

SCHEDULE AT A GLANCE

WEDNESDAY, SEPTEMBER 2

8:30 a.m. – 7:00 p.m.	Registration Desk Open	Foyer E
8:30 a.m. – Noon	Sporting Clay Shoot-Out Tournament	<i>Please meet at the National Shooting Complex</i>
9:00 a.m. – 4:00 p.m.	Workshop: Tru-Traffic	Grand Ballroom FG
9:00 a.m. – Noon	Tour: Southwest Research Institute	Bus departs at 9:00 a.m. <i>Please meet busses in front of the hotel</i>
9:00 a.m. – Noon	Tour: Riverwalk Mission Reach	Bus departs at 9:00 a.m. <i>Please meet busses in front of the hotel</i>
10:00 a.m. – 5:00 p.m.	Highway Products Group Setup	Grand Ballroom ABCD
12:30 p.m. – 3:00 p.m.	Tour: Toyota Plant	Bus departs at 12:30 p.m. <i>Please meet busses in front of the hotel</i>
1:30 p.m. – 4:30 p.m.	District Board Meeting	Colonnade C (20th Floor)
4:30 p.m. – 5:00 p.m.	Student and Younger Member Meet and Greet	Omni Lobby Bar
5:00 p.m. – 6:00 p.m.	Workshop: Professional Ethics	Grand Ballroom FG
6:00 p.m. – 8:00 p.m.	Highway Products Group Exhibits and Reception	Grand Ballroom ABCD
8:00 p.m. – Midnight	CCTexITE Texas Hold 'Em Card Tournament	Colonnade Ballroom
8:30 p.m. – ?	Tone Def	Foyer E

THURSDAY, SEPTEMBER 3

7:30 a.m. – 5:00 p.m.	Registration Desk Open	Foyer E
8:00 a.m. – 8:30 a.m.	Moderator Meeting	Bolo Restaurant Private Dining Room
8:30 a.m. – 9:30 a.m.	Committee Meetings	Bolo Restaurant Private Dining Room
8:30 a.m. – 9:30 a.m.	Student and Younger Member Professional Development	Colonnade C (20th Floor)
8:30 a.m. – 3:30 p.m.	Exhibit Hall Open	Grand Ballroom ABCD <i>Breakfast served until 10:30 a.m.</i>
9:30 a.m. – 11:30 a.m.	PLENARY SESSION 1	La Joya Ballroom
Noon – 1:15 p.m.	Kick-Off Luncheon	Grand Ballroom EFG
1:30 p.m. – 3:00 p.m.	PLENARY SESSION 2	La Joya Ballroom
3:00 p.m. – 3:30 p.m.	Student Poster Session and Break	Foyer EFG
3:30 p.m. – 5:00 p.m.	CONCURRENT SESSIONS 3A AND 3B	Grand Ballroom E and Grand Ballroom FG
6:00 p.m. – 9:00 p.m.	Thursday Night Social at the Tobin Center for the Performing Arts	<i>Please meet busses in front of the hotel</i>
9:00 p.m. – Midnight	Younger Members Event at Brooklynite	<i>Please meet busses in front of the hotel</i>
10:00 p.m. – ?	Tone Def	Foyer E

FRIDAY, SEPTEMBER 4

8:00 a.m. – Noon	Registration Desk Open	Foyer E
8:30 a.m. – 10:00 a.m.	CONCURRENT SESSIONS 4A AND 4B	Grand Ballroom E and Grand Ballroom FG
10:00 a.m. – 10:30 a.m.	Student Poster Session and Break	Grand Ballroom ABCD
10:30 a.m. – Noon	CONCURRENT SESSIONS 5A AND 5B	Grand Ballroom E and Grand Ballroom FG
Noon – 1:30 p.m.	Business Luncheon	La Joya Ballroom

TECHNICAL PROGRAM

THURSDAY, SEPTEMBER 3

9:30 a.m. – 11:30 a.m.

PLENARY SESSION 1

Hands Off, i-Drive! – Autonomous and Connected Vehicles
Moderated by Brian Moen, City of Frisco

★ **USDOT's Connected and Autonomous Vehicle Programs**
Brian Cronin, U.S. Department of Transportation

★ **TxDOT's Role with the Connected and Autonomous Vehicle Programs**
Jianming Ma, Texas Department of Transportation

★ **Opportunities at the Intersection of Connected Vehicles, Vehicle Automation, and Traffic Management**
Michael Brown, Southwest Research Institute

★ **Case Studies in Connected Vehicles**
Jason JonMichael, HNTB

1:30 p.m. – 3:00 p.m.

