



TENNESSEE TRANSPORTATION NEWS

Spring 2006

Volume 11, Issue 1

Off and Running...

TSITE kicks off 2006 in Knoxville

Yes, it was two meetings in a row for Knoxville (Fall Meeting was a joint one here with the APA and ASLA), but it was UT's turn to host the Section. Standing protocol is to have the Winter Meeting on the campus of a student chapter and UT was up to bat. The repeat location didn't affect attendance as 66 engineers and engineering students met in the UT Conference Center on Chapman Highway on February 16.

The technical component featured Bill Cole (City of Knoxville), Mark Burton (UT Center for Transportation Research), Jeff Mize (Wilbur Smith Associates), and Arun Chatterjee (UT Dept. of Civil Engineering).

Those present welcomed back Bill Kervin (CH2M Hill). Bill has been away from TSITE meetings for two years but made his post-Iraq debut at the Winter Meeting. Several other members made this their first meeting and UT students dropped in between classes. Thanks to everyone who made the first 2006 meeting a success!

Engineer's Week 2006

This year's National Engineer's Week again was highlighted with awards dinners in several cities across Tennessee. In Nashville, TSPE hosted the annual All-Engineers banquet at Vanderbilt's Stadium Club. TSPE also sponsored Knoxville's engineering banquet at the Knoxville Convention Center. The speaker here was Retired General Carl Stiner. In addition to his military career, Gen. Stiner co-authored the novel Shadow Warriors with Tom Clancy. At the time of publication, we know of no special recognitions of ITE members from this year's Engineers Week. If you know any, please let us know!

Ready for Anything!

Quick recovery: MS pulls off District meeting
When Katrina's wind and waves pummeled Biloxi's shores, this April's ITE meeting wasn't first on anyone's mind. But, as the water receded and emergency responses began to relax, someone remembered that SDITE's plans were definitely going to change.

But, rather than move out of state or call the meeting off altogether (either of which might have been easier), the Mississippi Local Arrangements Committee made the decision to keep the meeting by moving it north to Jackson.



With an incredibly short planning period, the LAC and Associated Business Division put together a great meeting in the Mississippi capital. The technical program took an appropriate and timely emergency-related theme and the

ABD epitomized the hospitality of the deep south with dinner at the Old Capitol Inn.

We congratulate the Deep South Section and in particular the Mississippi Local Arrangements Committee and look forward to next year's meeting in Knoxville.

TIME TO...

CHECK YOUR CALENDAR!

TSITE Spring Meeting April 27, 2006
Memphis, TN

TSITE Summer Meeting June 23-24, 2006
Fall Creek Falls State Park

ITE Annual Meeting August 6 - 9, 2006
Milwaukee, Wisconsin

TSITE Fall Meeting September 24 - 26, 2005
Chattanooga, TN

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MEMBER MEMOS

- Welcome new members!

Chad Clark, Wisser Co.

Stephen Bryan, Gresham Smith and Partners

Edwin Turbyfill, Gresham Smith and Partners

Christopher Davis, Volkert & Assoc.

Todd Knucky, American Consulting Engineers

Anthony Tagliaferri, Stantec Consulting Svcs.

Thomas Clinard, Clinard Engineering Assoc.

Brian Gaffney, Clinard Engineering Assoc.

- Congratulations to Beth and Chad Pfohl on the birth of Charlie Patrick on April 5.

NEWS FROM ITE

The Transportation Professional Certification Board, Inc. is launching three new certification programs for the transportation profession: Traffic Operations Practitioner Specialist (TOPS); Traffic Signal Operations Specialist (TSOS); and Professional Transportation Planner (PTP).

The inaugural exams for TOPS and TSOS are scheduled for Milwaukee, WI, on August 5, 2006, and at multiple locations in the United States and Canada on October 21, 2006, at which the PTOE exam will also be offered. The PTP program's inaugural exam will be in 2007. If you are interested in sponsoring a site, contact tbrahms@ite.org.

