



Summer Meeting

The TSITE Summer meeting is coming up. It will be at the Fall Creek Falls Inn in Pikeville, TN on July 13th and 14th. The technical sessions will be on Friday followed by the dinner and scholarship fund raising auction. Saturday morning will be the business meeting. Mr. Stansell has graciously offered to have a cookout for us at their cabin. The food and fellowship have always been outstanding. Below is the contact information for the Inn. Feel free to book your rooms. You can let them know you will be registering as a TSITE guest.

Fall Creek Falls State Park

2009 Village Camp Road | Rt. 3 Box 300
Pikeville, TN 37367-9803
Office: 423.881.5298

Inn & Cabin Reservations: 1.800.250.8610
Inn & Cabin Local: 423.881.5241
Camping: 1.800.250.8611



Your 2007 TSITE Officers:

President Greg Judy, P.E., PTOE
Vice President Stephen Meyer, P.E.
Secretary Treasurer Kevin Cole, P.E.
Section Rep. (05-06) John Sexton, P.E.
Section Rep. (06-07) Cindy Pionke, P.E.
Past Pres. Steve Allen
Affiliate Director Renny Stinson

Winter TSITE Meeting



The Tennessee Section of ITE held its Winter meeting **March 1, 2007** in Cookeville, TN on the Tennessee Tech campus. Presentations were given by Bob Murphy, P.E., PTOE, RPM Transportation Consultants; Mr. John Van Winkle, P.E. City Traffic Engineer, Chattanooga; Dr. Mal Baird, P.E. – Professor, Vanderbilt University; Mr. Mike Howard, P.E. Hamilton County Engineer. Topics included Two Lane Roundabouts, Corridor Incident Management, Traffic and Parking Plan for the Steeplechase in Nashville, and the Tennessee Riverwalk.

Time to...

CHECK YOUR CALENDAR!

TSITE Summer Meeting July 13 – 14, 2007
Falls Creek Falls State Park

ITE Annual Meeting August 5– 8, 2007
Pittsburgh, PA

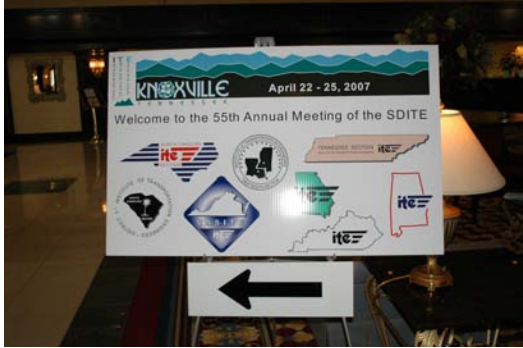
TSITE Fall Meeting November 7/8 or 14/15
Nashville, TN

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Spring TSITE Meeting

The Tennessee Section and the Southern District held the Spring meeting in Knoxville on April 22nd through the 24th. The technical program was informative about the latest innovations in our profession. There were sessions on traffic signal design and operation, speed enforcement cameras, corridor planning, and many more.



Meeting Notes

- Copies of the TSITE response to the House of Representatives and Senate Bills on video surveillance and yellow timing are attached to this newsletter.
- TTAP Bike/Pedestrian Conference was attended by TSITE members present and a lunch was sponsored by TSITE.
- On June 26, the TSITE will join a round table discussion with Nashville prospective mayoral candidates.
- The summer TSITE meeting will be July 13th and 14th at Fall Creek Falls State Park with technical sessions on Friday followed by dinner and an auction.
- The fall meeting will be in Nashville on November 7/8 or 14/15. Location has not yet been set.



