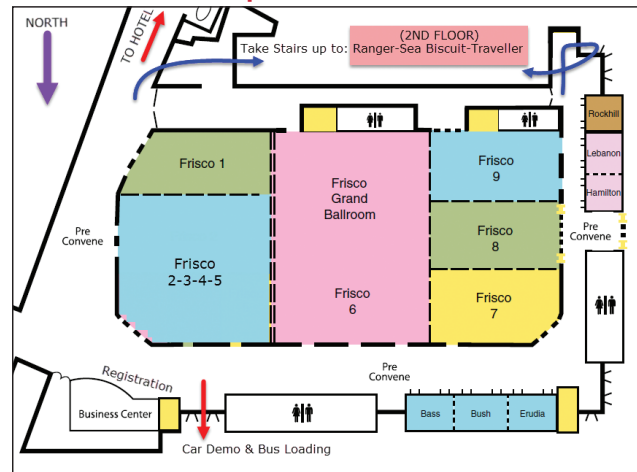


SCHEDULE at a glance

WEDNESDAY, APRIL 19		
8:00 a.m. – 7:00 p.m.	Registration Desk Open	Registration 1
8:00 a.m. – 4:30 p.m.	Workshop: Overview of the New Highway Capacity Manual	Frisco 1
8:30 a.m. – Noon	Workshop: Traffic Signal Operations Training by Iteris	Hamilton-Lebanon School
9:00 a.m. – Noon	Indoor Skydiving and Go-Kart Racing, and Lunch	Bus leaves hotel at 8:45 a.m. and 9:45 a.m. (use doors next to registration desk)
10:00 a.m. – 5:00 p.m.	Highway Products Group Setup	Frisco 6
1:00 p.m. – 5:00 p.m.	V2I Demonstration by TTS: Test Drive a 2017 Audi	Sign up at the TTS Booth in Frisco 6. Meet your guide at the registration desk.
1:00 p.m. – 3:00 p.m.	Technical Tour: The \$5B Mile and the New Cowboys HQ and Practice Stadium	Bus leaves hotel at 1:00 p.m. (use doors next to registration desk)
1:30 p.m. – 4:00 p.m.	District Board Meeting	Bass School
1:30 p.m. – 4:00 p.m.	Workshop: Traffic Signal Operations Training by Iteris	Hamilton-Lebanon School
3:00 p.m. – 5:00 p.m.	Technical Tour: Frisco Traffic Management Center and Safety Town	Bus leaves hotel at 3:00 p.m. (use doors next to registration desk)
4:00 p.m. – 5:00 p.m.	Student and Younger Member Meet and Greet	Hotel Lobby Bar
5:00 p.m. – 6:00 p.m.	Seminar: Professional Ethics	Frisco 1
6:00 p.m. – 8:00 p.m.	Highway Products Group Exhibits and Reception	Frisco 6
8:00 p.m. – Midnight	Texas Hold 'em Poker Tournament	Frisco 2

Conference Hotel Map



SCHEDULE at a glance

THURSDAY, APRIL 20		
8:00 a.m. – 10:30 a.m.	Breakfast	Frisco 2–5
8:00 a.m. – 5:00 p.m.	Registration Desk Open	Registration 1
8:00 a.m. – 5:00 p.m.	V2I Demonstration by TTS: Test Drive a 2017 Audi	Sign up at the TTS Booth in Frisco 6. Meet your guide at the registration desk.
8:00 a.m. – 9:00 a.m.	New and Younger Members Meet and Greet with TexITE Leadership	Bass School
8:00 a.m. – 8:30 a.m.	Moderator Meeting	Frisco 1
8:30 a.m. – 9:30 a.m.	Committee Meetings	Roundabouts in Bush School
9:00 a.m. – 10:00 a.m.	District Board Meeting (if necessary)	Bass School
9:30 a.m. – 11:15 a.m.	PLENARY SESSION 1	Frisco 1
11:30 a.m. – 1:15 p.m.	Kick-Off Luncheon	Frisco 2–5
1:30 p.m. – 3:00 p.m.	PLENARY SESSION 2	Frisco 1
3:00 p.m. – 3:30 p.m.	Student Poster Session and Break	Frisco 6
3:30 p.m. – 5:00 p.m.	SESSION 3	
	Session 3A: New Technologies in Transportation Ranger – Sea Biscuit – Traveller (2nd Floor)	Session 3B: Potpourri Frisco 1
6:00 p.m. – 9:00 p.m.	Thursday Night Social: RoughRiders Baseball Game	Dr. Pepper Ballpark (south of hotel). Game starts at 7:00 p.m.
9:00 p.m. – Midnight	Younger Members Event: The Irish Rover	The Irish Rover (off-site). 8250 Gaylord Parkway, Frisco, Texas

