



# texite

**District 9 of the Institute of Transportation Engineers**

Volume 51, Number 3

Winter 2005

## Real World Transportation Solutions

The 2006 TexITE Winter Meeting is being held in conjunction with the ITE 2006 Technical Conference and Exhibit. The joint meeting is entitled, "Transportation Solutions for the Real World" and will be held March 19-22 at the Crown Plaza Riverwalk in San Antonio, Texas.

The ITE 2006 Technical Conference and Exhibit will highlight state of the art industry practice from across the world to establish an atmosphere of collaboration between transportation professionals and community advocates. Conference attendees will hear from and participate in discussions with preeminent transportation professionals, community leaders and leaders in allied fields.

The information shared at this joint meeting is critical to transportation professionals employed by federal, state, regional and local government agencies as well as consulting firms, universities and manufacturers.

Technical Sessions for the Conference include sessions focused on Neighborhoods and Communities, Districts Solutions, Regional and Crosscutting Issues, and Implementation of Transportation Solutions. A few of the featured topics are listed below:

- Neighborhoods and Communities Sessions - Safe Routes to School, Crosswalk Treatments, High Density Smart Growth, Neighborhood Traffic Management, Intersection Turn Lanes, Involving Communities in Land Use and Transportation, and ADA Guidance.
- District Sessions – Roundabouts, Context Sensitive solutions, Traffic Signals, Curbside Management and Operations, Bus-Friendly Design, Engaging the Public in Transportation Decision-Making.
- Regional and Crosscutting Sessions – Transit in Sustainable Communities, Improving Pedestrian Design, Trip Generation for All Modes, Engineers & Stakeholders Trade Places, Influencing Driver Behavior, Complete Streets, Enhancing Community Through Transportation Design, Liability Issues.
- Implementing Transportation Solutions – The Strategic Highway Plan, Transportation Planning for Safety, Agency Challenges with Context Sensitive Solutions, Designing for All Users.

In addition to the Technical sessions highlighted above, a number of Professional Seminars will be held in conjunction with the ITE meeting. Professional Seminars do require an additional fee and include the following

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## Upcoming Meetings

**ITE 2006 Technical Conference  
and Exhibit -  
"Transportation Solutions  
for the Real World"**  
March 19-22, 2006  
Crowne Plaza Riverwalk  
San Antonio, Texas

**2006 TexITE Summer Meeting**  
June 22-24, 2006  
Hilton Hotel & Conference Center  
College Station, Texas

## President's Message

By Brian D. Van De Walle, P.E.,  
P.T.O.E.

The Texas Institute of Transportation Engineers is strong and healthy, with a growing membership, a dedicated, creative group of volunteer leaders and a vital professional development program. I am grateful to the many previous leaders, for their work as officers, board members, and committee volunteers, who have shown vision in their stewardship and dynamic commitment to TexITE.

There are some very talented people on our committees. Special thanks to the website and newsletter committees for our new "polished professional" look. I am also appreciative of all the help that we get from the Consultant Council, and the Highway Products Group.

Looking back, 2005 has been a great year for TexITE. At our 50th Anniversary celebration, we were able to provide our members with a stirring historical presentation through the efforts of countless volunteers. We also hosted a wonderful meeting in Laredo and a P.T.O.E. examination in Austin.

The upcoming year offers us another opportunity for success. We will be having a joint meeting with ITE International in San Antonio, at the Crowne Plaza Riverwalk, from March 19-22. I encourage all TexITE members to attend. My visions for the upcoming year include:

- Increased partnering with FHWA, TxDOT, and ITS Texas.
- Establish ourselves as a provider of Professional Development as well as being certified to provide Continuing Education to Transportation Professionals.
- Continued growth through recruitment and retention of members.

We can be proud of our organization. ITE has over 16,000 members in 92

*(Continued on page 4)*

## ← Announcements →



### ITE WEB SEMINARS OFFERED BY THE EDUCATIONAL FUND

#### UPCOMING COURSES

- ◆ Signal Timing
- ◆ Safety and Mobility
- ◆ Trip Generation
- ◆ Accessibility

#### REGISTRATION

The single site registration fee allows for an unlimited number of people in your organization to attend the training at one time and in one place.

#### EARN CONTINUING EDUCATION UNITS

Successful completion of this course includes:

- ◆ Verification of attendance
- ◆ Completion of a course evaluation
- ◆ Passage of an online quiz

These requirements must be met to receive a certificate of completion. Successful course completion earns 1.5 PDH or .15 IACET CEU.