...

The new programs are for practitioners without professional licensure and are intended to compliment the PTOE certification. The certifications will not substitute for appropriate professional licenses when they are required for specific responsibilities or jurisdictions.

ITE held its Technical Conference and Exhibit on March 19-22 in San Antonio, TX. Titled "Transportation Solutions for the Real World," the meeting was held in conjunction with ITE District 9 and in cooperation with the Federal Highway Administration. More than 700 attendees enjoyed 4 days of sessions, workshops, roundtables and seminars. Program highlights included keynote speakers King W. Gee and Anne P. Canby, white paper and special interest roundtable discussions, a Pod cast of Session 7 and the Technical Conference Exhibit, with 60 companies participating. The compendium of technical papers can be purchased on CD-ROM at www.ite.org/bookstore. Item # CD-040, Cost: Member \$40/Nonmember \$50

Freight Volunteers Needed

Arun Chatterjee

Dr. Arun Chatterjee (UT Knoxville) has been appointed by ITE's Technical Coordination Council as the Chairman of the Goods Movement Council effective January 1, 2006. The council would like to take up a few projects dealing with freight transportation, which would be of value to Traffic Engineers.

The first project will involve Curbspace Mand truck Loading. Examples of other project include 'access to major freight terminals', 'effects of restrictions on trucks for use of certain lanes', etc. The projects will be developed by committee members. Hopefully each project will lead to a set of recommended practices to be published in ITE Journal.

Chatterjee would like to recruit ITE members from Tennessee and southeast with strong interest in the freight transportation area to join the Council. Its first meeting was in Washington, DC, in late January when TRB's annual meeting was held. Other meetings this year will be in San Antonio and Milwaukee in conjunction with ITE Spring and Summer conferences.

Any one who is interested can contact Chatterjee directly at (865) 974-7714.



OFFICER ELECTIONS

Congratulations and thanks to the 2007 TSITE officer candidates. They are:

Section Representative

Carl Baughman – City of Franklin

Cindy Pionke – Knox County Dept. of Engineering

Secretary-Treasurer

Rodney Chester – Gresham Smith Partners, Memphis

Kevin Cole – Wilbur Smith Associates, Knoxville

Affiliate Director

Renny Stinson – Rexell Braid Electrical Products

Watch your e-mail for more information on the candidates and your invitation to vote at www.tsite.org soon!



WORD ON THE STREET

CURRENT ISSUES IN TRANSPORTATION

You may have been notified of recent legislation (Energy Policy Act of 2005) pertaining to the manufacture of LED traffic signal and pedestrian modules. Simply stated, the legislation requires that all traffic signal and pedestrian modules manufactured after January 1, 2006 must be LED. While the legislation pertains to the manufacture of signals, there are implications for public agencies and those professionals who work for public agencies. Below are some of the key points of this legislation.

Energy Policy Act of 2005

- The Energy Policy Act of 2005 contains provisions on the energy efficiency traffic signal and pedestrian modules (http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=109_cong_bills&docid=f:h6enr.txt.pdf; see section 135(c), pp. 33,35, 38);
- The intent of the legislation is to facilitate the deployment of light emitting diode (LED) traffic signal and pedestrian modules for the purpose of energy conservation;
- The legislative provisions went into effect on January 1, 2006, and apply specifically to manufacturers;
- The legislation requires that signal modules manufactured or imported after January 1, 2006, must meet or exceed the energy efficiency requirements specified in the legislation;
- The legislation adopts the energy efficiency criteria in the Environmental Protection Agency's Energy Star program for traffic signal and pedestrian modules, (<http://www.energystar.gov/index>.