FRIDAY, APRIL 21		
8:00 a.m. – 10:30 a.m.	Breakfast	Frisco 2–5
8:00 a.m. – Noon	Registration Desk Open	Registration 1
8:00 a.m. – Noon	V2I Demonstration by TTS: Test Drive a 2017 Audi	Sign up at the TTS Booth in Frisco 6. Meet your guide at the registration desk.
8:30 a.m. – 10:00 a.m.	SESSION 4	
	Session 4A: Municipal Traffic Engineer Issues Bass-Bush School	Session 4B: Roundabouts Frisco 1
10:00 a.m. – 10:30 a.m.	Student Poster Session and Break	Frisco 6
10:30 a.m. – Noon	SESSION 5	
	Session 5A: Transportation for Hire Bass-Bush School Rooms	Session 5B: Panel Discussion on Public Agency Traffic Engineering Frisco 1
Noon – 1:30 p.m.	Business Luncheon	Frisco 2–5

**V2I Demonstration
by Traffic
Technology Services**

Wednesday,
1:00 p.m. – 5:00 p.m.

Thursday,
8:00 a.m. – 5:00 p.m.

Friday,
8:00 a.m. – Noon

**At your appointed
time, meet your
guide at the
registration desk.**

This demonstration showcases Vehicle-to-Infrastructure (V2I) technology that has been in development for almost a decade and is the first to market of its kind. This technology first went live in Las Vegas in December 2016 and is now coming to Frisco. The City of Frisco streams real-time signal system and intersection data to Traffic Technology Services, Inc. (TTS) who processes the data, predicts the upcoming traffic signal state change, and streams this information to Audi of America. Audi of America then delivers the information to their vehicles using cellular communications.

This demonstration will showcase an Audi connected vehicle application communicating with Frisco's traffic signal infrastructure and demonstrate how the technology can improve the way a motorist operates a vehicle and enhance their driving experience. Test drivers will experience Time-To-Green, which is the first of seven applications that will be available. The applications are used by Audi of America for its Traffic Light Information service which became available in its 2017 models. More information on the system is available from Audi of America's news release and video.

Conference attendees will be able to schedule a free 15-minute test drive of a 2017 Audi with a TTS representative. *Sign up online for your test drive in advance of the conference or visit the TTS booth in the Highway Products Group Exhibit Hall to sign up during the conference.*

THURSDAY, APRIL 20

8:00 a.m. – 10:30 a.m. **Breakfast**
**Sponsored by Paradigm Traffic
Systems and Trafficware Group, Inc.**

Frisco 2–5

9:30 a.m. – 11:30 a.m. PLENARY SESSION 1

Frisco 1

Ground Zero for North Texas Growth
Moderated by **Brian Moen**, City of Frisco

- **Plano's Legacy Business Area Development and Transportation**
Lloyd Neal, City of Plano
- **Frisco's 5 Billion Dollar Mile**
Joel Fitts, City of Frisco
- **Building of Dallas Cowboys HQ and Ford Center at the Star**
Ron Patterson, City of Frisco

THURSDAY, APRIL 20 (continued)

11:30 a.m. – 1:15 p.m. **Kick-Off Luncheon** Frisco 2–5

**Sponsored by HDR, Kimley Horn,
Control Technologies, Arcadis,
Cobb Fendley and Paradigm**

Welcome Speaker: Maher Maso, Mayor of Frisco

Collegiate Traffic Bowl Competition

Guest Speakers: Shawn Leight, International President
of ITE and **Jeffrey Paniati**, Executive Director of ITE

