



TEXAS SECTION
Austin Branch

ASCE AUSTIN BRANCH NEWSLETTER

November 2021

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NOVEMBER BRANCH MEETING

BY TYLER DUBE, P.E.

REGISTRATION REGISTER BY 11/16 AT 12PM

- ▶ DATE | 11/16/2021, 11:30am - 1:00pm
- ▶ LOCATION | Zoom Virtual Meeting
- ▶ LINK | [Click here to register](#)

MEETING TOPIC WATERLOO GREENWAY UPDATES

Please join us for our November virtual branch meeting. We will receive a presentation and updates about Waterloo Greenway Capital Project from Director of Planning and Design John Rigdon at the Waterloo Greenway Conservancy.

MEET THE SPEAKERS

John is at the helm of Waterloo Greenway capital project, skillfully weaving together the efforts of the project managers, the City of Austin, and the design team. With roots in sustainable city planning and community engagement, he has provided forward-looking solutions to a vast array of project management, design, and programming challenges across his career. John earned an M.S. in community and regional planning from The University of Texas at Austin.



John Rigdon

THANK YOU TO THIS MONTH'S SPONSOR!



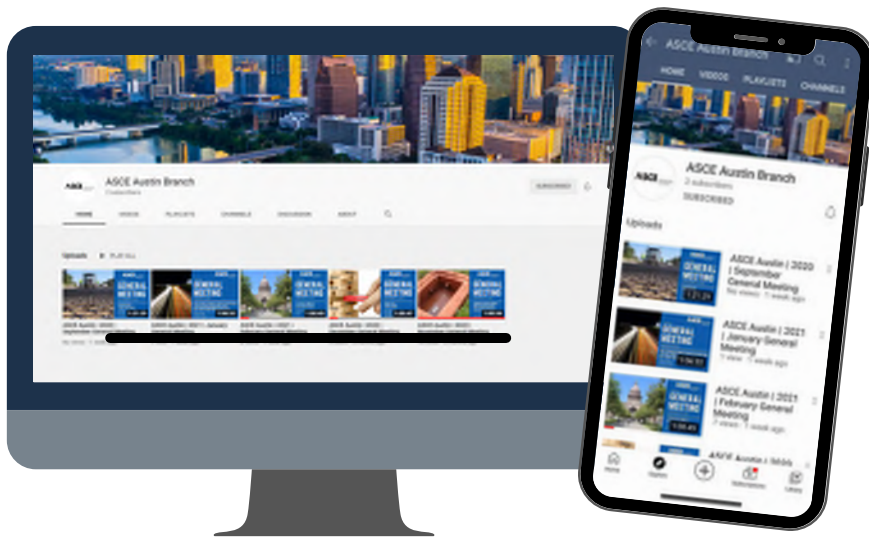
WGI is a multi-discipline professional services firm leading our profession in technology-based design solutions for the construction of public infrastructure and real estate development. At WGI, we like to say that we're providing Tomorrow's Infrastructure Solutions Today. The built environment and the process by which we envision, design, and build infrastructure, is changing faster than ever. With nearly 600 professionals spread across 18 offices in some of the most desirable locations in the country, we are at the leading edge in this sea of change.

AUSTIN BRANCH YOUTUBE CHANNEL

BY ANTHONY GAVLIK, P.E.

Did you miss a past meeting? Don't sweat it! You can now watch past virtual meetings on our YouTube channel. Click [here](#) to check out the YouTube page, and click below to view the following meeting recordings:

November 2020	"EWB Austin in Tanzania" by Lizzie Wilson, EIT and Mazen Zee Alameddine
December 2020	"Professional Practice Updates and Ethics" by Rick Valdes, PE
January 2021	"Use of Shared Automated Vehicles for First-Mile Last-Mile Service: Micro-simulation of Rail-transit Connections in Austin, Texas" by Yantao Huang
February 2021	"TFC Capitol Complex – Reflecting on Phase I" by Paul Bielamowicz, PE
May 2021	"2021 Texas Section Government Affairs Update" by Austin Messerli, PE



Upcoming Events

11/6	YMF: Shoal Creek Clean Up
11/10	YMF: A Conversation with Reconnect Austin
11/13	YMF: Joint UT ASCE/YMF Tailgate
11/16	Austin Branch Meeting
11/18	SEI Professional Meeting

Younger Member Forum Update

BY CLINT SMITH, E.I.T. C.F.M.