Thank you to the following presenters at this years Spring meeting:

Adam Kirk of Ky Transportation Center at UK
Andy Lelewski of PBS&J
BenJetta Johnson of North Carolina DOT
Betsy Williams of TransCore ITS
Bill Seymour of Gresham Smith and Partners,
Bob Rupert of Federal Highway Administration
Captain Gordon Catlett, Knoxville Police Dpt.
Carl Baughman of City of Franklin, TN
Carrie Reeves of Greensboro DOT
Charles L. Jones of Charlotte DOT
Dr. Chris Pionke of the University of Tennessee
David Clark, ACC Trans. & Public Works, GA
Eddie Curtis of FHWA
Elizabeth Harris, Dr. William Rasdorf
Dr. Glenn Graber of the University of Tennessee
Jan Anderson of RS&H
Jeff Mize of Wilbur Smith Associates
Jim Flechtner, City of Wilmington, North Carolina
Jim Westmoreland of City of Greensboro, NC
John Adams of PBS&J
John Edwards of Transportation Consultant, Inc.
John Van Winkle, City of Chattanooga, TN
Jonathan Byrd of Gonzalez-Strength & Assoc.
Dr. Joseph Hummer of NC State University
Joshua Saak of City of Charlotte, NC
Lynn Allsbrook of City of Hampton, VA
Mark Washing of Gresham Smith and Partners
Marsha Anderson Bomar of Street Smarts
Paula Wahl of Louisville Metro
Preston Elliott of Parsons Brinckerhoff
Reza Jafari of Chas. H. Sells, Inc.
Richard Retting, Ins. Institute for Highway Safety
Steve Allen of the TDOT
Steve Bryan of Gresham Smith and Partners
Scott Walker of PB Americas, Inc.
Shawn Dikes of PB Americas, Inc.
Steve Metcalf of Skyline Products, Inc.
Sreekanth Nandagiri of Earth Tech, Inc.
Tim Rosenberger of Parsons Brinckerhoff
Victor Poteat of PBS&J
Wade Walker of Kubilins Transportation Group
Will Letchworth of Wilbur Smith Associates
Zach Clark of NC State University



Engineer Days



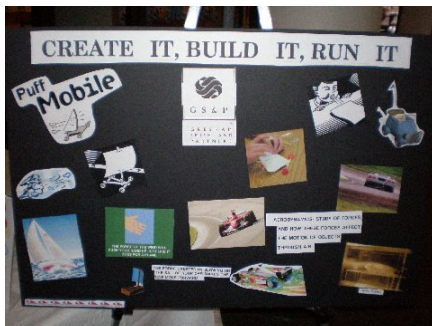
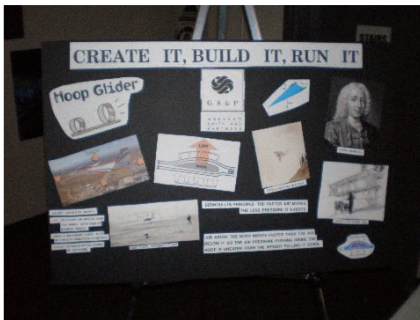
**Create It, Build It, Run It
FEBRUARY 17, 2007**

Everyday it becomes more imperative that today's youth are educated about the exciting field of engineering. In celebration of our profession, the Adventure Science Center held its sixth annual Engineering Day on Saturday, February 17, 2007 from 10AM – 5PM. This is a day for demonstrations and activities designed to interest and inspire young people, presented by engineers.

Kristi Schnell, Ted Kniazewycz, Tish Spalding, Chris Cowan, John Brew, and Michael Eades all volunteered their time at this event. Due to their collaboration, Gresham, Smith and Partners had two inspiring activities: Hoop Glider and Puff Mobile. Several other firms and organizations also participated in this event.

The Hoop Glider demonstrated how drag, weight, thrust and lift can make airplanes soar through the sky.

The Puff Mobile illustrated how a car, made of straws, paper, and life savers, can move by just using your breath. Both of these demonstrations are explained by Bernoulli's principle.



All Engineers' Banquet Awards!

The All Engineers' Banquet culminated with the presentation of three awards. We congratulate the following:

Young Engineer of the Year:

Mr. Greg Judy, PE
Neel-Schaffer, Inc.

