



**TENNESSEE SECTION
INSTITUTE OF TRANSPORTATION
ENGINEERS**

2004 ANNUAL REPORT

**Prepared for the Southern District ITE
John Van Winkle, Chairman**

**Prepared by the Tennessee Section ITE
Anthony Todd, Past President
209 Water Street
Johnson City, TN 37601**

INSTITUTE OF TRANSPORTION ENGINEERS

Section Annual Report

for the period January 1, 2004 to December 31, 2004

for the Tennessee Section

Officers:

Current Officers and Committee Chairs:

President:	<u>Bill Kervin (Jeff Hammond – Acting)</u>
Vice President:	<u>Jeff Hammond</u>
Secretary:	<u>Steve Allen</u>
Treasurer:	<u>Steve Allen</u>
Section Representatives	<u>Greg Judy, John Van Winkle</u>
Technical Chair:	<u>John Sexton</u>
Membership Chair:	<u>Greg Judy</u>
Student Chapter Coordinator:	<u>Dawn Foster, Craig Hanchey</u>
Others:	
<u>Audit:</u>	<u>Steve Allen</u>
<u>Section Relations:</u>	<u>Jeff Hammond</u>
<u>Awards, Scholarship, and Nominations:</u>	<u>Anthony Todd</u>
<u>Motorcycle Red Light Law:</u>	<u>John Van Winkle</u>

President Absence

Around the District, many have heard that this year's Tennessee Section President, Bill Kervin, has been deployed in his role as a Sergeant Major in the Tennessee National Guard's 278th Regimental Combat Team. After training across the United States since April, the unit departed Camp Shelby, Mississippi on Veterans' Day for a yearlong stint in the Middle East. Our prayers are with Bill and all of our troops serving on our behalf.

Membership:

Number	Membership Grade	Section Annual Dues Rate
<u>1</u>	Honorary	<u>\$ 0.00</u>
<u>12</u>	Fellow	<u>\$ 15.00</u>
<u>17</u>	Fellow Life	<u>\$ 15.00</u>
<u>31</u>	Member 10	<u>\$ 15.00</u>
<u>76</u>	Member	<u>\$ 15.00</u>
<u>3</u>	Member Life	<u>\$ 15.00</u>
<u>14</u>	Associate 10	<u>\$ 15.00</u>
<u>87</u>	Associate	<u>\$ 15.00</u>
<u>2</u>	Institute Affiliate	<u>\$ 15.00</u>
<u>41</u>	Student Member	<u>\$ 0.00</u>

Section Affiliates [List Each Type]:

<u>20</u>	<u>Section Affiliate</u>	<u>\$ 15.00</u>
-----------	--------------------------	-----------------

Outreach Efforts

Over the last few years TSITE has seen significant growth in membership and attendance at meetings. The section’s goal is to increase the educational opportunities through section meetings and offering PDH certificates following each technical program. There has been greater coordination between other organizations in engineering, planning, public works, and vendors to create a more broad appeal.

Financial:

Does your section have a Federal Employer Identification Number?

Yes No

If yes, what is the number? 33-1015132

Balance of Funds on hand at the Beginning of the Reporting Period: \$ 7,717.41

Income for the Reporting Period:

Membership Dues	\$ <u>2,670</u>
Gross Income from Meetings	\$ <u>4,253</u>
Investment Income	\$ _____
Advertising Income	\$ <u>50</u>
Other Principal Sources of Income (please list below):	
<u>2002/2003 APWA Mtg</u>	\$ <u>1,600</u>
<u>Scholarship Auction</u>	\$ <u>3,030</u>
Total Income:	\$ <u>11,603</u>

Expenditures for the Reporting Period:

Newsletter Printing/Postage	\$ <u>438.91</u>
Travel	\$ _____
Meetings	\$ <u>4,693.98</u>
Special Projects	\$ _____
Awards	\$ <u>1143.43</u>
Other Expenditures:	
<u>Deposit to Scholarship</u>	\$ <u>3,030.00</u>
Total Expenditures:	\$ <u>9,534.81</u>

Net Income (Expense) \$ 2,248.19

Balance of Funds on hand at the End of the Reporting Period: \$ 9,785.60

Efficient Use of Funds

As budgets get tighter and costs increase TSITE has continually looked for new ways to cut costs without cutting benefits. Through our broad use of e-mail, the web site (tsite.org) and pre-registration for meetings, there has not been a dues increase since 1990. The fund balance has increased while the use of funds for student related activities has also increased. The section will begin voting on-line for officers and by-laws changes in 2005, which will further reduce costs.

