

# **INSTITUTE OF TRANSPORTION ENGINEERS**

## **Section Annual Report For ITE's Tennessee Section (TSITE)**



**January 1, 2006 – December 31, 2006**

# INSTITUTE OF TRANSPORTATION ENGINEERS

## Section Annual Report For ITE's Tennessee Section (TSITE)



January 1, 2006 – December 31, 2006

### 2006 TSITE Executive Board

#### 2006 Officers

President	Steve Allen (615) 741-2208	<a href="mailto:steve.allen@state.tn.us">steve.allen@state.tn.us</a>
Vice President	Greg Judy (615) 383-8420	<a href="mailto:greg.judy@neel-schaffer.com">greg.judy@neel-schaffer.com</a>
Secretary-Treasurer	Steve Meyer (423) 842-3335	<a href="mailto:smeyer@volkert.com">smeyer@volkert.com</a>
Section Representative (05-06)	Hollis Loveday (865) 963-4300	<a href="mailto:hloveday@wilbursmith.com">hloveday@wilbursmith.com</a>
Section Representative (05-07)	John Sexton (865) 963-4300	<a href="mailto:jsexton@wilbursmith.com">jsexton@wilbursmith.com</a>
Immediate Past President	Jeff Hammond (615) 383-8420	<a href="mailto:jeff.hammond@neel-schaffer.com">jeff.hammond@neel-schaffer.com</a>
Affiliate Director	Renny Stinson (615) 772-7605	<a href="mailto:rstinson@rexelusa.com">rstinson@rexelusa.com</a>

#### 2006 Committees / Chairpersons

Membership	Greg Judy (615) 383-8420	<a href="mailto:greg.judy@neel-schaffer.com">greg.judy@neel-schaffer.com</a>
Scholarship	Jeff Hammond (615) 383-8420	<a href="mailto:jeff.hammond@neel-schaffer.com">jeff.hammond@neel-schaffer.com</a>
Section Relations	Jeff Hammond (615) 383-8420	<a href="mailto:jeff.hammond@neel-schaffer.com">jeff.hammond@neel-schaffer.com</a>
Technical	John Sexton (865) 963-4301	<a href="mailto:jsexton@wilbursmith.com">jsexton@wilbursmith.com</a>
Nominations	Jeff Hammond (615) 383-8420	<a href="mailto:jeff.hammond@neel-schaffer.com">jeff.hammond@neel-schaffer.com</a>
Awards	Jeff Hammond (615) 383-8420	<a href="mailto:jeff.hammond@neel-schaffer.com">jeff.hammond@neel-schaffer.com</a>
Audit	Steve Meyer (423) 842-3335	<a href="mailto:smeyer@volkert.com">smeyer@volkert.com</a>
Career Development	Dawn Foster (865) 963-4300	<a href="mailto:dfoster@wilbursmith.com">dfoster@wilbursmith.com</a>
Scholarship Challenge	Greg Judy (615) 383-8420	<a href="mailto:greg.judy@neel-schaffer.com">greg.judy@neel-schaffer.com</a>
Legislative	Preston Elliott (615) 599-0062	<a href="mailto:elliottp@pbworld.com">elliottp@pbworld.com</a>

#### 2007 Officer-Elect Positions

President	Greg Judy (615) 383-8420	<a href="mailto:greg.judy@neel-schaffer.com">greg.judy@neel-schaffer.com</a>
Vice President	Steve Meyer (423) 842-3335	<a href="mailto:smeyer@volkert.com">smeyer@volkert.com</a>
Secretary-Treasurer	Kevin Cole (865)963-4300	<a href="mailto:kcole@wilbursmith.com">kcole@wilbursmith.com</a>
Section Representative (06-07)	John Sexton (865) 963-4300	<a href="mailto:jsexton@wilbursmith.com">jsexton@wilbursmith.com</a>
Section Representative (07-08)	Cindy Pionke (865) 215-5800	<a href="mailto:cindy.pionke@knoxcounty.org">cindy.pionke@knoxcounty.org</a>
Immediate Past President	Steve Allen (615) 741-2208	<a href="mailto:steve.allen@state.tn.us">steve.allen@state.tn.us</a>
Affiliate Director	Renny Stinson (615) 772-7605	<a href="mailto:rstinson@rexelusa.com">rstinson@rexelusa.com</a>

## Membership

TSITE continues to be proactive in maintaining a current roles list. We feel this helps the Section provide better service and communication to the Section. The updated electronic database instituted two years ago continues to pay dividends. The Section provides a “Member Information Update Form” on our website so members can submit information as needed. We have reduced postage costs by communicating with members using e-mail, where possible. The following is an updated membership count. A complete Membership Roll (**Appendix 1**).

<u>Membership Grade</u>	<u>Number</u>	<u>Section Annual Dues Rate</u>
Institute Affiliate	7	\$ 15.00
Associate	60	\$ 15.00
Associate 10	17	\$ 15.00
Esteemed Colleague	2	\$ 15.00
Fellow	13	\$ 15.00
Fellow Life	17	\$ 15.00
Honorary Life	0	0
Member	93	\$ 15.00
Member 10	26	\$ 15.00
Member Life	4	\$ 15.00
Student	52	\$ 15.00
Section Affiliates	<u>27</u>	\$ 15.00
<b>Total</b>	<b>318</b>	

Does your section have a Federal Employer Identification Number?  
 Yes      No

## Financial

<b>Beginning Balance 12/26/2005</b>	\$25,633.10
<b>Income for Year 2006</b>	
<b>Dues</b>	\$3,296.00
<b>Meeting Income</b>	\$4,843.71
<b>Investment Income (Est)</b>	\$100.00
<b>Advertising Income</b>	\$50.00
<b>District Reimbursement</b>	\$500.00
<b>Scholarship Income</b>	\$4,546.00
<b>Correction from 2005</b>	\$100.00
<b>Total Income</b>	\$13,435.71

## Expenditures for Year 2006

Printing/Postage	\$347.81
Meetings	\$6,461.29
Be In The Click Sponsorship	\$1,500.00
Webinars	\$150.00
Awards	\$587.38
Scholarship Fund	\$10,000.00
Student Member support	\$1,256.98
Hensley Memorial	\$500.00

**Total Expenditures** \$20,803.46

## Balance of Funds on hand December 31, 2006

\$18,265.35

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

Yes       No

2006 was an outstanding year for the Tennessee Section Institute of Transportation Engineers (TSITE). The Board and members made a commitment to further strengthen the role of the organization with several new initiatives. Available budget funds were earmarked to conduct webinars on a statewide basis and partnered with the Tennessee Department of Transportation (TDOT) and the Federal Highway Administration (FHWA) to conduct workshops. Our members spent countless hours attending, facilitating and presenting for seminars, workshops and conferences. Past-President Jeff Hammond represented TSITE on TDOT's Long Range Transportation Plan (LRP) Committee completing the first LRP in the Department's history. President Steve Allen represented TSITE on TDOT's Strategic Highway Safety Plan Committee assisting the Department in becoming one of the few states with a comprehensive Safety plan. President Allen also co-chaired the Traffic Records Coordinating Committee enabling Tennessee to qualify for special National Highway Traffic Safety Administration (NHSTA) funds in the first available year and continue to strengthen Tennessee's leadership role. In keeping with the emphasis on Safety, TSITE became a sponsor of the "Be in the Click" program. This educational awareness program is a multi-state initiative to make students aware of the benefits of buckling up. Funding was obligated for three Tennessee state schools on a yearly basis. In addition to the importance of Safety, TSITE will be promoting Transportation as a career goal for these students.

## Technical Activities

The root of our organization's technical activity is found in four quarterly meetings held throughout the state. It is here that experiences are shared, initiatives are introduced, results are presented, and questions are answered. The Section takes pride in providing timely, varied programs that feature local speakers as well as students and other invited

guests. Also, we believe that interaction with other Sections and related organizations broadens the awareness of our members and leads to stronger professional relationships. Please see the Meetings section of this report for a summary of these technical activities.

## Legislative Activities

The TSITE Legislative Committee was formed in 2005 to investigate the potential interaction of our organization with the legislative process and to monitor the transportation related proceedings of our legislative bodies. This committee continues to review all Legislative topics which impact the Transportation Community by providing Technical expertise and support. In 2006, TSITE opposed Legislation action to repeal the Motorcycle helmet laws and supported primary seatbelt legislation.

## Meetings

TSITE's four regular Annual meetings are a staple of our membership's technical activity. In addition, three local areas hold monthly social meetings for a total of over 35 TSITE meetings in 2006. In all, opportunities for **22** professional development hours were made available during the year.

