

Event Calendar:

- SEI Structural Congress 2019—
April 24-27, 2019

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March Meeting

Date: Thursday, March 21st, 2019

Host: Nebraska Environmental Technical Committee

Spouses and Guests Welcome

Location:

Beacon Hills
6750 Mercy Road
Omaha, NE 68154

Program: "Environmental Risk Management"

Presenter: Patrick Enderlin, Assistant Vice President of Underwriting, Ironshore
Andrew Fereday, Area Senior Vice President, Arthur J. Gallagher & Co.

<i>Times:</i>	11:15 am	Registration and Social Time
	11:30 am	Lunch
	12:00 pm	Meeting / Presentation

Menu/Price:

Yankee Pot Roast Stroganoff

Turkey Cobb Salad

Tomato Basil Chicken

Salmon Basket

ASCE Members \$15.00 with or meal and \$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:

Sign up by midnight Sunday, March 17, 2019 [HERE](#).



Greg Seib, PE, M.ASCE

From the President

Hello, ASCE Nebraska Section! The Geotech Meeting last month featured a presentation from Dr. Chung Song titled Lessons Learned from Hurricane Katrina – With Emphasis on Cost Effective Retrofitting Techniques. As always, the Geotech Meeting and the annual Geo-Omaha Conference in February were successful and well attended. Now the Environmental Meeting is right around the corner on March 21st at Beacon Hills in Omaha.

Thank you to everyone who participated in the survey for the Nebraska Section membership that was open during the month of February. The board will be reviewing the results and will use them to guide us to be able to provide more value and benefit to our members.

Our section was active during E-Week this year. Even after a snow storm postponed the Truss Bustin' competition, the event still had 93 trusses broken at the rescheduled competition. The students participating in the Truss Bustin' competition learned a lot about Civil Engineering from the UNO students and the ASCE volunteers. Thanks to the students, teachers, and volunteers who made the event a success. In addition, ASCE Nebraska was represented at the Engineer's Roundtable banquet on Friday February 15th at the Field Club of Omaha and is kicking off school outreach events to educate younger students about the civil engineering profession.

Sincerely,

Greg Seib, PE, PTOE, M.ASCE

ASCE Nebraska Section President



February Meeting Summary

Thursday evening, February 24th the Nebraska Section's Water Resources Technical Group hosted a meeting. The meeting was held at the Scott Conference Center on the University of Nebraska—Omaha's campus. The list below can be considered official documentation of attendance at the February 7, 2019 meeting and presentation worth one (1) PDH credit.

Gopala Allam	Eric Anderson	Kristle Beaudet	Binyam Bekele	Ryan Berg
Laila Berre	Aaron Buettner	Rob Caho	Bernardo Castellanos	Rick Donovan
Andrew Eisenbraun	Harvest Ellis	Jongwan Eun	Emad Farouz	John France
Brandon Gardels	Eli Green	Ed Hall	Brian Havens	Jason Herr
John Hill	Seunghee Kim	Patrick Kinsella	Loras Klostermann	Tyler Klusaw
Daren Konda	Bryan Kumm	Ryan Leigh	John Linbo	Adam Mace
Garrett Martindale	Paul Mayne	Bruce Miller	Mark Nelson	Silas Nichols
Sean Patrick	Ian Plummer	Patrick Poepsel	Ed Prost	
Elizabeth Railsback	Taylor Reinsch	Tommy Russum	Steven Saye	Greg Seib
Brandon Shipman	Lyle Simonton	Ryan Sisk	Mike Sklenar	Chung Song
Tom Strauss	Kert Thielen	Jordan Vietz	Richard Wood	



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Truss Bustin' Summary

By: Mike Sklenar

Another year of Truss Bustin' went well with an excellent number of participants and spectators. Several teachers, 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.

Mother Nature tried to make it difficult. We had a snow storm on the truss pick-up day. After some slipping and sliding, I got them all picked up. The original Truss Bustin' date was met with another snow storm that closed the UNO campus. Turned out to be a good decision the night before to postpone until another date. The rescheduled date a couple weeks later luckily had the snow turn out to just be rain and the event was on.

We broke 93 trusses Saturday morning in about two hours. An additional three trusses were too short of a span to fit in the machine. There were a few that had gluing violations that disqualified them from winning the prizes. We tested those as well to see how they compared to the others. The ones that were disqualified would not have won anyway. Turns out gluing beams together was not beneficial. Unfortunately we lost one of the trusses.

The loads ranged from "not registering" to 193.184 lbs. The weight of the trusses ranged for 7.4g (that was the one that didn't register) to 128.1g. The winner was only 74.5g. Efficiency was critical to win.