1:30 p.m. – 3:00 p.m. PLENARY SESSION 2

Frisco 1

Smart Cities/Innovative Technologies

Moderated by **John Habermann**, Texas A&M Transportation Institute

- **San Antonio Smart Cities Initiatives**
Marc Jacobson, City of San Antonio
- **Signal Data Sharing, Automated Performance Measures, Adaptive Control**
Brian Moen, City of Frisco
- **Panel Discussion on ITE's Role in Smart Cities**
Eric Rensel, Gannet Flemming

3:00 p.m. – 3:30 p.m. **Student Poster Session and
Afternoon Break sponsored by
Ourston, Live Traffic Data LLC,
Alliance Transportation Group,
Durable Specialties, Inc., and
Landtech, Inc.**

Frisco 6

THURSDAY, APRIL 20 (continued)

3:30 p.m. – 5:00 p.m. **CONCURRENT SESSIONS:**
3A AND 3B

3A: New Technologies in Transportation

Room: Ranger–Sea Biscuit–Traveller (2nd Floor)

Moderated by **Linc Wright**, AZTEC Engineers

- **Validating Trafficware SynchroGreen Adaptive Traffic Control System Using Modern Tools**
Marshall Cheek and **Bill Ische**, Trafficware
- **Adaptive Control in Montgomery County**
Eric Nelson, Fourth Dimension and **Ian Lee**, Twincrest Technologies
- **Defeating Barriers and Using Big Data to Improve Traffic Management**
David Charko, Miovision

3B: Potpourri

Room: Frisco 1

Moderated by **Zina Schwartz**, AIA Engineers

- **Brownsville and Matamoros Railroad Relocation Project**
John Hudson, JWH and Associates
- **I-66 Active Traffic Management**
Randy Dittberner, Lee Engineering
- **Preemption of Traffic Signals Near Railroad Grade Crossings**
Tom Urbanik, Kittleson and Associates
- **Traffic Control During Super Bowl LI**
Teofilio Rebagay, City of Houston



PROFESSIONAL DEVELOPMENT HOURS

See <https://www.texite.org/pdh> for more information on Texas Board of Professional Engineers (TBPE) requirements for professional development hours.

FRIDAY, APRIL 21

8:00 a.m. – 10:30 a.m. **Breakfast**
Sponsored by Arcadis

Frisco 2–5

8:30 a.m. – 10:00 a.m. **CONCURRENT SESSIONS:**
4A AND 4B

4A: Municipal Traffic Engineer Issues

Room: Bush–Bass School

Moderated by **John Denholm**, Lee Engineering

- **Reverse Engineer a TIA**
Troy Rother, City of College Station
- **Pedestrian and Vehicle Operator Interactions – Responsibilities, Permissions, and Prohibitions**
Ronnie Bell, City of Austin
- **Handling of Numerous Special Events**
Robert Caskey and **Curtis Jarecki**, City of Frisco
- **Update on 2017 Legislative Session**
Rebecca Hernandez, NCTCOG

4B: Roundabouts

Room: Frisco 1

Moderated by **Norman Hogue**, Dunaway Associates

- **Remaking the Business 77 Corridor**
Chris Evilia, Waco MPO and **Kevin St. Jacques**, Freese and Nichols
- **Crash Experience – Before/After in Washtenaw County Michigan**
James Valenta, Midwestern Software Solutions
- **TxDOT Roundabout Implementation**
Kenneth Mora, Texas Department of Transportation

10:00 a.m. – 10:30 a.m. **Student Poster Session and Morning Break**

Frisco 6

FRIDAY, APRIL 21 (continued)

10:30 a.m. – Noon

**CONCURRENT SESSIONS:
5A AND 5B**

5A: Transportation for Hire
Room: Bass–Bush School

Moderated by **Kevin St. Jacques**,
Freese and Nichols

- **Austin's Experience with Uber, Lyft and Regulations**
Carlton Thomas, ABIA
- **Tyler's Experience with Transportation For Hire**
Peter Eng, City of Tyler
- **DCTA and Transportation for Hire**
Jim Cline, DCTA
- **Autonomous Vehicles in our Transportation Mix**
Thomas Bamonte, NCTCOG

5B: Panel Discussion on Public Agency Traffic Engineering

Room: Frisco 1

Moderated by **Robert Wunderlich**,
Texas A&M Transportation Institute

- **Garry Ford**, City of New Braunfels
- **Anna Martin**, City of Austin
- **Matthew Tilke**, City of Plano
- **Chris Debaillon**, Fort Bend County
- **Alyssa Rodriguez**, City of Henderson

Noon – 1:30 p.m.

