

DATE: Tuesday, December 11, 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.

Minutes by Greg McCool.

MEETING AGENDA:

I. INTRODUCTIONS – Andrew Agosto

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

- About \$13,000 in the bank account; the group is doing well.
- Legislative session starts in just under a month. Randy Morris retires at the end of the month, so ACEC will have a new lobbyist. Dave is optimistic about being able to work with incoming legislative leadership. Legislative agenda: geotechnical exploration fees, P3, gas tax for transportation funding, bonding bill. Dave dreams of a bipartisan utopia this session, but more gridlock is the most likely outcome.

III. COMMITTEE UPDATES

A. MNSEA Steering Committee – Andrew Agosto

i MNSEER Committee – Douglas Fell

- Lots of interest in committee. National meeting happened about a week ago. No meeting in December. Anyone is welcome at meetings; get in touch with Doug for details. A brochure is being developed for January release to inform building officials and other stakeholders about the work of the MNSEER. Two committee members will be receiving CalOES SAP training. Dave is giving the presentation for tomorrow’s ACEC/MN breakfast meeting. Emergency response conference will be in January.

ii MNSEA YMG – Ricky Kirchner

MNSEA Minnesota Structural Engineers Association

- Past events: tour of Uni-Systems shop, NSPE-MN PE info night, Feed My Starving Children, presentation to St. Thomas civil engineering class.
- Upcoming events: “how to perform a site visit” with Andy Rauch tonight, personal finance seminar Thursday, and dodgeball tournament in January.

iii MNSEA/YMG Mentorship – Andrew Agosto

- MNSEA will be developing an informal mentoring network over the next few months. Anyone interested in being a mentor should stay tuned.

iv MNSEA Annual Seminar and Trade Show – Greg McCool

- Planning is in progress. Anyone with ideas or thoughts on the topic should reach out.

IV. LIAISON UPDATES:

A. NCSEA Delegate Update – Doug Woolf

- NCSEA is evaluating its board nomination process.
- SE3 (Structural Engineering Equity and Engagement): MNSEA is trying to start an SE3 committee.
- NCSEA has a web portal that is a great resource.

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

- Postponed until next week.

C. NCSEA Code Advisory Committee – Quality Control/Special Inspections – Andrew Agosto

- Andrew is a corresponding member (barely), but Ron LaMere gave Andrew his notes. The committee is developing recommendations for clarifying structural observations, adding wood provisions, and moving concrete special inspections requirements out of IBC and into ACI.

V. OLD BUSINESS:

MNSEA Membership Bylaws Revision Vote – Greg McCool

- Motion by Greg McCool, second by Bob Chilson. Motion passes unanimously.

VI. NEW BUSINESS:

None.



10201 Wayzata Boulevard, Suite 240, Minnetonka, MN 55305 952/593-5533



A Coalition of the
American Council of Engineering Companies of Minnesota

PRESENTATION:

FIELD TECHNIQUES FOR SOLVING HEAVY STRUCTURAL CHALLENGES

David M Klaseus, SE, PE

In this presentation, erection engineering is considered as the sum of two project lifecycle phases: pre-construction and construction. In the pre-construction phase, significant engineering resources are devoted to developing in-depth procedures that ensure the safe and successful construction of complex structures. As the project enters the construction phase, it is not uncommon to see those comprehensive and painstaking plans relegated to the recycling bin in the interest of field personnel requests, project schedule, and the myriad of other changes typical on large projects, at which time onsite erection engineering serves as the best means of maintaining project success.

This presentation will explore common and unique challenges in the development of erection plans for large and complex structures. Topics such as heavy lift planning, rigging, heavy jacking, and bridge slides will be explored from preliminary design through onsite execution, with emphasis on workwise, field-based solutions.



David M. Klaseus, SE, PE is a Principal Engineer with Minneapolis based [Lucid Engineers, PC](#). He graduated from the University of Minnesota with a Bachelor's in Civil Engineering (2008) and Master's in Structural Engineering (2011). He provides erection engineering services for large steel erectors and general contractors on signature projects across the country, almost exclusively by working onsite full time during the relevant construction phase. His balance of technical engineering knowledge and onsite presence provides his clients with robust and workwise solutions in the field.