	Truss No.	Name	School	Weight (grams)	Submittal Factor	Geometry Factor	Aesthetics Factor	Load at Failure (lb)	Strength Factor	Overall Score
1st Place	G11	Nolan Lewandowski Dominic Minardi Chaz Bogle	Gross	74.5	1	1	1	193.184	0.88262	0.8826
2nd Place	G1	Tiffani Nguyen Atticus Stansbury Angelique	Gross	47.8	1	1	1	103.715	0.8252	0.8252
3rd Place	G9	Nick Honihan Ben Yanovich	Gross	61.4	1	1	1	141.27	0.82194	0.8219
4th Place	G10	Jimmy Jiang	Gross	45.5	1	1	1	95.98	0.81221	0.8122
5th Place	G13	Preston Greiner	Gross	70.3	1	1	1	148.664	0.73032	0.7303

Thank you to the volunteers that helped out breaking all those trusses and the schools and teachers that make this event such a success. Now it is time to start creating the shape and specs for the design of the trusses for next year.

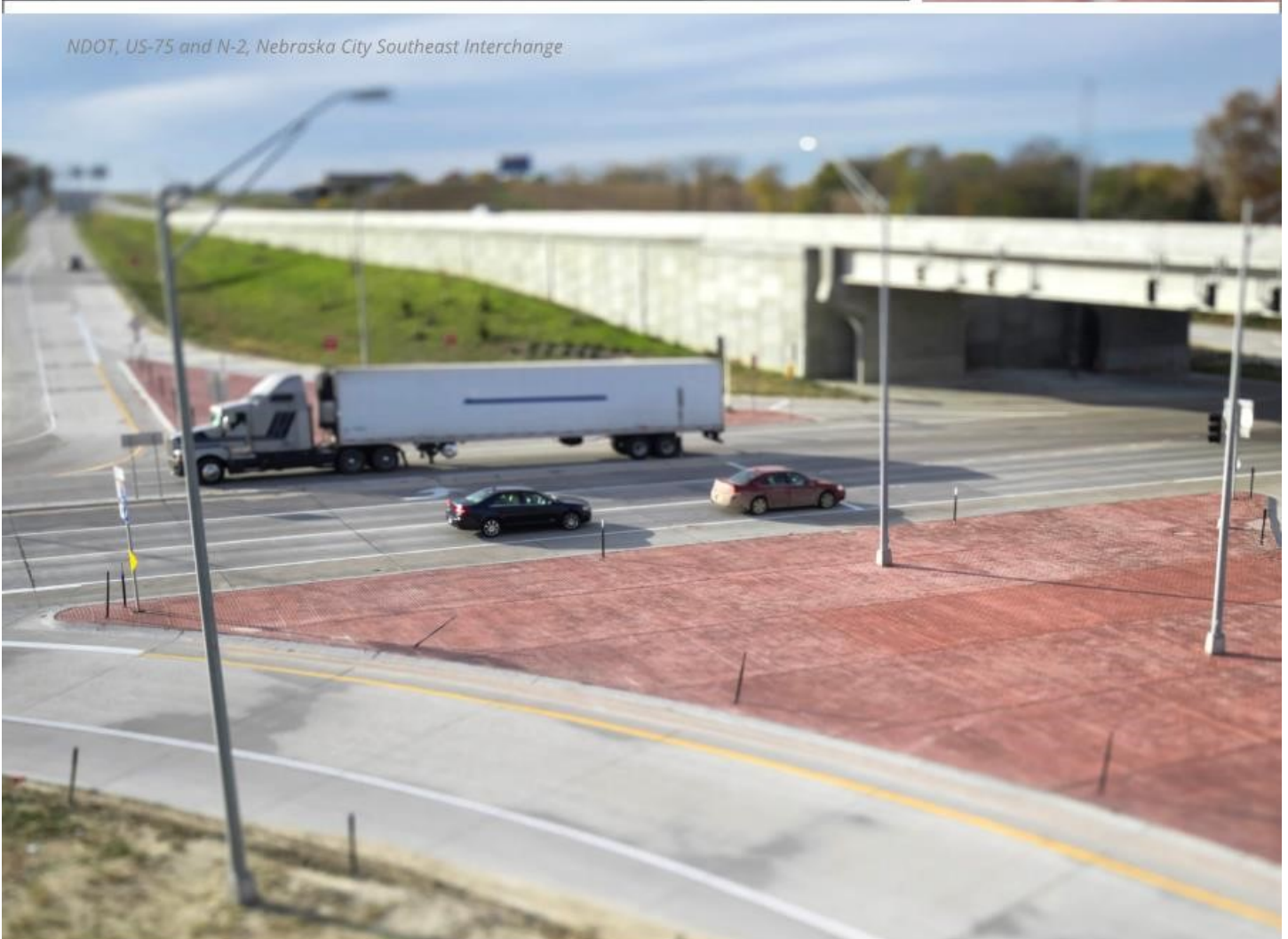




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Upcoming Events and Seminars

Region	Program	Full Dates	City/ State
NA	SEI Structural Congress	April 24-27, 2019	Orlando, FL

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The Nebraska Civil Engineer

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Deadline for articles to be published in the April newsletter will be
April 8. Email articles to Tyler Schmidt at tschmidt@is-ecg.com