Government Engineer of the Year:

Mr. Mark Macy, PE
Metro Public Works

Engineer of the Year:

Mr. Ed Rogers, Jr., PE (posthumously)

ITE 2008 Officer Election

The election for ITE 2008 International President and Vice President will begin at 12:00 midnight, EDT on June 29, 2007 and run until 12:00 noon EDT on July 19, 2007.

The election will be conducted electronically, but members may request a paper ballot from ITE headquarters. When the election opens, each eligible ITE voting member who has a valid e-mail address on file with ITE headquarters will receive an e-mail containing a link to the electronic voting site along with a unique username and password that must be used to vote.

PLEASE NOTE: The username and password used for voting is different from the username and password used to access the member's only area on the ITE Web site.

If you do not receive this e-mail on June 29, it means that we either do not have a valid e-mail address on file, or your e-mail server has rejected the message.

To receive your username and password, please contact ITE headquarters.

To be eligible to vote, a member must hold the ITE membership grade of Honorary Member, Fellow, or Member and international dues must be paid in full. To ensure eligibility to vote, your dues payment must be received by ITE headquarters no later than June 1, 2007.

In previous years, member voting credentials were printed on the label of the June issue of *ITE Journal*. Because of privacy concerns, this will no longer be done.

Please find the write-ups for the two vice presidential candidates at the end of this newsletter and visit the ITE website www.ITE.org for more details about voting.

Member Memos

New Additions

Jeff Hammond's wife Amber gave birth to Harris Auten Hammond in Nashville on May 3, 2007. He weighed 7lb, 6.5oz.

Also, Matt Meservy, Mike Conger, and Chris Kirby all recently had babies.

RPM Adds New Staff

Jeff Hammond, Gerald Bolden, and Tasha Johnson recently joined RPM.

Damron joins Neel-Schaffe

Dyan Damron joined Neel-Schaffer.

In Memory

Please remember the Hanchey family in the loss of their son.

Mike Howard also recently passed away

2007 Planning Council Awards

The ITE Transportation Planning Council wants to honor the best Transportation-planning Project completed by a member (or member's employer) during 2006. Public Agencies, consultants, and others are welcome to apply. This Award is bestowed on a project that applied innovative techniques to a planning study and effectively communicates the problem addressed, methods used, and results to the community. The emphasis is on an applied project (not research). To be eligible, the project should have been completed during the 2006 calendar year and a member of the TPC should have had a substantial role in conducting the project.

To view the project award announcement, [please click here](#).

The ITE Transportation Planning Council wants to honor the best transportation-oriented Program being advanced by a member (or member's employer) during 2006. Programs developed and/or advanced by public agencies and others are welcome to apply. The Award will be bestowed on a new Program that has been implemented or an existing Program that has been improved/expanded in order to better serve the transportation community. A Program is not a Study or Report per se, but a service or application of a service. The emphasis is on an applied Program, not

Research.

World Wide Web

On-Line Transportation Resources

Roundabouts in the US NCHRP Report 572
http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_572.pdf

FHWA Highway Construction Noise Handbook
<http://www.fhwa.dot.gov/environment/noise/handbook/distremo.htm>

Freeway Management and Operations Handbook
http://www.ops.fhwa.dot.gov/freewaymgmt/publications/frwy_mgmt_handbook/

Portable Changeable Message Sign Handbook
<http://www.tfrc.gov/pavement/ltp/reports/03066/#intro>

ITS/Operations Resource Guide
<http://www.resourceguide.its.dot.gov/default.asp?SID=4&SSID=15>

Newsletters

ITE Transportation Safety Council - Spring 2007 E-Newsletter
http://app.brnto.com/public/?q=message_preview&fn=Key&type=tracking&id=bmxclocvemybewuacgqabqewxnobip&link=bnqehwhvdqkpkfknmyhvadrcodiabkl

