March Meeting

Date: Thursday, March 12, 2020

Host: Nebraska Section Environmental Technical Group

Spouses and Guests Welcome

Location: Beacon Hills
6750 Mercy Road
Omaha, NE 68154

Program: “Wetland Mitigation: Options and Issues Through Project Development”

Presenter: Tony Baumert, Olsson

Schedule:

6:00 — 6:30 — Check In
6:30—7:00 — Dinner
7:00—8:00 — Presentation

Menu/Price:

Choice of: Yankee Pot Roast Stroganoff, Turkey Cobb Salad, Tomato Basil Chicken, Salmon Basket

ASCE Members $15.00 with meal or $10.00 without, Guests $20.00
Payable to NEASCE at the door (cash, check, or credit card).

Life Members and Students are FREE….but you must register.

Registration/Deadline: March 6, 2020 HERE.
From the President

Another calendar page has been turned. I hope that everyone enjoyed the extra day that February had this year.

February was filled with quite a few events. Our Geotechnical group was busy hosting four events in two days. All the events were well attended, so thank you to everyone that attended to help make them successful and the people who helped plan the events so everything went according to plan.

The February monthly meeting was one of the four events that were held by the Geotechnical Group. This month’s presentation was about the Riverfront Development. It was a great presentation and an update on what projects are happening right here in the city of Omaha. Once completed, it will completely change the look of our Riverfront.

We ended off E-Week with our annual Truss Bustin’ Event. This year we had 81 submissions! Congratulations to teams from Gross High School for taking 1st, 2nd and 3rd place and Omaha North team coming in at 4th. The recipients will be receiving their awards at the April monthly Meeting.

The March Monthly meeting will be held this year on March 12th and Beacon Hills with the topic highlighting wetland mitigation. We look forward to seeing you there.

As always, feel free to reach out to me at Elizabeth.Vacek@lamprynearson.com with questions, comments, or the chance to get more involved with the Section.

Sincerely,

Elizabeth Vacek

Elizabeth Vacek, President, ASCE Nebraska Section
February Meeting Summary

The February meeting was hosted by the Nebraska Geotechnical group. The meeting included a presentation by Chris Cain on the river-front redevelopment of Gene Leahy Mall, Heartland of America Park, Lewis and Clark Landing and River’s Edge Park. The list below can be considered official documentation of attendance at the annual meeting and presentation worth one (1) PDH credit.

Mostafa Afzalian  Jaifar Al Busaidi  Abdul Al Mazrouai  Yusuf Alhowaidi
Omar Al-Kaseasbeh  Gopala Allam  Eric Anderson  William Arneson
Mojdeh Asadollahapajouh  Hossein Bahmyari  Kristle Beaudet  Binyam Bekele
Andrew Boeckjmann  Dan Brown  Joel Carson  Shannon DeVivo
Harvet Ellis  Daniel Erdman  Jongwan Eun  Yuan Feng
Terence Foster  Carolyn Fritzsch  Amelia Ganze  Brandon Gardels
Paul Gonzales  Nicholas Gura  Tanya Gura  Brian Havens
John Hill  David Hollrah  Amin Hosseini Zadeh  Lizzy Humphus
Hnin Khine  Seunghee Kinsella  Patrick Kinsella  Loras Klostermann
Daren Konda  Bryan Kumm  Jason Langer  Ryan Leigh
Aaron Leopold  Brian Linderman  Garrett Martindale  Stephen Matychuk
Jeff McClenathan  Seyed Mohammadsina Mousavi  Mark Nelson
Silas Nichols  Spencer Olson  Sean Patrick  Ed Prost
Taylor Reinsch  Steven Saye  Ryan Sisk  Mike Sklenar
Dan Snyder  Chung Song  Tim Stark  Thomas Strauss
Elizabeth Vacek  Woodward Vogt  Jingtao Zhang  Lin Zhao
Gary Hahn  Chris Cain  Ed Hall  Abdul Mazroni
Israel Juarez  Joshua Jackson
Upcoming Events and Seminars

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<td>NE ASCE Annual Meeting</td>
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<td>Omaha, NE</td>
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<td>Transportation Conference</td>
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<td>Omaha, NE</td>
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ASCE Continuing Education

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Truss Bustin’ 2020

Truss Bustin’ went well this year with the weather cooperating. The event was held on Saturday, February 22 at the end of E-Week. All the teachers from the participating schools were able to make it and several parents and students came out to see their trusses being tested. Everyone had fun socializing with snacks, pop, water and pizza. The UNO students were also there to give tours to the high school students of the facilities and answer any questions they had about Civil Engineering.

We broke 77 trusses Saturday morning in about an hour and a half. It was a very fast paced event. Not all of the trusses met the dimensions so we took a short break to reconfigure the machine to test the oversized trusses. One truss was too short of a span to fit in the machine so a temporary support was “engineered” so that it could be broken. The top two trusses were from the Gross High teacher but were not eligible to win the prizes. We tested those as well to see how they compared to the others.

Last year several trusses broke at the joints. We added gusset plates this year to help make those stronger. However, the load was applied offset by four inches instead of centered so the top loads were less than they could have been. This year I noticed some trusses were rotating since we don’t have any lateral bracing. I am working on some bracing to help out for next year.

The loads ranged from 3.46 lbs to 169.61 lbs. The weight of the trusses ranged for 9.6g to 82.7g. The winner was only 56.6g.

Thank you to the volunteers that helped out breaking all those trusses and the schools and teachers that make this event such a success.
American Society of Civil Engineers Nebraska Section

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The Nebraska Section of ASCE is an active organization of over 600 members who are diverse in practice & geography. ASCE represents more than 150,000 civil engineers nationwide and is America’s oldest national engineering society.

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

For underwriting information, contact Sarah Ostrander, Newsletter Editor, at 531-365-4629 or sostrander@olsson.com

Deadline for articles to be published in the April newsletter will be March 27. Email articles to Sarah Ostrander at sostrander@olsson.com