



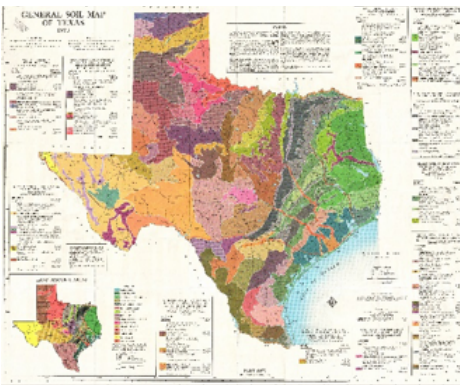
THE STRUCTURAL ENGINEER

Life in the Trenches: Lessons Learned in Geotechnical Engineering



Texas is home to some of the most diverse soil conditions in the world, leading to challenging design considerations for the structural engineer. This presentation will discuss basic soil properties, focusing on the inherent expansive soil conditions most frequently found in the Greater Houston Area. The role of the Geotechnical Engineer in successful project design development will be discussed, incl. foundation design development and construction administration services. The value of geotechnical engineering will be demonstrated via understanding how to read a geotechnical report along with case studies.

Jay Sunderwala, P.E., earned his BS and MS in Civil Engineering from San Jose State University and has over 22 years of experience as a Geotechnical Engineer, including the last 15 years in the greater Houston area. Jay has served as Office Manager and Principal Engineer of the Ninyo & Moore Houston office since 2010. Jay has been on the Board of Directors of ACEC Houston and is involved with the Houston Council of Engineering Companies. Jay currently sits on the Board for the Texas Council of Engineering Laboratories (TCEL). Jay is a licensed professional engineer in Texas, California and Nevada.



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MEETING INFO

WHEN:

January 21, 2015
6:00 pm Social
6:30 pm Dinner
7:00 pm Program

WHERE:

Hess Engineering and Scientific Society
5430 Westheimer
Houston, TX 77056
(713) 627-2283

COST:

Members: \$25.00
Non-members: \$35.00
Student members & Non dinner guests \$10.00

RSVP:

[Click Here](#) to register online. The deadline is 12:00pm, the Tuesday before

UPCOMING MEETINGS

February 18, 2016
TBD
March 17, 2016
TBD

[CLICK HERE](#) TO REGISTER FOR THIS MEETING

President's Corner

Tan Tran, PE

Greetings to Our Fellow Structural Engineers!

Welcome to the first newsletter of 2016.

Let me re-introduce myself, I am Tan Tran, PE, with Cardno Haynes Whaley, part of a global, comprehensive professional services provider. This year, I am honored to serve as President for the Houston/Gulf Coast Chapter.

The other members of the Board this year are:

- Vice President:
Rick Miles, PE, Walter P. Moore
- Secretary (to be confirmed):
Chris Hill, PE, Cardno Haynes Whaley
- Treasurer:
Jonathan Warshaw, PE,
- Past President:
Mr. Alfredo Bustamante, PE, CDT,
Walker Restoration Consultants,
- Chapter Director 2015-2016:
Mr. Steve Wilkerson, PE,
Athos Consulting Engineers.
- State Director 2015-2016:
Mr. Bob Lanser, PE

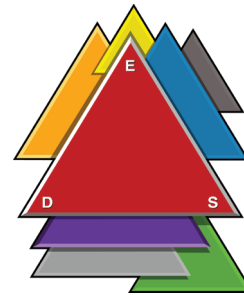
As many of you probably are, I am often surprised by how fast the time has gone, and at the same time, I wonder why it moves so slowly. This is one of those "how-fast" moments, year 2015 has passed by with blinding speed. And here we are, at a new year once again.

New Year brings new hope, new opportunity, and new potentials. It also leads to reflections, and contemplations. I look back at my past involvement with the chapters with joy each time I saw an old colleague whom I had not seen for a while. I look back seeing my wonder and admiration for each meeting presentation about a great engineering feat.

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President's Corner (continued)

Tan Tran, PE

I hope that, this year, I will help you, my fellow engineers, experience the same delight. We will making our meetings opportunities for you to reconnect and make new friends, to learn of new trends or information in our profession.

I encourage you to help me by helping yourself and getting involved with our Chapter, by coming to our meetings to connect or re-connect. I look forward to your comments and suggestions to making our meetings even more interesting and beneficial to you.

Happy New Year and Best Wishes!
See you at our monthly meetings!



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In this technology-packed seminar, Ashraf will present the theory and application of PBD in terms and analogies that are very familiar to the practicing structural engineer. Attendees will leave the seminar empowered with a clear understanding of this new technology.