TPC e-Newsletter: Spring 2007
http://app.brnto.com/public/?q=message_preview&fn=Key&type=tracking&id=afysfblmqpvjcjnkkgofihgwwqqeqbgf&link=bnqehwhvdqkpkfknmyhvadrcodiabkl

TENC e-Newsletter: Spring 2007
http://app.brnto.com/public/?q=message_preview&fn=Key&type=tracking&id=bholplnljswwhfmeojvnnvghyqsxbjp&link=bbkmrxfllimeydbackrxgntywaphabaj

Pedestrian & Bike Council - Spring 2007 E-Newsletter
http://app.brnto.com/public/?q=message_preview&fn=Key&type=tracking&id=cddmojnubvgtshprtkmxcowzmkrybfo&link=bihlvsbeoalpkhfzcgltxouurstybho

Using Highways During Evacuation Operations for Events with Advance Notice
http://www.ops.fhwa.dot.gov/publications/evac_primer/00_evac_primer.htm

TSITE Sponsors

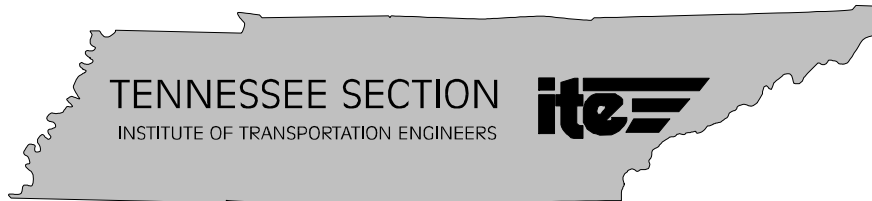


GRESHAM
SMITH AND
PARTNERS



Kimley-Horn
and Associates, Inc





Greg Judy, P.E., PTOE
President
Stephen Meyer, P.E.
Vice President
Kevin Cole, P.E.
Secretary-Treasurer
Steve Allen
Past President

March 20, 2007

Honorable Jim Tracy
Tennessee State Senator, District 16
Senate Transportation Committee, Chair
304 War Memorial Building
Nashville, TN 37243-2016

**RE: Proposed Traffic Signal Video Surveillance Legislation
Senate Bill 666 (HB 698)**

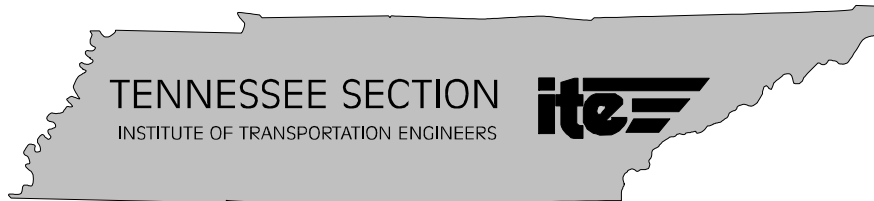
Dear Senator Tracy:

My name is Greg Judy. I am a registered professional engineer in the state of Tennessee, and I am also the 2007 president of the Tennessee Section of the Institute of Transportation Engineers (TSITE). At the national level, ITE (headquartered in Washington D.C.) is a professional technical association representing thousands of registered professional engineers whose career is centered on transportation engineering and planning activities. Statewide, TSITE represents over 200 registered professional engineers practicing in the transportation engineering field. It is as president of TSITE, and representing our statewide membership, that I respectfully submit this correspondence.

Our organization recently became aware of Senate Bill 666, and we wish to express our concerns to its provisions. Our opposition to this bill centers on the fact that the legislation would establish a pre-set duration of five (5) seconds for the yellow change interval where photo ('red light') enforcement is in use. We believe it is very inappropriate for signal timing parameters to be legislated or pre-determined in any situation, photo enforcement or not. In contrast, a traffic signal's yellow timing is based on engineering and scientific calculations, specific to each signalized intersection.

