



THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

FORT WORTH CHAPTER

www.seaot.org

President
President-Elect
Secretary
Treasurer
Past-President

Steven Hodridge, P.E.
Ronald Ishmael, P.E.
Brion Echols, P.E.
Ralph Benson, P.E.
Brad Watson, P.E.

Volume 12, Issue 8

SEAOt Fort Worth News

November 2019

Wednesday, November 20, 2019

Presentation:

Retrofitting of Existing Buildings with Steel Joists

Speaker: Mike Miller and Dustin Corns

This presentation will address the retrofitting of existing structures with steel joist construction, whether for repair or strengthening.

The presentation will consist of three sections:

1. Examples of joists needing to be retrofitted.
2. Methods to evaluate existing joists for revised loading conditions.
3. How to modify existing joists.

President's Message

Steven Hodridge, P.E.

Our upcoming November meeting will be my last to serve as President of our chapter. As I recall the first chapter meeting I attended, at the invitation of one of my graduate school professors, former president William A. Wallace, I never would have imagined that 7 years later I would have the honor of serving as the chapter president. Without the guidance of multiple former chapter presidents, and the help of our current officer board, I do not know what I would have done or where our chapter would be, so I would like to publicly thank all of them.

We have reached the point of transition into the future of our organization. Votes are being tallied for elections of our new officer board, and we will announce the new board members and their positions at our meeting. I would personally like to thank those who have reached out to me with the eagerness to help SEAOt Fort Worth stride into the future. As we all know, our organization is comprised of volunteer professionals working together for the betterment of our

Continued on page 3

INSIDE THIS ISSUE

PAGE	
1, 2	Program and Speaker Bio
1, 3	President's Message
2, 3	Meeting Reservation Policy/Cancelations/ Membership Announcements
3	Calendar

Lunch Meeting Information

November 20, 2019

Freese and Nichols Building
Second Floor Auditorium
4055 International Plaza
Fort Worth, TX 76109

Meeting Sponsor:

Epic Metals

Catering:

Plaza Cafe

Check-In: 11:30 AM – 11:50 AM

Chapter News: 11:50 AM – 12:00 AM

Lunch & Program: 12:00 PM – 1:00 PM

*Map to meeting is provided at end of newsletter.
Additional Catering information is on page 2*

SPEAKER BIO:

Mike Miller graduated from Texas Tech University in 1979 with a bachelor's degree in civil engineering, specializing in structures. He has been with Vulcraft since 1981, working both in the design of joists for fabrication, and as a sales engineer specifying joists or deck. He is a licensed professional engineer in the state of Texas and an associate member of the North Texas Chapter of SEAoT. Since 1998 he has worked in the Dallas sales office fielding incoming technical calls and providing technical sales support for that office and several others in the Grapeland plant's territory.

Dustin Corns graduated from the University of Tennessee at Martin in 2006. He has been a design engineer at Vulcraft since 2006 giving him over 10 years of experience in the joist and deck industry. He is a licensed engineer in several states, including Texas. He has worked on projects ranging from small retail to large warehouses with clear spans from 5 to 180 feet. Dustin has extensive knowledge in providing practical field fixes for the repair and reinforcement of steel joist and joist girders.

SPONSOR INFO:

Epic Metals

For more than 50 years, EPIC Metals has been practicing the Art and Science of structural deck engineering. EPIC systems enable a designer to create unique, visually open public spaces with responsible materials and unmatched acoustics.

<https://www.epicmetals.com/>

Lunch Catering

This month's meeting will be catered by Plaza Cafe. The menu is beef and chicken fajitas, with Spanish rice, refried beans, corn, chips & salsa, and assorted cookies for dessert.

Newsletter Advertisement Policy

The Fort Worth Chapter of SEAoT would like to invite all prospective advertisers to contribute to the newsletter. We will definitely appreciate your support. You may support SEAoT by advertising in the newsletter. Space is available to structural engineering firms, vendors, and suppliers starting at \$125.00 for one year of advertisement (8 newsletters). If interested, please contact the newsletter editor, Brion Echols, via phone at (817) 335-3000 or email at fortworthseaot@gmail.com.

The newsletter editor is also looking for articles and announcements for publication. Submissions may be sent to the editor at fortworthseaot@gmail.com. Articles and ads to be included in the newsletter must be received by the first Wednesday of the month the article or ad is to first appear. The newsletter is loaded on the SEAoT website, so you will get exposure to the entire state of Texas and more.

Reservations for Lunch Meeting

To reserve a place at this month's meeting, please **RSVP by 5:00 PM on Monday November 18, 2019**. You may make your reservations via email at fortworthseaot@gmail.com or by phone to Brion Echols at (817) 335-3000. Indicate the name of each attendant when making a reservation for several people. Also, specify if vegetarian meals are required. Lunch will be served at the meeting. The cost is \$20.00 for members and \$35.00 for non-members. The cost for students is \$10.00. Reservations are required to ensure adequate seating. A map of the location of 4055 International Plaza is included at the end of the newsletter for your use. Go up the stairs and follow the signs to the Auditorium.

industry, and without those willing to put in extra time to keep SEAoT running like a well-oiled machine, there would be no Structural Engineers Association of Texas.

