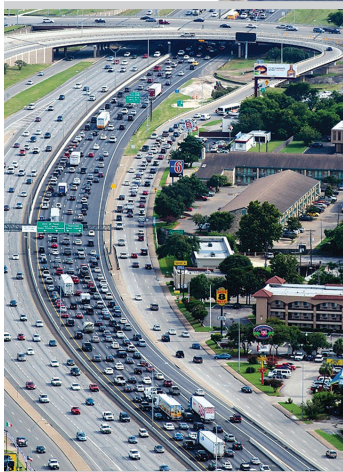




CLEAR LAKE

2013 Fall Meeting
September 25-27



SCHEDULE AT A GLANCE

WEDNESDAY, SEPTEMBER 25

8:30 a.m. – 7:00 p.m.	Registration Desk Open
8:00 a.m. – 2:00 p.m.	Golf Tournament <i>Magnolia Creek Golf Club</i>
9:00 a.m. – Noon	Interchanges and Synchro Workshop <i>Apollo</i>
	Bicycle Tour of Nassau Bay <i>Hotel Front Lobby</i>
10:00 a.m. – 5:00 p.m.	Highway Products Group Setup <i>Discovery</i>
1:00 p.m. – 4:00 p.m.	Technical Tour of NASA <i>Hotel Front Lobby. Bus departs at 12:45 p.m.</i>
1:00 p.m. – 4:30 p.m.	Calibrating SimTraffic Workshop <i>Apollo</i>
1:30 p.m. – 4:30 p.m.	Texas District Board Meeting <i>Galileo</i>
5:00 p.m. – 6:00 p.m.	Ethics <i>Atlantis 2–4</i>
6:00 p.m. – 8:00 p.m.	Highway Products Group Exhibits and Reception <i>Discovery</i>
	CCTexITE Texas Hold 'Em Card Tournament <i>Atlantis 2–4</i>
8:30 p.m. – ??	Tone Def <i>Endeavor</i>

THURSDAY, SEPTEMBER 26

7:30 a.m. – 5:00 p.m.	Registration Desk Open
8:00 a.m. – 9:30 a.m.	Committee Meetings <i>Genesis and Mercury</i>
8:30 a.m. – 3:30 p.m.	Highway Products Group Exhibits <i>Discovery</i> <i>Breakfast served until 10:00 a.m.</i>
9:30 a.m. – 11:30 a.m.	PLENARY SESSION 1 <i>Apollo</i>

SCHEDULE AT A GLANCE

THURSDAY, SEPTEMBER 26 *(continued)*

12:00 p.m. – 1:15 p.m.	Kick-Off Luncheon <i>Atlantis 2–4</i>
	Welcome Speaker: Mayor Tim Paulissen , League City
	Keynote Speaker: State Senator Dan Patrick
1:30 p.m. – 3:00 p.m.	Plenary Session 2 <i>Apollo</i>
3:00 p.m. – 3:30 p.m.	Student Poster Session and Break I <i>Conference Level Foyer and Discovery</i>
3:30 p.m. – 5:00 p.m.	CONCURRENT SESSIONS: 3A and 3B <i>Apollo and Gemini</i>
6:00 p.m. – 9:00 p.m.	Thursday Night Social <i>Space Center Houston</i> <i>Shuttle circulates to and from hotel from 5:30 p.m. – 9:00 p.m.</i>
9:00 p.m. – midnight	Younger Members Event <i>Kemah Boardwalk</i> <i>Transportation to and from hotel until Midnight</i>
10:00 p.m. – ??	Tone Def <i>Endeavor</i>

FRIDAY, SEPTEMBER 27

8:00 a.m. – 12:00 p.m.	Registration Desk Open
7:00 a.m. – 8:30 a.m.	Consultant's Council Business Meeting <i>Luna Restaurant</i>
8:30 a.m. – 10:00 a.m.	CONCURRENT SESSIONS: 4A and 4B <i>Apollo and Gemini</i>
10:00 a.m. – 10:30 a.m.	Student Poster Session and Break II <i>Conference Level Foyer</i>
10:30 a.m. – 12:00 p.m.	CONCURRENT SESSIONS: 5A and 5B <i>Apollo and Gemini</i>
12:00 p.m. – 1:30 p.m.	Business Luncheon <i>Atlantis 2–4</i>

TECHNICAL PROGRAM

THURSDAY, SEPTEMBER 26

9:30 a.m. – 11:30 a.m.