As background, it may be helpful to understand that a traffic signal's yellow-change interval is independently calculated for each intersection. Furthermore, a traffic signal can have multiple yellow interval settings at a single signalized intersection, one for each signal phase or movement. The yellow-change interval is based on the average approach speed, geometrics and an assumed value of vehicle deceleration (ft/s^2). Engineers utilize nationally published and federally-supported publications as a basis for these decisions: the Manual on Uniform Traffic Control Devices (MUTCD) and the Highway Capacity Manual. In fact, most, if not all, states and communities have adopted the MUTCD as the guiding basis and accepted standard for traffic control devices. The MUTCD allows the yellow time to vary between 3 and 6 seconds based on engineering study of the field conditions mentioned above. The proposed legislation could be interpreted as being in conflict with the MUTCD standards.

The use of inappropriate yellow change intervals negatively impact the safety and efficiency of traffic signal operations. Yellow change intervals that are too long (even by 0.5 to 1.0 seconds)



Greg Judy, P.E., PTOE
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Past President

increase the likelihood of crashes. If yellow displays are set too long, drivers often interpret it as an opportunity to quickly accelerate in an attempt to beat the red display. Drivers perceive they will be able to enter or cross the intersection before the red display is shown. In reality, drivers may not have enough time to clear the intersection, thereby increasing the probability (and possibly severity) of right-angle crashes. In addition, artificially long yellow times create sluggish traffic signal operation. The result equates to increased travel delay and signal time that could otherwise have been assigned to green time. Over the course of one signal cycle this may not have a great impact. Yet, over many hours and days, its impacts could be amount to significant lost time.

We believe it is inappropriate to make broad stipulations as to appropriate traffic signal timings. Each traffic signal should be individually considered with yellow timings assigned based on engineering study and calculations. A traffic signal's yellow time setting is a fundamentally distinct issue from that of "red light" photo enforcement. The presence of "red light" photo enforcement does not impact, nor should it alter, the assignment of its yellow timing. Again, the yellow time setting should be determined by a trained professional based on standards and field conditions, not whether the signal is monitored by "red light" enforcement. For the safety and operational reasons mentioned, we submit that traffic signal yellow timings should be determined by qualified engineers on an intersection-by-intersection basis, not explicitly specified in legislation.

Based on this, TSITE requests that the Senate Transportation Committee (and all concerned elected officials) reject and oppose the referenced proposed bill.

On behalf of the Executive Board of the Tennessee Section of the Institute of Transportation Engineers and our entire membership, I wish to express our appreciation for your attention to this matter and thank the committee's consideration of our correspondence.

Respectfully,

Gregory D. Judy, P.E., PTOE
Tennessee Section of the Institute of Transportation Engineers, President
c/o Neel-Schaffer, Inc.
210 25th Avenue North, Suite 800
Nashville, TN 37203
615.383.8420

FOR INTERNATIONAL VICE PRESIDENT



RODNEY W. KELLY

P.E. (F)

Vice President, Parsons,
Dallas, TX, USA

ITE has been my passion for 45 years. I have supported and still do fully support ITE. I am committed to the educational and scientific principles that it stands for and its continuing mission to enrich and enhance the movement of people and goods worldwide.

ITE exists for the benefit of its members, the transportation professionals. ITE's officers and International Board of Direction are charged with knowing and anticipating the needs and expectations of members and responding accordingly. If elected International Vice President, I will fulfill the responsibilities of my office through the enactment of **five major areas of emphasis** that I have developed and which are outlined below.

I will further dedicate myself to ensuring that ITE is working for its members. ITE strives to continually excel in its commitment to the transportation profession. My pledge is to provide the leadership and support needed to fulfill that commitment.

PROVIDING MEMBERSHIP SERVICES FOR YOU

The theme, **membership services for you**, is timely and critical to the continued growth of ITE, the enrichment of its members and its responsibility to the transportation profession.

To fulfill this vision, I have established membership growth and service goals that include:

- Advancing technical excellence and credibility
- Developing and mentoring the next generation of ITE leaders
- Increasing volunteer participation
- Identifying and grooming new members
- Sustaining current and seeking new revenue sources to keep ITE robust

I have developed **five major areas of emphasis** to accomplish these goals.