PLENARY SESSION 2

Safety First...Toward Zero Deaths
Moderated by Paul Luedtke, City of Garland

★ **Aiming for Zero**
Stephen Ratke, Federal Highway Administration

★ **New York City's Vision Zero Safety Program**
Ann Marie Doherty, New York City Department of Transportation

★ **San Antonio's Focus on Safety**
Terry Bellamy, City of San Antonio

★ **Implementing TxDOT's Highway Safety Improvement Program**
Amanda Worden, Texas Department of Transportation

Spring 2016 Meeting Galveston, Texas

March 30 – April 1, 2016



Moody Gardens Hotel and Conference Center

TECHNICAL PROGRAM

THURSDAY, SEPTEMBER 3 (continued)

3:00 p.m. – 3:30 p.m.

STUDENT POSTER SESSION

View Student Poster Sessions in Foyer EFG.

3:30 p.m. – 5:00 p.m.

CONCURRENT SESSIONS: 3A AND 3B

3A: Ignite! ATMS in a Flash

Opening Statement by Kent Kacir, Kimley-Horn and Associates

What issues are you facing with ATMS? Hear several, very quick presentations on what our agency members have experienced with ATMS. Ignite! us (enlighten us, but make it quick!).

TAKING OVER SIGNALS FROM TXDOT

★ Taking Over Your Signals

Garry Ford, City of New Braunfels

ATMS RELATED

★ Upgrading ATMS

Marc Jacobson, City of San Antonio

★ Features in an ATMS

Will Cummings, City of Lubbock

★ Features of Local Software

Curtis Jarecki, City of Frisco

★ Standards

Mike Taylor, Taylor Traffic Systems

TRAFFIC MANAGEMENT CENTERS

★ Lean and Mean TMC

Troy Rother, City of College Station

★ Shared Space in an EOC

Brian Moen, City of Frisco

PERFORMANCE MEASURES

★ What and Why Data

Jim Dale, City of Austin

WIRELESS PROBLEMS THAT ARE EASY TO FIX

★ Wireless Telecom

John Thompson, JTS Wireless

EXAMPLES OF THIS ATMS IN SAN ANTONIO

★ Examples in Action in San Antonio

Marc Jacobson, City of San Antonio

3B: Highway Products Group Presentations

Moderated by Federico Mendoza, Brown & Gay Engineers

The latest in innovative technology from our transportation industry.

★ Calculating Accurate Travel Time Cost Effectively

Nader Ayoub, Iteris Inc.

★ Highly Accurate Measures of Effectiveness Using Modern Magnetometers

Bill Ische and Chris Jannace, Trafficware

★ Detector Analytics for Volume, Classification, and Incident Metrics

Arnold McLaughlin, Texas Highway Products

★ LEDs in Traffic Signs, Beacons, and RRFBS

Karl Pfizenmaier, TAPCO

TECHNICAL PROGRAM

FRIDAY, SEPTEMBER 4

8:30 a.m. – 10:00 a.m.

CONCURRENT SESSIONS: 4A AND 4B

4A: What Are We Doing Right with Wrong Way Drivers?

Moderated by Melisa Finley, Texas A&M Transportation Institute

★ WWD – State of the Practice

Melisa Finley, Texas A&M Transportation Institute

★ San Antonio's WWD Program

John Gianotti, Texas Department of Transportation

★ NTTA's WWD Program

Eric Hemphill, North Texas Toll Authority

★ WWD Enforcement on Our Freeways

Adolfo Zuniga, San Antonio Police Department

★ New Technologies for Wrong Way Driver Detection

Lynn Randolph, Southwest Research Institute

4B: Transportation Planning for Our Future

Moderated by Michael Garza, Dannebaum Engineering

★ City of San Antonio's Multimodal Transportation Plan

Trish Wallace, City of San Antonio and Kerri Collins, Parsons Brinckerhoff

★ City of San Marcos Transportation Master Plan – A Multimodal Way Forward

Rohit Vij, City of San Marcos and Rashed Islam, HDR

★ Mobility Corpus Christi Program for the City of Corpus Christi Comprehensive Plan

Raymond Chong, City of Corpus Christi

★ Travel Patterns Associated with Millennials

Linda Vela, Parsons Brinckerhoff

10:00 a.m. – 10:30 a.m.