The web site for TSITE is a very useful tool for the board and the membership. It is kept current and has relevant information on meetings, the organization, officers, committees, committee chairmen. It has a quandary of links and documents that are helpful to students and members to make them aware of competitions and opportunities in transportation. The newsletters are

thorough and informative with a calendar for ITE and other transportation related meetings. A few sample pages off the web site and two newsletters are attached.

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

Yes No

On-Line Voting

Having approved the decision of moving towards a web-based balloting procedure and drafting the necessary by-laws changes in late 2003, the membership voted overwhelmingly in July to allow on-line voting. We look forward this year to conducting our first vote using the new procedure. The goal of this effort is to increase the number of ballots cast by making it easier and quicker to vote. A secondary benefit is an estimated savings of over \$200 in postage costs. (attached)

Technical Activities:

List Projects underway by title and, if available, provide expected date of completion:

Began working with several organizations to develop a high school awards program, headed by John Tidwell, which is expected to be implemented in 2005. (attached)
“Geometric Design for Urban Roadways.” (Roadside Design Chapter for new ITE handbook).
by Alan Childers, anticipated publication date in 2005.

High Schools Safety Award

Discussions began this year about a new program geared towards promotion of roadway safety for 16-18 year olds. Traffic crashes are the leading cause of death in this age bracket and we hope to increase awareness of the issue through a statewide safety competition. The program is under development and partnering talks with the Tennessee Departments of Transportation and Safety have been favorable.

List Projects by title which were completed during this reporting period and, if available, attach a copy of the report:

“Traffic Signal Timing and Phasing Policy.” For Metropolitan, Nashville and Davidson County Department of Public Works – Engineering Division. Adopted October 1, 2004 by Chris Rhodes
"Encouraging Professionals to Teach University Classes." Written for the American Society for Engineering Educators. It will likely be published in the ASEE SE Section Annual Conference Publications by Steve Meyer and Edwin Foster
“Freight Transportation Planning for Urban Areas.” December 2004, ITE Journal by Arun Chatterjee

Legislative Activities during this reporting period:

The Motorcycle Red Light Committee has been working closely with International ITE to address the issue of small vehicle detection. Concluding this year.

TSITE has representation on the Statewide LRTP Steering Committee
Motorcycle Red-Light Committee

Thanks to the efforts of Tennesseans concerned about new state legislation that allows motorcycles to proceed through a red signal after waiting a “reasonable” time for detection, ITE has taken up the issue. As a result of this committee’s work through the ITE International

Government Affairs Office, at the International Board Meeting in January, ITE drafted a resolution that states the intent of ITE to investigate and promote detection systems that will provide safe intersection operation for all road users. Only two states have such laws for motorcycles and the Tennessee Section is proud of its quick action in bringing this issue to national attention.

Statewide LRTP Participant

TSITE is participating in the state's first statewide comprehensive transportation plan through representation on the Statewide Steering Committee. One of approximately 50 organizations, we aim to provide balanced input to assure the maintenance and growth of a safe, well-rounded transportation system.

Meetings held during this reporting period:

Purpose: Technical, business and involve students Attendance: 60

Agenda:

Wain Gaskins, City of Memphis; Memphis-Area Transportation, "What's in the Works?"
Tom Fox, MATA; Memphis' Light-Rail System
Dr. Marty Lipinski, University of Memphis; Road Safety Audits: The State of the Practice
Kenny Monroe, Kimley-Horn; TDOT's Railroad Crossing Inventory Program
Barry Alexander, Neel-Schaffer; Transportation Improvements in Jackson, TN
Doug Duke, Kimley-Horn; Germantown Red-Light Cameras: Are they Effective?

