

Spring 2011

Inside this issue:

TSITE Officers & Awards.....	2
Decade of Action for Road Safety.....	3
Tennessee Transportation Assistance Program.....	4
TSITE Sponsors.....	5
TSITE Sponsors & iPad App.....	6
TSITE Sponsorship .....	7

## 2011/2012 ITE Meetings

### INTERNATIONAL ITE

Annual Meeting and Exhibit  
August 13—16, 2011  
St. Louis, MO

Technical Conference and Exhibit  
March 4—7, 2012  
Pasadena, CA

### SOUTHERN DISTRICT ITE

Annual Meeting  
April 15—18, 2012  
Lexington, KY

### TENNESSEE SECTION ITE

Summer Meeting  
July 22-23, 2011  
Fall Creek Falls, TN

Fall Meeting  
October 18, 2011.  
Bristol Motor Speedway  
Bristol, TN

## TSITE Meetings Recap

Since the last newsletter, TSITE held the 2011 Winter meeting in Memphis and the 2011 Spring meeting in Smyrna.

The winter meeting hosted by the University of Memphis student chapter was headlined by the Swearing-In ceremony of the new officers (see officers listed on page 2) and the first annual Traffic Bowl Competition.

The Traffic Bowl is a Jeopardy-style competition, similar to the one held annually at the Southern District (SDITE) Annual Meeting. Vanderbilt University won the inaugural TSITE Traffic Bowl and represented TSITE at the 2011 SDITE Traffic Bowl Competition.



Last week, the 2011 Spring meeting was held in Smyrna. There were 51 persons in attendance to hear several interesting presentations including PlanGo and Transportation Preparedness: New Madrid Earthquake Scenario and to participate in the TSITE Panel Discussion on Diverging Diamond Interchanges

The diverging diamond interchange concept has been brought over from France. These layouts eliminate traditional left-hand turns onto ramps. For more information, refer to TIME Magazine or [time.com/diverging\\_diamond](http://time.com/diverging_diamond).

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Source: TIME

Finally, the results of the TSITE Student Paper Competition were announced.

**1st Place**—Ryan Overton, University of Tennessee, “Driver Simulator Warm-Up Analysis: Establishing Appropriate Protocol to Ensure Accurate Data Collection”

**2nd Place**—Stephanie Hargrove, University of Tennessee, “DUBAI: The METROpolis”

**3rd Place**—Najmeh Jami, University of Memphis, “LED Traffic Signal Retrofits: A Review of Current Research”

**4th Place**—Wei Lu, University of Tennessee, “Performance Analysis of Vehicular Ad Hoc Networks in Taxi Systems”

CONGRATULATIONS!

## TSITE Newsletter Needs Your Help!

If you would like to exercise your journalism skills and have an article published in the TSITE newsletter, please submit any comments, articles or suggestions to:

Gerald Bolden  
(615)370-8410  
[geraldbolden@rpmtraffic.net](mailto:geraldbolden@rpmtraffic.net)

## Follow Us on Facebook!

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## 2011 TSITE Officers

*President: Chris Rhodes*

(615) 564-2701

[Chris.rhodes@kimley-horn.com](mailto:Chris.rhodes@kimley-horn.com)

*Vice President: Stephen Bryan*

(615) 221-1131

[skbryan@transystems.com](mailto:skbryan@transystems.com)

*Secretary-Treasurer: Jason Carder*

(423) 245-4970

[jacarder@matternandcraig.com](mailto:jacarder@matternandcraig.com)

*Section Rep: Kim King*

(615) 244-8864

[Kim.king@aecom.com](mailto:Kim.king@aecom.com)

*Section Rep: Houston Daugherty*

(865) 560-9622

[hdaugherty@ssr-inc.com](mailto:hdaugherty@ssr-inc.com)

*Affiliate Director: Daniel Vincent*

(615) 772-7600

[dvincent@qtraf.com](mailto:dvincent@qtraf.com)

*Past President: Chris Kirby*

(865) 963-4300



## 2010 Highway Capacity Manual Workshop

The workshop will provide an overview and technical information on the 2010 HCM. Special attention will be given to those procedures that will change most, including Signalized Intersections, Urban Streets, Roundabouts and Freeway Weaving. The Highway Capacity Software (HCS 2010) will be previewed to demonstrate the new features being implemented in the 2010 version. The cost of the workshop is \$150 and certificates will be distributed to document 6 PDHs.

**Jackson, Mississippi on June 9<sup>th</sup>**

**Nashville, Tennessee on July 13<sup>th</sup>**

You can read more about the training course content and register online at: <http://mctrans.ce.ufl.edu/training>

Please contact McTrans with any questions at 1-800-226-1013 or [mctrans@ce.ufl.edu](mailto:mctrans@ce.ufl.edu).



## SDITE AWARDS

Congratulations to the 2010 recipient of the SDITE Excellence in Transportation Engineering Education Award, Bob Stammer. This award is presented to an individual who, over that person's teaching career, contributed outstandingly to the education of future leaders in the transportation engineering field and to their local Section or the Southern District of the Institute of Transportation Engineers.