Shoal Creek Clean Up

Join us to help clean up the creek!

When: Saturday, November 6
from 10 am – 11:30 pm

Where: Pease District Park



A Conversation with Reconnect Austin



Join us to hear about the alternate plan to TXDOT's plan for I-35 through downtown Austin!

When: Wednesday, November 10th from 7 PM – 8 PM

Where: Ernest Cockrell Jr. Hall Room 1.322 (or on zoom, link will be on Instagram week of)

Joint UT ASCE and ASCE YMF Chapter Tailgate

When: Saturday, November 13th TIME: TBD

Where: Next to ECJ

Join us as we tailgate with the UT Chapter of ASCE!

We had a great turn out at our social on Thursday, October 28th at Cidercade. Thanks to everyone who came and brought a coworker or dressed up!



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[ASCE YMF ATX](https://www.facebook.com/ASCE.YMF.ATX)



[austinasce.org/
younger-members](https://austinasce.org/younger-members)

If you are interested in learning more about ASCE YMF ATX, please contact our president David Contreras at dcontreras@gad.com



SEI's goal is to advance and serve the Structural Engineering profession. Please see the opportunities and events below we offer as part of the SEI Austin Chapters effort to advance and serve the Structural Engineering profession.

SEI Electrical Transmission and Substation Structures Congress Scholarships

Student scholarships are available for the conference which is scheduled for Oct 2-6, 2022 in Orlando. Applications are available at: <https://www.etsconference.org/program/student-scholarship>

2022 SEI Structures Congress

Students and young professionals can also apply by December 5 for scholarships to Structures Congress April 20-23 in Atlanta via <https://www.structurescongress.org/program/scholarships>

Professional Meeting:

SEI offers Professional Meetings every other month, September through May, which feature a presentation on some current projects, research, or developments in the Structural Engineering profession. Our next Professional Mtg will be broadcast at noon on Nov 18th featuring Dr. Wassim Ghannoum, Associate Professor at UTSA and one of the founding members of this SEI Chapter. He will be presenting his latest research on Bridge Load Testing using Digital Image Correlation (DIC) Technology. Taking advantage of recent advances in DIC, the newly completed Civil Infrastructure Vision (CIV) system makes bridge load testing faster and more economical with accuracy on the order of 1/1,000th inch.

For more information on our November meeting, watch for the SEI e-blasts that Austin Chapter President Eric Sammarco sends or go to our website and register: : <https://www.austinasce.org/>.

Structural Engineering Talks (SET) 2021/2022:

Planning continues for SET. As Texas continues to open up and get back to in-person activities, we are watching what the experts are saying and our membership's comfort level for the right time to hold SET in person. Currently we are considering holding it in Spring 2022. Until then you'll find links to past SET presentations as well as updates at <https://www.austinasce.org/sei/set>



Additional Opportunities & Resources:

1. New national SEI website

Take a look at the new more user friendly design: Visit SEI Now: [Visit SEI Now](#)



2. SEI Standards Series

Join live, virtual sessions for exclusive interaction with expert ASCE/SEI Standard developers on state-of-the-market updates. Participants will learn about technical revisions and review a design example. Attendees are encouraged to join and participate in Live Q&A. The next one is on Sept 16th and will focus on ASCE/SEI 59 Blast Protection of Buildings. REGISTER NOW at <https://cutt.ly/9hQDTEo>

3. Structures Congress 2022

To be held in person in Atlanta April 20-23, 2022. Registration and additional info will be available mid-September here: [Learn More](#) Scholarships are available through the SEI Future Fund for students or young engineers. To apply or get more information go here: [Apply Today](#)

4. SEI Structures Congress 2020 Proceedings

<https://ascelibrary.org/doi/book/10.1061/9780784482896>This site provides access to the papers that were to be presented at the 2020 Structures Congress.