Business Luncheon
Sponsored by **Stantec, Kimley Horn, AIA Engineers, LTD, Alliance Transportation Group, Durable Specialties, Inc., Lee Engineering, and Armstrong Forensic Engineers**

Frisco 2–5

WORKSHOP: TRAFFIC SIGNAL OPERATIONS TRAINING BY ITERIS

Wednesday, 8:00 a.m. – 4:00 p.m.

This full day training class includes a general discussion of a traffic signal controller unit in free and coordinated operation, diamond phasing and diamond phasing setup, and Signal Performance Metrics.

The training will be presented in two sessions. Morning session: 8:30 a.m. – noon. Afternoon session: 1:30 p.m. – 4:00 p.m.

No lunch is provided. The cost of the workshop is \$20. (5 PDH)

WORKSHOP: OVERVIEW OF THE NEW HIGHWAY CAPACITY MANUAL

Wednesday, 8:00 a.m. – 4:30 p.m.

Highway Capacity Manual, 6th Edition: A Guide for Multimodal Mobility Analysis was released in late 2016 and replaces the 2010 edition of the HCM. This full day training class will provide an overview of the new analysis procedures and modified methodologies incorporated into HCM 6 and why these tools are useful in analyzing today's transportation issues.

A comprehensive 138 page training manual will be provided and includes all slides and examples.

Instructor: **Bill Sampson**, McTrans Center

Sponsored by **Durable Specialties, Inc., Alliance Transportation Group, Advanced Traffic Solutions, LLC and C J Hensch & Associates, Inc.**

NETWORKING EVENT: INDOOR SKYDIVING AND GO-KART RACING, AND LUNCH

Wednesday, 9:00 a.m. – Noon

Join us Wednesday morning for a session of skydiving at IFly Indoor Skydiving followed by a session of indoor go-kart racing at Pole Position Raceway. If you want to just watch the fun, you can sign up to be a spectator for a smaller fee. Lunch will be provided for registrants and spectators, as well as some free video game play and trophies.

The first bus leaves the hotel at 8:45 a.m. and all skydivers must be on board. Latecomers and spectators can catch another bus from the hotel at 9:45 a.m. Skydivers will attend a training session and then take turns, experiencing at least two flights. Plus you get to watch everyone else fly! Training starts at 9:30 a.m. and flying starts at 10:00 a.m. All registered skydivers must fill out a legal waiver online in advance.

At 10:45 a.m., the bus departs from IFly and heads to Pole Position Raceway where you can race against your fellow members and vendors on an indoor go-kart racing track. We will be racing between 11:00 a.m. and noon during which you can make a pit stop for lunch at any time. Food will be served until 12:20 p.m. at which time everyone will board the bus to return to the hotel.

Cost per person is \$42 for skydivers and go-kart racers and \$10 for spectators (non-refundable) and includes lunch.

If you want to drive yourself there, the address of IFly is 8380 S.H. 121, Frisco (in front of Stonebriar Centre Mall) and the address of Pole Position is 10550 John W. Elliott Dr., Frisco.

Sponsored by **Maldonado-Burkett Intelligent Transportation Systems**

TECHNICAL TOUR: THE \$5B MILE AND THE NEW COWBOYS HQ AND PRACTICE STADIUM

Wednesday, 1:00 p.m. – 3:00 p.m.

Join us for a tour of Frisco's explosive growth and our newest sports venue. See how Frisco's historic downtown blends into a new urban center in the middle of the fastest growing city in the United States. This growth will be highlighted by touring the developments taking shape in the \$5 Billion Mile, a one-square mile area of mixed-use urban centers developing along the Dallas North Tollway. Through it all, the tour will show how the City is working to address the transportation needs of the \$5 Billion Mile.