**Date:** Feb. 16, 2006

**Location:** University of Tennessee - Knoxville

**Purpose:** TSITE's annual Winter Meeting, held in conjunction with Student Chapter.

Technical Component:

Mr. Bill Cole, P.E. - PTOE	<i>Quality Crash Data and its Effects on Analysis Results</i>
Dr. Mark Burton - UT Center for Transportation Research	<i>Assessing Project Benefits in a Network Setting : The I-40/I-81 Corridor</i>
Mr. Jeff Mize, P.E. - Wilbur Smith associates	<i>I-40/ James White Parkway/ Hall of Fame Drive : TDOT's Smart FIX Solution</i>
Dr. Arun Chatterjee - UT Department of Civil & Environmental Engineering	<i>Freight Transportation in Urban Areas: How can Traffic Engineers Help?</i>

**Date:** April 27, 2006

**Location:** Holiday Inn Select – Memphis, TN

**Purpose:** TSITE's annual Spring Meeting with Student Chapter.

Technical Component:

Mr. Craig Timothy - Traffic Logix	<i>Traffic Calming and Speed Tables</i>
Mr. Charlie Graves – TDOT, Project Planning Division	<i>I-69 Corridor</i>

Mr. Drake Danley, P.E. - SSR Transportation Division	<i>Walnut Gove Reconstruction Project</i>
Mr. Richard Merrill, P.E. - City of Memphis Traffic Engineering	<i>Traffic Calming in Memphis</i>

**Date:** June 23-24, 2006

**Location:** Fall Creek Falls State Park, TN

**Purpose:** TSITE's annual Summer Meeting and Auction for scholarship fundraising.

Technical Component:

Mr. Carl Baughman, P.E. - City of Franklin	<i>Applying ITS to Manage Transportation in Franklin, TN</i>
Mr. Shaun Quayle - UT Knoxville	<i>Red Light Cameras: Safety and Enforcement in Knoxville and Abroad</i>
Dr. Steven Click, P.E. - Tennessee Tech. University	<i>Non-Traditional At Grade Intersections – An Introduction</i>
Mr. Manoel Castro-Neto and Dr. Tom Urbanik, P.E - UT Knoxville	<i>Traffic Signal System Research</i>

**Date:** Sept. 24-26, 2006

**Location:** Chattanooga, TN

**Purpose:** TSITE's annual Fall Meeting held jointly with ITS Georgia.

Technical Component:

Suzanne Murtha – Director of Vehicle Safety Systems, ITS America	<i>ITS America Overview, Policies, Outreach and Project Examples</i>
Marsha Anderson Bomar – President, StreetSmarts	<i>In the Beginning, There Were Champions and They Were Good...</i>
Marion Waters – Senior VP, Gresham, Smith and Partners	<i>Implementation of ITS Practice in Georgia</i>
David Stansell – President, Stansell Electric	<i>The Tennessee Chapter of ITS America</i>
Don Dahlinger – Assistant Director- ITS, Tennessee DOT	<i>What's So Smart about TDOT SmartWay</i>
Taylor Stukes – Sr. Transportation Engineer, Gresham, Smith and Partners	<i>Georgia DOT Ramp-Meter Roll-Out</i>
Carla Holmes – State Traffic Operations Engineer, Georgia DOT	<i>Fast Forward and Future Georgia DOT ITS Project Lettings</i>
H. Gupta Borra – Senior Project Manager, Farradyne Keith Materi – Technician, MasTec	<i>Nashville – Area ITS Maintenance Program</i>
John Benditz – Senior VP, Kimley –Horn & Associates	<i>Rural ITS Deployment in Tennessee</i>
Rodney Chester – Senior VP, Gresham, Smith and Partners	<i>Wireless Communications for Freeway Management : A Case Study</i>
Param Sankar – Associate, Cambridge Systematic	<i>Managing Work Zone Safety and Mobility</i>

Bob Weithofer – Transportation Manager, Metro-Nashville	<i>Nashville Wayfinding &amp; Traffic Guidance Program</i>
Monica Luck – Communications Specialist, Georgia DOT	<i>ITS &amp; Event Management in Georgia</i>
Gary Millsaps – Hero Unit Manager, Georgia DOT	<i>HERO Unit/ Incident Management in Georgia</i>
Ken Flynn – Region 2 Construction Engineer, Tennessee DOT Steve Meyer – Assistant VP, Volkert & Associates	<i>Chattanooga CCTV Deployment</i>
Henry DeVries – Captain, New York State Police	<i>I-95 Coalition Tool Kit</i>
Dan Shamo – Senior VP, URS	<i>A New Strategy for Reducing Right Angle Collisions at Intersections</i>
John Hall – Motorist Information Coordinator, Tennessee DOT	<i>511 Roll-Out in Tennessee</i>
Jeff Short – Senior Research Associate, ATRI	<i>Trucking and the US / Canadian Border: Measurements of Border Crossing Efficiency</i>
Ralph Robinson – President, VII Consortium	<i>The VII Initiative from a Car Company Perspective</i>
Linda Dodge – Public Safety Coordinator, ITS Joint Program Office	<i>Public Safety &amp; ITS: ( From in a Ditch) to Life in the Fast (but congested) Lane</i>

## 2007 TSITE Meeting Schedule (Appendix 2).

### Student Activities

The four Student Chapters (University of Memphis, Vanderbilt University, Tennessee Tech University, and the University of Tennessee) continued to be a source of pride for TSITE in 2006. Thanks to dedicated faculty advisors, TSITE's Career Development Committee, individual chapter liaisons, and most importantly the enthusiasm of the students themselves, great accomplishments have been made on our campuses. Students Chapter Reports are included (**Appendix 3**).

### Awards

2006 Volunteer Distinguished Service Award: This recognition is given to a TSITE member who has contributed both to the advancement of the transportation profession and to ITE at the Section and district levels. Established in 1975, this high award is presented to an engineer active in the profession for more than 10 years and who has exhibited outstanding service above and beyond the normal duties of his position over a number of years: **Marshall Elizer** (Gresham Smith & Partners).

2006 Jack B. Humphreys Young Member Award: This recognition is given to a TSITE member who has contributed significantly to the Section or the profession over the past few years. Established in 2002, this award recognizes the achievements of members under the age of 35: **Chris Kirby** (Wilbur Smith Associates).

2006 Tennessee Section Outstanding Individual Awards: This recognition is given to a TSITE member who has demonstrated outstanding service to the profession and to ITE at the State and District levels. Established in 1975, this award recognizes the recent

achievements of members over the past few years: **Anthony Todd** (City of Johnson City).

## Student Awards

*Student Paper Competition:* The purpose of the Student Paper competition is to encourage student members of the Institute of Transportation Engineers (ITE) to conduct and report on independent and original research and investigation of traffic and transportation subjects and to provide a means for recognizing outstanding accomplishments in this area. A committee, comprised of members of TSITE, reviewed all papers received and selected the award winners. All papers were evaluated based on the following criteria: Originality, Significance, Scope and Format, Validity, and Applicability. The two best papers received awards. The first place winner received \$250.00 and the runner-up received \$100.00. Winners presented their papers at the TSITE Summer meeting.

*2006 First-Place Paper Award:* **Shaun Quayle** (University of Tennessee- Knoxville) for his paper entitled, *Red Light Cameras: Safety and Enforcement in Knoxville and Abroad.*

*2006 Runner-Up Paper Award:* **Alisa Cotter** (Vanderbilt University) for her paper entitled, *Accident Site Analysis and the Use of Collision Diagrams.*

*2006 Robert Stammer Outstanding Student Chapter Award:* This recognition is given to one of the four ITE student chapters in the state of Tennessee who, for the school year, contributed outstandingly to the advancement of the transportation profession in the Tennessee Section. Established in 2003, this award recognizes the recent achievements of chapters and encourages more participation with the Southern District:  
**University of Tennessee-Knoxville**

*2006 William L. Moore Jr. Student Scholarship:* TSITE sponsors a student scholarship program each year for civil engineering students enrolled at a university within the State of Tennessee who has demonstrated a strong commitment in transportation engineering. A scholarship candidate must be enrolled in an undergraduate accredited civil engineering program within the State of Tennessee or a graduate of an accredited program and enrolled in a graduate civil engineering program within the State of Tennessee in the year following nomination. The candidate may be either a full or part time student. The annual awards are for \$1,500 each: **Shaun Quayle and Manoel Castro-Neto** (University of Tennessee-Knoxville)

## Other Notables

(Appendix 4)

## Individual Member Activities

(Appendix 5)



