



# THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

## DALLAS CHAPTER

www.seaot.org

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Past President

John Turner, P.E.  
Asma Momin, P.E.  
Jennifer Ray, P.E.  
William (Bill) Light  
Lucas Ponce, P.E.

## November 2015 Newsletter

### Meeting Info

**Date:** November 17, 2015

**Doors Open:** 11:30 am

**Lunch Starts:** 11:45 am

**Program:** 12:00- 1:00pm

### **Location:**

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

### **Pricing:**

Members: \$25

Non-Members: \$35

Students: \$10

No Meal: \$0

Please register by **Friday,  
November 13, 2015.**

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

### **Baylor University's McLane Stadium – An Insider's Look at the Jewel on the Brazos**

**Josh Lee, PE**

Being from the DFW area, it can probably be assumed that you have been one of the 42 million drivers on I-35 through Waco, TX at least once in the last year. Prior to 2013, you probably just passed through Waco, seeing a piece of Baylor University but not thinking much about it, unless you are a Baylor grad or have an affiliation with the University. But now, as you drive through Waco, you can see the shiny new stadium standing tall on the Brazos just east of the interstate. You can't help but notice it. With its tall white columns, brick serrated walls, modern canopy that appears to float, the giant scoreboard and modern architectural features, you ask yourself, "Is this Waco? Is this Baylor?" As an engineer you are also asking, "Who did the design? What was the schedule? How far does the canopy truss cantilever? Are those columns slender? What does the foundation look like for a structure like that? What were all the challenges during design and construction?" This presentation will attempt to address all of those questions and more. It will give you an insider's look at the design and construction of the \$265M McLane Stadium and the Pedestrian Bridge from a structural engineer's perspective. The presentation will include background of the stadium, the design process, and the challenges faced during the fast-track construction of the stadium.

### **Josh Lee, PE - BuroHappold Engineering**

A Senior Engineer with BuroHappold, Joshua Lee has over a decade of structural engineering experience in a diversity of project types including hospitals, office buildings, and manufacturing facilities, as well as stadia and sports complexes. Joshua graduated from the University of Wyoming with a Bachelor's Degree in Architectural Engineering and has used his passion for both structural engineering and architecture in his career to work with clients to provide innovative solutions to today's complex projects. Recently, Joshua spent two years on-site at the \$265M McLane Stadium, managing the construction effort for BuroHappold during construction of the stadium and pedestrian bridge in Waco, TX. He worked with the team of engineers, architects, contractors and subcontractors to provide expeditious solutions to problems encountered during the fast-track construction of the stadium and bridge. His time on-site provided an invaluable insider's perspective into the challenges faced during the construction of such a large project with such an aggressive schedule. Joshua currently lives in Kansas City and is managing the construction administration of the concrete bowl for the Atlanta Falcon's new \$1.4B Mercedes-Benz stadium.

### **This meeting has been sponsored by:**



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# SEAOt Dallas Chapter Newsletter

## Upcoming Events

### Next chapter meetings:

**January 19, 2016** – Dr. Kishor Mehta, PE – National Science Foundation

**February 16, 2016** – Aldo McKay, PE – Protection Engineering Consultants

### Industry Events:

**Greenbuild 2015**  
**Washington, DC**  
**November 18-19, 2015**  
[Click Here](#)

### Connect with SEAOt Dallas

To renew or your membership or join SEAOT, visit at [www.seaot.org](http://www.seaot.org).

Check out SEAOt Dallas Chapter website at [www.seaotdallas.org](http://www.seaotdallas.org)

## President's Message

By John Turner, PE

As with all things, change can bring renewal. As we move towards 2016 and the end of my time as Chapter President, I want to thank the members and officers of the Chapter. We have tried to provide opportunities to members, to meet their needs for continuing education. We have worked to improve the financial situation of the Chapter. And hopefully we have succeeded in helping, in some small way, to making your work easier or your office more profitable. Next year, the Chapter will be exploring some new opportunities to get members involved and to continue to provide the best CE programs we can. Our goal is to make your membership in SEAOt Dallas even more valuable. We will be exploring new member benefits and expanded educational opportunities. Between now and the end of the year, you will be asked to take a short survey about the Chapter. Please take time to click the link and answer the very short survey - we need to know what you think.

As we do each year about this time, we vote for new officers for SEAOt Dallas. This year, about ten percent of members voted (kind of like off-year congressional elections) to approve the slate of candidates put forward by the Nominating Committee of the Chapter Board. Thanks to those who took time to cast your votes. With 100% of the votes approving the candidates, the officers for 2016 are:

**President - Asma Momin (APA)** [asma798@sbcglobal.net](mailto:asma798@sbcglobal.net)

**Vice President - Jennifer Ray (Hilti)** [Jennifer.Ray@hilti.com](mailto:Jennifer.Ray@hilti.com)

**Secretary - Amal Ahmed (Ellison Gage)** [AAhmed@ellisongage.com](mailto:AAhmed@ellisongage.com)

**Treasurer - Bill Light (Sika)** [light.bill@us.sika.com](mailto:light.bill@us.sika.com)

**Past President - John Turner** [turner@structuralsafety.com](mailto:turner@structuralsafety.com)

Thanks again for the great year!

## Welcome New Members

Dr. Kenton McBride  
Graduate Engineer  
Hilti North America

Mr. Keith Bohren  
Affiliate  
Simpson Strong-Tie Co. Inc.

Mr. Seth Pendarvis  
Affiliate  
PNE Construction Technologies

Mr. Eric Alvarado  
Graduate Engineer  
RLG Consulting Engineers

## Recap of September Meeting

In September, we had a presentation by Ben Harris, PE regarding the 2015 IBC Changes as it pertains to shelter design for schools. The IBC requires all new schools in North Texas to include a storm shelter designed for 250 mph winds. Ben outlined some of the key design considerations for the shelter design.

## Sponsors

The Dallas Chapter of SEAOt would like to thank all of the advertisers that have contributed to the newsletter. We 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 David Parkin at (214) 221-2220 or via e-mail at [dparkin@ppoinc.net](mailto:dparkin@ppoinc.net).

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# SEAoT Dallas Chapter Newsletter

## Chapter Positions:

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Treasurer	William (Bill) Light	(972) 567-9430	<a href="mailto:light.bill@us.sika.com">light.bill@us.sika.com</a>
Past President	Lucas Ponce, PE	(469) 310-2860	<a href="mailto:lponce@ponce-fuess.com">lponce@ponce-fuess.com</a>
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State Directors from the Chapter	John Turner, PE Lucas Ponce, PE Bradford Russell, PE (alternate)		

## Selected State Positions:

State President	Lee Walden, PE
President Elect	Kerry Lee, PE
Secretary	William (Whit) Smith, PE
Treasurer	Robert Lanser, PE
Past President	Lewis Shrier, PE
Executive Director	Liz Stansfeld



**Dallas Chapter**  
**P.O. Box 23**  
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**November 2015 Newsletter**