



THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

DALLAS CHAPTER

www.seaot.org

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Lucas Ponce, P.E.
John Turner, P.E.
Asma Momin, P.E.
William (Bill) Light
Tom Scott, P.E.

February 2014 Newsletter

Meeting Info

Date: February 18, 2014
Doors Open: **11:30 am**
Dinner Starts: **11:45 am**
Program: **12:00- 1:00 pm**

Location:

Maggiano's Little Italy
205 North Park Ctr
Dallas, TX

Early Registration Cost:

Members:	\$25
Non-Members:	\$35
Students:	\$10
No Meal:	\$0

Valet parking is included in your meeting registration. Self-park anywhere at the mall.

Reservations

Please register by **12:00 pm on Friday, February 14, 2014** to get early registration discount. Late registration ends on Monday, February 17, 2014.

[Click Here](#) to register on-line.

Please indicate names of all attending and specify if a vegetarian meal is required.

Cancellations must be made by **the same time** to be honored.

“PITFALLS ASSOCIATED WITH POTENTIAL VERTICAL MOVEMENT ESTIMATES”

FEBRUARY 18, 2014

PRESENTATION OVERVIEW:

Differential movement of a structure results in some type of distress, with the magnitude of distress proportional to the angular distortion. The potential for differential movement in expansive soils is commonly referred to as potential for vertical movement or rise.

Unfortunately, PVR is both a concept and a specific procedure. The purpose of this presentation will be to evaluate what PVR is and what it is not, and how the unknowns associated with the estimate impact decisions on design. Case studies will be included.

Ronald F. Reed, P.E.

Mr. Reed is President and Principal Engineer of Reed Engineering Group, Ltd, a Dallas based firm specializing in geotechnical engineering, material testing and environmental consultation.

Mr. Reed has over 35 years of experience in North Texas and is registered in Texas and surrounding states. He has authored or co-authored 28 publications on geotechnical subjects varying from design of auger-cast-piles for high-rise buildings to evaluation of ground supported slabs.

SEAOt Dallas Chapter Newsletter

Upcoming Events

Next chapter meetings:

March 18, 2014

Topic: Texas Board of Professional Engineers – Professional Practice Update / Ethics: Updates on Board rule changes within the last year. general updates on initiatives the Board is working on, information on enforcement statistics, and the engineering Code of Conduct.
Speaker: Mr. David Howell, P.E., Deputy Executive Director for the Board

Other Events:

February 22, 2014

Form Follows Fitness 5k
www.formfollowsfitness.com

March 13, 2014

Building Better Mixed-Use Buildings: Constructability, Cost and Performance
[Click Here](#)

April 24, 2014

AISC Seismic Design Manual and Application of 2010 AISC Seismic Design Provisions (Dallas, Texas)
[Click Here](#)

President's Message

By Lucas Ponce, PE

We had a great start to 2014. Our January meeting was attended by approximately 65 members and non-members who braved the cold weather. Among the attendees we had six students from the University of Texas at Arlington. What better way to make our chapter known than by inviting young students to our meetings. I would like take this opportunity to apologize for the last minute change in speakers. The icy weather conditions at the end of January were not favorable for Dr. Bracci to make the trip to Dallas. We will see if we can reschedule him for another meeting later in the year.

A question I have heard lately is "What do I get out of becoming a member of SEAOt? The meeting discount to members is not enough for me to break even." Well as mentioned last month, we are currently working on lowering meeting costs to make membership more attractive. But thinking about SEAOt membership as just meeting and state conference discounts does not give a complete picture. To help fully answer this question it is important to remember SEAOt's mission statement: "To support the structural engineering community, through continuing education, technology transfer, advancement of building code provisions, strengthening registration requirements, and enhancement of public awareness of the services provided by our members". Our chapter lunch/dinner meetings fulfill only a portion of the organization's mission. Many activities in the organization are done by the different committees: information technology, legislative, emergency response, and technical/code. Your annual dues also help fund the committee activities, scholarship, and basically keep the organization moving forward.

Keep in mind that our organization is only as strong as our members make it out to be, and there is only so much that your chapter board members can do. Please consider helping out and making some time to volunteer. Think about what you would like the structural engineering profession to be in the future, find something that needs to be done that interests you, and volunteer to help. It is important to ask what SEAOt can do for you, but it is equally important to ask what you can do for SEAOt.

The legislative affairs committee is in need of volunteers to help keep SEAOt plugged into activities with the State legislature, to coordinate discussions and presentations with the legislature and with other engineering groups, and to stay up-to-date with state

legislative activities which could impact the structural engineering profession.

The Structural Engineer Emergency Response program (SEER) needs participation from the membership to show government officials and community leaders in the state that we can be a resource in emergency times. The state is starting to show interest in our participation and it would be a shame for that interest to die because of lack of participation from SEAOt.

If you would like to volunteer, please feel free to contact any of the officers listed at the end of the newsletter.

LPonce@Ponce-Fuess.com

SEAOt Dallas Chapter Newsletter

Welcome New Members

Say hello to our new members!

Mrs. Jacqueline Maxwell, P.E.
Structural Engineer

Mr. Jason Spinnato, P.E.
Structural Engineer

Ms. Rachel Schulman, EIT -
Graduate Engineer

Member Updates

Are you an EIT who recently passed the new 16-hour SE exam? Did you work on a project that got nominated for an award? Let us know and we will announce your accomplishment in the newsletter!

SEAOt SEER

Update from Brad Russell

SEAOt SEER had a very productive 2013 and met with local and state responders and emergency management officials for areas typically impacted by hurricanes- Corpus, Houston, San Antonio.

The state has shown interest in getting SEAOt SEER involved in the Public Works Response Team for the state, and has asked us to make a presentation at the State Operations Center in Austin. To work on this presentation and to plan other SEAOt SEER 2014 activities, we have scheduled a tentative meeting date for Friday, February 21st, from 9 AM to 3 PM at AIA Dallas. Lunch will be provided. Meeting agenda will include reviewing other areas in the state that could benefit from the SEAOt SEER's involvement and review / improve past presentations to be used in an upcoming state meeting in Austin.

We need structural engineering community to actively participate in this program to further the progress made at the state level. This is an opportunity for SEAOt to show strength similar to other organizations' emergency responders, i.e. ASCE, AIA, TSA, etc. Those interested in participating can contact Brad Russell at brad@brarchitects.com.

Sponsors

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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 David Parkin at (214) 221-2220 or via e-mail at dparkin@ppoinc.net.



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State Directors from the Chapter	Tom Scott Lucas Ponce Bradford Russell (alternate)		

Selected State Positions:

State President	Lewis Shrier
President Elect	Lee Walden
Secretary	William (Whit) Smith
Treasurer	Robert Lanser
Past President	William A. Wallace
Executive Director	Liz Stansfeld



Dallas Chapter
P.O. Box 12553
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January 2014 Newsletter