Date: 5/6/04 Location: University of Tennessee - Chattanooga

Purpose: Technical, business and involve students Attendance: 55

Agenda:

Welcome by Dr. Phil Kazemersky, Dean of UTC College of Engineering and Computer Science
John Van Winkle and Jeff Pfitzer, City of Chattanooga "21st Century Waterfront Development"
Brian Reynolds, PBS&J, "Chattanooga's 4th Street Extension"
Gerald Bolden, PBS&J, "Interchange Alternative Analyses"
Brian Whitaker, Arcadis, "High-Speed Trains for Tennessee"
Mike Howard, Hamilton County, "Enterprise South Industrial Park"
Steve Meyer, Volkert Inc., "Update of Chattanooga's ITS"

Date: 7/9-10/04 Location: Fall Creek Falls

Purpose: Technical, business, board, auction, involve families, and involve students

Attendance: 50

Agenda:

Manoel Castro-Neto, UTK: "Real Time Progression vs. Band with Fixed Time Progression in Low Traffic Demand Periods (Case Study)"
Salvatore Sarcona, UTK: "Pedestrian Facilities for Individuals with Disabilities"
Ed Cole, TDOT Environment and Planning: "Update on TDOT Planning Initiatives"

Date: 10/7/04 Location: Pigeon Forge Community Ctr.
Purpose: Technical, business and involve students Attendance: 65
Agenda:

Carl Baughman, City of Franklin: “A Data Collection Method for Red Light Running” (2004 SDITE Sponsored Technical Paper Winner)
Melany Noltenius, UT: “Is Mass Transit a Possibility in East Tennessee?” (2004 SDITE Non-Sponsored Technical Paper Winner)
Kelley Segars, Knoxville Regional TPO: “Pedestrian Audits and Community ‘Walkability’”
Bill Knee, National Transportation Research Center: “Current Transportation Research at ORNL”
Dave Rosen, Quixote Traffic Corporation: “UPS’s for Traffic Control and ITS”
Pedestrian Audit Walking Tour (led by Kelley)

Student Chapter Activities during this reporting period:

Held the Winter Meeting in Memphis to involve the University of Memphis and Christian Brothers University students.
Awarded \$250, \$100, and \$50 student paper awards to students. 1st place went to a student at UT, 2nd place was taken by a student at TTU, and 3rd place was claimed by a UT student. Two of the winners presented their papers at a TSITE meeting.
Awarded two \$1,500 scholarships to students at UT.
Provided speakers for student chapter meetings.
Provided transportation and waived meeting fees for students attending.
The Board voted to increase both scholarships beginning in 2004 to \$1,500.
The Board chose a meeting location in Memphis for the Winter Meeting in 2004 and will be meeting in Nashville near Vanderbilt University to promote attendance and participation by students.
Began selling sponsorships for the web site and newsletter to fund student activities.
UT: <http://web.utk.edu/~ite/>; TTU: <http://orgs.tntech.edu/ITESC> for student activities.

Scholarship Challenge

Tennessee members join the rest of the District in enthusiastic thanks to the ABD and the Temple family for bringing this issue to us. A policy was drafted and approved which guides the allowances for Tennessee’s participation at the first Temple Scholarship Challenge. We look forward to showcasing the best and brightest from the University of Tennessee in Savannah this spring! (Draft attached)

Scholarship Renamed

TSITE annually awards two student scholarships of \$1,500 each. In July, one of these awards was renamed the William L. Moore, Jr. Student Scholarship in honor of this long-time member and TDOT chief engineer. A framed proclamation was presented to Mr. Moore before awarding the first scholarship.

Scholarship Fund

TSITE has been holding an auction once per year usually at its Summer Meeting. The event was held at Fall Creek Falls this year and drew many members. As a result, TSITE raised \$3030. TSITE's scholarship fund now contains over \$31,000.

Awards Presented during this reporting period:

Form of the Award: Plaque
Award Name: Volunteer Distinguished Service Award
Recipient's Name: John Van Winkle
Purpose of Award: Presented to an individual who, over a period of years, has contributed outstandingly to the advancement of the transportation both at the Tennessee Section and at District 5 levels.

Form of the Award: Plaque
Award Name: Tennessee Outstanding Individual Award
Recipient's Name: Jeff Hammond
Purpose of Award: Presented to an individual who, over the previous year, has contributed significantly to the advancement of the transportation profession and at both the Tennessee Section and Southern District (District 5) levels.

Form of the Award: Plaque
Award Name: Jack B. Humphreys Young Member Award
Recipient's Name: Chris Rhodes
Purpose of Award: Presented to an individual who, is 35 years of age or less and, over a period of 1 year, has contributed outstandingly to the advancement of the transportation profession in the Tennessee Section and District 5.

