

## SEI HOUSTON MONTHLY NEWSLETTER

### Texas SEI Chapter Annual Meeting 2022

On January 25, 2022, SEI Houston supported TXSEI (The Texas Structural Engineering Institute Chapter) co-hosting the first annual meeting. With three great presentations on the unique projects in Texas, this event provided an opportunity for Texas engineers to connect at the state level. Below are the summaries of the three presentations.

#### NEWS THIS MONTH

Texas SEI Chapter  
Annual Meeting 2022

#### UPCOMING EVENTS

Memorial Park Central  
Connector Land Tunnels

#### GET TO KNOW YOUR COMMITTEE MEMBER

Warren Kuo, P.E.,  
Director of  
Communications



*Presentation 1: Dallas Project*

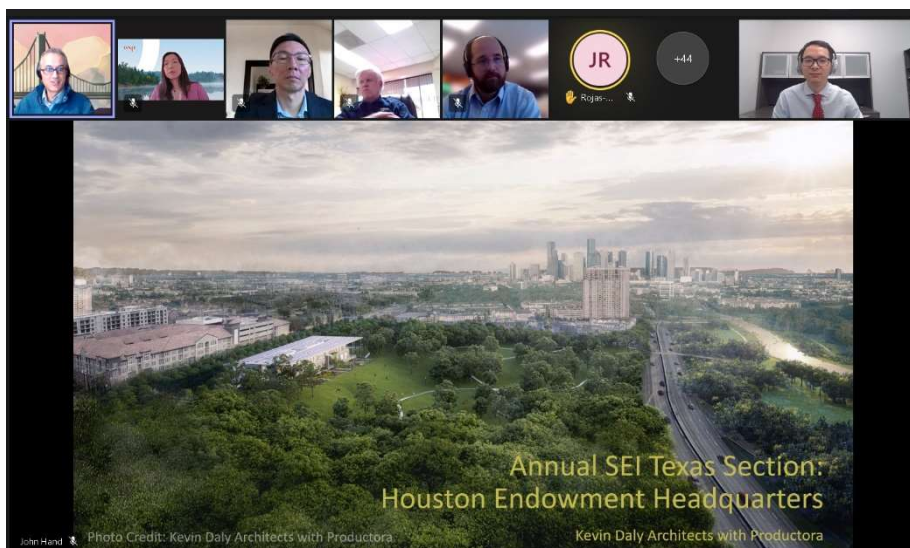


Elaine Jin, P.E.

Elaine provided an overview of the bridge design for this project and share some lessons learned during construction. She also discussed some design aspects of two unique structures, the bridge supporting the deck park and the highly skewed steel bridge, Beckley Avenue Overpass. The Dallas Southern Gateway project is a \$666 million design-build project that is rebuilding and widening I-35E south of downtown Dallas, as well as widening US 67 between I-35E and I-20 and the I-35E/US 67 split. The project includes a total of 37 new bridges and bridge widenings and rehabilitation of 19 existing bridges. (<https://www.texasce.org/event/txsei-annual-meeting/>)



John Hand, P.E.



*Presentation 2: Houston Project*

John discussed the structural design of the Houston Endowment Headquarters Building; Houston’s first hybrid steel and mass-timber building. Several site and architectural restraints required an innovative approach to reduce cost and meet the sustainability goals of the project. (<https://www.texasce.org/event/txsei-annual-meeting/>)



Mark Waggoner, P.E.



*Presentation 3: Austin Project*

Major League Soccer arrived in Austin in 2021 with the debut of Austin FC at the newly built Q2 Stadium in North Austin. Q2 Stadium features the largest roof among MLS stadiums to provide extensive shade for comfort in the Austin climate. Walter P Moore led the structural design for this innovative venue. This presentation described the design and construction of the structural systems at Q2 Stadium. (<https://www.texasce.org/event/txsei-annual-meeting/>)

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## UPCOMING EVENTS



Tarek Ayoubi, P.E.

- **“Memorial Park Central Connector Land Tunnels” by Mr. Tarek Ayoubi on Feb./22/2022** Mr. Ayoubi is a principal and senior project manager at Walter P Moore’s structural engineering group in Houston. He will present the designs and constructions of the two land tunnels. Detailed information and registration can be found via the link below

<https://ascehouston.org/meetinginfo.php?id=642&ts=1643760282>

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## GET TO KNOW YOUR COMMITTEE MEMBER - Director of Communications



Warren Kuo, P.E.

Mr. Warren Kuo has been a board member of the SEI Houston Chapter since 2019. He is a licensed professional engineer practicing in the field of offshore structures especially the offshore wind foundations. His global exposure of consulting experience includes projects in Asia, South America, and Gulf of Mexico. Mr. Kuo is a fan of the college football games.

### WHAT DO YOU ENJOY MOST ABOUT SEI HOUSTON CHAPTER?

It is exciting for me to meet and interact with other professionals in the structural engineering field. It always thrills me when I learnt how other engineers solve their engineering challenges elegantly and cleverly.

### WHAT IS YOUR FAVORITE QUOTE?

Circumstances don’t matter, only state of beings matters. ~Bashar