

**EVENT CALENDAR:**

**December**

20th - Management Group Meeting

**ISSUE HIGHLIGHTS:**

December Meeting

From the President

October Construction Group Meeting Summary

UNO Student Chapter and Younger Member Group Bowling Event

PKI Open House

ASCE 142nd Annual Civil Engineering Conference: Civil Engineering in the New Global Economy

Region 7 Continuing Education Seminars and Workshops

**December Meeting**

December 2012

**The Management Group Presents:**

*Developing employees, roles of managers, what it takes to retain good employees*

Thursday, December 20, 2012

Host: Nebraska Section ASCE, Management Group

Presenter: Ralph Lassiter, Managing Principal at TouchStone Strategic Consultants

Location: Caniglia's Venice Inn  
6920 Pacific Street  
Omaha, NE

Times: 6:00 p.m. Social  
7:00 p.m. Dinner  
7:45 p.m. Meeting and Presentation

Menu: Grilled Salmon Filet  
New York Strip  
Prime Rib  
Eggplant Parmesan  
Baked Lasagna

Price: All meals \$15.00 and include tax and tip. Spouses and guests are welcome. Price is \$10.00 without meal. ASCE Student Members are free.

All persons planning to attend, regardless of price, must register. Please pay at the door by check or cash only. A receipt will be given upon request.

Register online by 1:00 p.m. Wednesday December 19, 2012 at <http://neasce.com/signup/>

Deadline for articles to be published in the January newsletter will be January 2nd. Email articles to Greg Seib at [editor@neasce.org](mailto:editor@neasce.org)

## 2012-2013 NE-ASCE OFFICERS

### President

Shannon DeVivo, A.M.ASCE  
URS Corporation  
(V) 402-952-2585  
shannon.devivo@urs.com

### President-Elect

Mike Sklenar, P.E., M.ASCE  
Nebraska Department of Roads  
(V) 402-479-4844  
president-elect@neasce.org

### Past President

Daren Konda, P.E., M.ASCE  
Thompson, Dreesen & Dorner, Inc.  
(V) 402-330-8860  
dkonda@td2co.com

### Region 7 Assembly Rep.

Andres Torres, P.E., M.ASCE  
Valmont Industries  
(V) 402-359-6158  
region7rep@neasce.org

### Interim Treasurer

Mike Sklenar, P.E., M.ASCE  
Nebraska Department of Roads  
(V) 402-479-4844  
treasurer@neasce.org

### Director

Marie Stamm, P.E., M.ASCE  
The Schemmer Associates, Inc.  
(V) 402-493-4800  
marie.asce@gmail.com

### Director

Tom Strauss, P.E., M.ASCE  
ISG & Associates, Inc.  
(V) 402-201-4109  
director2@neasce.org

## From the President

**-Shannon DeVivo, A.M.ASCE**

I would like to thank all members who attended the final NE ASCE construction tour of the TD Ameritrade facility as part of the October Construction Meeting. This tour highlighted the LEED Functionality of the facility, including water storage tanks to collect rainwater for use in toilets, the use of sustainable materials throughout the construction of the facility, and the wiring necessary to reduce energy waste throughout the building. The facility is expected to be completed and occupied in 2013.

Sustainability is becoming increasingly important throughout all aspect of engineering. For 2013, I ask all members to resolve to improve your focus on how to incorporate sustainable practices not only in your professional practice, but in your personal life as well.

Another important area of focus for engineers in the upcoming years will be on how to reduce the impacts of superstorms and hurricanes on major metropolitan areas. The destruction caused by Hurricane Sandy has resurrected the need to develop ways to increase infrastructure stability and prevent storm surges from reaching highly populated areas. Engineers should continue to lead the efforts for developing innovative ways of improving global infrastructure.

As a reminder, engineers with last names beginning with L through Z need to renew their license by December 31.

To those who are not able to attend our December meeting, I wish you all very happy holidays, and hope to see you again in 2013!

Shannon DeVivo, A.M. ASCE

## October Construction Group Meeting Summary

The Nebraska Section's Construction Technical Group hosted a tour of the TD Ameritrade HOTC Building on October 25, 2012. Del Reibold, Construction Manager TD Ameritrade and Kiewit Building Group guided the tour.

The list below can be considered official documentation of attendance at the October 25, 2012 meeting worth 1 PDH credit.

Daren Konda  
Patricia Rohan  
Alexa Bledsoe  
Caleb Beasley  
Steven Bottum  
Andrew Koster

Charlie Riggs  
Harvey Funk  
Bethany Holloway  
Mike McIntosh  
Marie Stamm  
Kip Squire

Ed Thiele  
Mike Sklenar  
John Kottmann  
Shannon DeVivo  
Luke Summers

Brian Lodes  
Doug Kellner  
Jeremy Steenhoek  
Helen Bottum  
Art Beccard

## UNO Student Chapter and Younger Member Group Bowling Event

On October 4th, the Younger Members Group (YMG) joined efforts with the UNO Student Chapter to host a bowling event at West Lanes in Omaha. In total, 16 students and 3 younger members participated in this fun and social event. The YMG would like to thank the UNO Student Chapter for allowing us to participate in this fun activity. The Younger Members Group will be having its Annual Toy Drive in Friday, December 14th. Additional information and details will be sent in the near future. Save the date and hope you can join us in this event.



*2012 Bowling Event with UNO Student Chapter and Younger Member Group*

## PKI Open House

Volunteers with the Nebraska Section of ASCE participated in the Peter Kiewit Institute (PKI) fall open house on October 28th. PKI, which houses academic programs for the UNL College of Engineering, uses these open houses to allow high school students and their parents to tour PKI's state of the art facilities, participate in activities; and visit with UNO students, faculty and advisors.

