President’s Message
By Kenny Voorhies (Georgia)

I would like to thank all of you who helped make the 2000 Southern District Annual Meeting in Greenville, SC a great success. There are too many of you to name here, but I particularly want to thank Roger Dyar and Gaye Sprague for leading the effort. I believe that the “Showcase of States” was successful and that we should continue the Showcase as part of the technical program in future Annual Meetings. I have received only positive feedback. Please let me know of any comments or suggestions for improvement.

It is my observation that two major themes are coming into focus in our District and nationally: 1) the role of transportation in “quality of life” issues, such as smart growth and air quality and 2) operations and management of the transportation system. There are numerous sessions on these topics at the upcoming International Meeting. Any papers on these subjects will be welcomed as content for this newsletter or as presentations at the 2001 Annual Meeting in Williamsburg, VA.

And a final note, please attend the International Meeting in Nashville from August 6-9. It isn’t often that the meeting is in our District and so convenient for us to attend. I know the Tennessee Section has put in a tremendous effort to host the Meeting and I know it will be an exceptional meeting.

International Director’s Message
By Richard Atkins (North Carolina)

It’s truly an honor to have the opportunity to represent you on the ITE Board of Directors. Following my orientation session in November 1999, I was appointed to serve on the ITE Budget Committee for 2000 and attended my first Budget Committee meeting on March 31, 2000, in Irvine, California. I am pleased to report that we are in sound financial condition. The results of the 1999 audit indicated that our net income for 1999 was $425,824. This is a record for ITE. My first official Board Meeting was on April 1, 2000. Highlights of actions taken at this meeting are as follows:

- Approved Vancouver, Canada, as the site of the 2010 ITE Annual Meeting.
- Determined that no district boundary changes were necessary at this time.
- Approved budget amendments that included operating funds for the ITE headquarters staff relocation and web enhancements.
- Approved $25,000 grant to the Transportation Certification Board to further define the requirements of the Traffic Operations Practitioner certification program, to conduct a market survey for acceptance of the program, to determine the need and content of an associated education program, and to develop a marketing plan.

continued on Page 11
The 49th Southern District Annual Meeting will be held on April 22-25, 2001, at the Williamsburg Marriott. Mark your calendar now and plan to attend next year’s meeting. The Local Arrangements Committee has been organized and is already busy planning next year’s meeting. Look forward to an excellent technical program, spouse/guest program, and Monday night ABD event. Plan to come early or stay after the meeting to enjoy the many attractions historical Williamsburg and the surrounding area has to offer. In addition to Colonial Williamsburg, Busch Gardens will be open, and Jamestown and Yorktown are a short drive away. Williamsburg also offers an impressive array of shops, outlets, and boutiques. More specific information on the meeting will be available in the next newsletter. Should anyone have any questions in the meantime, please feel free to contact Lynn Allsbrook at (757) 726-2930 or by e-mail at lallsbro@city.hampton.va.us.

Call for Abstracts

The Southern District’s Technical Council invites you to submit an abstract of a paper you would like considered for presentation at upcoming Annual Meeting in Williamsburg, VA, April 22-25, 2001. Since the development of the technical program is ongoing, an abstract on any paper related to transportation will be considered for inclusion in the program. The abstract should be 250-300 words in length and be no more than one typed page. The name, title, mailing address, phone number, fax number, and e-mail address (for multiple authors, the person presenting the paper) must appear on the abstract. The deadline for submittal is October 1, 2000, and it is anticipated you will be notified no later than Feb. 1, 2001. Please send original plus seven (7) copies to: Gene Arnold, Chair SDITE Technical Council c/o VA Transportation Research Council 530 Edgemont Road, Charlottesville, VA 22903 Please address any questions to Mr. Arnold at 804/293-1931, FAX 804/293-1990, or email garnold@vdot.state.va.us.

Upcoming SDITE Annual Meetings

The Southern District has a rich heritage of conducting informative and educational Annual Meetings, mixed with plenty of social occasions for members to learn from each other. Upcoming Annual Meetings will be held at the following sites:

2001 — Williamsburg, VA, Williamsburg Marriott
2002 — New Orleans, LA, District’s 50th Anniversary
2003 — Winston-Salem, NC
2004 — Covington, KY
2005 — Savannah, GA
2006 — Ocean Springs, MS
Call for Technical Papers and Committee Reports

SDITE Technical Council has issued a call for technical papers and reports to compete for the District’s Outstanding Sponsored Technical Paper, Outstanding Non-Sponsored Technical Paper, and Best Technical Committee Report.

