October Meeting

Date: Thursday, October 12th, 2017
Host: Nebraska Section Construction Technical Group

Spouses and Guests Welcome

Location:

Site Tour: 150th Street and Capehart Road
Dinner: El' Bees
Springfield, NE 68059
10402 S. 144th Street
Omaha, NE 68138

Program: “Facebook Data Center”

We will tour the Facebook Data Center under construction in Sarpy County. The property consists of 144 acres located at 150th Street and Capehart Road (west of Nebraska Highway 50) in Sarpy County. Buildings One and Two are each planned to be more than 450,000 square feet and connected by a 70,000 square foot administration area. Site work began in late March 2017; the data center is expected to come online in 2020.

Please bring a hard hat, a safety vest, and closed toed shoes. Parking will be in the staging area west of 150th Street.

Presenters: Eric Galley, P.E. (Olsson Associates), Dave Audino (Turner Construction), Danny Horton and Stefan Kasan (Facebook)

Times:
5:30 pm - 7:00 pm  Tour
7:15 pm - 7:30 pm  Registration
7:30 pm - 8:30 pm  Dinner and Meeting

Menu/Price:

Two Tacos with Rice or Beans
Enchilada with Rice or Beans
Burrito with Rice or Beans
Cheeseburger with French Fries

ASCE Members $15.00 with meal, $10.00 without meal, 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: Register HERE

Sign up by 11:30 pm Wednesday, October 11, 2017.
From the President

Happy Football Fall!

Our year is off to a great start. Last month we held our 37th Annual Structural Conference in conjunction with the Structural Engineering Association of Nebraska, with over 300 in attendance. It was a fantastic day and I hope many of you were able to take advantage of this great event from ASCE.

This month our Section meeting is hosted by our Construction Technical Committee and will be taking us on a tour of the new Facebook facility in Sarpy County currently under construction. The facility consists of approximately 970,000 square feet of buildings plus associated site work. Registration is open on our website, www.neasce.org. Join us, but don’t tweet about it. #facebookwouldbejealous

Also in October, the Younger Member Committee is hosting a tailgate party for the Ohio State game on October 14. Meet us in Lincoln for some food, drinks, and bean bags. (Bean bags not for consumption.)

Lastly, for your Halloween needs, we will be selling Norma Jean Mattei (President of ASCE Society) costumes on our website. Check out the website and while you’re there, pick some up for the kids. They are way cooler than Power Rangers or Spider-man.

As always, feel free to reach out to me at mhubel@schemmer.com or at 402-431-6370 with questions, comments, or if you would like to get more involved in the Section.

Sincerely,

Matt Hubel, President, ASCE Nebraska Section
September Meeting Summary

Thursday evening, September 14th the Nebraska Section’s Structural Technical Group hosted a joint dinner meeting in association with the Structural Engineers Association of Nebraska (SEAON) and the Annual Structural Conference at Granite City in Omaha. We socialized before and during the meal to catch up with those attending after the summer break. We enjoyed an excellent meal before the presentation evening given by Derrick Fitton, Director of Structural Operations with Drake-Williams Steel Company in Omaha, Nebraska. Mr. Fitton’s presentation was titled “Efficient Steel Design on Your Project”. We had about 41 in attendance at the meeting.

Mr. Fitton discussed the different ways the project team members can work together throughout the life of a project, to provide the most cost effective and schedule conscious steel solution for a project. He also discussed the following:

- Encouraged us to get the steel fabricator on the project early to increase cost savings incorporated into a project.
- The economic impact of different steel shape selections.
- The economics of steel connection design, including the importance of considering OSHA criteria for the steel erection process.
- The benefits of ordering steel from the mill in order to reduce the number of column splices required in tall buildings and reduce waste.
- The initial costs involved with the structural steel finish which included primer, galvanizing, and architecturally exposed structural steel.
- Drake-Williams is interested in using the structural engineer’s three dimensional building information models even if the fabricator chooses to recreate there own model for detailing purposes, these models are still helpful for estimating and erection planning.

The list below can be considered official documentation of attendance at the September 14th, 2017 meeting and presentation worth one (1) PDH credit.

