April Branch Meeting

By: Travis Isaacson, P.E.

**Topic**
TXDOT – Mobility 35 Program

**Speaker Bio**
Karen Marie Lorenzini, P.E., serves as the Mobility35/I-35 Program Manager for the Texas Department of Transportation, Austin District. Since January 2015, she has managed the program’s evolution from a plan into implementation, leading a broad team of TxDOT partners and engineering consultants to advance projects through the development process – preliminary design and environmental studies, final designs, and into construction. Seven Mobility35 projects are currently in construction, with three substantially complete. Over 30 additional projects are envisioned based upon the Mobility35 Implementation Plan completed in 2014. Karen’s previous work experience includes four years at the Texas A&M Transportation Institute (TTI) and the remainder of her career in the private sector supporting a variety of public agencies, primarily TxDOT. Karen lives in Austin with her husband and two girls, and she works actively to improve public spaces in her neighborhood.

**MEETING INFO**

Cost if Pre-registered by 4/13 at Noon:
- $30 - Member / Guest
- $20 – Gov’t / Life Members / Retirees
- $15 – Students

Cost if Not Pre-registered or Walkup:
- $40 - Member / Guest
- $30 – Gov’t / Life Members / Retirees
- $25 – Students

Meeting Information:
- Date and Time: April 17th from 11:30 am to 1:00 pm
- Location: Phillips Event Center, 8140 Exchange Drive, Austin, Texas 78754
- RSVP: [http://events.constantcontact.com/register/event?llr=h9o54mhab&oeidk=a07eejcaozq8a599a88](http://events.constantcontact.com/register/event?llr=h9o54mhab&oeidk=a07eejcaozq8a599a88)
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Forterra is a publicly traded company. (Nasdaq: FRTA) Forterra has grown steadily to become a leading manufacturer of water-related drainage and transmission products in the United States and eastern Canada. Today, we are a market leader across all of our business divisions, which include drainage pipe & products, water pipe & products, structural & specialty products, and stormwater management systems.

Our extensive suite of end-to-end products covers “the first mile to the last mile” of the water infrastructure grid, ranging from large diameter pipe that transports water to and from treatment centers and manages drainage along major transportation corridors, to smaller diameter pipe that delivers potable water to, and removes wastewater from, end users in residential and commercial settings.

Throughout our growth, however, we have remained focused on why we continue to expand: So we can better serve our customers. We employ a specialized technical sales force, including engineers and field service representatives, which enables us to deliver a high degree of customer service and create tailored solutions.
President’s Message
By: Glenn Goldstein, P.E.

Greetings!

Spring is here and I hope you are enjoying the weather and wildflowers. For the Austin Branch, spring is a time for new beginnings and new faces - we are currently looking for members interested in serving the Branch for 2018-2019. If you are a member of the Branch and would like to get more involved, I encourage you to do so by joining one of the many committees or becoming a Board member of the Austin Branch. The leadership skills that can be developed and relationships built through serving and volunteering with the Branch are invaluable to your professional development.

The Branch cannot operate without the many volunteers that serve the 17-county area and over 1,200 members. If you'd like to get more involved with the Austin Branch, please contact me at glenn.goldstein@rsandh.com or reach out to any officer.

The Branch takes great pride in connecting with the local community and student outreach plays a big role. Our Student Outreach Chair, Anali Gonzalez, has connected us with Austin ISD for a huge outreach opportunity at Kealing Middle School on April 17th and 18th. We need your support and volunteers are wanted! I encourage you to contact Anali at analim@mwmdesigngroup.com to see how your time supports the Branch and our community.

The 2018 Austin Branch Continuing Education Conference took place on April 6th and featured 11 presentations by 13 outstanding speakers. I'd like to thank and congratulate our Professional Development and Continuing Education Chair, Claudia Corsetti, who put in countless hours to ensure a successful conference! Big thanks to Kacey Paul, Jason Garza, and Roxanne Cook for your time and energy. And we couldn’t have done it without the support of our sponsors, speakers, and attendees. Thank you!

Spring is always a busy time with the Branch so check out our calendar for upcoming events and opportunities.

Looking forward to seeing you at our April luncheon.

Glenn
Greetings from the SEI Austin Chapter! It’s an exciting month for us as SET 2018 was held on Wednesday, April 4. The event was held from 6:30pm to 8:30pm to a packed house at the Alamo Drafthouse on South Lamar.

This was our fourth year of SET, providing unconventional, thought-provoking talks from Structural Engineering industry leaders over dinner and drinks. The goal is to offer a look at structural engineering from a different perspective. For the first time, TxDOT and UT Austin partnered with SEI and SEAoT to bring this one-of-a-kind event. SET 2018 attendees were provided the opportunity to earn 2 PDHs. We hope to see you at the next one!

