

**Greater Houston Area Section
District 9
Institute of Transportation Engineers**

*Year 2010 Annual Section Report
April 2011*



**GREATER HOUSTON AREA SECTION
DISTRICT 9
INSTITUTE OF TRANSPORTATION ENGINEERS**

**GREATER HOUSTON AREA
ITE SECTION REPORT
MARCH 14, 2011**

TABLE OF CONTENTS

Annual Report for the Greater Houston Section	1
Greater Houston Section – Activities Summary	5
Attachment A: Summer TexITE Conference, June 2010, Sugar Land, TX	8
Attachment B: TexITE Houston Shrimp Boil, George Bush Park in Houston, TX	12



_____	Institute Affiliate	\$ _____
_____	Institute Affiliate Retired	\$ _____
<u>31</u>	Student Member	\$ _____

Section Affiliates [List Each Type]:

_____	_____	_____
_____	_____	_____
_____	_____	_____

Financial:

Does your section have a Federal Employer Identification Number?

Yes No

If yes, what is the number? _____

Balance of Funds on hand at the Beginning of the Reporting Period: \$ 34,468

Income for the Reporting Period:

Membership Dues	\$ _____	
Gross Income from Meetings	\$ <u>9,270</u>	
Investment Income	\$ _____	
Advertising Income	\$ _____	
Contributions	\$ <u>702</u>	
Other Principal Sources of Income (please list below):		
Shrimp Boil Fundraiser	\$ <u>9,184</u>	
Interest from Savings	\$ <u>120</u>	
	\$ _____	
	\$ _____	
Total Income:		\$ <u>19,276</u>

Expenditures for the Reporting Period:

Newsletter Printing/Postage	\$ _____	
Travel	\$ _____	
Meetings	\$ <u>16,964</u>	
Special Projects	\$ _____	
Awards	\$ <u>250</u>	
Scholarships	\$ <u>1,500</u>	
Other Expenditures:		
Training/Webinars	\$ <u>1,450</u>	
Shrimp Boil Expenses	\$ <u>4,466</u>	
	\$ _____	
	\$ _____	
Total Expenditures:	\$ _____	
Net Income (Expense)		\$ <u>24,630</u>

Balance of Funds on hand at the End of the Reporting Period: \$ 29,114

Was there a change in the Section Bylaws during this reporting period? (If yes, please attach a copy of the new bylaws.)

Yes No

Technical Activities:

List Projects underway by title and, if available, provide expected date of completion:

List Projects by title, which were completed during this reporting period and, if available, attach a copy of the report:

Assisted District 9 Chapter with hosting the Summer
TexITE Conference in Sugar Land, TX (see attachments)

Legislative Activities during this reporting period:

N/A

Meetings held during this reporting period:

Date: 3/10/2010 Location: HESS Club; Houston, TX
Purpose: Bus./pdh credit Attendance: 84

Date: 4/14/2010 Location: HESS Club; Houston, TX
Purpose: Bus./pdh credit Attendance: 77

Date: 5/12/2010 Location: HESS Club; Houston, TX
Purpose: Bus./pdh credit Attendance: 54

Date: 7/14/2010 Location: HESS Club; Houston, TX
Purpose: Bus./pdh credit Attendance: 61

Date: 8/11/2010 Location: HESS Club; Houston, TX
Purpose: Bus./pdh credit Attendance: 58

Date: 9/8/2010 Location: HESS Club; Houston, TX
Purpose: Bus./pdh credit Attendance: 62

See Section Report for additional meetings

Student Chapter Activities during this reporting period:

- In September 2010, Dustin Qualls provided a Houston TexITE presentation to the Texas A&M student chapter.
- Students have been involved at Shrimp Boil and summer TexITE in Sugar Land.

Awards Presented during this reporting period:

Award Name: Young Engineer of the Year
Recipient's Name: Matt Johnson, PE
Purpose of Award: Recognizing a section member 35 years or younger who has provided leadership and/or been active in a transportation related organization.

Form of the Award: Received plaque

Award Name: TexITE Houston Scholarships
Recipient's Name: Aohon Guo, Elizabeth Heeb, and Aaron Respall
Purpose of Award: For undergraduate or post-graduate students pursuing academic achievement in a transportation related program.

