

HIGHWAY PRODUCTS GROUP

Alpha Technologies, LTD

High Sierra Electronics, Inc. INRIX

Naztec, Inc.

Teleste

Tesco Controls, Inc.

Valmont Structures

Twincrest Technologies

Armtech
Consolidated Traffic Controls, Inc.
Control Technologies, Inc.
Dallas / Fort Worth Lite and Barricade, Inc. Dialight Corporation
Dynamic Vision Co., Inc.
ELTEC

Endeavor Concepts, LLC EtherWAN Systems FLIR Systems

Intelight Iteris, Inc. ITS Plus, Inc. LedderTech McCain, Inc. MSSEDCO

Paradigm Traffic Systems, Inc.

Pelco Products, Inc. Quality Counts RuggedCon, Inc. Sensys Networks Siemens Skyline Products, Inc.

Spot Devices TAPCO TechOne Sales, LLC.

Texas Highway Products, LTD

CONSULTANT'S COUNCIL

Texas Hold 'Em Sponsors:

Straight Flush:

CJ Hensch & Associates, Inc. Gerry de Camp

HDR, Inc. Jacobs Engineering

Kimley-Horn and Associates, Inc. Pape-Dawson Engineers, Inc.

Traffic Engineers, Inc.

Full House:

Brown & Gay Engineers, Inc.

Civil Associates, Inc.

Ergonomic Transportation Solutions, Inc.

JKnesek & Associates Lee Engineering

Teague, Nall & Perkins, Inc.







<u>texite= (+)texite= (+)texite= (+)texite= (+)texite= (+)texite=</u>



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. Through TexITE, transportation professionals strive to provide Texans a safer, cleaner, and more convenient and efficient transportation system. For more details visit www.texite.org

8:00am - 5:00pm HIGHWAY CAPACITY MANUAL WORKSHOP

(Richardson)

9:00am - 2:00pm **GOLF TOURNAMENT** (Firewheel Golf Club)

10:00am - 7:00pm **REGISTRATION DESK OPEN**

10:00am - 5:00pm **HPG SETUP** (Salon I/II)

1:00pm - 4:00pm **TECHNICAL TOUR**

Exploring Downtown Garland's Transit Oriented

Bus Departs hotel promptly at 1pm

2:00pm - 4:00pm **TEXAS DISTRICT BOARD MEETING** (Rowlett)

5:00pm - 6:00pm PROFESSIONAL ETHICS TRAINING (Salon III/IV)

HIGHWAY PRODUCTS GROUP EXHIBITS AND 6:00pm - 8:00pm RECEPTION (Salon I/II)

CCTEXITE TEXAS HOLD 'EM CARD TOURNAMENT 8:00pm - Midnight

(Salon III/IV)

TONE DEF (Rowlett) 8:30pm - Midnight

Student Poster Presentations

TEXAS A&M UNIVERSITY

David Zeng and Kai Yin

ccounting for Left-turn Effects in Modeling Arterial Travel Time Yao Xing

AGVs Dispatch Problem for Tandem Lift Quay Cranes in Container Terminals

UNIVERSITY OF TEXAS AT EL PASO

David Salgado Manzano

Framework Analysis of Cross Border Mass Transit Operation

Mouyid Bin Islam

Single and Multiple Vehicle Large Truck-involved Collisions on Highways:

Yubian Wang and Dr. Yi Qi

Edgar Saucedo and Lorenzo Cornejo

Village of Vinton Multipurpose Center Parking Lot Design

UNIVERSITY OF TEXAS AT ARLINGTON

Bahareh Bakhtiari

Measuring Transportation Sustainability in Texas Cities

(Pre-Function East)

CONCURRENT SESSIONS

UNIVERSITY OF TEXAS AT AUSTIN

A Toolkit for Anticipating and Evaluating Impacts of Roadway Improvements

STUDENT POSTER SESSION AND BREAK

Moderator: Dave Carter, City of Richardson

3B TRANSPORTATION STUDIES (Salon III/IV) Moderator: Matt Johnson, Freese and Nichols

3A TRANSPORTATION TECHNOLOGY (Salon I/II)

Cost Effective Implementation of the new Real-Time System Management Information Program Pete Costello, INRIX
Road Weather Information Systems (RWIS)
Frank Gutierrez, High Sierra Electronics, Inc.
The Evolution of Vehicle Detection Technology:
Brian Shockley, Aldis
Arterial Travel Time and Performance Measures
Brett Sumpter, Sensys Networks Inc.

