



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 7

SEAoT Fort Worth News

October 2019

Wednesday, October 23, 2019

Presentation:

Wind and Storm Design for Mission Critical Projects

Speaker: Brad Cheshire

This presentation will explore questions related to the design of mission critical facilities for extreme wind events;

What do you mean “Mission Critical”?

Why are we talking about this?

What does the code say?

What do owners want?

What do I need to teach the owner?

So now what do we do...?

What is next in “Designing for wind”?

Attendees will come away with an awareness of Storm/Tornado design criteria, and have a starting point with which to discuss project requirements for their next “Mission Critical” client.

President’s Message

Steven Hodridge, P.E.

I would like to welcome everyone back from our Summer Recess. I hope that the prolonged hot dry summer we had was good for business for everyone, but I would be remiss if I did not say that is nice to finally feel Autumn in the air (and of course nice to get back into the swing of having chapter meetings).

We have reached the time of the year where it is time to start to process of transitioning our chapter officer board and injecting some new candidate to take our organization into the future. We are looking for licensed members of our chapter to volunteer for the officer board positions that will be opening up at the end of the year. We are looking to fill the membership chair, young members representative/coordinator and the chapter secretary position, but at this time we only have one person who has put their hat in the ring as interested. Please let Ron Ishmael or me know, if you are interested ASAP. Between this meeting and our last meeting of the year (November 20th) we will be emailing out ballots to vote, so time is of the essence.

Continued on page 3

Lunch Meeting Information

October 23, 2019

Freese and Nichols Building
Ground Floor Training Room
4055 International Plaza
Fort Worth, TX 76109

Meeting Sponsor:

Reliable Void Forms

Catering:

Babe’s Chicken

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*

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

SPEAKER BIO:

Brad Cheshire is the current SEAoT Dallas Chapter president and chair of the Technical Activities Committee. He is an active member of the State Government Affairs Committee and represents the Dallas chapter on the State Board. Brad is a principal with Page Southerland Page where he has been the Director of Structural Engineering for the past 20 years. He has had the opportunity to work on a variety of mission critical facilities from data centers and manufacturing plants to military and government installations. His involvement has varied from original designs to renovations and post disaster forensic investigations.

SPONSOR INFO:

Reliable Void Forms

With over 30 years of concrete foundation design and installation experience, Reliable Void Forms provided a patented molded pulp void form made from 100% recycled waste paper. Reliable Void Forms are much stronger than current boxes used to create void space under the concrete slab during the placement and curing process when dry and especially when wet. Reliable Void Forms become slowly weaker over time as moisture is naturally absorbed into the form and additionally the design allows the soil to expand into the form.

The application is simple. Just drop them side by side and break them to fit around shapes as needed. You can cover an entire foundation plan with this one simple form. No need for customized complicated shapes or a complicated layout plan. Install your hardboard, poly film (or vapor barrier) and rebar as normal. Even the storage and handling is simple. The Reliable Void Forms are designed to nest efficiently in a stack, easy to handle and requires minimal storage space.

Lunch Catering

This month's meeting will be catered by Babe's Chicken. Smoked chicken or chicken tenders with sides and banana pudding desert.

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 fortworthseao@gmail.com.

The newsletter editor is also looking for articles and announcements for publication. Submissions may be sent to the editor at fortworthseao@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 October 21, 2019**. You may make your reservations via email at fortworthseao@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.

President's Message continued from page 1

Last month we had a good State Conference in San Antonio where we learned about a wide variety of topics, some of which I personally had never heard addressed before (such as the safety of our light pole infrastructure, coastal bridge vulnerability to hurricane damage, or the impending Code changes for high strength reinforcing bars.) If you did not get to make it, you missed a treat. Next year we will have our state conference in the city of El Paso during the same time of the year, so keep that in mind when you plan your late summer, early fall next year.

At the State Conference, the state board held our final meeting of the year, and there are a couple decisions that were made and topics that were discussed that I would like to bring to your attention. First, for 2020 going forward, we will be implementing late fees for individuals who do not renew and pay for their membership before March 1st. Late fees will be 12-15% of the dues owed. Second, we will be increasing meeting prices for non-members who attend chapter meetings. Third, we will be moving up the Early Bird state conference registration deadline, so that it is further away from the beginning of the state conference. We are making these three changes to improve our organizational financial cash flow situation. Tardy payment for memberships and conference registration make planning and forecasting for the future vastly more difficult for the state board. That being said, I would like to thank you guys for making me look good. Our chapter has the highest percentage of paid membership renewals in the state, so most of the changes we made at the state level, will not affect us in Fort Worth much (if we continue the trend we have been on). Lastly, results from the SEAoT poll that was emailed out to everyone 2 months ago were shared.

- 89% agreed or strongly agreed with the statewide adoption of a newer IBC
- 66.7% agreed or strongly agreed with the political pursuit of SE licensure
- 11.4% were neutral on SE licensure
- 21.9% disagree or strongly disagreed with the political pursuit of SE licensure

This month's meeting is scheduled to teach us how to design critical projects for extreme wind events. Wind design can be complicated, so learning more about how to do it well can do nothing but benefit us. If there are any other topics you would like our chapter to host a presentation on, please let Brion Echols know before our November meeting, and we will try and get it on the schedule for 2020.

In closing, I am looking forward to seeing everyone after our long hiatus. Have a great week, and I will see you on the 23rd!

Steven A. Hodridge, P.E.
President

Cancellations

Please note that cancellations must be made by **5:00 p.m. on Tuesday, October 22, 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

**THE FIRST
AND ONLY
HAS ARRIVED**

ICC-ES Recognizes RAM JACK®

Deep Driven Steel Pile

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

ATTORNEYS

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