SET Speakers
- Dr. Ramon Gilsanz - Founding Partner, Gilsanz Murray Steficek
- Mr. Kirk Marchand - Founding Sr. Principal, Protection Engineering Consultants
- Dr. David Fowler - Emeritus Professor, The University of Texas at Austin
- Dr. Randy Poston - Founding Principal, Pivot Engineers

SET Sponsors

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Stay Connected!

Also, please stay tuned for more information on our upcoming May technical meeting. As always, you can stay plugged into the SEI Austin Chapter via our website where you’ll find the latest and greatest regarding upcoming events and chapter leadership. We always welcome your thoughts on future technical and social events. If there’s something you’d like to do then we’d like to hear about it. Please send your thoughts to the SEI Austin Chapter Board at [sei.austin.tx@gmail.com](mailto:sei.austin.tx@gmail.com).
YMF News & Updates
By: Marita Moya, EIT & Coby Gee, P.E.

YMF Announcements & Updates!
ASCE Younger Member Forum (YMF) welcomes and encourages young engineers to become actively involved. For those of you who are unfamiliar with the purpose of YMF, the group’s goal is to direct ASCE’s mission towards engineers age 35 and under. YMF Austin offers opportunities to network with peers, learn more about the profession, provide leadership experience and encourage the full professional development of Younger Members (YMs). If you are interested in learning more about ASCE YMF Austin, please contact our president Coby Gee at coby.gee@freese.com.

ASCE is Volunteering at Sammy’s House!!
YMF is looking to Volunteer April 21st at Sammy’s House to help with the maintenance of their facilities.

Sammy’s House is a nonprofit agency that provides services for children with and without special needs. They operate a child development center, a respite care program, summer camp and family support services to fill the gaps in services for children, especially those who are medically fragile and/or developmentally delayed in the Austin, TX and surrounding area. They serve children 0-16 years old.

Keep an eye out for more information soon! You can learn more about Sammy’s House at their website http://www.sammyshouse.org/.

Austin ASCE YMF Golf Tournament this Week!
Please join us on April 13th, 2018 at the Avery Ranch Golf Course for our YMF Golf Tournament. This blockbuster event benefits the YMF Scholarship and Sammy’s House. The event begins at 12:30pm. Please Contact Ryan Chapin at rchapin@rios-group.com to sign up!

Let’s Get Social!
Friend us in order to interact with other young engineers, be kept up to date on current civil engineering issues and be notified of future YMF events. Find us on Facebook at https://www.facebook.com/ASCE.YMF.ATX/.

Next Branch Meeting 4/17/2018
EWRI News & Events
By: Cindy Engelhardt, P.E., CFM

13TH ANNUAL CONTINUING EDUCATION WORKSHOP
The Confluence of Water Resources Disciplines

SPEAKER PRESENTATIONS

Jamie Houle
BMP Maintenance

USACE—Fort Worth District
NOAA Atlas 14

Dr. Robert Hawley
The Natural Disturbance Regime of Urban Streams

City of Austin
Objective Zero

City of Austin
Code Next

Barton Springs Edwards Aquifer Conservation District
Aquifer Storage Recovery

The Meadows Center for Water and the Environment
Edwards Aquifer Habitat Conservation Plan

Asakura Robinson
Confluence of Landscape Architecture and Water Quality Regulations

Opti RTC
Real-Time Controls

Ten Eyck Landscape Architects
Balancing User Experience

ENVIRONMENTAL & WATER RESOURCES INSTITUTE
Austin Chapter

FRIDAY 6-15-18
UT Austin Commons Learning Center
J.J. Pickle Research Campus

Contact Lee Sherman for Sponsorship Opportunity, Lee.Sherman@austintexas.gov

2018 Continuing Education Workshop
Please join us for the 13th annual EWRI Austin Chapter Continuing Education Workshop on Friday, June 15th at the UT Austin Commons Learning Center, located on the J.J. Pickle Research Campus. This year’s theme is “The Confluence of Water Resources Disciplines”, and the event will focus on multi-discipline design for water resources projects. Presentations will be given by local and national landscape architects, ecologists, civil engineers, and other scientists as shown above. Topics will range from aquifer protection and LID design, to the latest research in the water resources field. We encourage all water resources professionals to attend so we can use this opportunity to learn from each other’s disciplines and continue to collaborate. For more information, visit our page at https://www.austinasce.org/ewri/.