Form of the Award: \$500 award/recipient

Award Name: _____
Recipient's Name: _____
Purpose of Award: _____

Form of the Award: _____

Award Name: _____
Recipient's Name: _____
Purpose of Award: _____

Form of the Award: _____



**GREATER HOUSTON AREA SECTION
DISTRICT 9
INSTITUTE OF TRANSPORTATION ENGINEERS**

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ITE SECTION REPORT
MARCH 14, 2011**

Leadership

President David Worley, PE, City of Sugar Land Public Works Department
Vice-President Dustin Qualls, PE, PTOE, Traffic Engineers, Inc.
Secretary/Treasurer Jason Vaughn, PE, Fort Bend County Engineering Department
Section Representative Manu Isaac, PE, Kimley-Horn and Associates, Inc.

Financial status

Account balance as of December 31, 2010: \$29,114

General

The Section holds monthly luncheon meetings on the second Wednesday of the month, at the Houston Engineering and Scientific Society Club (HESS Club), located at 5430 Westheimer Road in Houston.

The Section hosted the 2010 Summer Meeting in Sugar Land on June 17-19, 2010. Also, the annual Shrimp Boil was held October 16, 2010 at George Bush Park, Harris County, Texas.

The section has an active website and Facebook page to keep the members updated. The website can be found at <http://www.texitehouston.org>, along with the section blog, archived PDH information, and registration for upcoming events.

Shrimp Boil

The Shrimp Boil is Houston Section's main social event and is held every year in October. The 2010 annual Shrimp Boil was held on October 16, 2010, at the George Bush Park in Precinct 3 of Harris County. Members and family enjoyed a Saturday afternoon at the park and had fun and fellowship. In addition to all you can eat gulf coast shrimp, hot dogs, snacks and beverages; fun events included activities for kids like moonwalks, piñata, and games. Expenses for the Shrimp Boil were covered through tickets and sponsorships. The event was blessed with great weather and was well attended by over 200 people.



Revenue: \$9,084.00
Expense: \$4,641.52



The 2011 Shrimp Boil is tentatively planned for October 1st at Tom Bass Park.



Committees

The Section has four current standing committees: Membership, Technical, Program, and Web Committee. The Membership committee is chaired by Dave Wright of Jacobs, the Technical Committee is chaired by Rick Staigle of Traffic Engineers Inc., the Program Committee is chaired by Charles Stevens of Binkley & Barfield, and the Web Committee is chaired by Dustin Qualls of Traffic Engineers Inc. The Scholarship committee is currently chaired by the President.

Membership

Based on current year 2010 membership information, the Section has 193 dues paying members, including 31 student members from local colleges and universities. The Section added 12 new local-paid members since January 2010.

2010 Year-to-Date MONTHLY MEETINGS

Date	Speakers	Topic	Attendance
02/10/2010	Darrell Borchardt, PE, TTI	Houston Livestock Show & Rodeo Shuttle Bus Operations	52
03/10/2010	Harris County Judge Ed Emmett	Harris County Traffic and Transportation	84
04/14/2010	METRO Police Chief Tom Lambert	METRO Red-Line Safety Features and ITS America	77
05/12/2010	Professor Gene Hawkins, Texas A&M University	2009 MUTCD Changes	54
07/14/2010	Stuart Corder, PE, TxDOT & Tony Voigt, PE, TTI	Hurricane Preparedness and Evacuation	61
08/11/2010	Kevin Cole, Chairman, SH 288 Partnership	SH 288 Partnership and Transportation	58
09/08/2010	Dr. Carol Lewis, Texas Southern University	Comparisons of Hurricane and Evacuation Models	62
11/10/2010	Mike Ereti, PE, City of Houston Public Works and Engineering	The History of the Highway Capacity Manual	47
12/08/2010	None	Annual Business Meeting	33

Webinars

The Section has funded and hosted 11 different ITE webinars in 2010 with an attendance varying from 10 to 22 section members. The webinars included are the Fundamentals of Traffic Engineering Web Series (8 modules), Ask the Access Board - Accessible Pedestrian Signals, Retrofitting for Complete Streets, and Roundabout Design and Operations.