#### FOR MORE INFORMATION

<http://www.ite.org/education/webinars.asp>

*Information from [www.ite.org](http://www.ite.org)*

## PolyTech Corporation Releases Traffic Impact Analysis Helper (TIAH) Version 3.0

Traffic Impact Analysis Helper (TIAH) version 3.0 was released in January 2006. If you have previously downloaded an evaluation copy of the program, we invite you to try the new release. TIAH 3.0 is designed to reduce the production cost and ensure the accuracy of intersection volume exhibits used in traffic impact studies.

TIAH is an AutoCAD® software that intelligently and automatically brings intersection volumes generated by traffic models such as Traffix™ or Synchro™ into your AutoCAD exhibits with just a few mouse clicks. Intersection volume data stored in Excel and other spreadsheets can also be used with TIAH.

The automated process achieved with TIAH significantly reduces TIA labor costs and produces zero-error exhibits. Traffic engineers and transportation planners all over the country use TIAH to shave off hours of unnecessary manual data entry and increase profit margins on their Traffic Impact Studies. To find out more about the new release of TIAH or to download an evaluation copy of the program, please visit us at:  
<http://www.polytechcorp.com/tiah.htm>.

## ITE 2006 Young Consultants Award Call for Papers

The Young Consultants Award, sponsored by and funded by ITEs Transportation Consultants Council, recognizes achievement in transportation consulting by younger employees of member firms of the Transportation Consultants Council. The award is bestowed annually for a paper reporting on transportation consulting activities; the paper does not have to report upon a total project, but can cover the portion of the project for which the writer was responsible.

### Award:

- ♦ Recognition at the ITE Annual Meeting and in ITE Journal
- ♦ Inscribed Certificate
- ♦ \$1,500 award check

### Eligibility:

- ♦ Any employee of a member firm of the Transportation Consultants Council who is also a member of ITE and who has not reached his/her 30th birthday by April 15.

### Paper Submission

- ♦ The paper should be typed double-space and should be no more than 20 pages, including illustrations.
- ♦ A one-page abstract should be included with the paper.
- ♦ Each nomination must have a cover letter from the member firm's representative to the Transportation Consultants Council, in which the representative approves the submission of the paper for entry into the awards competition.
- ♦ Must submit original paper to be considered by the deadline of April 2, 2006. Please submit the materials electronically formatted in Microsoft Word. Those submittals received after April 3 may not be considered.

Send paper submissions to:  
Heather Talbert—UTE HQ  
Email: [Htalbert@ite.org](mailto:Htalbert@ite.org)  
Attn: 2006 Young Consultant Award

## Upcoming Conferences

- ♦ March 19-22, 2006. TexITE Winter Meeting in conjunction with the ITE Spring Technical Conference. More information on page 7 of this Newsletter or on the ITE Web Site at: <http://www.ite.org>.
- ♦ June 22-24, 2006. TexITE Summer Meeting, Hilton Hotel and Conference Center, College Station, Texas.
- ♦ August 6-9, 2006. ITE Annual Meeting and Exhibits in Milwaukee, Wisconsin.
- ♦ 2007 TexITE Winter Meeting in Houston, Texas.
- ♦ August 5-8, 2007. ITE 2007 Annual Meeting and Exhibit in Pittsburgh, Pennsylvania.

## PTOE Certification

Upcoming Professional Traffic Operations Engineer (PTOE) examination dates in Texas will be:

**Saturday, March 18, 2006**

Crowne Plaza Riverwalk San Antonio  
111 Pecan St. East  
San Antonio, TX 78205

Application forms to sit for the PTOE exam must be received at least 30 days prior to the exam date. For applications and additional information about the exam, please visit <http://www.ite.org/certification/>.

*Real World Solutions (Continued from page 1)*

### topics:

- ♦ Local Road Safety Audits, 3/18/2006, sponsored by the Federal Highway Administration, \$75 Members / \$125 Nonmembers
- ♦ Signal Timing Fundamentals, 3/19/2006, \$300 Members / \$350 Nonmembers
- ♦ Attracting the Right People and Facilitating Successfully, 3/19/2006, offered by the National Charrette Institute, \$200 members / \$250 Nonmembers
- ♦ Designing Accessible Pedestrian Facilities in the Public Rights-of-Way, 3/23/2006, in coordination with Easter Seals Project Action, \$325 Members / \$375 Nonmembers.

