



*Highway Products Group  
Registered Vendor List*

**CONSOLIDATED TRAFFIC CONTROLS, INC.**

**RTC MANUFACTURING, INC.**

**ELTEC**

**TWINCREST TECHNOLOGIES**

**TRAFFIC SIGNALS, INC/ SIG-OP SYSTEMS, INC**

**PARADIGM TRAFFIC SYSTEM, INC.**

**TEXAS HIGHWAY PRODUCTS, LTD.**

**LEOTEK ELECTRONICS USA, CORP.**

**PELCO PRODUCTS, INC.**

**DVV, INC.**

**TESCO CONTROLS, INC.**

**NAZTEC, INC.**

**ITERIS, INC.**

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**C J HENSCH & ASSOCIATES, INC.**

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**MCCAIN, INC.**

**ETHERWAN SYSTEMS**

**SENSYS NETWORKS, INC.**

**RUGGED COM, INC.**



*2010 Summer Meeting*

*Sugar Land Marriott*

*Town Square*



Sugar Land, Texas

June 17-19, 2010



# Welcome To Sugar Land

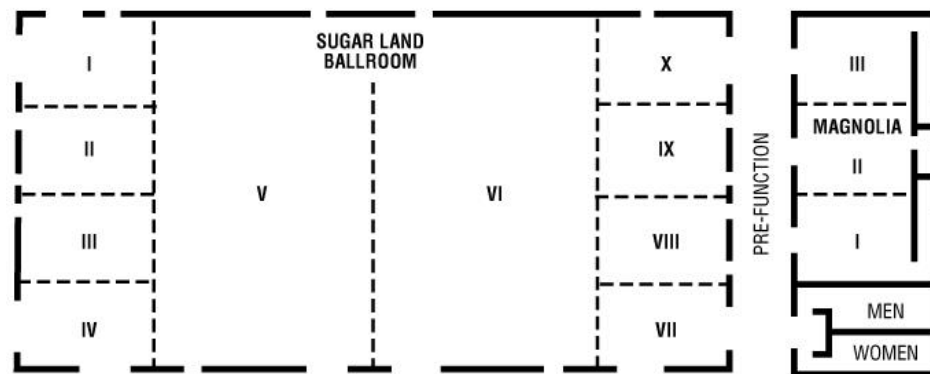


Founded as a sugar plantation in the mid 1800s and incorporated in 1959, Sugar Land is located 20 miles southwest of downtown Houston. MONEY magazine and CNN have chosen Sugar Land as one of the 100 Best Place to Live in the nation. Sugar Land is proud to host the 2010 Summer TexITE Meeting.

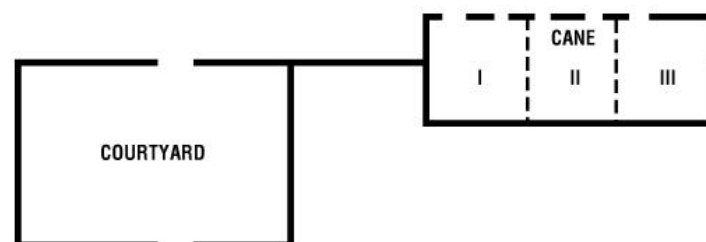
## Schedule at a Glance

Thursday, June 17	
10:00 am - 7:00 pm	Registration Desk Open
8:00 am - 5:00 pm	ADA/Accessibility Training Workshop (Pecan) * Lunch not included.
7:30 am - 5:00 pm	Highway Products Group Setup (Sugar Land 7-10)
9:30 am - 2:30 pm	Golf Tournament (Sienna Plantation Golf Club)
1:00 pm - 4:00 pm	Technical Tour - Bus Departs at 1:00 pm
2:00 pm - 4:00 pm	TexITE Executive Board Meeting (Cane)
5:00 pm - 6:00 pm	Professional Ethics Training (Cane)
6:00 pm - 8:00 pm	HPG - Exhibits and Reception (Sugar Land 7-10)
8:00 pm - 12:00 am	CCTexITE Texas Hold 'Em Tournament (Cane)
8:30 pm - ??	Tone Def (Magnolia)