In addition to transitioning to a new officer board, now is the time to suggest/provide/request new speakers or presentation topics to our chapter leadership. If there is a certain structural topic you would like to learn more about, or you know of a good presentation that you feel would benefit the organization, please share that information with Mr. Echols. Furthermore, we are the host of the 2021 state conference. So, if you have conference ideas or contacts for high profile or out of town speakers that might be interested in presenting at our conference, please share that information with Mr. Echols as well.

Before we step into next year, we must wrap up 2019 with a nice bow. We have had some vastly educational presentations all year long, and we intend to end on a high. This month's meeting will focus on retrofitting existing buildings with steel joists. Before I was fully involved in the structural industry, I underestimated the amount of work we do that is related to remodeling or repairing existing buildings. Having been in the industry for some years now, I understand how important a presentation like this will be. Let's all make sure to support Mr. Corns and Mr. Miller and learn about steel joist retrofitting.

In closing, I look forward to seeing everyone at our last meeting of the year, and my last meeting as Chapter President. I trust that you feel that I have represented the chapter well and kept the legacy of our organization healthy and strong. Leading the Fort Worth Chapter this year has been an honor and a pleasure. Have a great week, and I will see you on Wednesday the 20th!

Warm Regards,

Steven A. Hodridge, P.E.
President

Cancellations

Please note that cancellations must be made by **5:00 p.m. on Tuesday, November 19, 2019**, to be honored. SEAoT reserves the right to decline cancellations made after the cut-off and to invoice no-shows.

Editor's Notes

Reminder: Please make sure you RSVP by the deadline so we can ensure there is enough food for everyone.

Membership Announcements

Current SEAoT members who would like to be transferred to this chapter are invited to do so by logging in with their user name and password and updating their chapter selection from their membership profile. Please email fortworthseaot@gmail.com for additional information.❖

CALENDAR OF EVENTS

SEAoT FORT WORTH LUNCH MEETINGS FOR 2019:

CHAPTER MEETINGS - FORT WORTH, TX

January 23, 2019

February 27, 2019

March 27, 2019

April 24, 2019

May 22, 2019

June 26, 2019

September 5-6, 2019 (State Conference)

October 23, 2019

November 20, 2019

January 22, 2020

Upcoming Seminars:

- [SJI Seminars](#)
- [ACI/PCA Seminars](#)
- [AISC Seminars](#)

ADVERTISEMENTS

8,600 ft. lb. Rating

Patent#
6514012,
6931805,
7024827,
7073296

Helical Pile

Deep Driven Steel Pile

**THE FIRST
AND ONLY
HAS ARRIVED**
ICC-ES Recognizes RAM JACK®

The **[first]** to complete and receive an evaluation service report per AC358.

ESR-1854
IBC Compliant
Scan this QR code to read the full ESR-1854 article.

ICC
ES™

800.969.2255
ramjack.com

RAM JACK



Clay Broyles
Sales Representative
N. TX & Oklahoma
The Euclid Chemical Company
1835 Upper Montague Road
Bowie, TX 76230
cbroyles@euclidchemical.com
Cell: 318.471.1131
Fax: 855.382.5436

www.euclidchemical.com



James Robbs
Manager Construction Products
Texas, Oklahoma, & Louisiana

The Euclid Chemical Company
3308 Brookhaven Club Dr.
Dallas, TX 75234
jrobbs@euclidchemical.com
Cell: 214-325-4936
Fax: 855-382-5436

www.euclidchemical.com

An Company

ISO 9001 Certified UL File #A3129

An Company

ISO 9001 Certified UL File #A3129

ADVERTISEMENTS



TSSI
TEXAS STRUCTURAL STEEL INSTITUTE

**SUPPORTING AND PROMOTING THE
STRUCTURAL STEEL INDUSTRY SINCE 1928**

TSSI-TEXAS.ORG



C

CANTEY HANGER LLP

A T T O R N E Y S

ADVERTISEMENTS

PIERESARCH®

Manufacturer of Quality
Concrete Accessories
Proudly made in the U.S.A.

PIERESARCH

**501 East Main Street
Arlington, Texas 76010**

800.342.2409

817.277.3738

fax 817.275.2335

stanagee@pieresearch.com

"Perfect your spec to protect what you cannot inspect."

www.pieresearch.com

2019 Officers, Directors, Committee Chairs

Chapter Positions

President	Steven Hodridge, P.E.	(817) 649-1544	Steven@DIengineers.com
President-Elect	Ronald Ishmael, P.E.	(817) 505-4309	rishmael@jqeng.com
Treasurer	Ralph Benson, P.E.		theralphbenson@gmail.com
Secretary	Brion Echols, P.E.	(817) 335-3000	bechols@Huitt-Zollars.com
Past President	Brad Watson, P.E.	(817) 735-7416	bbw@freese.com
State Director	Steven Hodridge, P.E.	(817) 649-1544	Steven@DIengineers.com
State Director	Brad Watson, P.E.	(817) 735-7416	bbw@freese.com
Membership	Open		
Political Action Liaison	Open		
Young Members	Open		

Map to Freese and Nichols Building

4055 International Plaza

Fort Worth, TX 76109