Tickets for individual events are sold on a space-available basis. Conference registration and information can be accessed on the website at [www.ite.org](http://www.ite.org) or by calling 202-898-022 ext 112. Exhibit Registration and Information can be accessed at the website, by telephone at 202-289-0222 ext. 128 or by emailing [cdenakas@ite.org](mailto:cdenakas@ite.org)

Please join us in giving our national and international colleagues a warm Texas "Howdy!"

## District 9 Officers

### International Director:

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## Changing of the Guard

By Emily Braswell, Editor

The time has come to hand over the responsibility of the newsletter to new talent and new ideas. I want to thank you for two years of terrific opportunities to work with some of the greatest people in the world. Dena, Michelle, and I have enjoyed our time as Newsletter editors and look forward to a continued association with TexITE.

**Praveen Pasumarthy** of Wilbur Smith Associates has graciously agreed to serve as the TexITE Newsletter Editor. He will be working with the Technical Committee to produce the Technical Journal this summer and I know you will all be there for him.

If you are interested in helping Praveen, please contact him at the following email address: vpasumarthy@wilbursmith.com or reach him by telephone at Wilbur Smith in Houston at 713-785-0080.

*President's Message (Continued from page 2)*

countries. It is your link to a network of colleagues who will provide you with the information you need to do your job, advance your career and serve your profession. If you are interested in serving on a committee, offering a suggestion for improvement in our activities and programming, or have new creative ideas for fulfilling our mission, please contact me.

Sincerely,

Brian D. Van De Walle, P.E.,  
P.T.O.E.



## 2005 ITE Annual Meeting in Melbourne, Australia

By Marcus Brewer

I had the privilege of traveling to the ITE Annual Meeting in Melbourne, Australia to present a paper on a nearly-completed TCRP/NCHRP project on pedestrian safety led by Kay Fitzpatrick and Shawn Turner. I would like to express my thanks and appreciation to the ITE Transportation Consultants Council in offering the Young Professionals Scholarship Program; I am honored to be a recipient of a 2005 travel award, and I would like to tell a little bit about my experiences in attending the 2005 ITE Annual Meeting and Exhibit in Melbourne.

There were several things I wanted to accomplish on the trip or as a result of it, most of which I was able to do. First, I was selected to present a paper at the meeting, which allowed me to represent my colleagues and present our work in the forum of the ITE Annual Meeting. I was part of an outstanding session on safety and operations at roundabouts and unsignalized intersections, and I was excited to share the platform with some of the experts in the field and hear some of their experiences and expertise. (Thanks also go out to everyone who attended that session in the last time slot on Wednesday afternoon; you're either really dedicated to the topic or really dedicated to the meeting!)

Second, I wanted to take in the wide range of topics in the other sessions making up the technical program. I heard a great deal of information on various aspects of roadway and roadside safety, traffic control devices, traffic enforcement, and geometric design. Of special interest to me were the sessions on roadway design and on roundabout design and operations. These sessions were even more meaningful in a setting outside of the United States, where roundabouts are used much more frequently with great success. I had also planned to take part in a roundabouts workshop following the meeting, which unfortunately had to be

cancelled. However, I was able to view other roundabouts and roadway features in some of my other travels within Australia, which I thoroughly enjoyed.

I thought the meeting went well, with my usual problem of having time slots where I wanted to see more than one session. Still, most of the presentations I saw were very informative and interesting, and I was glad to be able to attend the conference. I also originally planned to attend a workshop on roundabout design and installation. Unfortunately, the low attendance at the meeting resulted in few registrants for all of the workshops on the schedule, which were subsequently cancelled. However, I had the unique opportunity to meet with representatives from VicRoads, who showed me and my father around Melbourne to look at the transit and freeway systems and discuss current projects. One project in particular is the Craigieburn Bypass Project in the northern suburbs of Melbourne, which will link the Hume Freeway (running from Melbourne to Sydney) with the Metropolitan Ring Road. The bypass is intended to move commuting traffic off of the local street network, reducing congestion and improving safety. The project also has some unique characteristics with regard to alignment near a railroad line, consideration of wetlands and endangered species, and noise management. Part of the bypass has been completed and opened to traffic,

while the rest is scheduled to be complete late this year. I have included a picture showing one of the noise walls on the bypass; it is called the Blue Louvres wall, and each louvre is rotated slightly to create the effect that the louvres are constantly moving as motorists travel by.