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American Council of Engineering Companies of Minnesota

Thank You for Attending the MNSEA Meeting

Tuesday, December 11, 2018

Field Techniques for Solving Heavy Structural Challenges

Presented By: David M. Klaseus, SE, PE
Lucid Engineers, PC



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 black 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 - December 11, 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.	Andrew Agosto	UNI-SYSTEMS	Y	- SAME -	25
2.	Dave Klaseus	Lucid Engineers	N	dave@lucideng.com	spoke
3.	Greg McCool	ERA	Y	SAME	25
4.	Doug Wolfe	Opus	Y	"	25
5.	Bob CILSON	MBS	Y	SAME	25
6.	Charles Allgood	Ground Improvement Eng	Y	SAME	25
7.	Dave Talley	DJG, PE	N	same	40
8.	PAUL ASP	HGA	Y	"	25
9.	DAVID HOEPNER	mm y	Y	"	25
10.	STEPHANIE YOUNG	MMY	Y	SAME	25
11.	Brad Peterson	Kimley Horn	Y	"	25
12.	John Ellingson	OAEIG	Y	"	25
13.	Tom Venema	AET	Y	"	25
14.	DEVEN PHILLIPS	SAFE HAVEN SE	Y	"	25
15.	Adam Teppersen	UNI-Systems	Y	"	0
16.	Taylor Bruchschwein	Uni-Systems	Y	same	-
17.	NICOLAS BUNSON	UNI SYSTEMS	Y	SAME	25
18.	Mark Silvera	UNI-Systems	Y	same	25
19.	Joe Carfento	Restoration Engineering Service	Y	"	25
20.	Justin Saterbak	Opus	Y	same	25
21.	Doug Fell	STRUCTURAL Resource Center	Y	DFell@STRUCTURAL RC.com	\$25
22.	JOHN LYONS	OPUS	Y	OPUS SAME	\$25
23.	CRAIG KUSKE	ENCOMPASS	Y	same	\$25
24.	Richard Kirchner	BKBM	Y	SAME	\$10
25.	GREG GREENLEE	EPI	Y	"	25
26.	NORL VOGEL	VOGEL CONSULTING	N	"	\$40
27.	Dan Krzemietz	Uni-Systems	Y	"	\$25

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	Name	Company	Member (y/n)	email (same if it has not changed)	Amount Paid
1.	Paul Cici	ERICKSON ROEP & ASSOCIATES	Y	pcici@eraeng.com	\$25
2.	Jake TURGEON	HGA	Y	vturgeon@hga.com	
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MINNESOTA STRUCTURAL ENGINEERS ASSOCIATION

BY-LAWS

~~December 14, 2010~~DRAFT November 13, 2018

Article I – Name

This organization shall be known as the Minnesota Structural Engineers Association, or “MNSEA”.

Article II – Purpose

Section A. To provide a forum for effective actions to improve the quality and practice of structural engineering.

Section B. To provide an effective means of educating our clients and the legal profession as to our responsibilities and therefore our inherent liabilities on a project. To educate governmental officials, building officials and others of our responsibilities and liabilities.

Section C. To operate MNSEA as an ACEC/MN Coalition and be bound by such Coalition guidelines as prescribed by ACEC/MN organization's Board of Directors.

Article III – Classification of Membership

There shall be the following classifications of membership:

- A. Firm Member
- B. Associate Member

Section A. Firm Member

Membership is limited to those consulting firms organized solely to practice structural engineering or those consultants having a structural engineering department within the firm. Firms must have at least one Structural Engineer on staff who is licensed to practice under Minnesota law. Firms with only one such Structural Engineer on staff shall be defined as sole practitioners.

Section B. Associate Member

Membership is limited to individual structural engineers who are employed by organizations that are not eligible for firm membership. Associate members may participate on committees, attend meetings and participate in all other MNSEA activities. Associate members can not serve on the executive committee.

Section C. Voting Representatives

Each firm member may designate two voting representatives to MNSEA. Each associate member or sole practitioner shall have one voting representative to MNSEA. Voting representatives shall be graduate structural engineers.

Section D. Voting Power

Each firm member shall have the voting power of two votes. Each associate member or sole practitioner shall have the voting power of one vote. In cases where only one voting representative of a firm member votes on an issue, that vote shall be counted as two votes.