To communicate information and opportunities in civil engineering to prospective students, a Nebraska Section booth was staffed by both ASCE volunteers and UNO Civil Engineering students. Bags containing a presentation folder with two brochures ("It's Your Life, Your World" and "What is a Civil Engineer?"), along with an ASCE pen and post-it notes, were distributed to interested students. Displays such as the ASCE Bridge Kit, a balsa wood truss bridge, paving core samples, and the ASCE displays were used to demonstrate different areas of civil engineering.

ASCE also facilitated three "Building Bridges with ASCE" activity sessions. In each session, an overview of the multiple fields within civil engineering was presented. Useful high school courses for students interested in engineering were mentioned, along with the typical college level courses. A brief video from the PBS' *Building Big* series was shown to give students an idea of the scale of the projects civil engineers work on. Following this presentation, the students (and parents!) participated in an activity which required the construction of a bridge made of a single sheet of paper and five paper clips. These bridges spanned eight inches and were loaded with pennies until failure. With innovative and original designs, many students' bridges held more than the 100 penny goal; the winning bridge held 270 pennies! Nine USB flash drives were given to the top three students in each session. In addition, participation certificates were given to all the students participating in this activity.

Overall, the Nebraska Section's involvement in the PKI Fall Open House was a success. It is continually important to provide students information on the many opportunities within engineering. Be sure to check the Nebraska Section website for ways you can volunteer in the future.

-Article by John Smith (Co-Chair Transportation Technical Group)



PKI Open House



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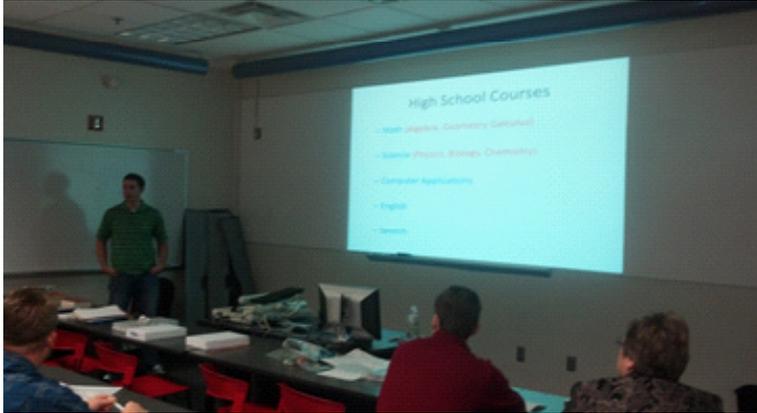
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# PKI Open House (Continued)



PKI open house presentation



Bridge building activity at the PKI open house

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# ASCE 142nd Annual Civil Engineering Conference: Civil Engineering in the New Global Economy

The 142nd Annual Civil Engineering Conference took place in Montreal, Canada from October 18- 20, 2012. The theme of the conference was "Civil Engineering in the New Global Economy." Various topics were explored throughout the conference, including infrastructure & economic development, development of the civil engineering profession around the globe, mechanisms for financing global infrastructure, risk management in a global level, and global supply chain.

The conference began on October 18th with the opening plenary session. The plenary session started with opening remarks from the 2012 Annual Planning Chair, Gregory Scott, and the 2012 ASCE President, Andrew Herrmann. The program continued with a keynote address given by David Lapin, author of Lead by Greatness.

Following the morning sessions, conference attendees enjoyed the "Celebration of Leaders Luncheon at which eleven members were inducted into the 2012 Class of Distinguished Members. Additional sessions were held in the afternoon, including Competence Redefined in A Global Workplace in which I served as one of the panelists.

On Friday, October 19th, the Society Awards Presentation was held. Awards presented included the Presidents' Medal, the Edmund Friedman Professional Recognition Award, and the Government Civil Engineer of the Year. Later that afternoon, the "Industry Leaders Forum" took place during which Sylvain Gauthier talked about his role as a Project Manager for Cirque Du Soleil and offered insights for successful project management.

The conference concluded on Saturday October 20th with a closing luncheon that covered the renovation of the Bristol Speedway and the invitation for next year's conference to be held in Charlotte, NC.

-Article by Andres Torres (Co-Chair Younger Members Group)



ASCE 142nd Annual Civil Engineering Conference

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# ASCE Region 7 Continuing Education Seminars and Workshops

Geographic Services is proud to announce the Continuing Education Schedule of seminars and workshops for Fall 2012 and Winter 2013 scheduled in your geographic area. These seminars/workshops have been produced by ASCE's Continuing Education Department with your members in mind. This new schedule has been placed under the Links tab on each Region website.

Seminar/Workshop	Date	City / State
GIS for Hydraulic and Hydrologic Modeling Using ArcGIS Desktop	December 12 - 14, 2012	St. Louis, MO
Design of Cold Formed Steel Structures	December 13 - 14, 2012	Denver, CO
Design of Waste Containment Liner and Final Closure Systems	January 17 - 18, 2013	Denver, CO
Managing the Design Process - Keeping on Schedule, within Budget and Selecting the Right Resources	January 24 - 25, 2013	Colorado Springs, CO
Earthquake Induced Ground Motions	February 7 - 8, 2013	St. Louis, MO
HEC-HMS Computer Workshop	February 28 - March 1, 2013	Denver, CO
Pumping Systems Design for Civil Engineers	March 14 - 15, 2013	St. Louis, MO

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# The Nebraska Civil Engineer

c/o Greg Seib  
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contact  
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