# TENNESSEE SECTION 2006 ANNUAL REPORT

## APPENDIX

### **Including:**

- 1- Complete Members list (10 Pages)
- 2- Tentative 2007 TSITE Meeting Schedule (1 Page)
- 3- Summary of Student Chapter Activities (2 Page)
- 4- Other Notables (3 Pages)
- 5- Member Activities (9 Pages)
- 6- UT, VU, and TTU Student Chapter Reports (17 Pages)

## APPENDIX 1

**The following members represent a diverse cross-section of Transportation Professionals, Para-Professionals and Technical Positions including Engineers, Planners, Vendors and Students in both the Public and Private Sectors:**

LAST NAME	FIRST NAME	MI	PRE FIX	LIC	JOB TITLE	ORGANIZATION
Adamson	Ryan				Student	University of Memphis
Afis	Ali	T.	Mr.	P.E.	Engineer	Nashville Public Works Department
Albright	William	A.	Mr.		Transportation Planning Manager	City of Kingsport
Alexander	Barry	T.	Mr.	P.E.	Project Manager	Neel-Schaffer, Inc.
Allen	Bill	W.	Mr.	P.E.		
Allen	Steve	L.	Mr.		Director Project Planning Division	Tennessee Department of Transportation
Ammarell	Beverly	D.	Ms.	P.E.	Traffic Engineer	Nashville Public Works Department
Anderson	R. Kenneth		Mr.		Transportation Manager	Tennessee Department of Transportation
Anderson	William	R.	Mr.	P.E.	Transportation Manager 2	Tennessee Department of Transportation
Ansley	Samanta	H.	Ms.			Vanderbilt University
Armstrong	Daniel	R.	Mr.	EIT	Transportation Designer	Wilbur Smith Associates
Badoe	Daniel	A.	Dr.		Asst. Professor	Tennessee Tech University
Bagley	Carter	B.	Mr.	P.E.	Engineer	Davis Engineering Co.
Bailey	Becky			EIT		City of Bartlett
Baines	Jeff	L.	Mr.	P.E.	Commissioner of Public Works	City of Lebanon
Baird	Malcolm	E.	Dr.	P.E.	Director, VECTOR	Vanderbilt University
Baksa, Jr.	E.	J.	Mr.	P.E.	Owner	Land Development Solutions
Balachandran	Ram		Mr.	P.E., PTOE	City Traffic Engineer	City of Murfreesboro
Barlow	Andrew	J.	Mr.			Tennessee Tech University
Barnes	George	D.	Mr.	P.E.		
Baughman	Carl	B.	Mr.	P.E.	Transportation Engineer	City of Franklin
Best	Mark	R.	Mr.	P.E.	Operations Specialist Supervisor 2	Tennessee Department of Transportation
Bingham	Matthew	W	Mr.	P.E.	Director of Transportation Engineering	W.H. Porter & Company
Black	Jason					University of Memphis
Bolden	Gerald	G.	Mr.	P.E., PTOE	Transportation Engineer	Hethcoat & Davis, Inc
Borra	Himakara	G.	Mr.	P.E.	Senior Engineer	Parsons Brinckerhoff
Bottoms	Rebecca	C.	Ms.	P.E.	Engineer	Cannon & Cannon, Inc.
Bowers	Robert	W.	Mr.	P.E.	Associate-In-Charge	Wilbur Smith Associates
Bowlby	William		Dr.	P.E.	President	Bowlby & Associates, Inc.
Boyd	Edward	L.	Mr.	P.E.		
Boyton	Matthew		Mr.			Tennessee Tech University
Brewer	Frank		Mr.		Training Coordinator	TTAP
Brogdon	James	F.	Mr.	P.E.	Project Engineer	Volkert & Associates, Inc.
Brown	Dionne					University of Memphis

Brown	E. Michael	Mr.	EIT	Operations Spec. 3	Tennessee Department of Transportation
Brumskine	Walta	S.			University of Tennessee-Knoxville
Bryan	Stephen	K.	Mr.	P.E.	Senior Traffic Engineer
Buckley	Felice	E.	Ms.	EIT	Associate
					Gresham, Smith & Partners
					RPM Transportation Consultants, LLC
Buckner	Kenneth	J.	Mr.		Engineer
Burnette	Rachel	Ms.			Tennessee Tech University
Byrd	Steven	R.	Mr.	P.E.	City Engineer
Cameron	John	E.	Mr.	P.E.	Transportation Planning & Design
					City of Oak Ridge
					City of Memphis
Cantrell	Allan	B.	Mr.	P.E.	City Engineer
Carder	Jason	A.	Mr.	EIT	Engineer
Carlson	Barbara	A.	Ms.	E.I.T., CPESC-IT	Engineer Intern
					City of Johnson City
					Mattern & Craig, Inc.
					Neel-Schaffer, Inc.
Castro-Neto	Manoel	M.	Mr.		University of Tennessee-Knoxville
Cate	Matthew	A.	Mr.	EIT	Senior Research Associate
Cather	Donald	W.	Mr.	P.E.	Consultant
Chandler	Matthew	W.	Mr.		UT Center for Transp. Research
Chatterjee	Arun	Dr.	P.E.		Cather Morine, Inc.
Chester	Joseph	C.	Mr.	P.E.	Tennessee Tech University
Chester	Rodney	N.	Mr.	P.E.	University of Tennessee-Knoxville
Childers	Alan	L.	Mr.	P.E.	Professor
Clark	Chad	E.	Mr.		Vice President
Cleghon	Jonathan	M.	Mr.	P.E.	Senior Associate
					Gresham, Smith & Partners
					Cannon & Cannon, Inc.
					Wiser Company, LLC
					Nashville Public Works Department
Clinard	Thomas	M.	Mr.	PE	Partner
					Clinard Engineering Associates, LLC
Clyde	Max	N.	Mr.	P.E.	
Cole	Edward	H.	Mr.		Assistant Commissioner
					Tennessee Department of Transportation
Cole	Kevin	A.	Mr.	EIT	Transportation Engineer, Designer III
					Wilbur Smith Associates
Cole	William	E.	Mr.	P.E., PTOE	Traffic Engineer III
Coletti	R. Anthony	Mr.			City of Knoxville
Collins	James	F.	Mr.	P.E.	Regional Vice-President
Comer	Ralph	E.	Mr.		Transportation Manager - Planning Division
					Tennessee Department of Transportation
Comstock	Kevin	E.	Mr.		ITS Specialist
Conger	Michael	D.	Mr.	P.E.	Senior Transportation Engineer
					City of Franklin
					Knoxville Metropolitan Planning Commission
Cook	Dennis	C.	Mr.	P.E.	Assistant Chief Environment Planning
					Tennessee Department of Transportation
Corbridge	Addie	L.	Ms.		Tennessee Tech University
Couch	Kim	L.	Ms.		Tennessee Tech University
Cowan	E. Chris	Mr.	P.E.		Transportation Engineer
Crabtree	Wayburn	A.	Mr.	P.E.	Asst. Director of Construction
					Gresham, Smith & Partners
					Tennessee Department of Transportation
Crouch	Jason	A.	Mr.	P.E.	Engineer
Cunningham	Mike	Mr.			Systems Consultant
					SITE, Inc.
					3 M Company
Daberkow	Jonathan	N.	Mr.		
Dahlinger	Donald	G.	Mr.	P.E.	Assistant Director-Design Division
					Vanderbilt University
					Tennessee Department of Transportation
Dalton	Luke	Mr.			Tennessee Tech University