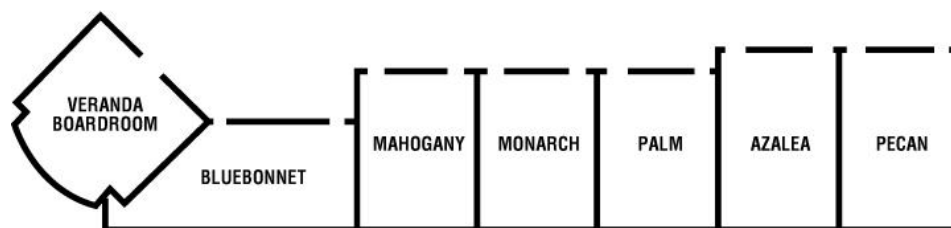
## MEETING MAP



FIRST FLOOR



BALLROOM FOYER



SECOND FLOOR

Committee Meetings - Friday, June 18	
8:30 am - 10:00 am	Transit (Mahogany)
8:30 am - 10:00 am	Technical Committee (Monarch)
9:00 am - 10:00 am	Program Committee (Cane)
10:00 am - 11:30 am	Younger Members (Mahogany)
10:00 am - 11:30 am	Special Committee on Traffic Improvement (Monarch) Invitation
TBD	Newsletter Committee (TBD)

# Technical Program

Saturday, June 19

Concurrent Sessions 3A and 3B (8:30 - 10:00 am)	
<p>3A (Cane)</p> <p><u>ITS and Regional Traffic Control Systems</u></p> <p><i>US 75 Integrated Corridor Management—Dallas, Texas</i> Koorosh Olyai - Dallas Area Rapid Transit</p> <p><i>Development and Deployment of Low-Cost Probe-Based Arterial Travel Time Data Collection</i> Darryl Puckett - Texas Transportation Institute</p> <p><i>Recent ITS Deployment in Harris County</i> Andy Mao - Harris County Engineering</p> <p><i>DFW Connector TMC and TxDOT Integration</i> Darrin Bjork - Kimley Horn &amp; Associates</p>	<p>3B (Magnolia)</p> <p><u>Roundabouts/Special Intersection Geometric Design</u></p> <p><i>Modern Roundabouts: State of the Practice</i> Gary Schatz - City of Austin</p> <p><i>WOW—A Modern Roundabout, The Story of the Washington &amp; Wescott Roundabout in Houston, Texas</i> Monica Savino - Washington on Wescott Roundabout Initiative</p> <p><i>Innovative Traffic Flow Designs: Median U-Turn Lanes &amp; Single-Point Urban Interchanges (SPUI)</i> Lloyd Neal - City of Plano</p> <p><i>Roundabout Challenges - From Concept to Construction</i> John Denholm - Lee Engineering</p>
Concurrent Sessions 4A and 4B (8:30 - 10:00 am)	
<p>4A (Cane)</p> <p><u>Transit</u></p> <p><i>Dart's Transit ITS Program</i> Abed Abukar - Dallas Area Rapid Transit</p> <p><i>Capital Metro's MetroRail</i> Todd Hemingson - Capital Metropolitan Transit Authority</p> <p><i>Ft. Worth Streetcar Project - Planning for Success</i> Rod Kelly - HDR</p> <p><i>Streetcar Design—Integrating Streetcars into Dense Urban Environments</i> Luke Olson - URS Corporation</p>	<p>4B (Magnolia)</p> <p><u>Significant Changes in the 2009 National MUTCD</u></p> <p><i>General Overview, Signs, Pavement Markings, Rail &amp; LRT Crossings</i> Gene Hawkins - Texas Transportation Institute</p> <p><i>Traffic Signals</i> Ronnie Bell - City of Austin</p> <p><i>Work Zones and TMUTCD Plans</i> Mike Chacon - TxDOT</p>

# Schedule at a Glance – Cont.

Friday, June 18	
7:30 am - 5:00 pm	Registration Desk Open
8:00 am - 10:00 am	TexITE Executive Board Meeting (Cane)
8:00 am - 11:30 am	Committee Meetings (Mahogany, Cane, Monarch)
8:00 am - 12:00 pm	FHWA Alternative Intersections/Interchanges Workshop (Magnolia)
8:30 am - 12:00 pm	HPG Exhibits and Breakfast (Sugar Land 7-10)
12:00 pm - 1:30 pm	Kick-Off Luncheon (Sugar Land 6) <i>Welcome Speaker: James Patterson, Fort Bend County Precinct 4 Commissioner</i> <i>Keynote Speaker: Rex Miller, Author of <u>The Commercial Real Estate Revolution</u></i>
1:30 pm - 3:00 pm	Plenary Session 1 (Sugar Land 6)
3:00 pm - 3:30 pm	Student Poster Session (Sugar Land 6) and Break I
3:30 pm - 5:00 pm	Concurrent Sessions 2A (Cane) and 2B (Magnolia)
6:00 pm - 10:00 pm	Friday Night Social - George Ranch <i>* Transportation Provided</i>
10:00 pm - 12:00 am	Younger Member's Event—Sherlock's Pub <i>* Dart tournament begins at 10:30 p.m.</i>
10:00 pm - ??	Tone Def (Magnolia)
Saturday, June 19	
8:00 am - 12:00 pm	Registration Desk Open
7:00 am - 8:00 am	Consultant's Council of TexITE Business Meeting (Burning Pear—Hotel Restaurant)
8:00 am - 8:30 am	Student Poster Session (Sugar Land 6)
8:30 am - 10:00 am	Concurrent Sessions 3A (Cane) and 3B (Magnolia)
10:00 am - 10:30 am	Student Poster Session (Sugar Land 6) and Break II
10:30 am - 12:00 pm	Concurrent Sessions 4A (Cane) and 4B (Magnolia)
12:00 pm - 1:30 pm	Business Luncheon (Magnolia 6)