How to Prepare a Traffic Study for a Municipality Kevin St. Jacques, Freese and Nichols How to Review a Traffic Study for a Municipality Dale Picha, City of Bryan How to Prepare a Traffic Study for a Private Development Aaron Nathan, Kimley-Horn and Associates, Inc. How to Review a Traffic Study for a Private Development Linc Wright, City of League City

Rosaria Berliner

3:00pm - 3:30pm

3:39pm - 5:99pm

Evaluating the Impact of Placing Tolls on I.H. 93

7:30am - 5:00pm **REGISTRATION DESK OPEN**

8:30am - 12:00pm HIGHWAY PRODUCTS GROUP EXHIBITS AND BREAKFAST

(Salon I/II)

9:00am - 10:00am **COMMITTEE MEETINGS**

> Awards (Richardson) Newsletter (Wylie) Technical (Sachse) Transit (Murphy) Younger Members (Rowlett)

19:99am - 11:39am **PLENARY SESSION 1**

TRANSPORTATION SAFETY (Salon III/IV) Moderator: Brian Shamburger, Kimley-Horn and Associates, Inc.

Teen Driver Safety (The Transportation Engineering Perspective)
Mark Lutjeharms, Schemmer
Red Light Cameras: Garland and Richardson's Experience
Allison Franz, City of Garland
Jessica Shutt, City of Richardson
Safety Benefits of Replacing Traffic Signals with
Modern Roundabouts

Jere Hart, X8 Environmental

12:00pm - 1:15pm KICK-OFF LUNCHEON (Garland Special Events Center)

Welcome Speaker: Mayor Ron Jones, City of Garland, Texas Keynote Speaker: Mayor James Brainard, City of Carmel, Indiana

1:30pm - 3:00pm **PLENARY SESSION 2**

> MODERN ROUNDABOUTS (Salon I/II) Moderator: Gary Schatz, City of Austin

Implementing Carmel's Roundabouts
Michael McBride, City of Carmel, Indiana
CTR's Development of a Roundabout Guide for TxDOT
Jennifer Duthie, University of Texas
Using a Roundabout to Build a Narrower Roadway in Austin,
TX and Save \$2.5-3.0M!
Frederico Mendoza, Brown & Gay
Clay Harris, City of Austin
Does Your Roundabout Waltz?
Patrick McGrady, Reid Middleton
Rachel Price, Reid Middleton

6:00pm - 10:00pm

THURSDAY NIGHT SOCIAL (Firewheel Pavilion)

Karaoke Night Shuttle circulates to/from hotel until 9:30pm

9:00pm - 2:00am YOUNGER MEMBERS EVENT (Buffalo Wild Wings)

19:99pm - 2:99am

TONE DEF

7:00am - 8:00am

CONSULTANT'S COUNCIL BUSINESS MEETING (IHOP)

8:00am - 12:00pm

REGISTRATION DESK OPEN

8:00am - 8:30am **STUDENT POSTER SESSION** (Pre-Function East)

8:30am - 10:00am

CONCURRENT SESSIONS

4A SUSTAINABILITY (Salon III/IV)

Moderator: James Kratz, Jacobs

South Padre

University of Houston

Pedestrian & Bike Planning in North Dallas: Connecting the Suburbs without Highways

Dave Carter, City of Richardsor

Sustainability Accomplishments in Garland, TX

4B TRANSIT (Richardson)

CapMetro's FTA Funded BRT Lite Program

VIA Primo BRT Project

FWTA Lancaster Ave BRT Project

El Paso Sun Metro BRT Program
Michael Feeney, Lockwood, Andrews & Newnam

10:00am - 10:30am

STUDENT POSTER SESSION AND BREAK

(Pre-Function East)

10:30am - 12:00pm

CONCURRENT SESSIONS

5A ITS / OPERATIONS (Salon I/II) Moderator: Brian Moen, City of Frisco

Pedestrian Hybrid Beacons

Adaptive Signal Control: Implementation Experience in Richardson, TX

John Black, City of Richardson Robert Saylor, City of Richardson The Creation of the Fort Worth Joint

Emergency Management System

5B TRANSPORTATION RESEARCH (Richardson) Moderator: Kevin Balke, Texas Transportation Institute

Integration of ITS into Rural Work Zones

A Portable Monitoring and Evaluation System for

Advanced Signing Treatment for Flood-Prone Roadways

12:00pm - 1:30pm

BUSINESS LUNCHEON (Salon I/II)



thursday

SEPTEMBER 15