Daniel	Dudley	E.	Mr.		Transportation Manager	Tennessee Department of Transportation
Danley	Drake	E.	Mr.	P.E.	Engineer	Ellers, Oakley, Chester & Rike
Darks	Brandon		Mr.		Transportation Planner	Tennessee Department of Transportation
Daugherty	Houston	E.	Mr.	P.E.	Engineer	Smith Seckman Reid, Inc.
Davenport	John	M		PE	President	John Davenport Engineering, Inc.
Davidson	Diane	J.	Ms.		Division Director	Tennessee Department of Transportation
Davis	Christopher	L.	Mr.	P.E.	Project Manager	Volkert & Associates, Inc.
Daws	George	D.	Mr.	EIT	Traffic Engineer I	City of Knoxville
Degges	Paul	D.	Mr.	P.E.	Chief Engineer	Tennessee Department of Transportation
Delaney	Doug	J.	Mr.	AICP	Director - Environmental Division	Tennessee Department of Transportation
DesGroseillers	Richard	L.	Mr.		MTPO Coordinator	Lakeway Area MTPO
Dotson	Gregory		Mr.	P.E.	Transportation Engineer	Gresham, Smith & Partners
Doyle	Devin	P.	Mr.	P.E.	Traffic Engineer	Nashville Public Works Department
Dragan	Joshua	A.	Mr.	P.E.	Senior Transportation Engineer	URS Corporation
Dunagan	Brett					University of Memphis
Elizer, Jr.	Marshall		Mr.	P.E., PTOE	Transportation Services Manager	Gresham, Smith & Partners
Elliott	Preston	J.	Mr.	AICP	Supervising Planner	Parsons Brinckerhoff
Estes, Jr.	Harold	N.	Mr.	P.E.		Self Employed
Evelt	Anthony	S.	Mr.	P.E.	Engineer	Volkert & Associates, Inc.
Falls	K. Travis		Mr.	P.E.	Project Manager	CTE Engineers
Farhangi	Ali		Mr.	P.E.	Operations Specialist Supervisor 2	Tennessee Department of Transportation
Fischbach	Gillian	L.	Ms.	P.E., PTOE	President	Fischbach Transportation Group, Inc.
Fitzgerald	Richard		Mr.	P.E.	Consulting Engineer	DBA Richard Fitzgerald, PE
Fiveash	Patrick	J.	Mr.		Transportation Designer 3	Wilbur Smith Associates
Flatt	Michael	A.	Mr.	P.E.	Trans. Services Manager	Gresham, Smith & Partners
Foster	Dawn	M.	Ms.		Transportation Designer	Wilbur Smith Associates
Fowler	G. Bryan		Mr.	P.E.	City Engineer	City of Morristown
Fox	Eric	S.	Mr.			Tennessee Tech University
Foxworth	DeVere	M		P.E.	Transportation Engineer	Foxworth Assoc.
Frooman	Steve		Mr.			Vanderbilt University
Gaffney	Brian	N	Mr	PE	Project Engineer	Clinard Engineering Associates, LLC
Gafford	Richard	E.	Mr.	P.E.	Principal	Fisher & Arnold
Gaskins, Jr.	Arthur	W.	Mr.	P.E.	Transp. Plng. & Design Administrator	City of Memphis
Geldmeier	W. Mark		Mr.	P.E.	Chief Traffic Engineer	City of Knoxville
Gould	John	F.	Mr.	P.E.	Senior Transportation Engineer	Wilbur Smith Associates
Grandstaff	Hugh	T.	Mr.			Vanderbilt University
Grant, II	Wilburn	T.	Mr.		Public Works Director	City of Cleveland
Grecco	William	L.	Mr.	P.E.	Professor Emeritus	University of Tennessee-Knoxville
Greenlee	James					University of Memphis
Gregor	John	A.	Mr.	P.E.	Chief Traffic Engineer	Nashville Public Works Department

Gregory	Gerald	H.	Mr.		Transportation Manager	Tennessee Department of Transportation
Griffin	Jonathon					University of Memphis
Griffin	Joseph	F.	Mr.	P.E.	Vice President	Ragan, Smith Associates, Inc.
Grubb	Terry	S.	Mr.	P.E.	Vice President	Wilbur Smith Associates
Hall	Basil		Mr.		Vice President	Stansell Electric Company, Inc.
Hall	Steven	M.	Mr.	P.E.	Asst. Chief Engineer - Operations	Tennessee Department of Transportation
Hammond	Jeffrey	L.	Mr.	P.E.	Project Engineer	Neel-Schaffer, Inc.
Hanchey	Craig	M.	Mr.	P.E., PTOE	Vice-President	Neel-Schaffer, Inc.
Harr	Laura		Ms.			Tennessee Tech University
Hart	Bill	M.	Mr.		Transportation Manager	Tennessee Department of Transportation
Hatcher	Barbara	G.	Ms.	P.E.	Transportation Engineer	SITE, Inc.
Haynie	Robert	L.	Mr.	P.E.	Owner President	Robert L. Haynie Associates
Hays, Jr.	William	B.	Mr.	P.E., PTOE	Engineer	Barge, Waggoner, Sumner & Cannon
Headlee	Karen	M.	Ms.	P.E.	Traffic Engineer	Volkert & Associates, Inc.
Heathington	Kenneth	W.	Mr.	P.E.	President	Applied Research Associates, Inc.
Hensley	Mary	M.	Ms.	P.E.	President	Hensley Engineering & Research Services
Hersberger	Sarah	M.	Ms.			University of Memphis
Hewitt	John	L.	Mr.	P.E.	Civil Eng. Manager 2	Tennessee Department of Transportation
Hickman	Jerome	H.	Mr.	P.E.	City Engineer	City of Sevierville
Hiatt, III	Peter	T.	Mr.	P.E.	Civil Engineering Manager I	Tennessee Department of Transportation
Hill	James		Mr.		Sales	Traffic Systems, LLC
Holland	Brad					University of Memphis
Holloran	Mark	A.	Mr.	P.E.	Asst. Chief Engineer	Tennessee Department of Transportation
Holloway	Frank	M.	Dr.	P.E.	Professor Emeritus	
Holmes	Kathleen	C.	Ms.	P.E.	Associate	Wilbur Smith & Associates, inc.
Howard	Michael	L.	Mr.	P.E.	County Engineer	Hamilton County Engineering Department
Huddleston, IV	William	H.	Mr.	P.E.	President	Huddleston-Steele Engineering, Inc.
Hudgens	Nathan	D.	Mr.			Tennessee Tech University
Humphreys	Jack	B.	Dr.	P.E.	Professor Emeritus	University of Tennessee-Knoxville
Ivey	Stephanie		Ms.			University of Memphis
Jacks, III	Robert	W.	Mr.	P.E.	Traffic Engineer	Hodge Engineering Company
Jackson	Harold	E.	Mr.	P.E.	Transportation Manager 2	Tennessee Department of Transportation
Jackson	Ollie	R.	Mr.		Transportation Specialist	Tennessee Department of Transportation
Johnson	Kenneth	A.	Mr.	P.E.	Traffic Engineer	City of Memphis
Johnson	Tasha	N.	Ms.	P.E.	Transportation Engineer	TDOT
Jones	Jeff	C.	Mr.	P.E.	Director - Design Division	Tennessee Department of Transportation
Jones	Leisa	A.	Ms.			University of Tennessee-Knoxville
Judy	Gregory	D.	Mr.	P.E., PTOE	Project Manager	Neel-Schaffer, Inc.
Kaszas	Greg					University of Memphis
Kerr, Jr.	James	T.	Mr.		Traffic Mgt. Systems	Wiser Company, LLC
Kervin, Jr.	Willis (Bill)	D.	Mr.	P.E.	Senior Project Engineer	

King	Charles	N.	Mr.	P.E.	Transportation Manager	Tennessee Department of Transportation
King	Stanley	G.	Mr.	P.E.	Vice President	Florence-Hutcheson, Inc.
King	Stephen	J.	Mr.	P.E.	Deputy Director	City of Knoxville
Kirby	Noel	Chr	Mr.	P.E.	Engineer	Wibur Smith Associates
		is				
Klenk	James	S.	Mr.	P.E.	Transportation Project Manager	Allen & Hoshall, Inc.
Knauf	Walter	C.	Mr.	P.E.	Engineer	Nashville Public Works Department
Knoll, Jr.	Rick		Mr.		Operations Specialist 3	Tennessee Department of Transportation
Knuckey	Todd	A	Mr	PE	Assistant Regional Manager	American Consulting Engineers, PLC
Kubant	Michelle	L.	Ms.		Transportation Planner	Parsons Brinckerhoff
Kulovic	Mirsad	F.	Mr.		Roadway Specialist 3	Tennessee Department of Transportation
Lane	J. Greg		Mr.		Project Designer	Hamilton County Engineering Dept.
Lemesh	Roger		Mr.			Road Kare, Ltd.
Lewis	Ralph	G.	Mr.	P.E.		
Lindquist	Tom	L	Mr.	P.E.	Vice President of Engineering	Metro Knoxville Airport Authority
Lipinski	Martin	E.	Dr.	P.E., PTOE	Chair- Civil Engineering Dept.	University of Memphis
Littlejohn	James	H.	Mr.	P.E.	President	Littlejohn Engineering Associates, Inc
Lohr	Philip	M.	Mr.	P.E.	Project Engineer	Volkert & Associates, Inc.
Loutzenheiser	Roy	C.	Dr.	P.E.	Associate Dean	Tennessee Tech University
Loveday	William	H.	Mr.	P.E.	Senior Transportation Engineer	Wilbur Smith Associates
Lowry	Michael		Mr.	P.E.	Vice President	Peggy Malone & Associates, Inc.
Luttrell	Timothy	B.	Mr.	P.E.	Transportation Engineer	SAIC
Macy	Mark	D.	Mr.	P.E.	Assistant Director	Nashville Public Works Department
Marcellis	Jack	C.	Mr.	P.E.		
Margiotta	Richard	A.	Mr.		Transportation Analyst	Cambridge Systematics, Inc.
Martin	Laura	M.	Ms.			Vanderbilt University
Mathis	Lee	A.	Mr.	CPG	Director of Public Works	City of Dickson
McAteer	James	W.	Mr.		Transportation Planner	Nashville Area MPO
McGill	David	E.	Mr.		Area Manager	Southern Lighting and Traffic Systems
McKaig	Harvey	A.	Mr.		Engineering Designer	Arcadis Geraghty & Miller
McKinley	Mark	T.	Mr.		Account Executive	3M - Materials Division
Meadows	Jon	T.	Mr.	P.E.	Civil Engineer	TRC International
Mehlhorn	Sandy					University of Memphis
Merrill	Richard	M.	Mr.	P.E.	City Traffic Engineer	City of Memphis
Meservy	Matthew	R.	Mr.	P.E.	Transportation Engineer	Nashville Area M.P.O.
Metzger	David	N.	Mr.	P.E.	Transportation Planning Engineer	Bristol M.P.O.
Meyer	Stephen	E.	Mr.	P.E.	Assistant Vice President	Volkert & Associates, Inc.
Middendorf	David	P.	Mr.	EIT	Owner	DPM Transportation Consulting
Miller, Jr.	Charles	R.	Mr.	P.E.	Retired	
Mills	Landon					University of Memphis
Mittlesteadt	Wes		Mr.			Tennessee Tech University