Student Scholarships

The Section awarded Year 2009-2010 TexITE scholarships to three local transportation students enrolled in an undergraduate or post-graduate academic program. Ahon Guo, Elizabeth Heeb, and Aaron Respass were each awarded \$500 scholarships and certificates for their academic achievements. The Section decided to increase the amount for future TexITE scholarships to a total of \$3,000 (with the single recipient maximum at \$2,000). Applications for the Year 2010-2011 scholarships are being accepted and will be reviewed by the Scholarship Committee for award in April 2011.



**GREATER HOUSTON AREA SECTION
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Additional Information

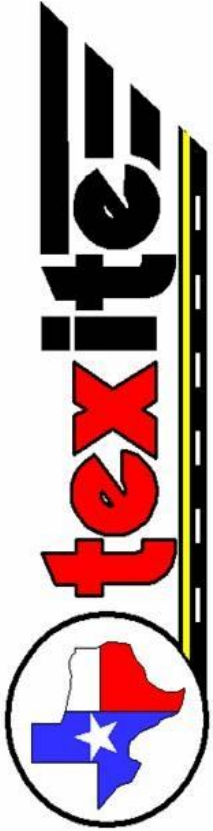
As part of Engineers Week, Matt Johnson, PE, PTOE, was named Young Engineer of the Year for 2010. Matt was honored at a special banquet on February 15, 2010 at the Intercontinental Houston Hotel.

2010 Summer TexITE Meeting

The Section hosted the 2010 Summer TexITE conference on June 17-19 in Sugar Land, Texas. The conference was held at the Sugar Land Marriott Hotel, and about 313 persons registered for the conference. Full registration included 168 ITE and two retired members, 29 students, 10 speakers and 23 vendors or non-members. Part-time registration included 81 persons and vendors. The meeting was well organized and had good attendance. The Local Advisory Committee included two coordinators and 19 local members serving on ten subcommittees.



The Section, in coordination with TexITE District staff, was able to provide the Alternative Intersections and Interchanges Workshop that was presented by Dr. Joe Bared from the Federal Highways Administration. Also, the Summer TexITE Conference included a technical tour of the City of Sugar Land's ITS / Operations Center and a Friday Night social at the Historic George Ranch in Fort Bend County.



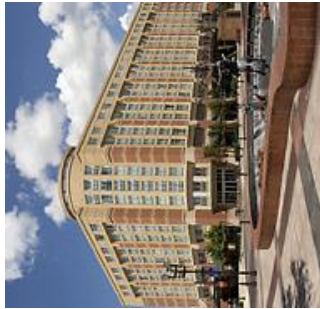
Highway Products Group
Registered Vendor List



- 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.**
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- ITERIS, INC.**
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- SENSYS NETWORKS, INC.**
- RUGGED COM, INC.**

2010 Summer Meeting
Sugar Land Marriott
Town Square





Welcome To Sugar Land

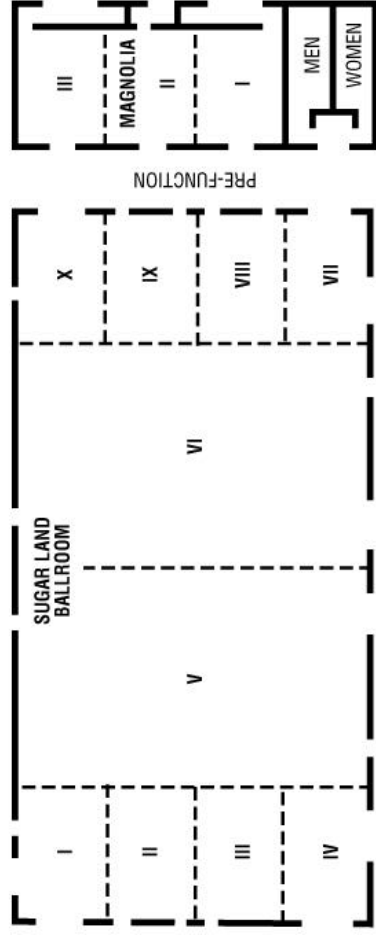
Founded as a sugar plantation in the mid 1800s and incorporated in 1959, Sugar Land is located 20 miles southwest of downtown Houston. MONEY magazine and CNN have chosen Sugar Land as one of the 100 Best Place to Live in the nation. Sugar Land is proud to host the 2010 Summer TextITE Meeting.