1. *Knowing What Members Want and Need*

- Seeking continuing, periodic input from the members on all aspects of membership services, especially regarding mega-issues
- Using focused communication mechanisms such as surveys, forums, e-mail and listening sessions at local meetings to identify and understand member needs

2. *Responding with Specific Actions*

- Addressing and prioritizing mega-issues such as:

Safety

- Developing partnerships with agencies and groups such as TRB, AARP and AASHTO to address mutual issues of concern
- Focusing on emerging issues such as aging drivers and driver distractions
- Promoting the issues to elected officials and other decision-makers responsible for the allocation of funds

Workforce Development

- Partnering with universities to promote careers in transportation
- Continuing to provide relevant continuing education
- Working with employers to promote value-based salary structures
- Identifying other concerns through input and feedback from you, the members

3. *Developing Next-Generation Engineer/Professional Member Participation*

- Implementing a progressive Next-Generation Engineers council, standing committee, or forum that offers the following:
 - Technical, management and ITE leadership training
 - Mentoring programs
 - Advice on professional registration and certification
 - Forums to express membership needs and desires
 - Opportunities to present innovative ideas to the entire membership

4. *Enhancing Member Interaction Worldwide*

- Supporting recommendations of Canadian and District 8 white papers
- Developing partnerships with professional societies, agencies and groups
- Expanding the Transit Council efforts in publishing articles on technical topics of worldwide interest to all technical councils

5. *Increasing Participation in Council Activities*

- Creating incentives to attract volunteers
- Implementing white paper recommendations to enhance member recruitment, management and recognition
- Focusing on next-generation members to take advantage of their energy, enthusiasm and insights
- Consulting similar organizations for additional ideas

QUALIFICATIONS AND EXPERIENCE TO FULFILL THE VISION

Served at all levels of ITE, including the International Board of Direction, representing two different Districts.

Provided leadership and involvement in a broad range of ITE activities as a current member of the Coordinating Council and Chair of the Transit Council

Experienced with all modes of transportation and most technical areas of the profession

Experienced in the planning, design and operation of transportation systems

Experienced in the public, private and academic sectors

Served in numerous professional and private life leadership roles that afford the expertise and skills to serve as International Vice President

SUMMARY

In summary, I have the technical knowledge and management skills to proficiently preside over the broad range of issues and personalities involved in the fulfillment of my vision for ITE.

If elected your International Vice President, my commitment will be to reduce my professional workload significantly and devote a substantial amount of my time to accomplishing the membership growth and service goals that are necessary to the continued growth of ITE. I will work diligently, patiently and persistently to ensure that ITE continues to extend and enhance the services we need and expect.

My proposed **five major areas of emphasis** are designed to accomplish the goals of seeking member input and providing services. It is my quest to see ITE offer every opportunity for each of its members to participate in ITE-sponsored activities that will be beneficial to both the individual member as well as the transportation profession as a whole.

FOR INTERNATIONAL VICE PRESIDENT



KENNETH H. VOIGT

P.E. (F)

Senior Traffic Engineer, Ayres Associates, Waukesha, WI, USA

Over the past 40 years, I have been a traffic engineer, a transportation planner, a university adjunct professor and a proud member of ITE. I have just completed three years as an ITE International Director, developing our mega-issue program strategies. All of this has allowed me to appreciate the many facets of our ITE family. We have challenges ahead that we can meet with my toolbox of ideas.

KEN'S TOOLBOX FOR ITE'S FUTURE

Four main areas are critical to our profession's growth:

1. Core Technical Excellence. We must enhance our technical leadership in transportation.

• ITE Journal

- Sponsor articles on timely technical topics.
- Seek grassroots articles on current practices.
- Increase university-published articles.

• Workshops and urban forums

Our Webinars reached 10,000 people last year. Webinars can be augmented with face-to-face workshops.

