April Meeting

The Transportation Technical Group Presents:

Overview of Research at the Nebraska Transportation Center
Thursday, April 5, 2012

Presenter: Elizabeth “Libby” G. Jones, Ph.D., Associate Director, Mid-America Transportation

Meeting is in coordination with the UNO Student Section

Location: Milo Bail Student Center Nebraska Room, UNO
62nd & Dodge
Omaha, NE 68154

Times: Social Hour 5:30 - 6:00 p.m.
Dinner 6:00 - 7:00 p.m.
Presentation 7:00 - 8:00 p.m.

Menu: Buffet with three entree options:
Roast Beef
Chicken Piccata
Vegetarian Pasta

Price: All meals with presentation $15 per person. Spouses and guests are welcome.
ASCE Student Members are free, but must register.

Parking: For more parking information:
http://www.unomaha.edu/parking/visitor.php
Parking is available using the meters in front of the MSBC and in the East Parking Garage (just east of the Caniglia Athletic Field)

Please pay at the door by check or cash only. A receipt will be given upon request.
Sign-up at: http://neasce.com/signup/
RSVP by 4:00 p.m. on Tuesday, April 3rd.

Deadline for articles to be published in the May newsletter will be May 1st. Email articles to Greg Seib at editor@neasce.org
March Environmental Group Meeting

Thanks to the Environmental Group for hosting the March meeting. The list below may be considered official documentation of attendance at the March 22nd, 2012 meeting worth 1 PDH credit.

Aaron Buettner  Amelia Toellner  Daren Konda
Doug Kellner  Greg Seib  John Hill
John Smith  Josh Milleson  Lara Syrocki
Loras Klostermann  Mike Naccarato  Mike Reif
Mike Sklenar  Patricia Rohan  Ted Weidner
Thomas Strauss  Tyler Klusaw

Josh Milleson presenting at the March Meeting
Younger Members Group Tour

On Friday March 9th, 16 younger members and their guests participated in a tour of Lucky Bucket Brewery located in La Vista. The tour provided an opportunity to learn about the different processes involved in brewing and distillation, as well as a glance how this local business has grown drastically in the last couple of years. Following the tour, members stayed to enjoy samples of Lucky Bucket products and unwind from the busy work week with their peers. The Younger Members who attended this event had so much fun that we would like to make this an annual event!

Also, spring is here and that means warm weather and baseball are soon to follow. The YMG will be organizing a get together this spring at an Omaha Stormchasers game at Werner Park. This event will provide a great networking opportunity while you enjoy America’s pastime. Details are still being worked out for this event, so we will send out the particulars in the next few weeks.
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 Spring 2012/Summer 2012 Continuing Education schedule have been placed under the “Links” tab on the ASCE Region 7 website.

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<tr>
<th>DATE</th>
<th>LOCATION</th>
<th>SEMINAR/WORKSHOP</th>
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<tbody>
<tr>
<td>April 19-20, 2012</td>
<td>Denver CO</td>
<td>Earth Retaining Structures Selection, Design, Construction and Inspection:</td>
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<td>Now in an LRFD Design Platform</td>
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<td>May 3-4, 2012</td>
<td>St. Louis, MO</td>
<td>Project Management</td>
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<td>May 10-11, 2012</td>
<td>Denver, CO</td>
<td>Pumping Systems Design for Civil Engineers</td>
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<td>June 7-8, 2012</td>
<td>Denver, CO</td>
<td>Deep Foundations: Design, Construction and Quality Control</td>
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<td>June 14-15, 2012</td>
<td>St. Louis, MO</td>
<td>Structural Design of Residential Buildings Using the 2012 International</td>
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<td>Residential Code ~ Newly Updated</td>
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<td>August 22-24, 2012</td>
<td>Denver, CO</td>
<td>Streambank Stabilization for Restoration and Flood Control</td>
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<td>Sept. 27-28, 2012</td>
<td>Denver, CO</td>
<td>Design Build Contracting</td>
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On March 15th, three younger members (YMs) participated in the College and Career Fair organized by Benson High School. For this event, the YMs set up a booth with the Section’s displays and different promotional material including ASCE pens and Post-It-Notes were available for the students. In addition, a one-page flyer with information about civil engineering was handed to the students. A brochure with curriculum information developed by the College of Engineering at UNO/UNL was also available for those students who were interested in pursuing a degree in civil engineering.

A few students participated in a special engineering challenge that day. The challenge was to build a bridge that holds 100 pennies, using 1 sheet of paper (8.5 X11) and the 5 paper clips. In addition, the paper bridge needed to span 8 in and be supported by books on each side. A few students worked on this challenge and one of them successfully built a bridge that held all 100 pennies (see below picture).

(Article continued on page 6)
Some of the questions that students asked that day include:

- How long do you need to study to become a civil engineer?
- What types of projects are civil engineers involved?
- What does it take to be a civil engineer?
- Do you need to have a license to work as a civil engineer?
- Do you work outside?
- How much money does a civil engineer make?
- What do you like the most about your job in civil engineering?
- What do you like the least about your job as a civil engineer?

This was a very good opportunity for the Younger Members to be active with the community and encourage younger students to get involved and curious in civil engineering. In total 1300 students (Freshman to Seniors) participated in this event.
ASCE/LOCATE Transportation Conference

The 8th Annual ASCE/LOCATE Transportation Conference will be held on Friday April 6, 2012.

Location: The Scott Conference Center is located at 6450 Pine Street in Omaha, Nebraska. Parking in Lot 9 across from the Scott Conference Center is complimentary.

Registration fee is $110 before April 3, 2012 and $135 after this date. The fee covers breaks, lunch, and handout materials. Student, speaker, and planning committee registration is free; however, a completed registration form is required. Register online at: http://NETransCon.eventbrite.com

6.0 Professional Development Hours will be awarded.

Conference Coordinators:
John Smith    Ryan Huff, PE, PTOE
ASCE Nebraska Section  LOCATE Vice President
Transportation Technical Chair  ryan.huff@nebraska.gov
John.Smith@hdrinc.com  402-479-4594
402-399-1007

Tentative Agenda:

Breakfast Keynote
Joseph Werning  SAFETEA-LU Reauthorization Update
Division Administrator,
FHWA Nebraska

Pat Boyle    NDOR's District 3 Flooding of 2011
NDOR

Shane King  Temporary Construction Roundabouts
Olsson Associates

Chris Malmberg  ADA/PROWAG Criteria and Intersection Design
HDR

Break

Jennie Neville  InSync Adaptive Traffic Signal Technology
Rhythm Engineering

(Continued on next page)
ASCE/LOCATE Transportation Conference (continued)

Paul Mullen
MAPA’s Vision
MAPA

Lunch Keynote
I-680 Interchange Rebuild

Mike Mattison
NDOR

Maintenance Decision Support: Challenges and Opportunities

Anuj Sharma
UNL

The Traffic Operations and Safety Impacts of Reducing Speed Limit in the Vicinity of Rural Signalized High-Speed Intersections with Advance Warning Flashers

Break

Will Sharp
HDR

Chicago to Omaha Regional Passenger Rail Planning Study

Todd Pfitzer
City of Omaha

Joe Gudenrath
Omaha Downtown Improvement District Assoc.

Downtown Omaha Parking Study

Nick Weander
MAPA

Plattview Pilot Project

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