Bob Stammer received his B.S. degree from Middle Tennessee State University in 1971, his B.E. degree from Vanderbilt University in 1972, his M.S.C.E. degree from Georgia Tech in 1974, and his Ph.D. from the University of Tennessee in 1982. He served as the first section representative for the Tennessee Section of ITE in 1990 and 1991. He received the Tennessee Section Outstanding Service Award in 2000 and the Volunteer Distinguished Service Award in 2010. In 2003, the Tennessee Section Outstanding Student Chapter Award was named after him to recognize his long time contributions in working with Student Chapters.



## DECADE OF ACTION FOR ROADWAY SAFETY 2011—2020 Launched May 11th

Source: ITE E-newsletter, May 2011 and [www.decadeofaction.org](http://www.decadeofaction.org)

With approximately 1.3 million fatalities and up to 50 million injuries occurring on roads around the world each year, the United Nations has unanimously proclaimed 2011 through 2020 as the [Decade of Action for Road Safety](#). On May 11, 2011 the Decade of Action movement was launched around the world with transportation professionals and safety advocates across the globe supporting activities and events that will raise awareness about road safety and the related challenge of eliminating fatal crashes.

The Road Safety Tag (shown below) is the global symbol of the movement to improve **safety on the roads**. It has been adopted as the official symbol for the United Nations' Decade of Action for Road Safety 2011-2020, which aims to reduce road deaths and injuries across the world.

Most of us know someone who has been affected by a road crash, either by being injured themselves, or through suffering a bereavement or injury to a family member or friend. Every day, around the world, 3,500 people leave home and never return because they have been suddenly, violently, killed in a road crash. Every six seconds someone is killed or seriously injured on the world's roads. These tragic deaths and the misery and grief they cause are not inevitable. They can be prevented, if measures are taken by governments, police, health practitioners and all road users to improve safety.

The United Nations General Assembly has set the goal for the decade: "to stabilize and then reduce the forecast level of road traffic fatalities around the world" by 2020. The United Nations' Decade of Action for Road Safety 2011-2020 is our opportunity to make our communities and streets safer wherever we live.

On the ITE website, there is an interview with ITE International President Robert Wunderlich pertaining to the Decade of Action for Road Safety. The specific topic of the interview is ITE's participation in the Decade of Action. According to the interview, from ITE's standpoint the elimination of road fatalities was the highest rated priority goal of ITE's Strategic Plan last year.

For more information, please visit [www.decadeofaction.org](http://www.decadeofaction.org) or <http://ite.org>.



## TENNESSEE TRANSPORTATION ASSISTANCE PROGRAM

TTAP is charged with improving the state of practice for Tennessee Transportation Professionals. In our quest to achieve that goal, we train and inform thousands of state, city and county transportation personnel annually. We conduct dozens of training courses throughout the year using experienced and dynamic instructors. We publish schedules of courses and send out brochures with additional information. The price is minimal owing to FHWA and TDOT subsidies. Because the courses are conducted close to your location, you have low travel expense. If you haven't used us before, try us.

### **Tennessee Transportation Assistance Program**

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Fax: (865) 974-3889

Email: [ttap@utk.edu](mailto:ttap@utk.edu)

<http://ctr.utk.edu/ttap>

### **2011 TTAP Courses**

Course Title	Date	Location	Instructor
<a href="#">Basic Traffic Studies</a>	May 24	Bristol	Dave Clarke, Matt Cate
<a href="#">Signal Timing</a>	May 26	Jackson	Airton Kohls
<a href="#">Asphalt Pavement Maintenance</a>	June 1	Bristol	John Calvert
<a href="#">Introduction to Traffic Signals</a>	June 7	Bristol	Airton Kohls
<a href="#">Signal Timing</a>	June 15	Nashville	Airton Kohls
<a href="#">Signal Timing</a>	June 22	Chattanooga	Airton Kohls
<a href="#">Geometric Design of 2-Lane Roads &amp; Streets</a>	June 28	Nashville	Dave Clarke
<a href="#">Asphalt Pavement Maintenance</a>	June 30	Chattanooga	John Calvert
<a href="#">Work Zone Traffic Control/Flagging</a>	July 12	Knoxville	Frank Brewer
<a href="#">Traffic Sign Retroreflectivity</a>	July 20	Bristol	Matt Cate
<a href="#">Traffic Sign Retroreflectivity</a>	July 28	Jackson	Matt Cate
<a href="#">Signal Timing - NEW LOCATION ADDED</a>	August 9	Bristol	Airton Kohls
<a href="#">Local Government Guidelines Manual/Right-of-Way</a>	August 16	Nashville	Various
<a href="#">Basic Traffic Studies</a>	September 20	Nashville	Dave Clarke, Matt Cate
<a href="#">Railroad Track Inspection &amp; Safety Standards</a>	November 14-18	Chattanooga	Dave Clarke

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Roy Stroud | 865.679.8958 | [roy@trilecproducts.com](mailto:roy@trilecproducts.com)  
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## Traffic Bowl Sponsors

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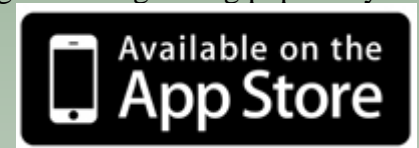
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## iPad App (Source: ITE E-newsletter, May 2011)

As technology continues to advance, ITE is working to keep up with advancing technologies. In response to the increasing requests from members for more digital offerings and leveraging the ever-growing popularity of Apple's iPad®, ITE has launched ITE Books for iPad. The application is available for free by searching "ITE Books" on an iPad through the [App Store](#).