PLENARY SESSION 1

Rider 42 – Addressing Congestion in Texas

Moderated by Tim Lomax, Texas A&M Transportation Institute

★ **Overview of Rider 42**

Tim Lomax, Texas A&M Transportation Institute

★ **The DFW Approach to Rider 42**

Sandy Wesch, North Central Texas Council of Governments

★ **Rider 42 – The Houston Experience**

Robert Benz, Texas A&M Transportation Institute

★ **Rider 42 in Austin**

Chuck Fuhs, Parsons Brinckerhoff and Steve Miller, HNTB

★ **Rider 42 in San Antonio**

Randall Grones, TxDOT

1:30 p.m. – 3:00 p.m.

PLENARY SESSION 2

Transportation Funding

Moderated by Matt Johnson, Freese and Nichols

★ **The Parker County Transportation Bond Program**

Judge Mark Riley, Parker County

★ **Roadway Impact Fees**

Dan Sefko, Freese and Nichols

★ **Project Programming Development and the TIP**

Alan Clark, Houston-Galveston Area Council

★ **Local Government Project Procedures**

Rich Heine, Freese and Nichols

3:00 p.m. – 3:30 p.m.

STUDENT POSTER SESSION

★ **Gap-Acceptance Behavior at Urban Driveways: The Impact of Bicycle Lane and Median Type**

Yanfen Zhou, Texas A&M University

★ **Driver Behavior in the Vicinity of Driveways**

Lacy Brown, Texas A&M University

★ **A Stochastic Model for Transit Signal Priority with Near-side Bus Stop**

Xiaosi (David) Zeng, Texas A&M University

TECHNICAL PROGRAM

THURSDAY, SEPTEMBER 26 (continued)

3:00 p.m. – 3:30 p.m.

STUDENT POSTER SESSION

★ **Using the Petrochemical Incident Location System (PILS) to Track Unintentionally Released Chemical Incidents**

Vincent Hassell, Texas Southern University

★ **Development of Operating Mode ID Distributions for Different Types of Roadways Under Different Congestion Levels for Vehicle Emission Assessment Using Moves**

Ameena Padiath, Texas Southern University

★ **A Two-Decade Tracking of the Traffic Service Quality in a Street Network — The Case of Fort Worth CBD**

Milad Kiaee, University of Texas at Arlington

★ **Environmental Implications for Shared Autonomous Vehicles Using Agent-Based Model Simulation**

Dan Fagnant, University of Texas at Austin

★ **Travel Demand Analysis Using Location-Based Social Networking Data: A Case Study for Austin, TX**

Meredith Cebelak, University of Texas at Austin

More presenters to be announced.

3:30 p.m. – 5:00 p.m.

CONCURRENT SESSIONS: 3A AND 3B

3A: Transportation Technology

*Moderated by Linc Wright,
City of League City*

★ **Advancements in Vehicle Detection – The Valence Pod**

Mike Young, Trafficware

★ **Defeating Delimna Zones with New Technology**

Nader Ayoub, Iteris

★ **Our Journey to Becoming an HGAC Clean Air Champion**

*Roger Allen, C J Hensch and
Associates*

3B: Bicycles and Pedestrians

*Moderated by Geoff Carleton,
Traffic Engineers, Inc.*

★ **Houston's Bicycle Program Initiatives**

*Clark Martinson, Energy Corridor
District*

★ **Energy Corridor Bicycle Master Plan**

Randy Schulze, Walter P. Moore

★ **NACTO Urban Bikeway Design Guide**

*Linda DuPriest, Alta Planning and
Design*

TECHNICAL PROGRAM

FRIDAY, SEPTEMBER 27

8:30 a.m. – 10:00 a.m.

