

DATE: Tuesday, November 13, 2018

TIME: Breakfast & Registration: 7:00 AM
General Meeting: 7:30 – 8:00 AM
Presentation & Discussion: 8:00 – 9:15 AM

LOCATION: [Marriott Minneapolis West](#) 952-544-4400
9960 Wayzata Blvd.; St. Louis Park, MN 55426
Located north and west of I-394 and Hwy 169

Please RSVP to: David Oxley via email: doxley@acecmn.org or fax to ACEC/MN: 952-593-5552

FORMAT: Breakfast meeting – cost is **\$25 for members**, \$40 for non-members; \$15 for unemployed members and \$10 for Students & those in YMG.

MEETING AGENDA:

I. INTRODUCTIONS – Greg McCool (in for Andrew Agosto)

II. TREASURER’S REPORT / AND ACEC UPDATE – Dave Oxley

- Melissa filled in for Dave
- \$11,600 this time last year
- \$13,900 now but just paid a couple of large bills

III. COMMITTEE UPDATES

A. MNSEA Steering Committee – Greg McCool (in for Andrew Agosto)

- Talked about May Seminar Topic is shaping up to be: “Structural Engineering: Past, Present and Future” with the common thread of technology and how it affects Structural Engineering
- Also discussed Bylaws revisions
- Leo Baran: New director for the National organization created a new position to work with MO’s and committees
 - Part of his onboarding is doing a tour of the MO’s
 - NCSEA organization role is to support the MO’s at the state level (44 MO’s at this point), finding out what the MO’s are doing and how they are doing it.
 - Two people from each firm get access to online resources for NCSEA.
 - Seems that the steering committee works for MN, but different than other states
 - Leo is using BASECAMP to connect leaderships from different states to each other and to National level.
 - NCSEA website

i MNSEER Committee – Douglas Fell

- Active with a lot of interest
- National is still in infancy, about 10% of where it can be
- MN agreed on a logo, can be used for stickers or clothing.
- Can be also used on badges with name, company name, effective time range so can be recognized at the scene.
- Work in progress
- Working on MN SEER brochure
- National Council Structural Engineers Association and International Code Council have combined and created the National Disaster Response Alliance at national level; check it out on MNSEA website
- Also on the website: good training info, how to get on the roster, etc.
- Did not get NCSEA grant but got grant from National SEER.
- Two people from MN will go to the Train-the-Trainers in California.
- ACEC MN presentation on the business side on Dec 12.
- All day seminar for annual Institute for Building officials, Jan 14, part of ICC and NCSEA relationship focusing on Building Officials, raising awareness of what SEER can bring to these disaster situations.
- Looking at Good Samaritan law.

ii MNSEA YMG – Ricky Kirchner

Past events:

- U of M Career fair, Oct 9.
- ICRI-sponsored event, 394/94 interchange, with a MNDOT Engineer and 23 attendees and one U of M student.
- Night of the Sciences (4th year) YMG teamed up with ACEC, won championship

Upcoming events:

- Feed my starving children
- CASE's Andy Rausch - Site Visit presentation, Dec 11
- Doug W. Family Feud
- Presentation about Structural Engineering to U of St. Thomas, end of November
- Andrew Agosto - Touring Brooklyn Park shop
- Training course ICF concrete forms at MCC
- Dec 4, PE Exam information night
- Dodge ball tournament sometime in January
- \$1,750 in the bank.

iii MNSEA Annual Seminar and Trade Show – Greg McCool

- Finding speakers well versed in automation, machine learning and the future of Structural engineering

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IV. LIAISON UPDATES:

A. Summary of 2018 Structural Engineering Summit – Chicago, IL

- A lot of fun
- Good turnout from MN 8 people

B. NCSEA Delegate Update – Doug Woolf

- i Summary of board meeting with NCSEA service director, Leo Baran, from Nov 9

See above

- ii Summary of delegate meetings from the 2018 Summit

- Opportunities to interact with delegates.
- Delegates at the summit are responsible for presenting how things are done at their MO.
- Delegates then relay new information to MNSEA throughout the year.
- Had 2 session. One session was about increasing members engagement, things you can do to improve that aspect.
- In the second session, delegates broke out into 4 different groups to discuss different topics: SE licenses and how to finance the MO's. Will bring it up in a later meeting.

C. NCSEA Code Advisory Committee – Wind Engineering – Doug Woolf

- Code changes: ballasted roof for warehouses. Not allow ballasted roof, because of hurricanes and tornadoes, rocks will become projectiles into structures.

D. NCSEA SE Licensure Committee – Greg McCool & Andrew Agosto

- National Society of Professional Engineers views Enhanced licensure for Structural Engineers as a threat at the national level and state affiliates.
- There are states like Oklahoma passing partial practice act.