STUDENT POSTER SESSION

View Student Poster Sessions in Foyer EFG.

10:30 a.m. – Noon

CONCURRENT SESSIONS: 5A AND 5B

5A: Complete Streets: A Roundtable Discussion

Presenters:

- *Gary Schatz, Consultant (Session Moderator)*
- *Erin Eurek, Kimley-Horn and Associates, Inc.*
- *Heyden Black Walker, Black + Vernoooy*

Join us for a roundtable discussion on Complete Streets including an introduction to Complete Streets, ADA design considerations based on the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG), and review of various case studies.

5B: Keeping Your Foot out of Your Mouth: Working with the Media

Moderated by Matthew Johnson, Johnson Traffic Design, Inc.

★ Preparing for a Media Interview – Part 1

Veronica Beyer, Texas Department of Transportation

★ Preparing for a Media Interview – Part 2

Bob Kaufman, Texas Department of Transportation

★ An Engineer's Perspective on Dealing with the Media

David Gornet, Grand Parkway Association

PROGRAM HIGHLIGHTS

WORKSHOP: Tru-Traffic

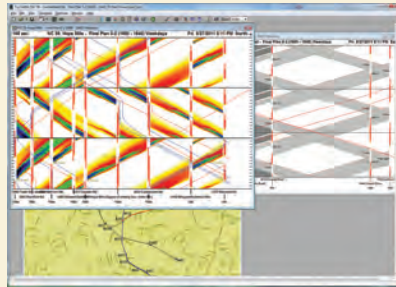
Wednesday, 9:00 a.m. – 4:00 p.m.

This workshop will include discussion and hands-on exercises in using Tru-Traffic version 10.0 for traffic signal coordination, including manual and automatic optimizations and also for travel-time and delay studies (with a GPS receiver).

Discussion will include drafting time-space diagrams, platoon-progression diagrams, time-location diagrams, and (with data from runs with a GPS receiver) travel-time and delay reports, speed-distance plots and travel time-distance plots.

Students are encouraged to bring laptops in order to work through a few in-class exercises.

Instructor: Greg Bullock, Tru-Traffic



NETWORKING EVENT: SPORTING CLAY SHOOT-OUT (must pre-register)

Wednesday, 8:00 a.m. – Noon

Join members and vendors for the morning at the National Shooting Complex located at 5931 Rof Road, San Antonio. Located along the edge of the beautiful Texas Hill Country, the National Shooting Complex is known as one of the most complete sport shooting and recreational facilities in the world. Each team will be escorted by a Certified Instructor, who will keep score and provide helpful hints and general instruction.

The event starts at 8:00 a.m. on Wednesday morning with shooting beginning at 8:30 a.m. Included in the registration fee: 50 targets, breakfast, tournament memento, and trophies.

The National Shooting Complex will provide: hearing protection, eye protection, shotguns, and shells, but you are welcome to bring your own if you desire. Transportation is not provided. You must wear closed-toed shoes.

WORKSHOP: Ethics Session

Wednesday, 5:00 p.m. – 6:00 p.m.

This session will meet the requirements of the Texas Board of Professional Engineers for ethics training. The workshop is free and will meet on Wednesday afternoon after the above workshops and before the vendor exhibit reception.

Instructors: Mike Nichols and Stephanie Buckingham, Freese & Nichols

NETWORKING EVENTS: Highway Products Group Reception and Exhibits

Wednesday, 6:00 p.m. – 8:00 p.m.

Kick things off on Wednesday evening by visiting with your colleagues at the Highway Products Group reception and exhibits. Take a look at the latest innovations in signal equipment, pavement markings, signing, lighting, and much, much more. Food, drinks, and door prizes! Exhibits will also be open Thursday morning.

NETWORKING EVENT: TEXAS HOLD 'EM TOURNAMENT

*Wednesday,
8:00 p.m. – Midnight*

TexITE will be hosting a Texas Hold 'Em Tournament on Wednesday evening following the Highway Products Group reception.

Join in the game for fun and prizes. No experience necessary.



TECHNICAL TOUR: Southwest Research Institute Autonomous Vehicle Tour

Wednesday, 9:00 a.m. – Noon

Take a tour of the Southwest Research Institute® (SwRI). SwRI is an independent, nonprofit, applied research and development organization. You will see live demonstrations of autonomous vehicle technology including an automated semi-truck and a HMMWV. In addition the tour will include demonstrations of connected vehicle technology, unmanned aerial vehicles, and other transportation management system technologies.