Currently, there are nine publications available:

- *ITE Collision Reporting Research: Assessing the Collision Data Needs of Transportation Engineers: An ITE Informational Report*
- *Pioneers of Transportation*
- *Journal of Transportation of the Institute of Transportation Engineers*
- *ITE Journal*
- *Smart Growth Transportation Guidelines: An ITE Recommended Practice*
- *Manual of Transportation Engineering Studies, 2nd Edition*
- *Transportation Impact Analyses for Site Development: An ITE Recommended Practice*
- *Promoting Sustainable Transportation Through Site Design: An ITE Recommended Practice*
- *Neighborhood Street Design Guidelines: An ITE Recommended Practice*

These nine releases represent only the start of this new digital publishing platform. Additional books will be added in the upcoming months with the intention of providing all ITE publications, giving ITE members more flexibility in how they choose to receive information. Visit the App Store through the iPad today to download your copies of these essential publications and let us know what else you would like to see.

## TSITE SPONSORSHIP

### Purpose:

The purpose of TSITE sponsorship in the TSITE Newsletter (Tennessee Transportation News) and on the TSITE Web Site (<http://www.tsite.org>) is twofold.

First, sponsorship provides an opportunity for TSITE members wishing to show support of the organization and its mission. Numerous requests have been made in the past concerning the possibility of “advertising” in the Tennessee Transportation News. One purpose of the formulation of this policy is to provide this opportunity for members to provide and receive information about various products and services offered by participating TSITE members.

Second, monies collected through sponsorships help support the activities of ITE student chapters within the state of Tennessee. In an effort to encourage student participation, TSITE wishes to encourage financial aid to chapters and individuals outside of the annual scholarships.

### Eligibility:

Sponsorship of TSITE publications is available to all regular and affiliate members of TSITE and the organizations they represent.

### Contributions:

For a donation of \$50 per calendar year (Jan 1 to Dec 31), each participant/firm/organization will be recognized in one (1) business card-sized space (2”x3½”) in each published newsletter during the year. A firm/organization logo and its web site address link will also be posted on the TSITE web site.

### Beneficiary:

The opening budget of most student chapters comes solely from membership dues collected each year. While this generally allows chapters to host regular meetings, assistance for participation in additional ITE activities is often unavailable. Funds collected from sponsorships will go into the TSITE general fund to offset such costs as student registration at TSITE meetings and travel/lodging costs for students invited to ITE functions.

### Procedure:

To become a sponsor of TSITE publications, please send the following to Steve Bryan, 2010 TSITE Secretary/Treasurer (contact information provided below):

- A \$50 donation (checks payable to “Tennessee Section ITE”) noting its purpose;
- An electronic formatted (color or b/w) submission (Acceptable formats are \*.jpg, \*.tif, \*.bmp, or \*.cdr) of the participant/firm/organization needed for the newsletter (2”x3½” finished size);
- The firm/organization electronic logo needed for the TSITE web site;
- The firm/organization web site address link needed for the TSITE web site.

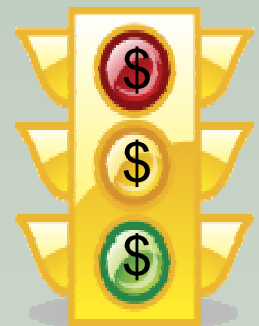
If you have any questions regarding TSITE sponsorship, please contact:

Jason Carder, P.E.  
Phone: (423) 245-4970  
Email: [jacarder@matternandcraig.com](mailto:jacarder@matternandcraig.com)

Mailing Address:

c/o Mattern & Craig  
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Thank you in advance for considering TSITE Sponsorship!



**Tennessee Transportation News — Newsletter of the Tennessee Section of ITE**

“Tennessee Transportation News” is the official publication of the Tennessee Section of the Institute of Transportation Engineers (ITE). Any comments, suggestions or technical articles for consideration of inclusion in the newsletter are welcome and should be submitted to Gerald Bolden, Editor (615) 370-8410, [geraldbolden@rpmtraffic.net](mailto:geraldbolden@rpmtraffic.net)

Gerald Bolden, P.E., PTOE  
TSITE Newsletter Editor  
C/O RPM Transportation Consultants, LLC  
214 Centerview Drive, Suite 240  
Brentwood, TN 37027