[cfm?c=bulk_purchasing.bus_purchasing](#)) which in turn reference the ITE "Interim LED Purchase Specification, Vehicle Traffic Control Signal Heads, Part 2: Light Emitting Diode (LED) Vehicle Traffic Signal Modules" (VTCSH Part 2);

- The legislation does not impact existing stock of product on hand by either suppliers or agencies if that stock was manufactured or imported prior to January 1, 2006; and
- Replacement parts are not covered by the legislation


Implications for Public Agencies

- The legislation **does not** require agencies to retrofit their traffic signals;
- Many agencies are actively converting to LED signal modules, primarily to reduce energy costs (based on survey information from AASHTO and ITE);
- The upfront capital cost of funding the conversion appears to be the most significant hurdle;
- There do not appear to be any significant technical issues;
- Replacement parts for incandescent traffic signal modules should be available initially but may diminish over time;
- The Department of Energy issued a final rule in the Federal Register on October 18, 2005, adopting the legislated standards; and
- The Department of Energy expects to issue a Notice of Proposed Rulemaking (NPRM) in Spring 2006 covering test procedures and other administrative matters.

THANKS, 2006 Sponsors!

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Institute of Transportation Engineers
YOUNG PROFESSIONALS SCHOLARSHIP PROGRAM
 for
ITE 2006 ANNUAL MEETING AND EXHIBIT
 Deadline: May 1, 2006

The ITE Consultants Council is again sponsoring a scholarship program for young professionals in the transportation industry. Ten winners of this scholarship will be provided \$1,000 in travel assistance to attend the 2006 ITE Annual Meeting and Exhibit in Milwaukee, Wisconsin.

AWARD

- Ten \$1,000 Travel Assistance Scholarships
- Recognition at ITE Annual Meeting, ITE Consultants Council Newsletter and in the ITE Journal

ELIGIBILITY

- Applicants must be 35 years old or younger by April 30, 2006.
- Be a member of ITE
- Practicing in a transportation related discipline relevant to ITE

SUBMITTAL

- Complete application form
- Submit a one-page essay on why the individual should be selected to receive the travel scholarship
- Attach a current resume
- All application materials must be submitted electronically (formatted in Microsoft Word or Adobe Acrobat) and are due no later than May 1, 2006.

NOTIFICATION

- Winners will be notified starting June 15, 2006.
- Winners are responsible for their own travel arrangements, ITE meeting registration and all costs above \$1,000

Upon acceptance, scholarship recipients will be asked to submit a 1500 to 2000 word article about their experience attending the Annual Meeting. **This article is due no later than October 1, 2006.** It should be written for possible publication in the following: ITE Consultants Council Newsletter, ITE Web Site and the *ITE Journal*.

Institute of Transportation Engineers YOUNG PROFESSIONALS SCHOLARSHIP PROGRAM ITE 2006 ANNUAL MEETING AND EXHIBIT Application Deadline May 1, 2006	
1. Name:	_____
2. ITE Member Number:	_____
3. Preferred Mailing Address:	Street / P.O. Box: _____
	City: _____ State / Province: _____ Country: _____
	Postal Code: _____ Daytime Phone: _____ Evening Phone: _____
	E-mail: _____
4. Company / Agency Name:	_____
	Address: _____
	City: _____ State / Province: _____ Country: _____
5. Date of Birth:	_____
6. Please attach a one-page essay on <u><i>Why I Should Be Selected for this Scholarship.</i></u>	
7. Please attach a current resume.	
All application material is due by May 1, 2006 and should be submitted electronically to: <p style="text-align: center;"> Heather Talbert (htalbert@ite.org) Subject: 2006 Consultants Council Scholarship Program </p>	

For INTERNATIONAL VICE PRESIDENT of ITE: Alfred A. Guebert, P.Eng, PTOE, FITE
 TSH Associates Ltd, Calgary, AB

I am honored to have been nominated again for the position of International Vice President of ITE... During the past 76 years, ITE has appealed to transportation professionals as their organization of choice. It has done that by providing great value to its members. That value is enhanced through... the experienced and committed staff at ITE headquarters... the dedicated efforts of the many volunteers on the International Board, councils and committees... and the active participation by members and students. The key characteristics that are critical for a leader in this organization include: vision, leadership, experience, knowledge, and passion.