The cost of the tour is \$30 and is limited to 25 people. Transportation will be provided.



TECHNICAL TOUR: Toyota Plant Tour

Wednesday, 12:30 p.m. – 3:00 p.m.

Take a tour of the Toyota Motor Manufacturing Texas (TMMTX). You will hear and see just what goes into the manufacturing of the Toyota Tundra and Tacoma as they roll off the line each day.

The tour guides will take you through 2.2 million square feet of the facility. First you will be taken into the body weld shop. Here you will watch a team of computer-controlled robots use state-of-the-art technology to weld stamp steel pieces together.

Next, you will move into the plastics shop. This is where critical components, including the vehicle bumpers and instrument panels, are made. Following, you will see overhead conveyors transport the trucks from paint to the final line in assembly.

The cost of the tour is \$30 and is limited to 25 people. Transportation will be provided. Long pants, close-toed shoes and sleeved shirts are required.



TECHNICAL TOUR: River Walk Mission Reach Tour

Wednesday, 9:00 a.m. – Noon

Tour the new Mission Reach of the River Walk. The Mission Reach segment of the San Antonio River is a large-scale restoration of an eight-mile river segment channelized by the U.S. Army Corps of Engineers in the 1960s.

This \$271M river ecosystem project balanced key components of environmental restoration, habitat enhancement, public space (recreation) development, historical education, and flood protection. Bexar County, San Antonio River Authority, City of San Antonio, and the U.S. Army Corps of Engineers collaborated closely in a complex partnership for the development.

The bus tour will stop at several locations along the Mission Reach, and be guided by members of the project design team.

The cost of the tour is \$30 and is limited to 25 people. Transportation will be provided. The tour will be held outside, so dress appropriately. Bottled water will be provided.



PROGRAM HIGHLIGHTS



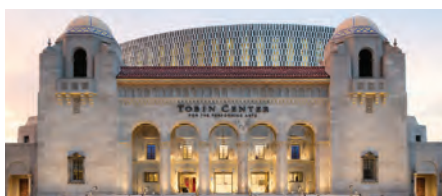
KEYNOTE SPEAKER: Mike Frisbie

Thursday, Noon – 1:15 p.m.

Mike Frisbie's 25-year career began with his graduation from the University of Wyoming with a Bachelor's of Science degree in Civil Engineering.

His current position is serving as the Director/City Engineer of the City of San Antonio's Transportation & Capital Improvements (TCI) Department. Mr. Frisbie has previously served as City Transportation Engineer for Sandy, Utah.

He held two positions of increasing responsibility during his 12-year tenure with the City of Phoenix, Arizona, before joining the URS Corporation in Phoenix as the Municipal Engineering Manager.



NETWORKING EVENT: Thursday Night Social

Thursday, 6:00 p.m. – 9:00 p.m.

Join us for our Thursday Night Social at the Tobin Center for the Performing Arts. Located along the River Walk, we will be located in the state-of-the-art Tobin Center Performance Hall.

Enjoy the ambiance of the newly renovated center, or explore the River Walk from the outdoor River Walk Plaza. Shuttle buses will transport guests to and from the Omni Hotel.

NETWORKING EVENT: Thursday Late-Night Social

Thursday, 9:00 p.m. – Midnight

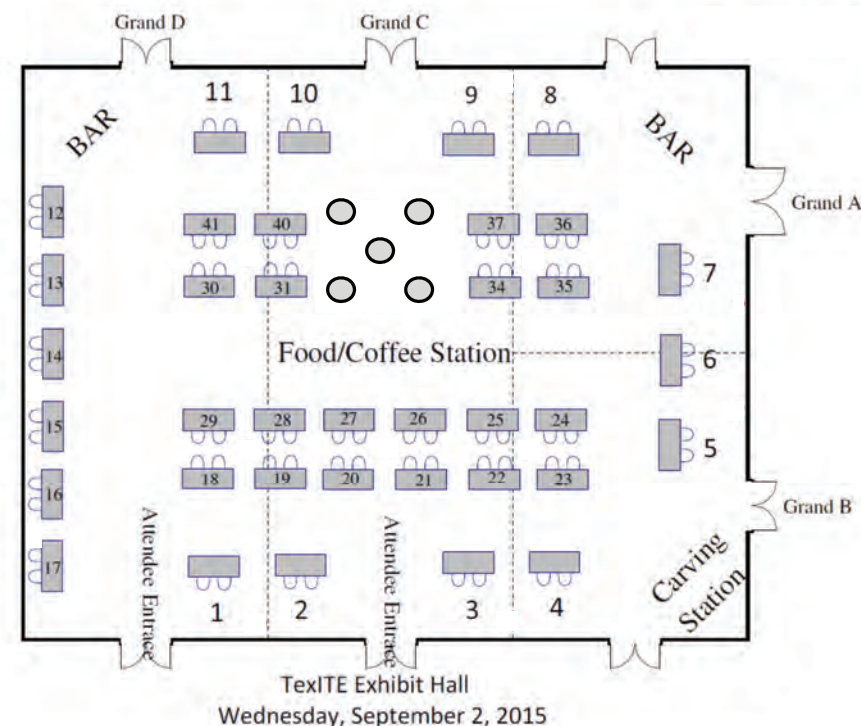
After the Thursday Night Social at the Tobin Center, take a short walk along the Riverwalk and meet us at the Brooklynite.