Third, I wanted to experience the exhibits and networking opportunities available at the Annual Meeting. I was able to meet many new colleagues in the exhibit area and between sessions, and it was interesting to hear about current issues and talk with other transportation professionals about common interests, problems, and solutions. I was also pleased to meet all of the travel award winners and hear some of their experiences as young professionals.

Fourth, as Vice-President of the Brazos Valley Section of ITE, I wanted to represent the Section and provide an added connection between our local Section and the national Council. In addition to the Blue Louvres picture, I have about 2,000 more pictures from my travels "down under", which I am getting closer to categorizing and labeling. I've shown about 100 of those in a presentation I was able to make to the BV Section about my experiences on the trip, and I hope to be able to make similar presentations to other groups, such as the Texas A&M

*(Continued on page 9)*



*Blue Louvres Noise Wall in Melbourne*



## **ITE 2006 Technical Conference and Exhibit**

*Held in conjunction with ITE District 9 and in cooperation with the Federal Highway Administration*

**Crown Plaza Riverwalk**

**San Antonio, TX, USA**

**March 19—22, 2006**

### **Transportation Solutions for the Real World**

#### **CONFERENCE OVERVIEW**

The ITE 2006 Technical Conference and Exhibit, "Transportation Solutions for the Real World," will highlight leading practice across the world and establish an atmosphere of collaboration between transportation professionals and community advocates to create a new vision for transportation systems.

Conference attendees will hear from, and participate in, discussions with preeminent transportation professionals, community leaders and leaders in allied fields. In addition, there will be ample opportunity for informal discussion with both speakers and other meeting attendees. Exhibits of transportation products and services will introduce attendees to the latest advancements in the industry.

Through discussion sessions, invited speakers and presentations, this conference will facilitate a shared dialog for transportation in the real world. The information shared at the conference will be critical to transportation professionals employed by federal, state/provincial, regional and local government agencies, consulting firms, universities and manufacturers as well as community advocates and policy decision-makers. If you want to do more to improve transportation for your community, you should attend this conference and share your best ideas and experiences. You will leave the conference with examples of leading practice across the world and ideas of what you can do now to make a difference.

#### **WHY YOU SHOULD ATTEND**

- ITE will provide the information needed to make immediate improvements with solutions and ideas discussed during the conference.
- You will hear from preeminent transportation professionals, community leaders and leaders in allied disciplines.
- Opportunities will be available for informal discussions with speakers, exhibitors and other meeting attendees.
- Exhibits of transportation products and services will introduce you to some of the latest advancements in the industry.
- You will be armed with an Action Kit to help you act quickly once you return from the conference.

#### **WHO SHOULD ATTEND**

The information generated at the conference will be critical to transportation professionals employed by federal, state/provincial, regional and local government agencies, consulting firms, universities and manufacturers as well as community activists and policy decision-makers.

*Information from [www.ite.org](http://www.ite.org)*



## REGISTRATION INFORMATION

### Registration Hours

Sunday, March 19 2:00 p.m.-5:00 p.m.  
Monday, March 20 8:00 a.m.-4:30 p.m.  
Tuesday, March 21 8:00 a.m.-4:30 p.m.

All ITE 2006 Technical Conference and Exhibit participants, including speakers and presiders, **MUST REGISTER** for the conference. Speakers and presiders must register for a one-day registration at minimum in order to guarantee your spot on the program.

### Compendium of Technical Papers on CD-ROM

A copy of the *ITE 2006 Technical Conference and Exhibit Compendium of Technical Papers* on CD-ROM is included in the registration fee. Additional copies may be purchased using the online registration or onsite at the ITE Registration Desk.

### Refund Policy

Tickets for individual events are sold on a space-available basis and may be purchased at the registration desk until noon on the day before the event. No refunds will be issued for unused tickets, whether purchased as part of a registration package or separately.

Full refunds will be given for registration cancellations received on or before Monday, February 20, 2006. Cancellations received after February 20, 2006, but before Monday, March 6, will be subject to a 50 percent cancellation fee. **No refunds will be given after March 6, 2006.**

### Conference Registration and Information

Telephone: +1 202-289-0222 ext. 112  
Fax: +1 202-898-4131

### Exhibit Registration and Information

Telephone: +1 202-289-0222 ext. 128  
Fax: +1 202-289-7722  
E-mail: [cdenekeas@ite.org](mailto:cdenekeas@ite.org)

### HOTEL ACCOMMODATIONS-CROWNE PLAZA RIVERWALK SAN ANTONIO

111 Pecan St. East  
San Antonio, TX 78205  
Main: 210-354-2800  
Fax: 210-362-6444  
Reservations (toll free within the US) 888-623-2800  
<http://www.crownplaza.com>

Enjoy all the excitement, charm and culture of San Antonio while staying at this beautiful AAA 4-diamond hotel. Experience the warmth and comfort of the grand hotel combined with the comfort and amenities of today's business hotels. The hotel is within walking distance of the Alamo, Hemisfair Park and Tower, El Mercado Marketplace, the San Antonio Convention Center and the River Center Mall. And it's just a short drive to Fiesta Texas, a Six Flags Amusement Park, Sea World, Schlitterbahn Water Park, the San Antonio Missions and the San Marcos Outlet Center.