My Vision is to build on and strengthen the Value of the Institute to members by keeping you informed about, and engaged in, the programs, products and services that ITE produces.

This Vision is fairly simple and straight-forward, but it centers on communication and participation. In an organization like ITE, it is so important to pay attention to what is happening in the profession as well as in each district, section, and chapter. Members need to be informed about what's going on, and what the opportunities are for involvement.

As the next International Vice President, my specific goals for ITE include...

1. **Technical Excellence...** ITE must continue to provide us with relevant, provide us with high quality, up-to-date materials... these are the tools of our trade...
 - ✓ *My priority is to engage the members from every District in the specialty councils, and to communicate the value of those materials to our members.*
2. **Transportation Safety...** ITE must provide the tools we need to ensure safety-focused design practices, and review processes...
 - ✓ *My priority is to encourage global input to these best practices, communicate them to our membership, and promote them to the public agency decision-makers and to the general public.*
3. **Workforce Development...** We need to ensure that we get the brightest and best students into our transportation programs...

we need to encourage young men AND young women to consider engineering and planning as career options... and ITE must continue to expand the professional development opportunities for our members ...

- ✓ *My priorities are: to get the message out that sustainable transportation is paramount in our society and that we need a highly qualified workforce capable of meeting that demand; to expand the delivery of low-cost professional development opportunities; and to develop an effective support system for our universities.*
4. **International Growth...** A regional approach will help us understand the needs in other parts of the world... we then must take steps to meet those diverse needs...
- ✓ *My priorities are: to provide transportation professionals from around the world with opportunities to learn from each other through regional workshops, pod-casts and web seminars; and to encourage international participation in the development of our products and services.*

I have developed the **Leadership** skills needed to lead the Institute:

- ✓ VP Candidate (2005, 2006); International Board of Direction (2001-2003); District 7 Exec Committee (1993-2001); Founding President, SK Section (1989-1993); APWA, TAC, ITS Canada, CTEP

I have the professional **Experience** required for the position:

- ✓ As a traffic engineer with 21 years public sector (City of Saskatoon); 6 years private sector (Earth Tech and TSH); Professional Engineer registered in 3 provinces.

... and I have the **Passion** to take on this role. I have a passion for the Profession; for the People in the Profession; for the Institute; and for the Public we serve... ***I am committed to keeping you informed about and engaged in ITE!***

With an emphasis on **Technical Excellence, Transportation Safety, Workforce Development and International Growth**, ITE will become more valuable to all of us, and it will continue to be our organization of choice. If you need more information, go to my website (www.alf4ite.com), or contact me directly to discuss any specific issues (aguebert@tsh.ca).
Elect Alf Guebert as your next International Vice President of ITE!

For INTERNATIONAL VICE Rod Kelly, P.E., Fellow Parsons Transportation Group, Dallas, TX

Know What Members Want and Need

- ? Seek continuing input on all aspects of membership
- ? Use variety of inquiry methods, including web surveys, forums, email, and local meetings
- ? Make it easy for members to provide responses

Respond with Specific Actions

- ? Fully address all ITE Board-prioritized Mega Issues
- ? Support Workforce Development strategies already developed by ITE
- ? For Continuing Education, draw from experiences of other professional organizations for providing members with opportunities to receive Professional Development Hours

Increase Programs for Young Engineer / Professional

(Under 35) Members

- ? Establish "Place" for young members to receive increased training and recognition
- ? Consider forming a Young Engineers Council, Standing Committee, or Forum to provide:
 - ‡ Technical, management, and ITE Leadership Training
 - ‡ Advice on Professional Registration and Certification
 - ‡ A place to express membership needs and desires