The Brooklynite offers hand-crafted cocktails, beer, and wine in a comfortable, speak-easy inspired atmosphere. From here, feel free to explore the San Antonio Riverwalk, the number one tourist attraction in Texas.

To the south is the bustle of the original stretch of the Riverwalk and to the north is the new Museum Reach of the Riverwalk and the recently redeveloped Pearl Brewery. There will be a continuous shuttle bus running from the Brooklynite to the hotel.



HIGHWAY PRODUCTS GROUP EXHIBITORS AND MAIN FLOOR MAP



COMPANY	BOOTH	COMPANY	BOOTH
Brown Traffic Products, Inc.	6 and 7	Paradigm Traffic Systems	16 and 17
Consolidated Traffic Controls, Inc.	3 and 4	Peek Traffic Corp	34
Control Technologies, Inc.	5	Pelco Products, Inc.	12
Dynamic Vision Co. Inc.	37	Quality Counts, LLC	35
ELTEC	30	Sensys Networks	27
Encom Wireless Data Solutions USA, Inc.	26	Siemens Industry, Inc./RUGGEDCOM	29
EtherWAN Systems, Inc.	15	Skyline Products	19
Horizon Signal Technologies	9	TAPCO	14
Intuicom, Inc.	40	TechOne Sales LLC	2
Iteris, Inc.	11	Texas Highway Products, LTD.	22 and 23
ITS Plus, Inc.	1	Tomar Electronics	41
K&K Systems, Inc.	21	Trafficware	10
Leotek USA	20	TransCore	24
McCain, Inc.	25	Trinity Highway Products	28
MS2	18	Twincrest Technologies	13
N-LINE Traffic Maintenance	8	Valmont Industries	36
		Wireless Technology, Inc	31

PROFESSIONAL DEVELOPMENT HOURS

According to the Texas Board of Professional Engineers (TBPE), 15 professional development hours (PDHs) are required each year for license renewal. A PDH is defined as a contact/clock hour on any qualifying course or activity with a clear purpose and objective to maintain, improve or expand the skills and knowledge relevant to the license holder's engineering field. Courses, presentations or activities related to engineering in a technical, managerial or ethical manner count toward PDHs.

There are two basic criteria for an activity to count:

1. Is the specific activity on the list of activities in the rule? (see the TBPE website for an excerpt from the rule)
2. Is the activity relevant to the practice of a technical profession and does it include technical, ethical, or managerial content?

The board wants the reporting process to be as simple as possible, and consequently, there are only two things that a license holder needs to do:

1. Certify on the renewal statement that you have completed the Continuing Education Program (CEP) requirement and return it with your renewal payment. This is the main document that the board reviews and keeps as a record of completing the CEP requirement.
2. Keep some sort of paper proof of your activity. We recommend that you retain a copy of the program along with any presentations you attended.

For additional information, access the TBPE website at http://engineers.texas.gov/cep_faq.htm.



NOTES

Thank You

TexITE would like to gratefully acknowledge the generous support of our sponsors for the 2015 ITS Fall Meeting.

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The Texas District of the Institute of Transportation Engineers (TexITE) is a professional organization for individuals in the transportation field that reside in the state of Texas, although membership is not limited to Texas professionals, who strive to help

Texans provide a safer, cleaner and more convenient and efficient transportation system.

For more details visit texite.org.



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If you are tweeting from the meeting,
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