Shamsa Alsalami  David Anderson  Mike Baumert  Linsey Brown  Bret Budd
Adam Christensen  Camron Collingsworth  Carlos DeOliveria  Jeff Ehler  Andrew Eisenbraun
Dulitha Fredrick  Amelia Ganze  Abby Goranson  Kevin Harders  Christie Hasenkamp
Jason Heinze  John Hill  Lisa Holland  Mark Holland  Matt Hubel
Kyle Kauzlarich  Josh Keithley  Ken Kilzer  Tyler Klusaw  Rich Kotan
Elizabeth Kreher  Mark Mainelli  Nancy Melby  Michael Naccarato  Brett Nickeson
Kristi Nohavec  Taylor Phillips  Taylor Reinsch  Tyler Schmidt  Carey Schroeder
Greg Seib  Chungwook Sim  Mike Skelnar  John Smith  Kip Squire
Marie Stamm  Jeremy Steenhoeck  Adam Steinbach  Jordan Vietz  Paula B Wells
The 37th Annual Structural Conference was held the following day, on Friday, September 15th. The full day conference was hosted at the Scott Conference Center in Omaha, NE. The conference was planned by the Annual Structural Conference Committee and sponsored by the Nebraska Section of the American Society of Civil Engineers (NEASCE), Structural Engineers Association of Nebraska (SEAON), the University of Nebraska, and the Peter Kiewit Institute. The conference was well attended again this year with 301 participants. Conference notes were provided as part of the $175 registration fee ($150 for NEASCE and SEAON members, $50 for full-time students). At registration there was a special offer for the PCI Design Handbook, 8th Edition – (MNL-120-17) at no additional charge for a disk and $125 additional charge for the Hardcover Manual. Because publication was not complete at the time of the conference the PCI Design Handbook will be delivered after publication is complete to those who ordered it at registration.

Save the date for next year’s conference planned for Friday, September 21st.

Please let us know if you would like to be involved in institute technical committees. We can help you get in contact with ASCE’s technical committees.

Join SEI (free with ASCE membership) to enjoy benefits including SEI “Update” e-newsletter with SEI news and opportunities, STRUCTURE magazine, Modern Steel Construction and more. Questions about membership? Contact ASCE Customer Service at member@asce.org, 1 800 548 2723, 703 295 6300.

Invest in the Future of Structural Engineering – Give to the SEI Futures Fund

Reach SEI Members with SEI Sustaining Organization Membership

Join SEI at:

- **Structures Congress** April 19-21, 2018, Ft. Worth, TX
- **Electrical Transmission & Substation Structures Conference** November 4-8, 2018, Atlanta, GA

Graduate Students: O.H. Ammann Research Fellowship in Structural Engineering is due November 1st.

Students: SEI Student Scholarship to attend Structures Congress.

Young Professionals: SEI Young Professional Scholarship to attend Structures Congress.

Please look at the website for more details and opportunities. www.asce.org\SEI
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Lamp Rynearson Official Announcement

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PRESS RELEASE

FOR IMMEDIATE RELEASE
September 1, 2017

Contact:
Michelle Hilding
Sr. Marketing Coordinator
402.496.2498
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Lamp Rynearson Elevates Pridal, Atkins, Wawers to Executive Positions

Four members of Lamp Rynearson’s senior leadership team have taken on new roles. Nancy Pridal, P.E. has been named President of the firm. She has been with Lamp Rynearson for 20 years. Pridal manages large projects for key clients and leads the firm’s strategic planning and organizational development initiatives. As President, Pridal will guide overall company strategy.

Chief Operating Officer Terry Atkins, P.E. will assess and lead corporate operational processes in all office locations. Atkins will lead IT and geomatics while maintaining involvement in Omaha projects. Brett Wawers, P.E. is the firm’s new Chief Financial Officer. Responsible for overall financial management of the firm, Wawer’s role will include increased responsibilities for all Lamp Rynearson offices and continued involvement in Omaha projects. Mike McMeekin, P.E., former President, will become Chairman of the Board of Directors and remain an influential member of the executive team.

Lamp Rynearson is a professional engineering and surveying services firm with headquarters in the greater Omaha area since 1959. The firm has 165 employees, with office locations in Omaha, Nebraska; Kansas City, Missouri; Fort Collins, Colorado; and Lakewood Colorado.

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Lamp Rynearson Official Announcement

Nancy Pridal

Mike McMeekin

Brett Wawers

Terry Atkins

Geo-Structures Confluence

The St. Louis Chapters of the Geo-Institute (GI) and Structural Engineering Institute (SEI), and the Structural Engineers Association of Kansas and Missouri (SEAKM) are proud to host the first annual Geo-Structures Confluence. This full-day, multi-track conference focuses on structural, geotechnical, and geo-environmental topics. The event is open to all. You can find the registration link here.
Upcoming Events and Seminars

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ASCE Continuing Education

ASCE currently holds more than 300 live webinars annually and has available more than 400 on-demand webinars covering a wide variety of technical and management topics. To access these webinars, see the following links below:

ASCE’s live webinars provide cost-effective training for large and small groups. Use Promo Code WEBNEBSEC to secure your preferred rate.

ASCE’s on-demand webinars provide real-world knowledge and convenient delivery to fit your demanding schedule. Use Promo Code WEBNEBSEC to secure your preferred rate.
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 Tyler Schmidt, Fundraising Chair, at 402-553-0234 x120 or tschmidt@is-ecg.com

Deadline for articles to be published in the November newsletter will be October 25. Email articles to Tyler Schmidt at tschmidt@is-ecg.com