# Technical Program

Friday, June 18

## Plenary Session 1 (1:30 - 3:00 pm)

### Transportation Funding and Project Delivery

*Transportation Funding—The Political Perspective*  
Steve Stagner - Texas Council of Engineering Companies

*Past Successes and Innovations Moving Forward*  
Christie Jestis - North Central Texas Council of Governments

*Building a Statewide Coalition to Advocate Revenue Measures to Fund Transportation*  
Vic Suhm - Tarrant Regional Transportation Coalition

*Delivering Traffic and ITS on a \$1 Billion Design-Build Project*  
Brian Shewski - Kimley-Horn and Associates

## Student Poster Session (3:00 - 3:30 pm)

*Predicting the Incremental Effects on Transit Ridership Due to Bus-on-Shoulder Operations* - Eleni Pappas, University of Texas at Austin

*Operational Strategies for Reducing Freight Truck Fuel Consumption* - Melissa Thompson, University of Texas at Austin

*The Feasibility of Long Combination Vehicles for Texas* - Bridget Bienkowski, University of Texas at Austin

*Traffic Assignment Considering Air Quality* - Jenping Lu, Texas A&M University

*Operational Benefits of Median U-Turn Treatments* - Kristopher Ball, Texas A&M University

*Study on the Operation of Freeway Key Scenery Areas* - Hongmin Zhou, Texas A&M University

*Comparison of Different Left-Turn Strategies* - Mehdi Azimi, Texas A&M University

*An Alternative to Fuel Tax: An Innovative Taxing Scheme Based on Trip Generation* - Justin Clark, Texas A&M University

*Vehicle Miles Traveled Fee Options: A Case Study of Texas* - Lisa Larsen, Texas A&M University

*Design and Implementation of a Real Time Hazardous Incident Monitoring System: Petrochemical Incident Location System* - Latisha Clark, Texas Southern University

*Review of Available Non-Intrusive Inspection Technologies for Inspection of Cargo at Ports of Entry* - Yubian Wang & Yi Qi, Texas Southern University

*Use of Flashing Yellow Arrow Signal Display to Improve Safety at Signals with Protected-Permissive Left Turn Operations* - Zhang Min & Yi Qi, Texas Southern University

*Evaluating the Effects of Transit Oriented Development in a Suburban Environment* - Krystal Lastrape, Texas Southern University

Friday, June 18 – Technical Program Cont.

## Concurrent Sessions 2A and 2B (3:30 - 5:30 pm)

### 2A (Cane)

#### HPG Technical Presentations

*Ethernet Switch with Digital Diagnostics*  
Bob Martin - EtherWAN Systems

*High Speed Traffic Signal Safe Stop Technology*  
Ricky Parker - Paradigm Traffic Systems

*Closed Loop Management of School Zone Flashing Beacon Systems*  
April Spears - Electrotechnics Corporation

### 2B (Magnolia)

#### Sustainability

*Planning for Immobility*  
Jeff Taebel - Houston-Galveston Area Council

*The Role of Mobility in Placemaking*  
Scott Slaney - SWA Group

*Context Sensitive Solutions*  
Andrew Howard - Kimley Horn & Associates

*Upper Valley Traffic Study in El Paso*  
Randy Schulze - Walter P. Moore & 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. Through TexITE, transportation professionals strive to help Texans provide a safer, cleaner, and more convenient and efficient transportation system.

Visit: [www.texite.org](http://www.texite.org) for more details

## CCTexITE Texas Hold'em Tournament Sponsors

**CJ Hensch & Associates**

**Gerry de Camp**

**DeShazo, Tang & Associates, Inc.**

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