This tour will also include a guided tour inside the new Dallas Cowboys training facilities and the Ford Center (a state-of-the-art indoor football stadium that hosts

a variety of events). While taking a look inside the operation of the Dallas Cowboys, this tour will describe the unique partnership between the Dallas Cowboys, the City of Frisco, and the Frisco Independent School District which brought this campus to life and has Frisco's high schools playing their weekly games in the same indoor stadium where the Cowboys practice.

The cost of the tour is \$10 and is non-refundable. The tour bus will depart from the hotel promptly at 1:00 p.m. and is scheduled to return to the hotel by 3:00 p.m.

Space is limited to 50 people. **Transportation sponsored by Gary W. Schatz, P.E., PTOE**

PROGRAM highlights

TECHNICAL TOUR: FRISCO TRAFFIC MANAGEMENT CENTER AND SAFETY TOWN

Wednesday, 3:00 p.m. – 5:00 p.m.

Join us for a tour of Frisco's Traffic Management Center and the adjacent Safety Town. See Frisco's network of wireless PTZ traffic cameras on all of its traffic signals and water towers and the ability to remotely operate each of its 120 traffic signals.

The cost of the tour is \$10 and is non-refundable. Transportation will be provided from the hotel. The bus will depart from the hotel at 3:00 p.m. and is scheduled to return to the hotel by 5:00 p.m.

**Transportation sponsored by
Gary W. Schatz, P.E., PTOE**

ETHICS SEMINAR

Wednesday, 5:00 p.m. – 6:00 p.m.

On January 28, 1986, the space shuttle orbiter Challenger broke up 73 seconds after liftoff. The disaster claimed the lives of all seven astronauts aboard and led to a 32-month suspension of America's space shuttle program. Dr. Miller will provide an insightful discussion of ethics through an analysis of the decisions, and the context surrounding them, which contributed to the Challenger disaster.

This seminar will meet the requirements of the Texas Board of Professional Engineers for ethics training. There is no cost to attend the seminar.

Instructor: Dr. Glen Miller, Texas A&M University

NETWORKING EVENT: NEW AND YOUNGER MEMBERS MEET AND GREET WITH TexITE LEADERSHIP

Thursday, 8:00 a.m. – 9:00 a.m.

Come and hear about ways you can get involved in TexITE and offer any suggestions you might have. The different committee chairs will be on hand to explain how each committee contributes to TexITE and will offer opportunities for you to sign up for. Meet your 2017 TexITE Officers and share your ideas for increasing younger member involvement in the statewide TexITE organization. Section leaders will also be on hand to hear suggestions and offer areas where you could get involved at the local level.

NETWORKING EVENT: 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. Look at the latest innovations in signal equipment, pavement markings, signing, and lighting. Food, drinks and door prizes! Exhibits will also be open Thursday morning.

NETWORKING EVENT: TEXAS HOLD 'EM TOURNAMENT

Wednesday, 8:00 p.m. – Midnight

Please join us for a Texas Hold 'Em poker tournament following the Highway Products Group reception. Join in the game for fun and prizes. No experience necessary. There is no cost to join this friendly tournament, which starts shortly after 8:00 p.m. Snacks and drinks will be available.

Sponsored by C J Hensch & Associates, Inc., Paradigm, Control Tech, Kimley Horn, Econolite, BGE, Twincrest, JM Engineering, and Gerry De Camp

NETWORKING EVENT: THURSDAY NIGHT SOCIAL

Thursday, 6:00 p.m. – 10:00 p.m.

Attend a RoughRiders Baseball Game at Dr Pepper Ballpark. The Frisco RoughRiders are the Double-A affiliate of the Texas Rangers and will be playing the Corpus Christi Hooks. We have reserved the Diamond Deck (the party deck in left field) where our members can enjoy a barbeque buffet and watch the game.

The ballpark gates open at 6:00 p.m. Game time: 7:05 p.m. Food and drinks will be served between 6:00 p.m. and 8:30 p.m.