Section.E. New ACEC/MN eligible members joining MNSEA are encouraged to join ACEC/MN within two (2) years. Those firms choosing not to join ACEC/MN shall pay annual dues to MNSEA at twice the amount charged to members that are ACEC/MN members.

Section.F. Those firms belonging to MNSEA as of the date upon which it first becomes a ACEC/MN Coalition shall be designated as "MNSEA Charter Firms."

Article IV – Meetings/Voting

Section A. General Membership

1. Each firm member in good standing shall have two votes and each associate member or sole practitioner in good standing shall have one vote in all elections and on all matters brought before the MNSEA general membership.

2. Meetings shall be held on a regular basis with the exception of June, July and August. Special meetings may be called by the president, Executive Committee, or one-third (1/3) of the overall voting power of the membership, provided at least ten (10) days' notice given.
3. One-fifth (1/5) of the overall voting power of the membership in good standing shall constitute a quorum for conducting business. A lesser number may meet to informally discuss matters, but may take no official action.
4. A majority of those voting on an issue shall decide the question except where it is in conflict with the provisions of these By-Laws.
5. Membership shall commence upon payment of such dues and/or fees as prescribed by MNSEA, and shall continue except as terminated through non-payment of dues after sixty (60) days or by a majority vote of MNSEA firms.
6. Roberts Rules of Order shall be used for the conduct of all business except where it is in conflict with the provisions of these By-Laws.

Section B. Executive Committee

1. Special meetings may be called by the President or any two members of the Executive Committee.

Article V – Government of the Minnesota Structural Engineers Association

Section A. Executive Committee

1. The Executive Committee of MNSEA may exercise all powers except those reserved to the officers and members.
2. The Executive Committee shall consist of four (4) members, including the President, Secretary/Treasurer, Past President, and Vice-President.

Section B. Offices and Duties of Officers

1. President. The President shall preside at all meetings of the Executive Committee and general membership; appoint members of committees; serve as spokesperson for MNSEA; propose an annual budget for adoption; and possess all powers normally exercised by an organization's chairperson.

2. Secretary/Treasurer. The Secretary/Treasurer shall be responsible for recording and distributing minutes or summaries of Executive Committee and general membership meeting; maintain a current membership list and official administrative records of MNSEA and be responsible for distributing meeting and other notices.

The secretary/Treasurer shall also be responsible for receipts and disbursements of funds; maintain financial records of MNSEA; may be signatory for checks drawn upon these funds and disburse funds upon approval; and bill the membership for dues and assessments.

The Secretary/Treasurer may delegate routine responsibilities to the staff of MNSEA.

3. Past President. The immediate Past President shall perform such duties as assigned by the President.
4. Vice-President. The Vice-President shall have duties assigned by the President. The Vice-President shall preside over meetings when the President is unable to attend.

Section C. Election of Officers

1. President, Vice-President and Secretary/Treasurer shall be elected annually. The election will take place at the April monthly meeting. Nominations shall be submitted by the general membership at the March monthly meeting. A majority of votes cast is required for election. Each Firm Member is eligible to hold office.
2. The term of office shall be for one year. It begins at the end of the May regular monthly meeting. There is no limit on the number of terms an individual may serve.
3. Vacancies caused by resignation, death, or incapacitation will be filled by a majority vote of those attending the next regular or special meeting.

Article VI – Amendments

- Section A. These By-Laws may be amended by a majority of those present and voting so long as the total votes in favor are equal to or greater than one-third (1/3) of the total voting power of the membership.
- Section B. An amendment may be proposed by any member or officer by mailing or e-mailing it to all member firms and associate representatives not later than fifteen (15) days prior to the meeting at which it is to be considered.

Article VII – Dues/Assessments/Payments

- Section A. Members shall pay annual dues in amounts agreed upon by the Membership.
- Section B. Additional assessments may be made as required.
- Section C. Funds will be deposited in an account(s) bearing the name "MNSEA." The President, Secretary/Treasurer, and a Vice-President or ACEC/MN Executive Director may be designated as persons authorized to sign checks.
- Section D. Bills shall be paid upon authorization of the Executive Committee.

Article VIII – Committee/Task Forces

- Section A. Members of all Committees, whether standing or special, and members of all Task Forces shall be appointed by the President.
- Section B. Committee and Task Force meetings are subject to the call of the chair of their respective committee.