CONCURRENT SESSIONS: 4A AND 4B

4A: ITS/Operations

Moderated by Brian Moen, City of Frisco

★ Flashing Yellow Arrow Implementation Study — A Reduction in Left Turn Delay

Linc Wright, City of League City

★ Flashing Yellow Arrow Implementation and Crash Data

Norman Hogue, Dunaway Associates

★ KITS System for DFW Connector

Kent Kacir, Kimley-Horn and Associates, Inc.

★ Benefits of SynchroGreen Along Sea Wall Boulevard

Marshall Cheek, Trafficware

4B: What's New in Transportation in Texas

Moderated by Kirk Houser, City of Dallas

★ Harnessing Technology for Transportation

Matt Sneed and Tom Hartmann, Kimley-Horn and Associates, Inc.

★ TEARS Modeling for Dallas ICM

Minh Lee, Texas A&M Transportation Institute, and Robert Saylor, City of Richardson

★ Traffic Management Data Collection

Troy Rother, City of College Station, and Matt Johnson, Freese and Nichols

★ Rapidly Changing Traffic Demand Related to the Oil Patch in West Texas — The Midland Experience

Jose Ortiz, City of Midland, Gary Saunders, City of Midland, and Wayne Kurfees, Kimley Horn and Associates

10:00 a.m. – 10:30 a.m.

STUDENT POSTER SESSION

See previous list for student presenters.

10:30 a.m. – 12:00 p.m.

CONCURRENT SESSIONS: 5A AND 5B

5A: Transportation Planning

Moderated by Kerri Collins, Pape-Dawson

★ Multimodal Quality LOS — What Is It and What Is It Used For?

Derek Mueller, Pape-Dawson

★ A Tale of Two Cities — Transportation Planning in Central Texas

Linda Alvarado-Vela, Parsons Brinckerhoff

★ Use of Dynamic Traffic Assignment to Support Planning for Operations

Eric Pihl, FHWA Resource Center

5B: Texas Regional and Intercity Rail Initiatives

Moderated by Tom Ryden, Parsons Transportation Group

★ Texas State Rail Plan Update

Allan Rutter, Cambridge Systematics

★ Oklahoma City to South Texas Passenger Rail

Mark Walburn, CH2M Hill

★ Houston to DFW High Speed Rail

Robert Eckels, Texas Central Railway

PROGRAM HIGHLIGHTS

Synchro and SimTraffic Workshops

Wednesday, 9:00 a.m. – 12:00 p.m. and 1:00 p.m. – 4:30 p.m.

Trafficware has developed a series of workbook training modules to allow prospective attendees to select a particular training topic of their choice. Each class has a workbook that allows students to follow along. The workbook classes focus on a popular topic within the transportation industry and how Synchro can be used to conduct the analysis. Attendees will learn key aspects related to the various topics as well as the appropriate method of applying Synchro/SimTraffic 8.0. The workbook sessions being offered at this TexITE Meeting are:

Interchanges and Synchro (9:00 a.m. to Noon): This workbook class will focus on the various coding requirements within Synchro/SimTraffic for typical interchanges as well as the following configurations: SPUI, CFI, and DDI. Three PDHs will be provided.

Calibrating SimTraffic (1:00 p.m. to 4:30 p.m.): This workbook class is for users to gain a better understanding of how SimTraffic's traffic flow model operates. Each of the key model parameters is highlighted and discussed. Case studies are also used to demonstrate the calibration process. Three and a half PDHs will be provided.

Each workbook class is limited to the first 50 people who register. Participants are encouraged to bring their own laptop.

Bicycle Tour of Nassau Bay

Wednesday, 9:00 a.m. – noon

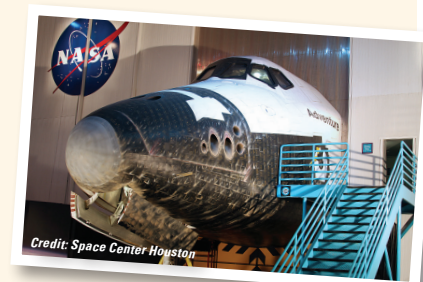
Grab a bike and let's go! This guided tour will take you on a tour of Nassau Bay and highlight some of the recent infrastructure improvements in the area related to bicycling. Participants are encouraged to bring their own bicycles and helmets (helmets required to ride); however, both will be available to rent onsite.