Technical Papers. The term “Sponsored” implies that the paper was prepared essentially as part of the author’s job responsibility and on company time. The term “Non-Sponsored” implies that the paper was prepared on the author’s own time and essentially apart from your job responsibility.

To qualify the paper must meet the following requirements:
1. The authors shall be a members of the Southern District.
2. The paper shall be typed, double-spaced, on one side of the page, and shall be a minimum of 1,500 words in length.
3. The paper shall have been completed since Dec. 1, 1999.
4. The original and seven (7) copies shall be submitted no later than December 1, 2000 (see below).
5. The cover letter should clearly state when the paper was completed and whether the paper is being submitted for the sponsored or non-sponsored award with an explanation of definitions pertaining to the category choice.

Papers will be judged on the basis of originality (20%), significance (20%), scope (15%), validity (20%), applicability (15%) and organization (10%). $150 and $50 will be awarded to the winner and runner-up in each category.

Technical Committee Reports. To qualify for the competition, the report must meet the following requirements:
1. The report shall be written by a technical committee officially established by a Section in the Southern District.
2. The report shall be typed, double-spaced, on one side of the page, and shall be a minimum of 1,500 words in length.
3. The report shall have been completed since Dec. 1, 1999.
4. The original and seven (7) copies shall be submitted no later than December 1, 2000 (see below).
5. Cover letter should state when the report was completed.

Reports will be judged on the basis of originality (20%), significance (20%), scope (15%), validity (20%), applicability (15%) and organization (10%).

Papers and reports should be submitted to Gene Arnold, Chairman, SDITE Technical Council, c/o Virginia Transportation Research Council, 530 Edgemont Road, Charlottesville, VA 22903. Please address any questions to 804/293-1931, FAX 804/293-1990, or email garnold@vdot.state.va.us.

2001 Officer Elections

Elections for Year 2001 SDITE officers were held during the annual District meeting in Greenville. Ballots were tabulated during the meeting. Bob Mabry (DS) chaired the nominations committee and the tellers committee was headed by Rodney Chester (TN) and Brian Bolick (GA). Congratulations to the following 2001 SDITE officers:

President:
Jim Meads (AL)

Vice-President:
John Van Winkle (TN)

Secretary-Treasurer:
Stan Polanis (NC)

2000 Southern District Officers

President: Kenny Voorhies
(404) 364-8183
voorhies@pbworld.com

Vice President: James Meads
(205) 940-6420
jimmends@sain.com

Secretary/Treasurer: John Van Winkle
(423) 757-5005
vanwinkle@mail.chattanooga.gov

Incoming Secretary/Treasurer : Stanley Polanis
(336) 727-2707
stanp@ci.winston-salem.nc.us

Past President: Slade Exley
(601) 948-3071
sexleysr@aol.com

ITE International Director: Richard Atkins
(336) 851-1006
ratkins@neel-schaffer.com
Highlights of 2000 SDITE Annual Meeting

A highly successful and enjoyable SDITE Annual meeting was held April 16-19 at the Hyatt Regency Hotel in Greenville, SC. Over 200 ITE members participated in the meeting which included a Keynote Address by Congressman Jim DeMint, twelve technical sessions, ABD Exhibits and functions, business meeting, Annual Banquet and numerous other activities. Roger Dyer served as General Chair of the Local Arrangements Committee and was assisted by a host of volunteers including:

Gaye Sprague - Finance
Mike Ridgeway - Hotel Arrangements
Dr. David Clarke - Meals/Functions
Dr. Ed Clark - Technical Program
Phillip Carter - ABD Liaison
Perry Farmer - ABD Liaison
Bruce Brigman - Consultant Liaison
Brett Wallace - Registration
Carla Fry - Printing/Promotions
Ivan Lollis - Signs/Graphics
Peter Strub - Transportation
Bobby Steading - Session Arrangements
Carol Jones - Special Guests
Pat Flemming - Special Arrangements