Form of the Award: Plaque
Award Name: Robert Stammer Student Chapter Award
Recipient's Name: University of Tennessee
Purpose of Award: Presented to a Student Chapter who, for the school year, has contributed outstandingly to the advancement of the transportation profession in the Tennessee Section.

Form of the Award: \$1,500 Scholarship and Plaque
Award Name: William L. Moore, Jr. Student Scholarship
Recipient's Name: Benji Whitehead
Purpose of Award: Awarded to engineering or planning student enrolled at a university within the state of Tennessee and who has demonstrated a strong commitment to the transportation profession.

Form of the Award: \$1,500 Scholarship and Plaque
Award Name: TSITE Student Scholarship
Recipient's Name: Manoel Castro Neto
Purpose of Award: Awarded to engineering or planning student enrolled at a university within the state of Tennessee and who has demonstrated a strong commitment to the transportation profession.

Form of the Award: \$250 and Plaque
Award Name: TSITE Student Paper First Place Award
Recipient's Name: Manoel Castro Neto
Purpose of Award: Recognition of the best student paper submitted in the
Tennessee Section competition.

Form of the Award: \$100 and Plaque
Award Name: TSITE Student Paper Second Place Award
Recipient's Name: Sathya Sudhakar
Purpose of Award: Recognition of the second best student paper submitted in the
Tennessee Section competition.

Form of the Award: \$50 and Plaque
Award Name: TSITE Student Paper Third Place Award
Recipient's Name: Salvatore Sarcona
Purpose of Award: Recognition of the third best student paper submitted in the
Tennessee Section competition.

Other Activities:

Members of TSITE have always been active in the transportation engineering profession and in their communities. In addition to ITE meetings, TSITE members also attended meetings with other organizations including AASHTO, APWA, ASCE, ITS America, TSPE and SAME.

Presentations that members made this year include:

- Taught Transportation Engineering Course at UT Chattanooga, by Fritz Brogdon, Karen Headlee, David Mc Farlin, Steve Meyer, and John Van Winkle
- “Careers in Transportation Engineering” presented to Tennessee Technology ITE Chapter by Jason Carder
- “An overview of the Context Sensitive Solutions (CSS) Process: Managing Expectations and Defining Consensus” to the US 321 (SR 73) Resource Team, Gatlinburg, May 17, 2004 by Joseph Chester
- “Legislature Presentation – TN Multimodal Long Range Transportation Plan” by Joseph Chester
- “Context Sensitive Solutions/Design” to the TDOT Environmental Advisory Council, January 8, 2004 by Joseph Chester
- “Context Sensitive Solutions/Design: Understanding and Applying CSS” to TDOT Project Management staff assigned to the SR 126 (Memorial Boulevard) CSS project in Kingsport, TN; October 1, 2003 by Joseph Chester
- “Context Sensitive Solutions – A Retrofit Case Study, 321 (SR 73), to the Tennessee, APWA fall conference, October 2004 by Joseph Chester
- “Overview of Context Sensitive Solutions” to the Nashville Area MPO Planning and Design Staff in September 2003 by Joseph Chester
- “Project Staff- Public Involvement Plan – TN Multimodal Long Range Transportation Plan” by Joseph Chester
- “Context Sensitive Solutions” by Alan Childers, March 2004
- “Design of Atgrade Intersections” by Alan Childers
- “Geometric Design of Roadways and Community Facilities” by Alan Childers
- “Innovations in Transportation” by Alan Childers, March 2004