5. Free Collection of Articles

In response to the Champlain Towers South collapse in Surfside, Florida, The ASCE Library has assembled papers highlighting the importance of condition assessment of buildings that are available for free through September 16th here: [Available for free](#)

6. ASCE Collaborate

<https://collaborate.asce.org/events/events200>

This is a collaboration page normally reserved for ASCE members but now open to all. It contains several events that can be joined. Most events are free of charge.

BY ANDREA BRYANT, P.E.

INFRASTRUCTURE INVESTMENT AND JOBS ACT

The Infrastructure Investment and Jobs Act, also referred to as the Bipartisan Infrastructure Package, passed in the Senate in August and will soon be brought to vote in the House of Representatives. If passed, the bill will provide federal funding towards infrastructure improvements across the country.

In March, President Biden unveiled the American Jobs Plan at a cost of \$2.3 trillion. The plan was focused on job creation and proposed a broad array of federal investment in infrastructure, housing, education, and job training. The plan was part of President Biden's three-tier Build Back Better Plan, which included the American Rescue Plan, a \$1.9 trillion COVID-19 relief package that was signed into law in March and the American Families Plan, a \$1.8 trillion human infrastructure package that has yet to pass into law.



Since then, the American Jobs Plans has gone through numerous iterations to appease concerns raised by both parties and has been reintroduced as the Infrastructure Investment and Jobs Act of 2021, with a total cost of \$1.2 trillion. The bill allocates \$550 billion in new spending on transportation, water, power, and pollution abatement projects and regular annual spending on infrastructure projects.

If you'd like to support infrastructure investment like the Infrastructure Investment and Jobs Act of 2021, please consider becoming an ASCE Key Contact. As a Key Contact, you will reach out to legislative members to present a unified message; this can be as simple as forwarding your legislator an email from ASCE. Visit ASCE's Key Contact Program page and get registered today. <https://www.asce.org/keycontacts/>

COMMUNITY SERVICE EVENTS

BY LAURA FRIELLO, P.E. AND MICHAEL CHAVEZ, P.E.

GARDENING AND LANDSCAPING AT COMMUNITY FIRST



Mobile Loaves & Fishes
Serving Goodness®

Date: Saturday, January 15th, 2022

Time: 9 am – 12 pm

Details: Everyone should arrive by 8:45am so there's plenty of time to get everyone checked in, oriented, and into the right spot by 9am.

Recommended attire is close-toed shoes and long pants or socks.

Additionally, you will need to bring a water bottle and a pair of gardening gloves.

Register: Email us by December 20th to confirm your interest.

Registration links including waiver/release forms will be sent at the beginning of January.

ASCE AUSTIN LEADERSHIP OPPORTUNITIES

If you're looking for ways to get more involved with your local ASCE branch, you're in luck! We're actively recruiting for multiple open positions for ASCE Austin, EWRI, SEI, and more. If you are interested in any of our committees, please contact our and our Nominations Committee Chair