- Interested in sponsorship? Please contact Lee Sherman (Lee.Sherman@austintexas.gov).
- Interested in getting involved on the planning committee? Please contact Kim Patak (kkp@freese.com).
- Link - https://www.eventbrite.com/e/13th-annual-continuing-education-workshop-tickets-44706743072
The Texas Section is conducting their Spring 2018 Board Meeting during the ASCE Texas Section Student Symposium. I am pleased to report the Austin Branch has given me plenty to brag about at the Board Meeting. It’s always fun to let the rest of the state know about the great things happening at the Austin Branch; especially while doing so in Aggieland!

Texas Section live monthly webinars are available for purchase via a six-month subscription. The subscription price is $150 for members and $250 for non-members. The first part of the 2018 subscription is January through June. Be thinking about signing up for the second part of 2018, July through December. The webinars usually take place on the second Tuesday of each month. Each webinar is worth one Professional Development Hour and is available for purchase individually for $35 for members, $75 for non-members. The Texas Section is always looking for new webinar topics. Contact Mike Sosa at msosa@texasce.org or 512-472-8905 to sign up.

CECON will be here before you know it. Please make plans to attend. The event is a lot of fun and much effort is placed on engineering topics. It is just down the road at the City of San Marcos Conference Center. If you have never been to a Texas Section event, make CECON 2018 your first. It will not be your last.

**Key Texas Section Event Dates for 2018:**

**April 2018**
- Student Symposium - Texas A&M University, College Station (April 11 - 14)
- Board Planning - Mike Sosa (512) 910-2202 or msosa@texasce.org
- Meeting Arrangements - Robert A. Appleton P.E.(979) 458-8217 or bob_appleton@tamu.edu
- Competitions Coordination - Cynthia A. Syvarth PE or (512) 687-2185 texmexjudge@gmail.com

**June/July 2018**
- Leadership Development Weekend - Location & Date TBD
- Executive Committee Meeting - Location & Date TBD

**September**
- CECON 2018 - San Marcos, TX (September 18 - 21)
- Embassy Suites Hotel & Conference Center
- Conference Planning Committee Chairs:
  - Co-Chair - Kara J. Heasley PE (210) 850 – 1557 kheasley@jonescarter.com
  - Co-Chair - Melanie Gavlik PE (361) 814 – 9900 mgavlik@hanson-inc.com

**Key Society/Region 6 Events:**

**April 2018**
- ASCE Structures Congress - Fort Worth, TX (April 18 - 21)

**January 2019**
- ASCE Multi-Region Leadership Conference & Workshop for Section/Branch Leaders - Dallas, TX (Date TBD)

**Key National Events for 2018:**

**May**
- Infrastructure Week (May 14 – 18)
Kealing Middle School Outreach Event

VOLUNTEER FOR THE FUTURE OF ENGINEERING

VOLUNTEER AT KEALING MIDDLE SCHOOL
COME VOLUNTEER AT KEALING MIDDLE SCHOOL BY TALKING ABOUT ENGINEERING AND ENGAGING STUDENTS THROUGH ENGINEERING ACTIVITIES, APRIL 17TH AND 18TH

KEALING MIDDLE SCHOOL
1607 PENNSYLVANIA AVE, AUSTIN, TX 78702
SIGN-UP | analim@mwmdesigngroup.com

Event Link: https://goo.gl/forms/dqvUo3abxbwiY2ag2
Background Checks: https://austinpartners.org/
Hill Country Science Mill Event Recap

The Engineer’s Day @ The Hill Country Science Mill was held Sunday February 25th from Noon until 4pm and was one of two E-Week outreach events officially supported by Austin ASCE.

The Science Mill advertised the event as “Hands-On Learning with the American Society of Civil Engineers. What’s it like to be an engineer? Discover tricks of the trade, basic principles of engineering, and what a day in the life of a civil engineer actually looks like.” The Science Mill also presented showings of Dream Big throughout the day.

ASCE paid for the first $1000 in admissions for the Science Mill Engineers Day event, covering the first 100 visitors. There were 48 children ages 3-16 and 52 adults with those children. The Branch partnered with Central Texas Discover Engineering to utilize some of their giveaway items including pencils, bookmarks and brain-shaped erasers. We also gave away ASCE water bottles.

There were 4 engineer volunteers, including Sharon Hamilton with Atlas Design Services, Linda Barlow with HVJ Associates, Steve Niemeyer with Texas Commission on Environmental Quality, and Margaret King with Bowman Consulting. Sharon also brought 8 girl scouts from her troop to help with the event and earn their “Think like an engineer” badge.