- Clarksville Sidewalk Plan to Tennessee Technology ITE Student Chapter by Dyan Damron
- “How to prepare a Traffic Study” presented to Tennessee Technology ITE Student Chapter by Dyan Damron
- “Urban Geometric Design Handbook” by ITE, edited by Marshall Elizer
- “Access Management” presented to Morristown MPO by Jeff Hammond
- “MUTCD Updates” presented to Vanderbilt University Student Chapter by Jeff Hammond
- “TSITE organization/benefits” presented to Tennessee Technology’s Student Chapter by Jeff Hammond
- Signal Timing Training Class for Metro Nashville, Public Works Staff by Chris Rhodes
- “Update on the ITS Project in Chattanooga.” To the Chattanooga chapter of TSPE in December by Steve Meyer
- “AARP Driver Safety Program” as a volunteer in Nashville, Hendersonville, and Goodlettsville by John Tidwell
- Taught Semiannual “JC101” classes on traffic operations to citizens in Johnson City by Anthony Todd
- “Chattanooga’s Neighborhood Traffic Management Program” at the Tennessee ASCE Annual Meeting in Smyrna in September by John Van Winkle
- “Chattanooga’s Neighborhood Traffic Management Program” to community groups in Chattanooga throughout the year by John Van Winkle
- “Chattanooga’s Roundabout Program” to the Chattanooga’s Advisory Council on Traffic Safety in October by John Van Winkle
- City of Chattanooga’s 21st Century Waterfront Development Project at the Spring ITE meeting in May by John Van Winkle
- Conducted annual field tours of the Chattanooga Sign and Signal Shops for the Chattanooga School for the Arts and Sciences and for the Chattanooga School for the Liberal Arts by John Van Winkle
- “Roundabout Design” to the Chattanooga ASCE Chapter in September by John Van Winkle
- “Roundabout Design” to the Chattanooga Transportation Club in April by John Van Winkle
- Transportation Engineering for careers fair at Chattanooga School for the Arts and Sciences in March by John Van Winkle

Attendance by Members to Seminars to stay abreast of recent transportation topics in 2004.

Some attended by one or more members include:

- Air Quality Conformity Workshop
- ALSITE Meeting
- APA Meeting in Chattanooga
- ASCE Web Seminars
- Caliper TransCAD Training
- “Engineers Day on the [Capital] Hill” in Nashville
- FHWA Interchanged Justification Studies
- FLSITE Meeting
- Monthly TSPE Middle Tennessee Chapter Meetings
- Quarterly Chattanooga Advisory Council on Traffic Safety Meetings
- SDITE Board Meetings

- TAPA Winter Retreat
- Tennessee ASCE Annual Meeting
- Tennessee Chapter APWA Board Meetings
- TDOT Statewide Steering Committee for LRTP, Nashville
- TSITE is always well represented at District 5 and international meetings.
- TSITE Monthly Regional meetings in Nashville, Knoxville, and Chattanooga
- TSITE Quarterly Regional Meetings in Memphis
- TTAP CSS Seminar
- Training on Marc NX
- TRANSP0 2004
- Travel Demand Modeling with TransCAD
- Transportation and Public Health
- Transportation Research Board
- Weekly Town Planning Classes in October and November in Nashville

Awards and honors given to members this year include:

- Outstanding Sponsored Technical Paper Award from District 5 ITE, Carl Baughman
- Nominated to NSPE's New Faces of Engineering, Dyan Damron
- Member selected to participate in ITE's Best Practices Tour in Europe, Preston Elliott
- Award of Excellence in Transportation Engineering, Jeff Hammond
- Tennessee Section Award by TSITE, Jeff Hammond
- Adjunct Faculty Service Award by UTC School of Engineering, Steve Meyer
- Student Technical Paper Award from District 5 ITE, Melany Noltenius
- 2004 Government Engineer Award from Tennessee Chapter of ASCE, Cindy Pionke
- Best Promoter of Quality by Kimley-Horn, Chris Rhodes
- Jack B. Humphrey's Award by TSITE, Chris Rhodes
- Chi Epsilon Chapter Honorary Member inductee at Vanderbilt University, Bob Stammer
- Volunteer Distinguished Service Award from TSITE, John Van Winkle

Positions held as officers of any professional organization.

- Member of Executive Committee of ITE's Good's Movement, Arun Chatterjee
- Co-Chair 2005 Engineering Excellence Awards, ACEC, Joseph Chester
- American Public Works Association Director-At-Large to the Board of Directors, Marshall Elizer
- Member Tennessee Officials Certification Board, Jack Marcellis
- Vice President, Tennessee Chapter American Public Works Association (TCAPWA), Jack Marcellis
- Chairman of the Chattanooga/Hamilton County Air Pollution Control Board, Steve Meyer
- President of the Chattanooga Chapter of the American Council of Engineering Companies (ACEC), Steve Meyer
- Marketing Specialist (Volunteer) AARP, Driver Safety Program for Tennessee, John Tidwell
- Southern District Awards Committee Chairman, John Van Winkle