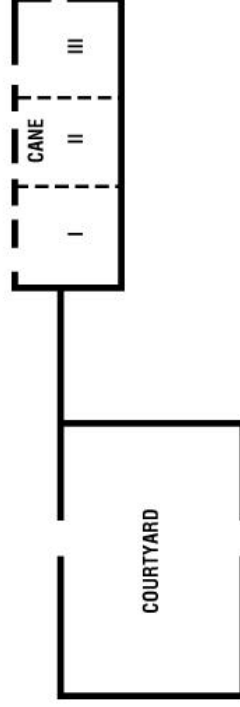
Schedule at a Glance

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	TextITE 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	CCTextITE Texas Hold 'Em Tournament (Cane)
8:30 pm - ??	Tone Def (Magnolia)

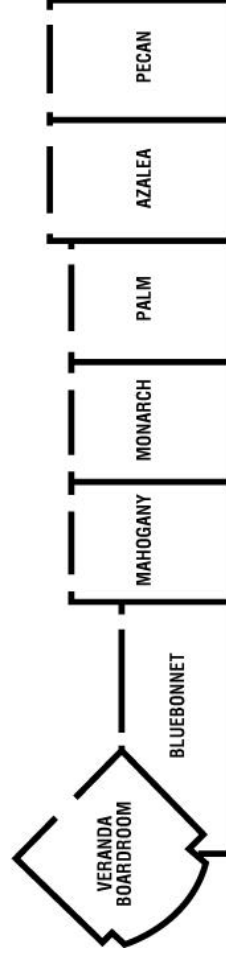
MEETING MAP



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 & 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 & Westcott Roundabout in Houston, Texas</i> Monica Savino - Washington on Westcott Roundabout Initiative</p> <p><i>Innovative Traffic Flow Designs: Median U-Turn Lanes & 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 Street-cars 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 & 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

Friday, June 18 – Technical Program Cont.

<p>Plenary Session 1 (1:30 - 3:00 pm)</p> <p><u>Transportation Funding and Project Delivery</u></p> <p><i>Transportation Funding—The Political Perspective</i> Steve Stagner - Texas Council of Engineering Companies</p> <p><i>Past Successes and Innovations Moving Forward</i> Christie Jestis - North Central Texas Council of Governments</p> <p><i>Building a Statewide Coalition to Advocate Revenue Measures to Fund Transportation</i> Vic Suhm - Tarrant Regional Transportation Coalition</p> <p><i>Delivering Traffic and ITS on a \$1 Billion Design-Build Project</i> Brian Shewski - Kimley-Horn and Associates</p>	
<p>Student Poster Session (3:00 - 3:30 pm)</p> <p><i>Predicting the Incremental Effects on Transit Ridership Due to Bus-on-Shoulder Operations</i> - Eleni Pappas, University of Texas at Austin</p> <p><i>Operational Strategies for Reducing Freight Truck Fuel Consumption</i> - Melissa Thompson, University of Texas at Austin</p> <p><i>The Feasibility of Long Combination Vehicles for Texas</i> - Bridget Blenkowski, University of Texas at Austin</p> <p><i>Traffic Assignment Considering Air Quality</i> - Jenping Lu, Texas A&M University</p> <p><i>Operational Benefits of Median U-Turn Treatments</i> - Kristopher Ball, Texas A&M University</p> <p><i>Study on the Operation of Freeway Key Scenery Areas</i> - Hongmin Zhou, Texas A&M University</p> <p><i>Comparison of Different Left-Turn Strategies</i> - Mehdi Azimi, Texas A&M University</p> <p><i>An Alternative to Fuel Tax: An Innovative Taxing Scheme Based on Trip Generation</i> - Justin Clark, Texas A&M University</p> <p><i>Vehicle Miles Traveled Fee Options: A Case Study of Texas</i> - Lisa Larsen, Texas A&M University</p> <p><i>Design and Implementation of a Real Time Hazardous Incident Monitoring System: Petrochemical Incident Location System</i> - Latisha Clark, Texas Southern University</p> <p><i>Review of Available Non-Intrusive Inspection Technologies for Inspection of Cargo at Ports of Entry</i> - Yubian Wang & Yi Qi, Texas Southern University</p> <p><i>Use of Flashing Yellow Arrow Signal Display to Improve Safety at Signals with Protected-Permissive Left Turn Operations</i> - Zhang Min & Yi Qi, Texas Southern University</p> <p><i>Evaluating the Effects of Transit Oriented Development in a Suburban Environment</i> - Krystal Lastrape, Texas Southern University</p>	