NASA's Johnson Space Center Tour

Wednesday, 1:00 p.m. – 4:00 p.m.

For those interested in the space program, this tour of NASA is for you! **Tour will be limited to 40 participants.**



Engineering Ethics Seminar

Ron Lemons, Freese and Nichols

Wednesday, 5:00 p.m. – 6:00 p.m.

An engineering ethics seminar will be held on Wednesday prior to the Highway Products Group reception at the conference hotel. The seminar will satisfy the continuing education professional ethics requirements required by the Texas Board of Professional Engineers.

PROGRAM HIGHLIGHTS

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. Check out the latest innovations in signal equipment, pavement markings, signing, lighting and much, much more.

Texas Hold 'Em Tournament

Wednesday, 8:00 p.m. – midnight

CCTexITE will be hosting a Texas Hold 'Em Tournament following the Highway Products Group reception. Join in the game for fun and prizes. No cost or experience necessary.



Keynote Speaker

State Senator Dan Patrick

Thursday, 12:00 p.m. – 1:15 p.m.

Dan Patrick has been a state senator since 2007. Senator Patrick readily earned the respect of his colleagues for his quick study on even the most complex issues and for his ability to debate issues on the Senate floor. When needed, he has never hesitated to challenge the Austin establishment and at times even his own party on major issues. But he has also learned to build coalitions to pass over 100 pieces of legislation over four sessions and has become a key ally to others. Senator Patrick is the Chair of the Senate Education Committee and serves on a total of six committees, including some of the most important committees in the Senate: Finance, Transportation, Higher Education, Redistricting and Criminal Justice.

Thursday Night Social Astronaut Gallery, Space Center Houston

Thursday, 6:00 p.m. – 9:00 p.m.

Space Center Houston is glad to welcome us for a social event like no other. Enjoy mingling, dinner and drinks in the Astronaut Gallery of Space Center Houston with exhibits, history and fun. Shuttle buses will provide transportation to and from the hotel.

Thursday Late-Night Social Kemah Boardwalk

Thursday, 9:00 p.m. – midnight

The Younger Members Committee will host the late-night social for all members at the Kemah Boardwalk. Located across the Bay from the hotel, younger members will be shuttled across the Bay by boat to enjoy their night in Kemah.

Once the social event is over at Space Center Houston, the shuttle buses will bring you back to the hotel and leave from there.

Around 9:00 p.m., we will host a dart and pool table tournament with gift cards to the winners.



Credit: Space Center Houston



Credit: kemahboardwalk.com

NOTES

	Wednesday September 25	Thursday, September 26	Friday, September 27	
7:00				7:00
7:30			Consultant's Council Breakfast	7:30
8:00		Committee Meetings		8:00
8:30			Session 4A Session 4B	8:30
9:00		Session 1	Student Poster Session/Break	9:00
9:30		Vendor Exhibits and Breakfast	Session 5A Session 5B	9:30
10:00	Registration Desk Open			10:00
10:30	Golf		Business Luncheon	10:30
11:00				11:00
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PROFESSIONAL DEVELOPMENT HOURS (PDHs)

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 rules? (see the TBPE website for an excerpt from the rules)
2. Is the activity relevant to the practice of a technical profession and does it include technical, ethical or managerial content?