All rooms are wired with high speed Internet access with Wi-Fi (wireless) access in the public areas. Valet and self parking are available for all guests and meeting attendees. The hotel features a roof top pool, sauna, whirlpool and a complimentary full fitness center.

- Single/double rate: \$149 + 16.75% tax per night (tax rate subject to change without notice)
- Special ITE rates expire: **Monday, February 20, 2006**

Please specify in advance the time and date of arrival and departure and identify yourself with the ITE meeting. The ITE room block will be held until **February 20, 2006** and then released for sale to the general public.

**Government employees:** a limited number of sleeping rooms are available at the federal government per diem rate. These rooms will be offered on a first-come, first-served basis.

A deposit equal to one night's stay is required and will be applied to the first night of the reserved stay. It is refundable only if the reservation is cancelled at least 72 hours prior to scheduled date of arrival. All deposits are charged at the time the reservation is made.

# Section News & Activities

## Brazos Valley Section

The Brazos Valley Section will host the 2006 Summer TexITE meeting. Dates for the meeting are June 8-10, 2006. **Srini Sunkari** will be serving as the local arrangements chair.

## Capital Area Section

The next meeting for the Capital Area Section will be held on April 7, 2006. You can find information about their upcoming meetings at: <http://texite.org/austin/>.

## Greater Dallas Section

The Greater Dallas Section holds meetings on the second Thursday of each month. You can find information about their upcoming meetings at: <http://www.texite.org/dallas/maindallas.htm>.

## Greater Fort Worth Section

The Section typically meets on the third Thursday of each month at Joe T. Garcia's in Fort Worth for a noon hour meeting providing conversation, networking and a technical presentation. Speakers at our meetings come from a wide range of entities including governmental, academics/research, and consultants, to name a few. Check out the website for more details: [www.texite.org/fortworth/mainfortworth.htm](http://www.texite.org/fortworth/mainfortworth.htm).

## Greater Houston Section

Register online at <http://www.texite.org/houston/mainhouston.htm>

Planning has begun for the 2007 Winter TexITE State Meeting to be held in Houston. Hotel locations are currently being sought; more details will come later, so stay tuned.

## South Texas Section

You can find section meeting

information at this website: <http://www.texite.org/southtexas/index.htm>.

## People News

### Greater Houston Section

Brown & Gay Engineers, Inc. announces the appointment of **Federico J. Mendoza, P.E., PTOE** as Director of the Traffic Engineering Group, **Isaac F. Joskowicz, P.E., PTOE** as Deputy Director of the Traffic Engineering group, and **Christopher D. Cotter, P.E.** as Director of the Transportation Engineering group. **Isaac** also completed 15 hours towards his PhD in Traffic Engineering from the University of Texas at Arlington, and he continues to teach Transportation Engineering at the University of Houston for the 14th consecutive year. **Trisha Wheeler** and **Rebecca Spaeth** join **Stephen Hanuscin** and **Melvin Garcia** as interns in the Traffic Engineering group.

## Area News

### Greater Dallas Section

For the second year running, **Kimley-Horn and Associates, Inc.** has been named to FORTUNE magazine's list of the 100 Best Companies to Work For, this year appearing at number 20.

The employee-owned engineering and planning firm has nearly 2,000 staff in 54 offices in 14 states. It expects to hire more than 800 new staff in 2006 to meet its aggressive growth plans, says Director of Human Resources **Barry Barber**.

Details of the most recent listing appear on the FORTUNE web site and in the January 23 issue of FORTUNE.

