements for Structural Concrete (ACI 318-14)
Robert Turton HDR Engineering	Hoover Dam Bypass and the Pat Tillman Memorial Bridge
Mike Muchard Applied Foundation Testing	Base Grouted Drilled Shafts
Pete Vaccaro HDR Architecture	The State of Structural Licensing in Nebraska

Message from Tracy Withrow on the “Failure to Act” Report

I’m Tracy Withrow, and I would like to introduce myself as ASCE’s Manager of State Public Relations.

I have recently replaced Karen Heinold (formerly Albers) who you may have worked with in the past. I’m here to assist you and your Section or Branch with any public relations efforts. This may include producing a local report card, writing a news release, building a media list, coordinating a special activity to celebrate your Section or Branch’s anniversary, and the list goes on!

If you’re not already aware, in July, ASCE released its first-ever report on how the U.S. economy and family budgets will fare if America fails to fund surface transportation improvements. The report, “Failure to Act: The Economic Impact of Current Investment Trends in Surface Transportation Infrastructure,” clearly shows that we are at a fork in the road; it paints a picture of a very different America in the next 10 to 30 years – and it’s not a pretty picture.

If investments in surface transportation aren’t made, families will have a lower standard of living, businesses will be paying more and producing less and our nation will lose ground in a global economy.

However, the report does tell us what we need to do to go from transportation deficient to transportation sufficient. So, what can you urge your members to do? ASCE has many resources and tools to help raise the grades on America’s failing infrastructure.

With as little as five or 10 minutes, you can make a difference.

Encourage your members to:

- Contact their legislator and urge them to support infrastructure investment.
- Join ASCE’s Key Contact Program; it helps make contacting legislators easier.
- Write a brief article with a local angle for the opinion page of their local newspaper – for help with this, tell them to check out a recent letter to the editor published in the Pittsburgh Post-Gazette by ASCE’s Pittsburgh Section in response to the report.
- Post a comment on a news site or blog calling attention to the report’s findings.
- Join ASCE’s online community for updates and inspiration:
 - Learn about infrastructure concerns in their region/state.
 - Check out the blog, Our Failing Infrastructure.
 - Join our “Save America’s Infrastructure” Facebook group.
 - Follow ASCE Government Relations on Twitter.
 - Visit ASCE’s Government Relations YouTube Channel.

Visit here for more information about the report. Also, feel free to contact me for additional resources such as a sample blog post, fact sheet and website resources. I look forward to working with you and your Section or Branch in the future!

Regards,

Tracy Withrow

Manager, State Public Relations

American Society of Civil Engineers

1801 Alexander Bell Dr., Reston, VA 22191

703-295-6326, twithrow@asce.org

Leaving a Legacy of Enduring
Improvements to our Community
Since 1959



**LAMP RYNEARSON
& ASSOCIATES**
ENGINEERS | SURVEYORS | PLANNERS

Nebraska • Colorado • www.LRA-Inc.com

 <p>Thiele Geotech Inc</p>	<i>Building Confidence.</i>
Omaha 402.556.2171 Des Moines 515.986.3013	Geotechnical Material Environmental Engineering
www.thielegeotech.com	

The Nebraska Civil Engineer

c/o Greg Seib

Olsson Associates

1111 Lincoln Mall, Suite 111

Lincoln, Nebraska 68508

Thank you
to the businesses
that support this
newsletter through
their contributions.

*For underwriting information,
contact
Mike Naccarato,
Fundraising
Chair, at
(402)738-6160 or
fundraising@neasce.org*