Monroe	Kenneth	M.	Mr.	P.E.	Engineer	Kimley-Horn and Associates, Inc
Montsho	Gyasi					University of Memphis
Moody	Jason	D	Mr.	P.E.	Operations Specialist 2	TDOT
Moore	Daniel		Mr.			Tennessee Tech University
Moore	Don	R.	Mr.	P.E.	President	Ryabik, Moore & Assoc., Inc.
Moore	Jonathan	M	Mr.	EI	Engineering Analyst	Kimley-Horn and Associates, Inc.
Moore, Jr.	William	L.	Mr.	P.E.	Senior Vice President	Gresham, Smith & Partners
Moss	David	H.	Mr.	P.E.	Transportation Group Manager	Barge, Waggoner, Sumner & Cannon
Motolenich	Peter	M	Mr.	P.E.	Senior Traffic Engineer	Shelby County Engineering Department
Murphy	Robert	P.	Mr.	P.E., PTOE	President	RPM Transportation Consultants
Neal	David	A.	Mr.	P.E.	Project Manager	Volkert & Associates, Inc.
Neiciulescu	Andrei		Mr.			University of Tennessee-Knoxville
Niesen	Scott	M.	Mr.	P.E.	Civil Engineer	Ragan, Smith Associates, Inc.
Noltenius	Melany	S.	Ms.			University of Tennessee-Knoxville
Norris, II	James	E.	Mr.	EIT		Knoxville Regional Transportation Organization
Nye	Melinda		Ms.	P.E.	Project Manager	Volkert & Associates, Inc.
Osman	Mohamed					University of Memphis
Ott	Marian	T.	Ms.			
Parker	David		Mr.	P.E.	City Engineer	City of Franklin
Parnell, Jr.	Samuel	L.	Mr.	P.E.	Consulting Engineer	
Pendley	Justin		Mr.			Tennessee Tech University
Perry	Eric	J.	Mr.		Transportation Engineer	SAIC
Perry	Lawrence	E.	Mr.	P.E.	Civil Engineer III	City of Johnson City
Pfohl	Elizabeth	M.	Ms.	EIT	Transportation Engineer	Knox County Dept. of Engineering
Phillips	Richard	G.	Mr.	P.E.	Vice President	RPM Transportation Consultants
Pickett	Ryan					University of Memphis
Pierce, III	Ernie	L.	Mr.		Traffic Engineer II	City of Knoxville
Pinkley	W. Andrew		Mr.	P.E.	Project Engineer	Buchart-Horn, Inc.
Pionke	Cynthia	M.	Ms.	P.E.	Director-Planning and Development	Knox County Dept. of Engineering
Quayle	Shaun	M.	Mr.			University of Tennessee-Knoxville
Rader	Valentine	S.	Mr.	P.E., PTOE		
Ralph	Michael	R.	Mr.		Road Specialist Supervisor	Tennessee Department of Transportation
Reed, III	Jamie	F.	Mr.	EIT	Engineer-In-Training	SEC, Inc.
Reynolds	Brian	M.	Mr.	P.E.	Senior Engineer	PBS&J
Rhodes	Christoph	D	Mr.	P.E.	Project Manager	Kimley-Horn and Associates, Inc.
Richardi	Mathew		Mr.			Tennessee Tech University
Richards	Stephen	H.	Dr.	P.E.	Executive Director/Associate Professor	Center for Transportation Research
Richardson	Dana	L.	Mr.		Traffic Director	City of Murfreesboro
Riesland	David	R.	Mr.	P.E.	Traffic Engineer	Barge, Waggoner, Sumner & Cannon
Riggins	Richard	I.	Mr.	P.E.	Senior Vice President	Neel-Schaffer, Inc.
Robinette	David	O.	Mr.	P.E.	President	SITE, Inc.
Rubin	Claire	A.	Ms.			Vanderbilt University
Schmied	Ronald	D.	Mr.	P.E., PTOE	Transportation Consultant	
Schnarrs	Dyan	D.	Ms.	EIT	Engineer	RPM Transportation Consultants
Schutz	Sharon	M.	Ms.	P.E.	Project Engineer	Neel-Schaffer, Inc.
Schwartz	Fred	S.	Mr.	AICP	Director	Nashville Area MPO
Scruggs	Gary	A.	Mr.	P.E.	Chief Transportation Engineer	The Pickering Firm, Inc.

Sexton	John	W.	Mr.	P.E.	Senior Transportation Engineer	Wilbur Smith Associates
Shankle	Blake					University of Memphis
Sheehan	Greg				Systems Process Manager	Quality Traffic Systems
Shell	Cindy		Ms.		Designer	Volkert & Associates, Inc.
Shelley	Randy		Mr.			Tennessee Tech University
Si	Jianwen		Mr.			University of Tennessee-Knoxville
Sims	Jeremy	C.	Mr.	P.E.	Project Manager/Engineer	Volkert & Associates, Inc.
Slosar	Gerald		Mr.		Southeast Sales Engineer	Cohu
Smith	E. Kirby		Mr.	E.I.T.	Transportation Eng. I	Volkert & Associates, Inc.
Smith	Ronda	C.	Ms.	EIT	Traffic Calming Coordinator	City of Memphis
Snowden	Amanda	R.	Ms.	EIT	Operations Specialist	Tennessee Department of Transportation
Snowden	James	M.	Mr.	EIT	Transportation Engineer	Knox Co. Dept. of Eng. & Public Works
Spann	Daniel	J.	Mr.	P.E., PTOE	Project Manager	RPM Transportation Consultants
Stammer, Jr.	Robert	E.	Dr.	P.E.	Associate Professor	Vanderbilt University
Stansell	David	P.	Mr.		Vice President	Stansell Electric Company, Inc.
Stansell, Jr.	James	N.	Mr.	P.E.	President	Stansell Electric Company, Inc.
Stevens	Jeanne	E.	Ms.	AICP	Director of Long Range Planning Division	Tennessee Department of Transportation
Stinson	Renny	F.	Ms.		Traffic Sales & Marketing Manager	Rexel USA
Stoppenha gen	Carl	E.	Mr.	P.E.	County Highway Superintendent	Gibson County Highway Department
Storey	Jonathan		Mr.	P.E.	Engineer	Florence & Hutcheson
Sullivan	Richard	D.	Mr.	P.E.	President	Sullivan Engineering, Inc.
Sullivan	T. Darcy		Mr.	P.E.		
Swanson	Joel	F.	Mr.	EIT	Design Engineer	Volkert & Associates, Inc.
Swauger	Lane	W.	Mr.	P.E.	Manager	Gresham, Smith & Partners
Sweat	Christopher					University of Memphis
Sweeney	Robert	M.	Mr.	P.E.	Partner	Reaves-Sweeney-Marcum, Inc.
Swor	Ryan	P.	Mr.			Tennessee Tech University
Tagliaferri	Anthony	P		EIT	Traffic Engineer	Stantec Consulting Services, Inc.
Tanhaee	Manoochehr		Mr.		Traffic Design Engineer	City of Memphis
Tapp	Michael	W.	Mr.	P.E.	Transportation Engineer	Barge, Waggoner, Summer & Cannon, Inc.
Tatum	Randall	K.	Mr.	E.I.T.	Traffic Design Engineer	City of Memphis
Taylor	Nate					University of Memphis
Thompson	Brad	F.	Mr.		Transportation Planner	Nashville Area MPO
Thompson	Michael	N.	Mr.	P.E.	Traffic Engineer Manager	City of Kingsport
Thornton	Carolyn	R.	Ms.			Southern Traffic Services, Inc.
Thrasher	Susan	A.	Ms.	P.E.	Tennessee Area Manager	Parsons Binkerhoff
Tidwell	John	E.	Dr.	P.E.		
Todd	Anthony	D.	Mr.		Traffic Engineer	City of Johnson City
Trombly	Jeffrey	W.	Mr.		Senior Transportation Analyst	SAIC
Trotter	Brian	H.	Mr.	P.E.	Project Manager	DBS & Associates
Tugwell	Michael	L.	Mr.	P.E.	State Traffic Engineer	Tennessee Department of Transportation
Turbyfill	Edwin	S.	Mr.		Senior Designer	Gresham, Smith & Partners
Turner	Mathew	E.	Mr.	EIT	Designer	City of Memphis
Urbanik, II	Thomas		Dr.	P.E.	Professor and Chair of Excellence	University of Tennessee-Knoxville