Sponsored by WSP/Parsons Brinckerhoff, C J Hensch & Associates, Inc., Arcadis, Cobb Fendley, Durable Specialties, Alliance Transportation Group and LAN

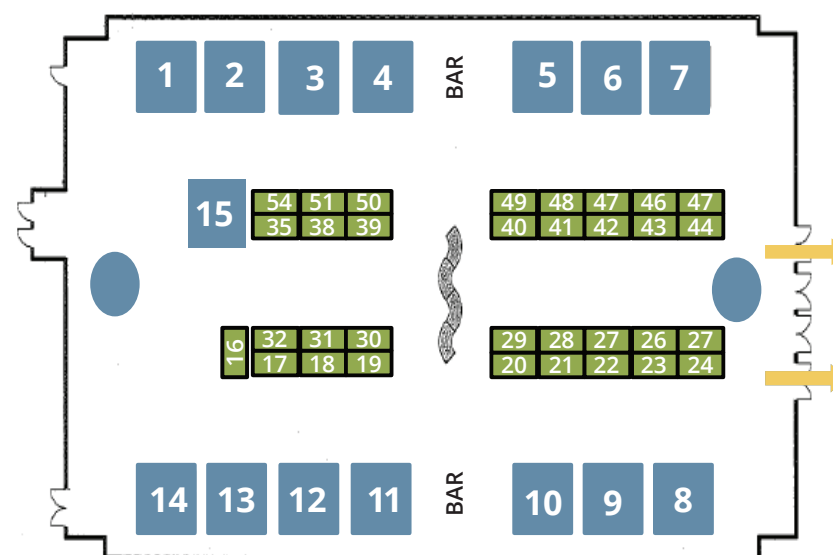
NETWORKING EVENT: YOUNGER MEMBERS THURSDAY LATE-NIGHT SOCIAL

Thursday, 9:00 p.m. – Midnight

After the baseball game, join the Younger Members for a Late-Night Social at the Irish Rover. Enjoy a large selection of beer, late night snacks, and bar games. The pub is located within walking distance of the hotel and ballpark.

All meeting attendees and guests are welcome. No transportation will be provided.

HIGHWAY PRODUCTS GROUP EXHIBITORS and main floor map



COMPANY	BOOTH	COMPANY	BOOTH
SA-SO Signs & Safety	1	EtherWAN Systems, Inc.	24
Pelco Products, Inc.	2	Miovision	25
Control Technologies, Inc.	3	TAPCO	26
Iteeris, Inc.	4	Advantech B+B SmartWorx	27
GRIDSMART Technologies, Inc.	5	3M	28
MoboTrex, Inc.	6 and 7	Wireless Technology, Inc	29
Paradigm Traffic Systems	8 and 9	Twincrest Technologies	30
ITS Plus, Inc.	10	ELTEC	31
Traffic Technology Services Inc.	11	Live Traffic Data	32
Valmont	12	ComNet	35
Consolidated Traffic Controls	13	Daktronics	38
Area Wide Protective	14	Quality Counts LLC	39
Trafficware	15	Siemens Industry, Inc./RUGGEDCOM	40
Horizon Signal Technologies	16	CountingCars.com	41
Alcatel-Lucent Enterprise	17	Peek Traffic	42 and 43
Pexco, LLC/Davidson Traffic Control Products	18	McCain, Inc.	44
Leotek Electronics USA, LLC	19	Sky Bracket	45
Dynamic Vision	20	Stalker Radar	46
Skyline Products	21	SES America Inc	47
GRAM Traffic North Texas, Inc.	22	Texas Highway Products	48 and 49
TOMAR Electronics Inc.	23	Encon Wireless Data Solutions	50 and 51
		Nippon Curbside Industries	54

Thank You!

TexITE would like to gratefully acknowledge the generous support of our sponsors for the 2017 TexITE Meeting as noted in the program.



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.

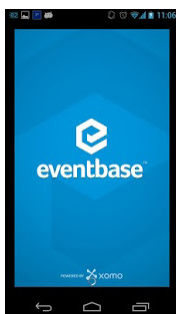


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