E. Resilience & CAC General Requirements Committees – Mustafa Igdelioglu

- Looking at submitting 40 or more codes changes for 2021 Building codes.

V. OLD BUSINESS: None

VI. NEW BUSINESS:

MNSEA Membership Bylaws Revision Vote – Greg McCool

AIA State Convention – Mpls Civic Center 11/13 thru 11/15 – Volunteers Needed

- Manning booth on Thursday.
- Bylaws vote: not enough people present. Maybe vote by email.



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PRESENTATION:

FEATURES, BENEFITS AND DESIGN OF PRE-ENGINEERED CLAMPING SYSTEMS

Terence M Doran
LNA Solutions, Inc.

The presentation will address the features and benefits of utilizing a pre-engineered clamping system to connect structural steel members together without the need to site drill or weld. Also included will be a discussion on how to design and specify these systems as well as a look at the economics of the system. This program would be beneficial to Structural Engineers, Piping Engineers, Project Managers, Lead Designers and Drafters.



The presenter, Terence M Doran is the leading expert in this field and has been promoting the use of clamping systems for over 35 years. He has a Mechanical Engineering background and has been with LNA Solutions for 18 years. Terence has served in several capacities during his tenure at LNA Solutions and is currently General Manager.

LNA Solutions, Inc. is North America's leading steelwork connection company. We are based in Ann Arbor, MI and are a part of the Kee Safety Group with satellite offices across the US. **LNA Solutions** has been servicing the construction industry with pre-engineered clamping systems since 1995.

For further information about LNA Solutions and / or our other products and services, please visit our website at www.lnasolutions.com



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Thank You for Attending the MNSEA Meeting

Tuesday, November 13, 2018

Features, Benefits and Design of Pre-Engineered Clamping Systems
Presented By: Terence M Doran
LNA Solutions, Inc.



To the best of our knowledge, this educational program meets the requirements of the Board of AELSLAGID for continuing education. MNSEA makes no warranty, directly or indirectly, that this program meets the standard established by the Board of AELSLAGID for continuing education.

Continuing Education – 1.0 Professional Development Hour

A handwritten signature in blue ink, appearing to read 'A. Agosto', is written over a horizontal line.

Andrew P. Agosto, President – MNSEA

MNSEA Meeting Receipt

Breakfast Meeting:

- | | | | |
|------------------------|---|---------|--------------------------|
| Student & YMG Cost | = | \$10.00 | <input type="checkbox"/> |
| Member Cost | = | \$25.00 | <input type="checkbox"/> |
| Non Member Cost | = | \$40.00 | <input type="checkbox"/> |
| Unemployed Member Cost | = | \$15.00 | <input type="checkbox"/> |

MNSEA Monthly Meeting - November 13, 2018

Signing in below provides you understand the following antitrust statement:

Discussions during ACEC/MN (incl. MNSEA) meetings should relate solely to the legitimate purposes of the organization. For a more detailed explanation of this statement, please see the ACEC/MN Antitrust Policy.

Student & YMG Cost	\$10.00
Member Cost	\$25.00
Non-Member Cost	\$40.00
Unemployed Member Cost	\$15.00

Note: Membership is by firm - Contact David Oxley for questions about membership. (doxley@acecmn.org)

	Name	Company	Member (y/n)	email (same if it has not changed)	Amount Paid
1.					
2.	LUOC LE	LEO A DALY	Y	SAME	\$25
3.	Dany Wood	OPS AE GROUP	Y	same	\$25
4.	Terry Erickson	Kata Consulting	Y	terrie.katacons.com	\$25
5.	STEPHANIE YOUNG	MMY	Y	SAME	\$25
6.	Melissa Langowski	ACEC			
7.	DEBEE PHILLIPS	SHSE	Y	"	\$25
8.	JOSH HERZOG	HERZOG ENGINEERING	Y	josh@herzogengineering.com	\$25
9.	TOM MACH	HERZOG ENGINEERING	Y	tom@herzogengineering.com	\$25
10.	GREG DUENE	STRUCTURAL DESIGN ASSOC.	Y	SAME	\$25
11.	BRAD BRIMHALL	BRUNN INTERTEC	Y	SAME	\$25
12.	NBEL VOGELN	VOGEL CONSULT.	N	SAME	\$80
13.	Doug Fell	WALKER CONSULTANTS	Y	SAME	\$25
14.	JONN LEWIS	OPS AE GROUP	Y	"	\$25
15.	Richard Kirchner	BKBM Engineers	Y	SAME	\$10
16.	Tanner Swenson	WJE	N - YMG	tswenson@wje.com	\$10
17.	David Hedberg	MMY	Y	same	\$25
18.	ROB CHILSON	MBS	Y	SAME	\$25
19.	WLG & McCool	ERA	Y	SAME	\$25
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