Van Winkle	John	W.	Mr.	P.E.	City Traffic Engineer	City of Chattanooga
Vatter	Nathan	S.	Mr.	EIT	Operations Specialist	Tennessee Department of Transportation
Vickery	Mike		Mr.		Sales Representative	Temple, Inc.
Vincent	Daniel		Mr.		Traffic Systems Manager	Quality Traffic
Visage	Mark	S.	Mr.		City Traffic Engineer	City of East Ridge
Wall	John	E	Mr.	P.E.	Assistant City Traffic Engineer	City of Chattanooga
Ware	Gary	C.	Mr.	P.E.	R & D Director	Swarco Industries
Warren	Joe	N.	Mr.	P.E.	Operations Specialist Supervisor	Tennessee Department of Transportation
Washing	Mark		Mr.	P.E.	Senior Traffic Engineer	Gresham, Smith & Partners
Watt	Edward	E.	Mr.	P.E.	Executive Vice President	Volkert & Associates, Inc.
Webb	Taylor					University of Memphis
Webster	Sarah	P.	Ms.			Vanderbilt University
Wegmann	Frederick	J.	Dr.		Professor	University of Tennessee-Knoxville
Weithofer	Robert	W.	Mr.	P.E.	Transportation Manager	Nashville Public Works Department
Welch	Jeffrey	A	Mr.	AICP	TPO Director	Knoxville TPO
Welch	Kimberly		Ms.			Tennessee Tech University
Whaley, Jr.	Richard	L.	Mr.		Retired	Retired
Whitaker	Brian	P.	Mr.	P.E.	Transportation Division Manager	Arcadis Geraghty & Miller
Whitehead	Benjamin	K.	Mr.	EIT	Engineer	Arcadis Geraghty & Miller
Williams	J.	Sta	Mr.		Planning Coordinator	Clarksville MPO
Williams	Joseph	L.	Mr.			University of Memphis
Williams	Maurey					University of Memphis
Williams, Jr.	Earl	C.	Mr.	P.E.		
Wilson	Megan	R.	Ms.	P.E.	Traffic Engineer	City of Cleveland
Winkler	Brad	S.	Mr.	P.E.	Lead Engineer	Long-Jackson & Associates, Inc.
Wiser	Cyrus	W.	Mr.	P.E.	Engineer	Wiser Company, LLC
Wolfe	Charles	A.	Mr.	P.E.	Operations Specialist Supervisor	Tennessee Department of Transportation
Yarbrough	James	W.	Mr.	P.E.		
Young	David	M.	Mr.	P.E.	Asst. Vice President	Volkert & Associates, Inc.
Young	Rob		Mr.			Tennessee Tech University
Zeigler	James	H.	Mr.	P.E.	Manager	Neel-Schaffer, Inc.

## **APPENDIX 2**

### **TENTATIVE 2007 TSITE MEETING SCHEDULE**

Winter Meeting:	<b>March 1</b>	<b>Annual Mtg. with Student Chapter Tennessee Tech. University - Cookeville, TN</b>
Spring Meeting:	<b>April 22-25</b>	<b>SDITE Annual Meeting Marriott Hotel - Knoxville, TN</b>
Summer Meeting:	<b>July 13-14</b>	<b>TSITE's annual Summer Meeting and Auction for Scholarship fundraising Fall Creek Falls State Park</b>
Fall Meeting:	<b>Oct. 14-16</b>	<b>Joint Meeting with APWA &amp; ITS – TN Austin Peay University – Clarksville, TN</b>
Fall Meeting:	<b>Nov. 14</b>	<b>Annual Meeting with Student Chapter Nashville, TN</b>

## APPENDIX 3

### Summary of Student Chapter Activities

#### ***Awards for the UTK Chapter: 2006***

2006 University of Tennessee ITE wins TSITE Student Chapter of the Year:  
Won by the chapter by authoring a comprehensive and detailed Student Chapter Annual Report.

2006 TSITE Scholarship \$1500:  
Won by both Manoel Castro-Neto and Shaun Quayle for their individual essays highlighting their research interests.

2006 TSITE Student Paper Award 1st Place:  
Won by Shaun Quayle for his paper dealing with red light cameras.

2006 Dwight David Eisenhower Graduate Fellowship:  
Won by Manoel Castro-Neto awarded by the U.S. Department of Transportation's National Highway Institute. The \$103,000.00 award covers tuition, stipend and travel expenses for three full years.

2007 TRB Annual Meeting Poster Presenters:  
Three UT-ITE members presented at the TRB meeting. Jan-Mou Li presented *Short or Long--Which Is Better? Probabilistic Approach to Cycle-Length Optimization*; Manoel Castro-Neto presented *Annual Average Daily Traffic Prediction Using Support Vector Machine with Data-Dependent Parameters*, and Jianwen Si presented *Effectiveness of Alternative Detector Configurations for Option Zone Protection on High-Speed Approaches to Traffic Signals*.

Submitted Chapter Reports (Appendix 6).

In the academic year of 2006, Vanderbilt's ITE Student Chapter had five meetings, consisting of 1 business/organizational meeting and 4 technical meetings. Two of our technical meetings were joint meetings with Vanderbilt's ASCE Chapter. We try to have approximately one meeting per month. Unfortunately, we did not have any students who attended the SDITE Meeting in Jackson, MS in April, 2006. We also had one field trip to TDOT's Traffic Management Center in the fall.

In summary, the five VU ITE Student Chapter Meetings had a total of 104 student attendees with an average of 21 students attending each meeting.

With approximately a 35-40 student population that demonstrate some level of transportation interest, the chapter is improving and making good "in-roads" (pardon the pun...) in developing transportation professionals. Interesting programs, professor encouragement, meeting announcements via emails, and strong marketing in transportation courses have helped accomplish much in 2006.

## APPENDIX 4

### Other Notables

Our website, [www.tsite.org](http://www.tsite.org), continues to be an excellent portal for information concerning the Section. The site is the official election tool for the on-line balloting process.

### **Monthly TSITE Meetings**

TSITE continues to encourage its members to attend one of the monthly or quarterly local meetings that are held in the state's metropolitan areas of Chattanooga, Knoxville, Memphis, and Nashville. Memphis has quarterly meetings and the other cities have monthly meetings. Local area meetings accounted for over 35 TSITE meetings in 2006.

Successful meeting planning allowed TSITE to maintain among the lowest dues in the District (\$15) while keeping the average 1-day meeting registration cost at \$25. Student registration at all meetings remains free and some travel / accommodations costs are covered.

### **Joint TSITE-ITS Georgia Meeting**

TSITE and the Georgia ITS chapter participated in September 2006 in a three-day joint meeting in Chattanooga. Tennessee began the organizational phase of establishing an ITS chapter at this meeting. Officers, bylaws, budget requirements and organizational details were established. The joint meeting provided an opportunity for attendees to survey a variety of ITS applications including freeway management, urban signal systems and arterial management, rural ITS applications, FHWA initiatives for commercial vehicle operations, parking information systems, incident management, weather monitoring and more. Participation and interest are encouraging as Tennessee's transportation professionals enhance their ITS knowledge base.

### **Scholarship Fund**

TSITE convened at Fall Creek Falls State Park June 23 and 24 for our annual summer meeting, complete with a break room and exhibits sponsored by supporting affiliates. About 70 members and guests were present. As always, the highlight of the meeting was the student scholarship auction with items furnished by members, their families and corporate contributors. \$4,546.00 was raised this year at the auction. In addition, the board voted to make a special one-time contribution of \$10,000 to the scholarship fund bringing the fund balance to over \$38,000. The Section now awards two (2) yearly \$1,500 scholarships to engineering students in Tennessee.

