

- DATE:** Tuesday, January 09, 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 (Hotel information)
9960 Wayzata Blvd.; St. Louis Park, MN 55426
Located north and west of I-394 and Hwy 169 (Previously the Holiday Inn)
- 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 minutes by Greg McCool in **RED**.

MEETING AGENDA:

I. INTRODUCTIONS – Mustafa Igdelioglu

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

- Dave checked our bank account balance: \$7,800, vs. \$7,500 last year at this time. Several firms haven’t paid 2017-2018 dues yet; Dave will re-send invoices electronically as needed.
- MN Legislature is reconvening February 20. ACEC is pursuing a constitutional amendment to dedicate 100% of the sales tax collected on auto parts sales to transportation projects. There seems to be (relatively) bipartisan support in Legislature. P3 legislation may get introduced, but its chances aren’t great in such a short session. A new bonding bill is also possible.
- P3 is being pushed by a coalition. Would apply to any sort of project: road, bridge, building. Language is modeled after a law in Texas. Texas’ law has never been used (need a large amount of guarantees), but it’s on the books! In Minnesota, the Dep’t of Admin as well as AIA are opposed. ACEC is slightly in favor. The main challenge will be tailoring the law to make the greatest number of people happy.

III. COMMITTEE UPDATES

A. MNSEA Steering Committee

- i NCSEA – Wind Committee Update – **Mustafa Igdelioglu**

- Doug is not here to give update.
- ii Annual May Seminar Update – **Mustafa Igdelioglu**
 - May 8: topic is “special structures.” Almost all speakers are lined up, and small details are being ironed out.
- iii SEER Committee – **Doug Fell**
 - Doug and MNSEA are reviving the Minnesota SEER committee. National committee isn’t as strong as it once was, so they’re counting on state committees to pick up the slack. Minnesota has the chance to be a leader in the upper Midwest. Contact Doug if interested in joining (dfell@walkerconsultants.com).
 - The March breakfast meeting will be about SEER.

B. Young Members Group – Steve Sletten

- Upcoming Events:
 - AIA Trivia Night January 10
 - ACEC EP Topic Night: Engineering and Politics January 18
 - Whirlyball w/ MCC and ACEC EP February 13. There will be a speaker and laser tag this year.

C. Next MNSEA Breakfast meeting: February 13, 2018 – CODE ADMINISTRATION AND ADOPTION IN MINNESOTA. Presented by: Scott D. McLellan, Director of Construction Codes and Licensing, Minnesota Department of Labor and Industry

IV. LIAISON UPDATES:

- None

V. OLD BUSINESS:

- None

VI. NEW BUSINESS:

- None

SEMINAR TOPIC:

How the 360-16 Chapter K Changes Affect HSS Design & HSS Moment Connections



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



A Coalition of the
American Council of Engineering Companies of Minnesota

MNSEA Minnesota Structural Engineers Association

AISC 360-16 Chapter K, HSS Connections, recently underwent a major revision. In Part 1 of this presentation, we will explore the reasons for the change, what has changed and how to navigate the new provisions. We will also work through design examples and illustrate the similarity of the provisions in 360-10 and 360-16, highlighting resources for engineers to continue to provide efficient HSS designs.

Part 2 of the presentation review various types of WF to HSS moment connections that are used by engineers and the pros/cons of each type of connection. The discussion will cover the various limit states involved in the commonly used connection types, as well as touch on current research to enhance the use of moment connections in various applications. Finally, we will highlight resources that are available to aid engineers to continue to provide efficient HSS designs.

PRESENTER: Cathleen Jacinto, PE, SE – FORSE Consulting

Cathleen joined FORSE Consulting in May 2015 as a Structural Engineer. She is based in the Greater Chicagoland area of Illinois.

Prior to joining FORSE, Cathleen worked for 10 years at Thornton Tomasetti and 4 years at T.Y. Lin International in Chicago, IL. She worked on a variety of building design projects including healthcare, aviation, commercial, infrastructure, cultural, and steel connection design located in the US and the Middle East. Cathleen has experience in small to large-scale project types in various building materials including steel, concrete, wood, and masonry.

As a technical advisor to the HSS Committee of The Steel Tube Institute, Cathleen works to educate architects and engineers on the many benefits of HSS.



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



A Coalition of the
American Council of Engineering Companies of Minnesota

Thank You for Attending the MNSEA Meeting

Tuesday, January 09, 2018

How the 360-16 Chapter K Changes Affect HSS Design & HSS Moment Connections

Presented By: Cathleen Jacinto, PE, SE | FORSE Consulting



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 'M. B. Igdelioglu', written over a horizontal line.

Mustafa B. Igdelioglu, 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 - January 9, 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
GREG MCCOOL	GRA	Y	SAME	\$25
MICHAEL NELSON	MBS	Y	mnelson@mbjeng.com	\$25
ERIC CORWIN	MBJ	Y	SAME	25
Troy Crook	RRC	N	SAME	\$40
John Ellingson	OPUS	Y	SAME	25
Brad Spiverson	Kimley Horn	Y	"	25
JOHN LEWIS	OPUS	Y	"	25
DOUG FELL	WALKER CONSULTANTS	Y	"	25
Jim Sirebke	Clark Engineering	Y	same	\$10
Steve Sletten	LARSON ENG.	Y	SAME	\$10
ZACH JAFFE TURBON	HGA	Y	SAME	\$25
Kerry Rauschendorfer	KLT	Y	SAME	\$25
Derek Phillips	SAFE HAVEN SC	Y	"	\$25
DARWIN MUZZY	WALKER	Y	"	\$25
TRAVIS WELT	UNIV. ST THOMAS	N (will ^{SD})	welt7618@stthomas.edu	-(mail)
NICOLAS JOHNSON	UNI-SYSTEMS ENGR.	Y		25
Adam Jeppesen	Uni-Systems Engineering	Y		-(mail)
RYAN HOPEMAN	MBJ	Y	RHOPEMAN@MBJENR.G.COM	\$29
BOB CHILSON	MBJ	Y	SAME	\$25
ERIC McElrath	MMY	Y	SAME	25
Mustafa B. Jeddighi	Barr Eng Co.	Y	same	\$25.00
Joanna Campbell	MMY	Y	same	\$25.00