Increase Interaction between US and District 7 and 8 Members

- ? Support established Advisory Committee to develop White Paper on issues and determine needed action
- ? Expand technical information exchange program started by Transit Council to publish articles on technical topics of interest to all, but focused on information from members of Districts 7 and 8

Involvement of All Members in Council Activities

- ? Create more incentives to attract volunteers
- ? Implement recommendations from ITE White Paper on "Volunteerism" with Recruitment, Management, and Recognition as ways to increase participation
- ? Focus on recruitment of young members
- ? Consult with other professional organizations to identify successful methods of achieving member participation

Elected Offices – All Levels

- Three-year term on the International Board of

Direction (1984-1986), representing District 5

- A transitional one-year term (1987) as International Director for the newly-formed District 9, which he was instrumental in establishing

- Texas Section Representative on the District 5 Board (1982-83)

International Level – Councils and Committees

- Current Chair of the Transit Council, serving three-year term (2006-2008)
- Vice-Chair of the Transit Council (2003-2005) and member of the Executive Committee since 1998
- Transit Council representative on the Technical Program Committee (2003-2005), the Standing Committee on Recommended Practices (2003-2005), and the Standards Advisory Committee (1999-2002)
- Vice Chair & Chair, Dept. 5, Transportation Design, (1979-82)
- Technical Council: Member, Standing Committee, Dept 5 (1976-78; Committee 6A-2, Dept. 6, Transportation Planning (1980-81); Transportation Planning Council (1987-2005); Urban Transportation Engineers Council (1975-82)
- International Board: Member of Transportation Achievement Award Committee (1986); Budget Committee (1985-86)
- Vice Chairman, Local Arrangement Committee for the Annual Meeting held in Dallas, Texas, in 1994
- Other Committees: Member, Legislative Committee (1988-90); Education and Training Committee (1980-81); Forum on the Future Direction of ITE (1980); Policy Committee (1979)

District Level

- Chairman, Nominating Committee, for International Director, District 9 (2002)

Section Level

- Chairman; Past President's Advisory Committee (1981-82), Technical Committee (1972-76), and Semi-Annual Meeting (1970 and 1976)

Master of Science in Civil Engineering (Transportation),
 Texas A & M University Bachelor of Science in Civil Engineering, Texas A & M University
 Urban Transportation Systems Study Course, Carnegie Mellon University.



September 13-15, 2006 Nashville, Tennessee

Session Topics May Include:

Small Urban System Planning- major streets, multimodal studies, sub-area studies, & traffic circulation

Livable Communities- traffic calming, linking land use & transportation, density, growth policies, bicycles & pedestrians

Transit Planning - park & ride, commuter rail, use & transportation, density, growth policies, bicycles & pedestrians

Rural Transportation Planning - long range plans, rural ITS, satellite communities, & rural transit

Technology Sharing - travel demand modeling, data collection and analysis, performance measures, & GIS

Project Programming Process - TIP& STIP development, prioritizing, & decision-making

Transportation Logistics- freight issues, trade corridors, intermodal connectors, & hazardous materials

Public Involvement- outreach techniques, media, focus groups, dispute resolution, non-traditional stakeholders, & using public input in decisions

Environmental Issues- integrating NEPA in planning, environmental justice, air quality conformity, & legal issues

Conference Information

“Tools of the Trade” is a national conference providing ready-to-use, economical and practical techniques for transportation professionals in small (under 50,000) and medium - sized (50,000 - 250,000) communities.

You are invited to participate in the 10th National "Tools of the Trade" Conference which will be held on September 13-15, 2006 at the Sheraton Downtown Nashville, Tennessee, http://www.starwoodhotels.com/sheraton/search/hotel_detail.html?propertyID=1236. When making reservations, please indicate you want the **Transportation Research Board** conference rate.

For general questions about the conference visit the conference online at <http://www.trbtoolsofthetrade.org/conference.html> or to be added to the mailing list contact:

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