Date & Time: Friday, February 26, 2016 - 8:30 am - 4:30 pm
Location: Westin Memorial City, 945 Gessner Rd, Houston, TX 77024

Registration Fee is \$150 and includes:

- Textbook: "Modeling for Structural Analysis" by Professor Graham Powell (value: \$150)
- Continental breakfast, luncheon, and refreshment breaks
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For more information and registration: www.csiamerica.com



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Secretary's Corner

Chris Hill, PE

After a long and contentious campaign and election I am proud to have been elected your Secretary for 2016. I look forward to working with all of you, not just those who voted for me.

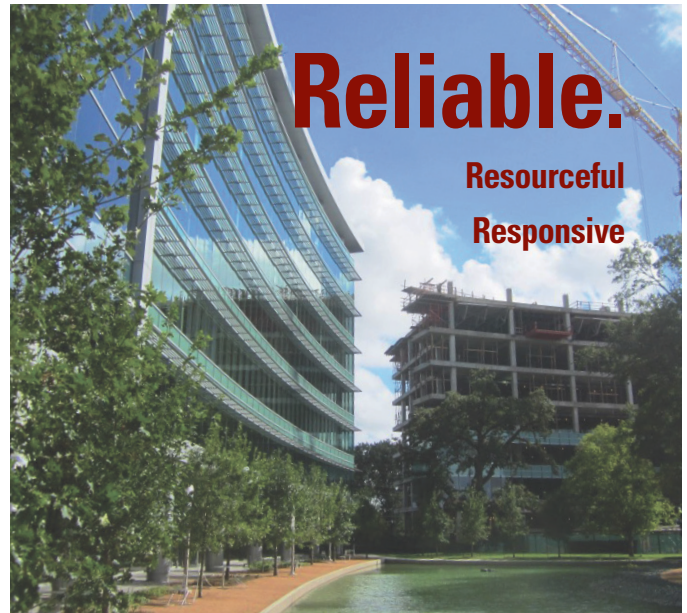
For those of you who do not know me I have been a part of SEAOt since 2010. I have been a member of the Houston/Gulf Coast chapter since moving here in 2012 from Oklahoma City to join Cardno Haynes Whaley. I have served the SEAOt Houston/Gulf Coast chapter in a variety of positions including advertising chair and young member chair.

As an associate at Cardno Haynes Whaley I have had the opportunity to work on some great projects in and around Houston for the last three and a half years. I look forward to getting to know all of you better and working with this organization that means so much to me. I hope that together we can continue to grow the origination and increase its value to each member.

We ended 2015 with our monthly meeting held on November 19 during the lunch hour at Pappas BBQ on Hwy 59 in South Houston. The meeting was sponsored by Aegis Metal Framing and the presentation was given by Mr. David Boyd. The title of Mr. Boyd's presentation was "The Specification, Design, Manufacturing and Installation of Cold-Formed Steel Trusses".

The board met to close-out business for 2015 on December 11. Items that were discussed included the progress of the website, exploring other meeting locations and times, and the election of new board members.

Again I just want to say that I am looking forward to working with all of you and serving this great organization.



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Nicholas Souza is responsible for all content in this advertisement.

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Texas A&M Student Chapter President

Ashfaq Syed

The Texas A&M University SEAOt Student Chapter hosted their Fall semester picnic at Villa West Park in college station on Nov 21st. We had a good weather for the picnic and had a great break from our normal routine. Our members enjoyed some fried chicken and pizza for lunch. Our aspiring structural engineers showed their structural stability skills by playing with the giant Jenga Blocks.

The final meeting for the Fall semester was on Dec 3rd. Mr. Alfredo E Bustamante from Waler Restoration Consultants, gave us a presentation on the Restoration and Forensic Engineering. Al, shared his experience in restoration engineering and explained the steps involved in the process. He stressed the importance of technical writing for engineers. Al also shared his experience in working with photogrammetry and even drones for the evaluation of buildings.



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**Texas A&M Student Chapter
President**

(continued)

Ashfaq Syed

The leadership team for the 2016 term were elected and are as follows, Natasha Boger as President, Saurav Arora as Vice President and Samantha Marquez as Treasurer. Our first meeting for the Spring 2016 term is on Jan 28. We will be joined by Structural Engineers from Baker Risk Engineering, San Antonio.



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Editor's Corner

Jennifer Ju

On December 18, 2015 the SEAOt Young Engineers group congregated during a Happy Hour sponsored by Perma-Pier. With plenty of appetizers and snacks going around during the Pappasito's Happy Hour, we learned about the foundation services that Perma-Pier had to offer.

Due to the jolly holiday atmosphere, everyone engaged in lively conversation that was filled with jokes and laughter. The Young Members always enjoy spending time with their peers, be it over drinks or sporting events. We look forward to any future events with the SEAOt Young Members group.

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State Director (15-16)	Bob Lanser	281.543.0305	boblanser@aol.com
Alternate State Director	Joe Kallaby	281.584.9300	osi-jk@swbell.net

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