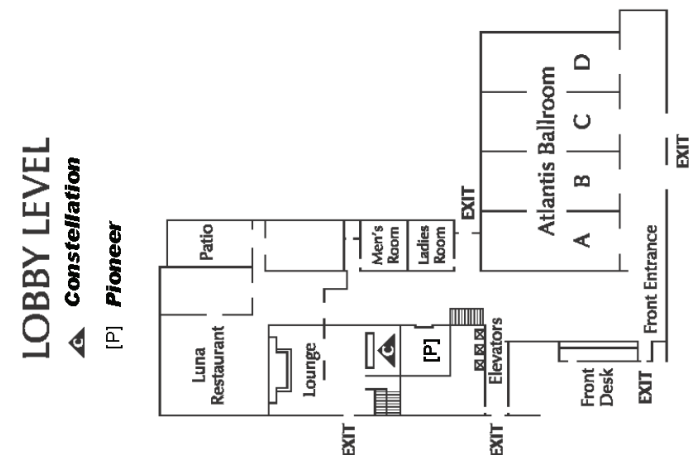
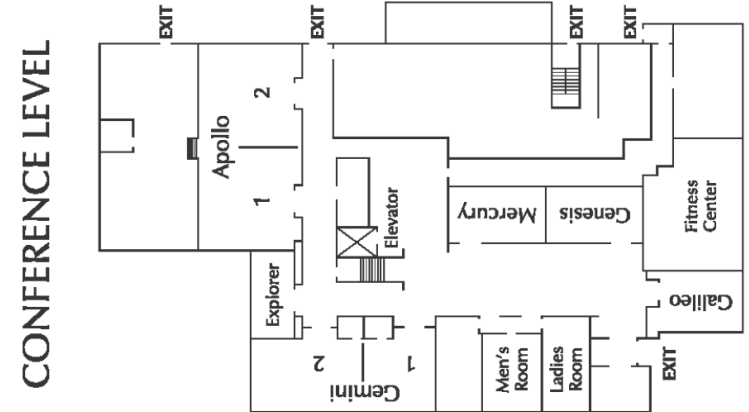
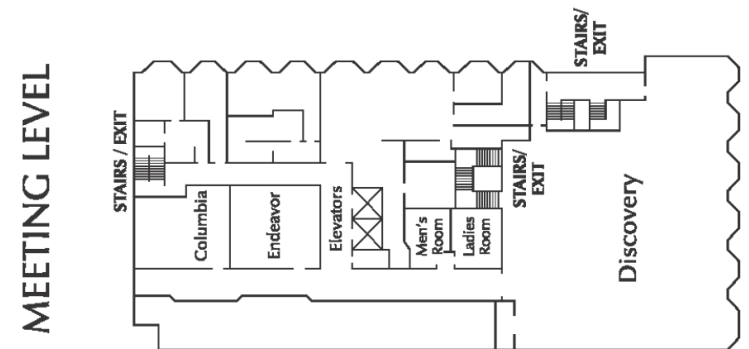
The board wants the reporting process to be as simple as possible and as such, there are only two things that a license holder needs to do:

1. Certify on the renewal statement that you have completed the 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.



MEETING MAP



HIGHWAY PRODUCTS GROUP EXHIBITORS

C J Hensch & Associates, Inc.
Centerline Supply
Consolidated Traffic Controls, Inc.
Control Technologies, Inc.
Dialight
Electrotechnics Corporation (ELTEC)
Emerson Network Power Surge Protection
ENCOM Wireless Data Solutions

EtherWAN Systems, Inc.
FLIR Systems, Inc.
IFS / Interlogix
Iteris, Inc.
K&K Systems, Inc.
Leotek Electronics USA
McCain, Inc.
Paradigm Traffic Systems, Inc.
Pelco Products Inc.
Quality Counts, LLC

QWICK KURB, Inc.
SW Section IMSA
Sensys Networks
SkyBracket
Texas Highway Products, LTD
Trafficware
TransCore
Twincrest Technologies
Valmont Structures

CCT_{Ex}ITE WOULD LIKE TO THANK THE TEXAS HOLD 'EM TOURNAMENT SPONSORS:

STRAIGHT FLUSH:

Binkley & Barfield
CJ Hensch & Associates
Gerry DeCamp
JM Engineering
Kimley-Horn and Associates

Neel-Schaffer, Inc.
Pape-Dawson Engineers
Traffic Engineers, Inc.
Trafficware
Walter P Moore

FULL HOUSE:

Brown & Gay Engineers
Civil Engineering Associates
Gunda Corporation
Lee Engineering
Othon, Inc.
Teague, Nall & Perkins

FOUR OF A KIND:

JKnesek & Associates



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.



TexITE is now on **Twitter @TexasITE**. If you are tweeting from the meeting, please include our handle or hashtag **#TexITEconf**.



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