### Greater Fort Worth Section

The **City of Fort Worth** has initiated a new Railroad Program to improve railroad grade crossings, reduce train horn noise, and improve crossing safety. These goals will be accomplished by improving crossing protection devices, deploying quiet

zones, and promoting the safe use and operation at railroad grade crossings. The city has prepared a guideline to provide direction to manage this program. For an overview of the program, contact **Russ Wiles** at [Russell.Wiles@fortworthgov.org](mailto:Russell.Wiles@fortworthgov.org) or view an overview at [fortworthgov.org](http://fortworthgov.org), and select City Departments, then Transportation and Public Works, then What We Do, then Railroad Program.

## Student News

### Texas Southern University

This fall, the Texas Southern University chapter of ITE completed its first successful semester under the leadership of **Kenneth Brown**, Chapter President and **Warren Curtis**, Chapter Vice President. They invigorated the TSU chapter of ITE through fundraisers, group socials, and various projects. They kicked off the year with speaker **Loyd Smith**, the Director for the Traffic Management Division at the Metro in Houston, Texas.

The first accomplishment for this chapter was the creation of their chapter website. Webmaster, **Hao Liu**, and **Kenneth Brown** worked together to create a unique site, not only to bring TSU's chapter to the forefront but to establish a working relationship with other chapters in the ninth district. Student networking chair, **Mehdi Azimi**, was responsible for communicating with the other chapters and did so through email.

The chapter also made several contributions to the surrounding Houston community. In response to the recent Hurricane Katrina, several members volunteered their time at Houston's Reliant Center, along with making a \$35 cash donation on behalf of the organization. On Thanksgiving Day, members volunteered at the George R. Brown Convention Center for its annual Feed the Homeless Day event, assisting the staff in administering clothing to the homeless and less fortunate.

However, this did not conclude the chapter's efforts. Members also

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*Student News (Continued from page 8)*

dedicated their time to the transportation program they represented. At the annual Texas Southern University Career Fair, member **Blain McKenzie** created the Transportation Studies program poster board displayed at the event and helped to sign more than 40 undergraduate students interested in a Masters of Science in Transportation.

Members will also represent the program through research efforts in the spring. The chapter currently has 3 papers submitted by **Kenneth Brown**, **Blain Mckenzie**, and **Hao Liu** to the TRB conference in January of 2006. President **Kenneth Brown** was recognized as the Southwest Region University Transportation Center student of the year, and will also be participating in a poster board session.

TSU's Chapter of ITE has clearly made tremendous strides this semester. The chapter has as one element of its mission to be instrumental in raising the standard of excellence at their chapter.

*Melbourne, Australia (Continued from page 5)*

University Student Chapter, as a way to encourage membership and participation in ITE.

Finally, the opportunity to visit Australia was very important for me. In addition to the unique characteristics of transportation in that country, I truly enjoyed experiencing firsthand some of the culture and personality found only in that part of the world. I found Australians in general, and Melburnians in particular, to be very friendly and hospitable, and I had a wonderful time seeing some of the natural beauty and popular sites around Melbourne, Sydney, and Cairns.


All in all, I considered this to be the trip of a lifetime. Thanks to Jon Cunningham and Trevor Boyd at VicRoads for their hospitality and courtesy in taking the time to show us around and talk with us at length about Melbourne-area transportation. Thanks also to TTI for paying for conference expenses, and I would again like to thank the ITE Transportation Consultants Council for sponsoring their scholarship to cover most of the cost of my air fare. I look forward to seeing familiar faces at future meetings, and I hope to see everyone at the Technical Conference and Exhibit in San Antonio!

Best wishes,  
Marcus Brewer

## Job Postings

The Job Center section of the web site has seen a lot of action lately. An index page of positions available and on-line submission of job openings have been added. Check it out at <http://www.texite.org>.

## Professional Services Directory



**R. T. ABRAHAMSON, PE, RPLS**  
PRINCIPAL ENGINEER & SURVEYOR, CEO  
FORENSIC & HUMAN FACTORS ENGINEER

**ABRAHAMSON & ASSOCIATES**  
ENGINEERING • PLANNING • SURVEYING

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SCIENTIFIC VEHICLE ACCIDENT ANALYSIS & RECONSTRUCTION  
SITE PLANNING • ROADWAY DESIGN  
HYDROLOGY & HYDRAULICS ANALYSIS & DESIGN

ASCE, CSI, HFES, I-ENG-A, ITE, NAFE, NFO, NSPE, TSPE, TSPS

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AMARILLO, TX 79101-3541  
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[www.browngay.com](http://www.browngay.com)  
[bge@browngay.com](mailto:bge@browngay.com)

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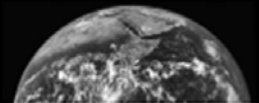
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