<p>Concurrent Sessions 2A and 2B (3:30 - 5:30 pm)</p>	
<p>2A (Cane)</p> <p><u>HPG Technical Presentations</u></p> <p><i>Ethernet Switch with Digital Diagnostics</i> Bob Martin - EtherWAN Systems</p> <p><i>High Speed Traffic Signal Safe Stop Technology</i> Ricky Parker - Paradigm Traffic Systems</p> <p><i>Closed Loop Management of School Zone Flashing Beacon Systems</i> April Spears - Electrotechnics Corporation</p>	<p>2B (Magnolia)</p> <p><u>Sustainability</u></p> <p><i>Planning for Immobility</i> Jeff Taebel - Houston-Galveston Area Council</p> <p><i>The Role of Mobility in Placemaking</i> Scott Slaney - SWA Group</p> <p><i>Context Sensitive Solutions</i> Andrew Howard - Kimley Horn & Associates</p> <p><i>Upper Valley Traffic Study in El Paso</i> Randy Schulze - Walter P. Moore & Associates</p>



Texas District of the Institute of Transportation Engineers (TextITE) 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 TextITE, transportation professionals strive to help Texans provide a safer, cleaner, and more convenient and efficient transportation system.

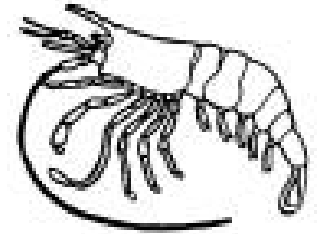
Visit: www.textite.org for more details

CCTextITE Texas Hold'em Tournament Sponsors

- | | |
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**TexITE Greater Houston Section
Annual Shrimp Boil
Saturday, October 16, 2010
George Bush Park, Pavilion #3
S. Barker-Cypress Road south of
Westheimer Parkway
Houston, Texas**



It's peel'em and eat'em time, so get ready for the TexITE Greater Houston Section Shrimp Boil. This year the event will be held at George Bush Park, Pavilion #3, in Harris County Precinct 3. [Click for more information about the park.](#)

So what are you waiting for? Pack yourself up and prepare to enjoy an afternoon of food, fun and the company of countless others at the 2010 Greater Houston Section of TexITE.

- (13 and over) \$7.00 in advance, \$10.00 at the gate.
- Children 7 to 12 \$3.00 in advance, \$5.00 at the gate.
- Children 6 and under no charge.

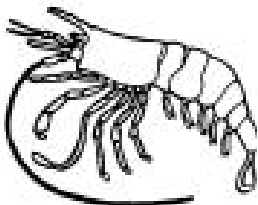
Note: There will be Hot Dogs available for the kids who have no taste for those scrumptious crustaceans of the sea.

To register online, please visit <http://www.texitehouston.org> and look in the "Events at a Glance" sidebar on the right.

Directions to the park:

- The park is south of Westheimer Parkway, on the east side of S. Barker-Cypress Road.
- Pavilion #3 will be on the south side of the park loop, east of S. Barker-Cypress Road.
- See the link above for more detail, or see the attached map.

**Please make checks payable to TexITE
c/o Dustin Qualls
Traffic Engineers, Inc.
8323 Southwest Freeway, Suite #200
Houston, TX 77074**



If you have questions, please call Dustin @ (713) 398-7461
Or, feel free to email: dustin@trafficengineers.com