• Sponsored publications

Increase technical materials available and expand our financial support of important technical publications.

2. Membership (Project 20,000). We need to grow locally and internationally.

• Existing members

Enhance core services for our practicing transportation engineers and planners with a focus on increasing our government agency memberships.

• Student and academic members

Increase our appeal to academic members, by creating:

- A "University Page" in every issue of *ITE Journal*
- A peer review program that qualifies for tenure consideration
- A national student competition that energizes university chapters and provides national media recognition for ITE

• Planners and designers

We must reach out to transportation planners and designers. They are an important part of the transportation solution for our communities.

3. International Membership. ITE's international role is a mega-issue, and all members benefit from understanding transportation issues around the world.

• Communication

- Co-sponsor international symposiums.
- Create an "International Activities Page" in every issue of *ITE Journal*.
- Sponsor an ITE international reception during TRB when many members are in the United States.

• E-membership

An e-membership category for international members could increase international benefits and reduce costs.

• Regionalism

Create international regions for transportation communication in regions such as Europe, Asia and South America. We need to work with transportation partners in developing countries where transportation safety is a major issue.

4. Enhancing Our Image. Communities and universities are dropping transportation engineering departments and programs. We do not want to see the future as a Bureau of Sewer, Water and Transportation!

• Awards

National awards recognize our profession as well as its outstanding achievements. We need to publicize these successes at the grassroots level.

• Elected officials and the media

Establish a local elected officials briefing on transportation issues similar to ITE's monthly *Executive Digest*. We must encourage elected officials and media contacts to seek out ITE for current information.

• ITE gear shop

Create an ITE gear shop, with logo clothing, portfolios and other items to show our pride in ITE and promote our organization.

ITE EXPERIENCE

2004–2006 International Director; 2006 International Annual Meeting Co-Chair; 2005 Transportation Achievement Award Committee Chair; District 4 Annual Meeting Chair; Wisconsin Member Program for Growth Chair; Traffic Engineering for Small Communities Workshop Founder; Technical Council Department Chair; District 4 Vice Chair; Wisconsin Section President; Multiplex Theater Trip Generation Task Force Chair; Nominations Committee; Smart Growth Task Force; Elected Leadership Task Force; Consultants Council Executive Committee.

EDUCATION AND PROFESSIONAL REGISTRATION

- Master of Science, Transportation Engineering, University of Wisconsin—Milwaukee
- Bachelor of Science, Civil Engineering, University of Wisconsin—Madison
- Registered Professional Engineer in Wisconsin

AWARDS

- 2003 Voigt Soccer Park, City of Brookfield
- 2002 Olympic Torch Runner
- 2000 Wisconsin State Soccer Hall of Fame Inductee—Administrator
- 2000 HNTB Fellow Technical Expert
- 1998 Wisconsin Distinguished Service Award
- 1998 University of Wisconsin—Madison Student Chapter Outstanding Instructor Award
- 1998 AASHTO Exemplary Partner Award
- 1996 Wisconsin Association of Consulting Engineers Engineering Excellence Award

WHY KEN?

It has been an honor to serve ITE as an International Director for the past three years. During this time, I have been actively involved in developing our mega-issues and determining how ITE can move these issues forward. I co-authored a white paper for our next mega-issue, "Raising the Image of Our Profession." I was co-chair for the ITE 2006 Annual Meeting and Exhibit in Milwaukee, WI, USA. I am also on the committees that developed our Elected Leadership Webinars and our current Membership Recruitment, Retention and Reactivation Task Force.

When I first joined ITE, I was mentored by Harvey Shebesta. I never thought I would have the opportunity to follow in his footsteps and run for ITE International Vice President. I have learned so much about the ITE family. This knowledge strengthened my commitment to ITE and what it stands for. My Olympic flame still burns with a passion to use my toolbox of ideas for ITE's future. I ask for your support in making a difference for our profession.