### **Student Scholarship Traffic Bowl**

TSITE's participants in the district Traffic Bowl have been selected and are students at the University of Tennessee-Knoxville. The students are Manoel Castro-Neto, Tarren Barnes, Hal Millegan, and alternate Airton Kohl.

### **Newsletter Contributions for Student Chapter Funds**

In an effort to expand the Section's support of student chapter functions and activities, the Section is continuing its program to accept donations for the production of the newsletter. The number of sponsors has increased from seven to 13. Funds raised by this effort are used to increase support to student chapters in such ways as offsetting student travel expenses to Section and District meetings.

### **Be in the Click Program**

TSITE has teamed with "Be in the Click", a school-based safety program that promotes seat belt usage among teenage drivers and passengers as well as among all motor vehicle occupants. The program has resulted in demonstrated increases in seat belt usage. In 2006, TSITE sponsored the program at three schools in Franklin, Greene and Henderson counties.

**Bill Kervin, P.E.**

The Tennessee engineering community lost a friend this year with the passing of Bill Kervin. Bill's professional career included public service directing engineering for the City of Athens and Knox County, several years as a consulting engineer, and teaching across the state with TTAP. In addition, he was a military veteran and reservist, returning in November 2005 from deployment in Iraq with the 278<sup>th</sup> armored cavalry regiment. He was a devoted husband and father and was active in the ministries of his church. We will miss his winsome cheerfulness and his eagerness to equip and encourage others engaged in engineering disciplines.

## APPENDIX 5

### Individual Member Activities

The Tennessee Section is proud of the accomplishments of its individual members in their technical and leadership pursuits. This year our members upheld a longstanding tradition of being active in the profession, with other organizations, and in their communities. Some of the activities of TSITE members in various areas follow.

#### **Steve Allen:**

While serving as President, Steve was promoted to Director of Project Planning Division for the Department of Transportation. Steve serves on the Board of Directors of "Be in the Click".

Graduate of Inaugural TDOT Executive Leadership Academy. Team Leader of TDOT Emergency Preparedness Plan. Presentation of Planning Process at Women' Transportation Seminar. Presentation of Road Safety Audit Reviews to Rural Planning Organizations. Presented Overview of TSITE to TDOT Commissioner Gerald Nicely. Presented Linking NEPA and Planning at the Southeastern Association of State Highway & Transportation Officials (SASHTO) in Atlanta. Presented Safety Program at Tennessee Incident Management / Highway Safety Conference. Conducted Joint Safety Audit with National Park Service (NPS), Eastern Federal Lands Highway Division (EFLHD), Federal Highway Administration (FHWA), Tennessee Highway Patrol and TDOT for the Tennessee side approach to the Cumberland Gap National Historical Park Tunnels.

#### **Ralph Comer:**

Was spotlighted in the September 2006 Tennessee Government Executive Newsletter for participation in the National Convoy celebrating the 50<sup>th</sup> Anniversary of the Eisenhower Interstate System.

#### **Bill Moore:**

Serves as Chairman of the Nashville Area Chamber of Commerce's Transportation Committee which is responsible to help set policy and project priorities in Transportation for the Nashville region. 2006 Transportation Committee's Outstanding Volunteer of the Year for the Nashville Area Chamber of Commerce.



**Carl Baughman:**

Vice-President of the newly formed Intelligent Transportation Society of Tennessee (ITSTN) for 2006.

**Bill W. Allen:**

Serves as a member of the Board of Directors of the Chattanooga Area Regional Transportation Authority which provides public transportation for the Chattanooga Area.

**Jack C. Marcellis:**

2006 President of Tennessee Chapter American Public Works Association (TCAPWA)

Conducted five TCAPWA Executive Committee Meetings. Presided over four day Annual Conference in Knoxville. Wrote six "Letters from the President" that appeared in Tennessee Public Works Magazine. Wrote two digest articles concerning membership that appeared in Tennessee Public Works Magazine. Participated in the two day APWA Region III/IV Meeting in Memphis. Attended APWA Annual Conference in Kansas City, MO. He was presented a proclamation from Tennessee Governor Phil Bredeson declaring the week of May 21-27, National Public Works Week. Received TCAPWA'S Tennessee Public Works Leader of 2006 Award.

**P. Brian Whitaker:**

ACEG of Tennessee – Transportation Committee Member. Attended NHI courses – Context Sensitive Solutions (CSS) – Atlanta, GA; and NHI Course – NEPA and the Decision Making Process – Nashville, TN. SASHTO Conference – Atlanta, GA; Mississippi Transportation Institute Conference – Tunica, MS. Promoted to Associate Vice President with ARCADIS – Chattanooga, TN.

**Arun Chatterjee:**

2006 Chairman of the Executive Committee of the Goods Movement Council of ITE and he is continuing in this position during 2007.

**W. Mark Geldmeier:**

Supervisor Training in Knoxville.

**Renny Stinson:**

Involved in International Municipal Signal Association (IMSA), received the Level II Traffic Signal Technician Certification and Level I Roadway Lighting Certification. Re-elected to the Associated Business Division SDITE, Board of Directors, and attended Alabama ITE Summer Meeting in Gulf Shores.

**Manoel Castro-Neto:**

Current president of the UT/ITE student chapter. 2006 Dwight David Eisenhower Graduate Fellowship, awarded \$103,000 by the U.S. Department of Transportation's National Highway Institute.

Three UT-ITE members presented at the TRB meeting:

Jan-Mou Li presented "Short or Long--Which Is Better? Probabilistic Approach to Cycle-Length Optimization".

Manoel Castro-Neto presented "Annual Average Daily Traffic Prediction Using Support Vector Machine with Data-Dependent Parameters".

Jianwen Si presented "Effectiveness of Alternative Detector Configurations for Option Zone Protection on High-Speed Approaches to Traffic Signals".

**Greg Judy:**

Attended Seminar: Revised ADA Guidelines – ITE Web Briefing. ITE International Meeting and Exhibit – Milwaukee, WI. ITE Young Professional Scholarship (\$1,000) to attend ITE Annual Meeting (1 of 10 nationwide).

**Samuel L. Parnell Jr.:**

Attended East Tennessee Engineers Week Annual Banquet.

Tennessee Society of Professional Engineers Monthly Meetings:

- Foundations Using Helical and Push Piers Foundations.
- PACE10: one year update on Progress and Results.
- Engineers without Boundaries.

Received Tennessee Society of Professional Engineers Knoxville Chapter "Distinguished Service Award". Member of University of Tennessee College of Civil and Environmental Engineering Board of Advisors.

**Anthony Todd:**

Conducted sessions on traffic in Johnson City's JC101 class offered to citizens twice a year. APWA, ITS Tennessee and IMSA member.

**Alan Childers:**

Taught CE 533, "Geometric Design and Layout of Roadways and Community Facilities", Summer 2006 for UT Department of Civil Engineering. Taught short courses for UT TTAP entitled "Traffic Calming" and "Intersection Design". Serving as Technical Program Chairman for SDITE 2007 District meeting in Knoxville. Serving as Chapter Author for "Roadside Design" chapter for new ITE publication "Urban Geometric Design Handbook" to be published in 2007.

**Bob Weithofer:**

TSITE & ITSA Georgia Conference presentation on Nashville's Way Finding Program. Attended:

- ITE Webinar, ADA Updated Guidelines for TOW
- ASCE Webinar, ASCE Knowing My Style
- FHWA Webinar, LED Signals & the Energy Policy Act
- FHWA MPO 101 training
- FHWA CMP Workshop

**Barry Alexander:**

Attended ITE Technical Conference and Exhibit – San Antonio, TX. Attended "Designing Accessible Pedestrian Facilities in the Public Right-of-Way" seminar – San Antonio, TX. Awarded PTOE certification April 10, 2006.

**Marshall Elizer:**

Secretary of the newly formed Intelligent Transportation Society of Tennessee (ITSTN) for 2006.

Attended American Planning Association (APA) 2006 National Planning Conference in San Antonio, TX: Presented "A New Urbanist Approach to context Sensitive Solutions".

Attended the Institute of Transportation Engineers (ITE) 2006 Annual Summer Meeting and Exhibit in Milwaukee, WI: Presented

- "Don't Make Me Turn This Car Around! – Public Way Finding in the Built Environment".
- "Guidelines for the Activation, Modification or Removal of Traffic Control Signals".

Attended APWA Annual Congress in Kansas City: Traffic Calming Design Guidelines (Panel Discussion).