Thanks to the volunteers for making this event a success! These outreach events are a wonderful way to give back to the community and to get involved with fellow Branch members!
Hurricane Harvey Donations Recap

Thanks to your generous donations and support, ASCE Austin will be donating $2,000 to organizations in our area that have been impacted by the hurricane. Causing about $125 billion in damage, Harvey ranks as the second-most costly hurricane to hit the U.S. mainland since 1900. It is estimated that this storm affected 13 million people, 135,000 damaged or destroyed homes, 1 million cars wrecked, and 88 lives lost.

We reached out to every county in our chapter that was impacted by Hurricane Harvey to identify the organizations that are most involved in the relieve efforts. These organizations are shown below. Again, thank you all for your contributions to this cause!

- Bastrop County - Bastrop County Long Term Recovery Team
  - [http://www.bcltrt.org/donate](http://www.bcltrt.org/donate)
- Fayette County - La Grange Area Ministerial Alliance Good Shepherd Fund
  - [https://www.lgreilfe.com/](https://www.lgreilfe.com/)
- Lee County - Ministerial Alliance in Giddings
  - [https://giddingsag.org/](https://giddingsag.org/)

Central Texas Discover Engineering

Volunteer registration IS OPEN. ASCE is a member of Central Texas Discover Engineering (CTDE) to promote engineering thru schools and other STEM education venues. CTDE has partnered with several organizations to create Texas STEM Connections, a web-based tool using the Nepris platform that makes it easy for STEM professionals to connect with K-20 educators, classrooms, out of school time programs, and other volunteer opportunities.

- Create a profile, indicate “ASCE” as an organization you’re affiliated with (add details to your profile through the account settings), and browse the requests for volunteers to find a classroom visit request that meets your interests and availability.
- Watch your email and/or your Dashboard in Texas STEM Connections once you’ve expressed interest in a volunteer request and let the system walk you through the process of confirming.
- Use the online help or more detailed volunteer instructions to help create your profile, set up your account settings and affiliations such as CTDE, and get connected to volunteer opportunities.
- ECOSYSTEM [https://greateraustintemecosystem.org/engineersweek/](https://greateraustintemecosystem.org/engineersweek/)
The ASCE Texas Section’s Government Affairs Committee (GAC) is calling on all Texas Section members to join us as we champion for the support of Infrastructure improvements and investments in Texas. ASCE Texas Section has set a goal to place a copy of the 2017 Report Card for Texas’ Infrastructure in the hands of each of the 181 Texas Legislators during Infrastructure Week this May. Outreach of this kind requires an enormous grassroots effort only made successful when coupled with the right strategies and preparedness.

To educate and prepare our members for this undertaking, the Texas Section is hosting a webinar in conjunction with ASCE called ‘Government Relations University’. Join this FREE webinar on April 24th, presented by ASCE’s Government Relations staff and the Texas Section’s Government Affairs Committee, to grow your advocacy skills and learn how you can help us reach our Infrastructure Week goal.

Additionally, sign-up to assist with the distribution of the 2017 Report Card for Texas’ Infrastructure during Infrastructure Week, please email GovernmentAffairs@TexASCE.org. We need your help!

- **When:** Tuesday, April 24th from 11:30am to 1:00pm
- **Where:** Online
- **Website:** [https://attendee.gotowebinar.com/register/7592436042878272002](https://attendee.gotowebinar.com/register/7592436042878272002)
- **Cost:** FREE
- **Hashtags:** #TimeToBuild #TexASCE #Infrastructure
Corporate Sponsorship
By: Tyler Dube, P.E.

The ASCE Austin Branch is seeking corporate sponsorships for the 2018 calendar year. We are offering a Branch Annual Sponsorship for $300, a Single Meeting Sponsorship for $300, a Special Event Sponsorship for $300, or all three for the low, low, rate of $800! Your generous support will allow us to continue to serve the engineering community of Central Texas and provide for a multitude of our programs and outreach initiatives. Please contact Tyler Dube at (512) 454-8711 or tdube@papedawson.com, or click on the following links:

- Forms may be obtained at https://www.austinasce.org/sponsors/
- Payment: http://events.constantcontact.com/register/event?llr=h9o54mhab&oeidk=a07ee8oieys9fd7d280

Calendar of Events
By: Various

- April 13th, 2018 – YMF Golf Tournament @ the Avery Ranch Golf Club
- April 17th, 2018 – April Branch Meeting @ the Phillips Event Center
- April 17th-18th, 2018 – Annual Volunteer Event @ Kealing Middle School
- April 21st, 2018 – YMF Volunteer Event @ Sammy’s House
- April 24th, 2018 – Government Relations University Webinar
- June 15th, 2018 – EWRI Continuing Education Event @ the J.J. Pickle Campus

List of Branch Sponsors
By: Tyler Dube, P.E.

Thank You To Our Branch Sponsors!