2020-2021 ASCE AUSTIN OFFICERS & COMMITTEE CHAIRS

PRESIDENT

Sam Shorter, P.E.
Miller Gray
president@austinasce.org

PRESIDENT-ELECT

Paul Hahn, P.E.
Aguirre & Fields
presidentelect@austinasce.org

VICE PRESIDENT - PROGRAMS

Tyler Dube, P.E.
Pape-Dawson Engineers
vicepresident@austinasce.org

SECRETARY

Leanne Cantalupo, E.I.T.
Garver
secretary@austinasce.org

TREASURER

Genest Landry, P.E.
City of Austin
treasurer@austinasce.org

TREASURER-ELECT

Augustine Verrengia, P.E.
WGI
treasurerelect@austinasce.org

COMMUNICATIONS DIRECTOR

Austin Messerli, P.E.
K Friese + Associates
communications@austinasce.org

SECTION DIRECTOR

Kat Lauer, E.I.T.
Garza EMC
texassection@austinasce.org

YOUNGER MEMBER DIRECTOR

Kaylyn Hudson, E.I.T.
Freese & Nichols
yymfdirector@austinasce.org

PAST PRESIDENT

Bradley East, P.E.
Polar Forensics, Inc.
pastpresident@austinasce.org

EWEEK/STUDENT OUTREACH COMMITTEE

OPEN

SCHOLARSHIP COMMITTEE

Robyn Ito
SSFM
Reid Johnson
Garver
scholarships@austinasce.org

CORPORATE SPONSORSHIP COMMITTEE

Amos Emerson
Millennium Engineers Group
sponsorship@austinasce.org

MEMBERSHIP COMMITTEE

Griselda Quintero
Miller Gray
membership@austinasce.org

WEB PAGE & SOCIAL MEDIA COMMITTEE

Lily Aung, P.E. &
Marita Moya, P.E. C.F.M.
Web Master
webmaster@austinasce.org
Anthony Gavlik P.E.
Social Media Chair
HNTB

NOMINATING COMMITTEE

Bradley East, P.E.
Polar Forensics, Inc.

PUBLIC RELATIONS & COMMUNITY SERVICE COMMITTEE

Laura Friello P.E.
Garver
Michael Chavez, P.E.
Garver
publicrelations@austinasce.org

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MWM Design Group

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David Matocha
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Building Diagnostics, Inc.

GOVERNMENT AFFAIRS COMMITTEE

Andrea Bryant, P.E.
Freese & Nichols
governmentrelations@austinasce.org

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Tony Buonodono, P.E.
MWM Design Group

UT AUSTIN MENTORING COMMITTEE

Robert Ramon, P.E.
(Practitioner Advisor)
Johnson, Mirmiran & Thompson, Inc.

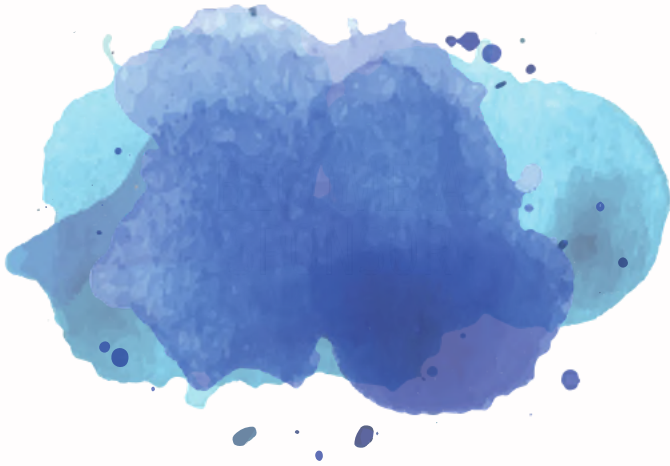
STUDENT CHAPTER CONTACT COMMITTEE

OPEN

SPONSORSHIP OPPORTUNITIES

SPONSOR THE ASCE AUSTIN BRANCH FOR 2021!

BY AMOS EMERSON, P.E.



We ask that all members consider supporting your local ASCE branch during these uncertain and difficult times. Almost all the functions of the organization are dependent upon these sponsorships and we cannot do all the great things that we do, without YOUR SUPPORT!

For more information about the benefits of sponsorship visit www.austinasce.org/sponsors.

If you have any questions or for more information please email sponsorship@austinasce.org.

SPONSORSHIP OPPORTUNITIES

\$300 | ANNUAL SPONSORS

- Valid for 1 Year after date of purchase.
- Company logo is displayed on newsletters, mailers, and at ASCE branch meetings.
- Free postings on the ASCE job board.

\$350 | MONTHLY BRANCH MEETING SPONSORS

- Company highlight in event promotion emails.
- Special recognition at branch meeting event.
- Opportunity to give a brief introduction of your Company during the event.

\$300 | CONTINUING EDUCATION EVENT (2021)

- Company highlight in event promotion emails.
- Several additional levels of sponsorship available.

\$850 | SPECIAL BUNDLE RATE

- Save \$100 when you pledge to support all three!
- Includes Annual Sponsorship
- Includes one credit for monthly branch meeting sponsorship.
- Includes sponsorship at Continuing Education event.

THANK YOU TO OUR SPONSORS!



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