**Lane Swauger:**

Attended the Institute of Transportation Engineers (ITE) 2006 Annual Meeting and Exhibit in Milwaukee, WI: Presented "State Route 386 Area Study".

Attended the Transportation Research Board (TRB) 10<sup>th</sup> National Conference on Transportation Planning for Small and Medium Sized Communities in Nashville, TN: Presented "Which Came First? The SR 386 Area Study".

**Rodney Chester:**

Attended the Institute of Transportation Engineers (ITE) 2006 Annual Meeting and Exhibit in Milwaukee, WI: Presented "Wireless Communications for Freeway Management: A Case Study".

**David Stansell:**

President of the newly formed Intelligent Transportation Society of Tennessee (ITSTN) for 2006.

**Himakara G. Borra:**

Treasurer of the newly formed Intelligent Transportation Society of Tennessee (ITSTN) for 2006.

**Mal Baird:**

Coauthored a paper published in the Transportation Research Record:

Kristen Shepherd, Malcolm Baird, Mark Abkowitz, and Fred Wegmann, "Transportation and Emergency Services: Identifying Critical Interfaces, Obstacles and Opportunities", Transportation Research Record: Journal of the Transportation Research Board, No. 1959, Transportation Research Board of the National Academies, Washington, D.C., 2006, pp. 55-64.

Moderated a workshop session at the 2006 TRB Annual Meeting:

Traffic Incident Management and Special Events Workshop, Washington, D.C., January 2006. Presentation at the Wisconsin Statewide Traffic Incident Management Conference: "Strategic Planning for Traffic Incident Management, Wisconsin Statewide Traffic Incident Management Conference", Wisconsin Rapids, Wisconsin. Presentation and moderated a session at the Tennessee Conference on Incident Management and Highway Safety: "Corridor Incident Management", Nashville, TN.

**Stephanie S. Ivey:**

Younger Member Chair/ West TN Branch ASCE.

Report: Developing A "Recruitment Toolbox" For Transportation Professionals. Jodi L. Carson, Ph.D., P.E. and Stephanie S. Ivey, Ph.D. Report Number SWUTC/06/167765, August, 2006.

ITE Transportation Education Council - Annual ITE Meeting & Exhibit – Milwaukee, WI.

**Bill Hays:**

Serves on the Regulatory/Warning Sign Subcommittee of the National Committee on Uniform Traffic Control Devices. Attended the annual winter meeting of NCUTCD in Washington, DC, and summer meeting in Overland Park, KS.

**Jeff Hammond:**

Attended APA Annual Meeting.  
Adjunct faculty – Lipscomb University.

**William Bowlby:**

Presentation: "*Quiet Pavements in Tennessee*" at Tennessee Quality Asphalt Initiative Conference, January 2006.

Presentation: "*Noise Compatible Land Use Planning*" at the Tennessee chapter of the American Planning Association (TAPA) Winter Retreat, February 2006.

Presentation/Demonstration: Interactive Sound Information System (ISIS) at the 2006 Federal Highway Administration (FHWA) Environmental Conference, Arlington, VA, June 28, 2006.

Workshop taught: 4-day training course on the FHWA Traffic Noise Model (TNM 2.5), California DOT, Pasadena, CA, January 2006.

Workshop taught: Co-taught 3-day pilot session of National Highway Institute course on Highway Traffic Noise that Bowlby & Associates co-developed, Florida DOT, Orlando, FL, February 2006.

Workshop taught: 4-day training course on the FHWA Traffic Noise Model (TNM 2.5) and 2-day Traffic Noise Fundamentals course, Franklin, TN, both taught in February 2006 and June 2006.

Workshop attended: Invited participant in the FHWA Accelerated Construction Technology Transfer (ACTT) Workshop for the H-1 Viaduct Reconstruction for Hawaii DOT, Honolulu, HI, April 2006.

Workshop organized, moderated and presented: Noise-Compatible Land Use Planning: A Program of Shared Responsibility, 10th National Conference on

Transportation Planning for Small and Medium-Sized Communities, Sponsored by Transportation Research Board Committee ADA30, FHWA, FTA, TDOT and the UT Center for Transportation Research, Nashville, TN September 2006.  
Workshop attended: One-day FHWA Tire/Pavement Noise 101 workshop at Tennessee DOT Region 3 office, Nashville, TN, December 2006.

Attend 85<sup>th</sup> Annual Meeting of the Transportation Research Board, Washington, D.C., January 22-26, 2006.

American Society of Highway Engineers, Tennessee Section, Tennessee DOT Long Range Plan, Nashville, TN, May 8, 2006.

American Society of Highway Engineers, Tennessee Section, Transportation Projects in Franklin, August 14, 2006.

Received American Council of Engineering Companies of Tennessee, 2006 Engineering Excellence Honor Award to Bowlby & Associates for Studies, Research, and Consulting Engineering Services: Tennessee DOT Type II Noise Barrier Needs Assessment and Program Development.

FHWA's "Partnership in Excellence Award" for participation in the ACTT Workshop for the H-1 Viaduct Reconstruction for Hawaii DOT, April 2006.

Featured in interview on traffic noise in *The Road Beacon*, Number 21, December 2006 (<http://www.roadbeacon.org/index2.html>).

**Martin Lipinski:**

Authored ASCE Policy 465: The Impact on Transportation Engineering Workforce Development, ITE Journal, January, 2006.

Presented Road Safety Audits for Locals, Milwaukee, WI, August 5, 2006

Safety and Operational Effects of Highway Design Features on Two-Lane Rural Roads, Atlanta, GA, August 16,17, 2006

Road Safety Audits, Harrisonburg, VA, May 23,24, 2006

Low Cost Safety Improvements, Columbia, SC, April 7, 2006

Serves on ITE Safety Council Executive Committee

ITE Education Council Executive Committee

ITE Goods Movement Council Executive Committee

AASHTO –TIG Road Safety Audit Committee

TRB Road Safety Audit Committee

ITE Item Preparation Committee for Certification Examinations

NCHRP Panel – Development of Highway Safety Course

Shelby Farms Context Sensitive Design Advisory Committee

Memphis MPO Safety Committee

Memphis Major Roads Task Force

Memphis Light Rail Steering Committee

Presented University of Memphis Transportation Center Initiatives, Delta Regional Authority, Little Rock, AR, April 4, 2006

The Context Sensitive Design Process and its Application to Shelby Farms,  
Society of American Military Engineers, Memphis, TN, June 14, 2006  
Session Moderator: Safety Session, ITE Annual Meeting, Milwaukee, WI  
Attended TRB Annual Meeting, Washington, DC, Jan 2006  
TRB RFID Conference, Washington, DC, April 2006  
International Ports and Terminals, New Orleans, LA, April, 2006  
ITE Mid-Year Meeting, San Antonio Texas, March, 2006  
ITE Annual Meeting, Milwaukee, WI, August 2006

**Thomas Urbanik II:**

Authored Castro-Neto, M, T. Urbanik, and L. Han, Evaluation of Alternative Permissive Periods on the Performance of Non-coordinated Phases in Coordinated Traffic Signal Systems, *Transportation Research Record (number pending publication)*, Washington, D.C., 2006.

Tian, Z. and T. Urbanik, Green Extension and Traffic Detection Schemes at Signalized Intersections, *Transportation Research Record (number pending publication)*, Washington, D.C., 2006

Smaglik, E, D. Bullock, T. Urbanik, and D. Bryant, Evaluation of Flow Based Traffic Signal Control Using Advanced Detection, *Transportation Research Record (number pending publication)*, Washington, D.C., 2006

Beaird, S., T. Urbanik, and D. Bullock, Traffic Signal Phase Truncation in the Event of Traffic Flow Restriction, *Transportation Research Record (number pending publication)*, Washington, D.C., 2006

Traffic Signal Systems Presentation, the University of Reno, September 21, 2006.

Chair, Traffic Signal Systems Committee, Transportation Research Board, National Academy of Sciences.

Advisor, Institute of Transportation Engineers Student Chapter

TTAP Workshops Conduct 3 one-day workshops on traffic signal timing in September and October 2006.

Member AREMA Technical Committee 36, Highway-Rail Grade Crossing  
Warning System.

Reviewer External review of Dr. Michael Lindell as a candidate for  
Distinguished Professor at Texas A&M University

Reviewer External review of Dr. John Leonard, for promotion to full professor  
at Georgia Tech

Taught Traffic Signal Detection Workshop to Wisconsin DOT, Madison, WI, March  
9-10, 2006.



## **APPENDIX 6**

- UT (The University of Tennessee) 2006 Student Chapter Report
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- VU (Vanderbilt University) 2006 Student Chapter Report
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- TTU (Tennessee Technological University) 2006 Student Chapter Report