In addition, special assistance in hosting the Annual Meeting was provided by Wayne Sarasua (& students), Mike Busch, Gary Thompson, Betty Steading, Mary Anne Ridgeway and Lesa Dyar. Highlights of the Greenville meeting include;

• 28 technical presentations and two panel sessions.
• “Showcase of States,” new technical series featuring presentations of outstanding projects and innovative practice form each of the states in the Southern Dist.
• Participation of special guests, including ITE International Vice President, Steven Gayle and ITE Executive Director, Tom Brahms.
• Campaign speeches by 2001 International ITE Vice President candidates Steve Hofener and Jenny Grote.
• Submittal of ten technical papers for the District Student Paper Competition and eight annual reports for the District Student Chapter Award.
Recognition of District supporters and presentation of awards during the banquet is always a high point of the Annual Meeting. This year’s award recipients include:

**Past Service Award**
Gaye Sprague

**Student Paper Competition**
- Winner: Elisabeth Hahn, Univ. of Tennessee
- Runner-Up: Brian Revels, Univ. of Virginia

**Student Chapter Award**
- Winner: University of Kentucky
- Runner-Up: Clemson University

**Outstanding Sponsored Technical Paper**
- Winner: Martin Bretherton, Jr. “Multi-way Stops - The Research Shows the MUTCD is Correct!”
- Runner-Up: Steven M. Henderson & Nikiforos Stamatiadis “Use of U-Turns to Improve Traffic Flow Along Urban Arterials”

**Joseph M. Thomas Outstanding Young Member Award**
Karen Mohammadi

**Marbel J. Hensley Outstanding Individual Activity Award**
Gene Arnold

**Herman J. Hoose Distinguished Service Award**
Gaye Sprague

**Outstanding Section Award, Group 1**
- Winner: North Carolina Section
- Runner-Up: Georgia Section

**Outstanding Section Award, Group 2**
Deep South Section

Marble Hensley presents Gene Arnold with the Marble J. Hensley Outstanding Individual Activity Award.
**Smart Growth - What’s in it for Transportation Professionals**

*By Martin Bretherton (GA)*

Summary of a Pannel Discussion held during the 2000 Southern District Annual meeting with the following panel members:

J. Richard Atkins, Presiding, Neel-Schaffer, Inc.
Douglas B. Robert, Traffic Engineer, Jefferson Parish, LA

_Smart Growth_ is a subject that many persons across a broad range of backgrounds and interests are discussing, debating and trying to define. Topics such as: What is smart growth? How do you relate transportation and land use to produce livable communities? What role do the various professions such as land development, transportation, urban planning, environmentalists and politics play in defining and achieving smart growth? -All are legitimate and important topics in trying to address and define the issue.

The Southern District at its most recent meeting in April 2000 sponsored a session on Smart Growth. This session featured three panelists - a State DOT Environmental Planner, the Executive Director of a Metropolitan Transportation Authority and a traffic operations engineer with a large local jurisdiction. The panel was moderated by Richard Atkins, retired (1999) transportation director of a medium size city.

**Why the Concern?**

Perhaps some background in why the concern with smart growth is appropriate here. As Laurie Cove expressed there is a realization that: “rapid growth, especially in outlying areas coupled with not enough money to solve the congestion problem” dictated that state government begin to address the problem. Howard Chapman used the results of the S.C. Governor’s Growth Summit to indicate concern at the metropolitan level - the anticipated increase of population in Charleston of 250,000 people in the next 30 years, but, more significantly, while population between 1973 and 1994 increased by 40%, the urbanized land area increased by 250%! Doug Robert posed a somewhat different approach with the statement: “Congestion is positive” and stressed the thought that “people are not ready for compromise.” These three statements by three different transportation professionals perhaps best explains our dilemma:

*How do we define smart growth in such a way that the general public will accept the compromises that will be necessary to achieve the goal?*

**Defining what Smart Growth Is**

Before one can arrive at a solution to the problems of current development and traffic congestion, he/she must formulate what approaches will help solve the problem. If the problem is ever increasing vehicle registrations and vehicle miles of travel by private automobile with the consequent high levels of congestion and air pollution, then what elements of smart growth can provide an effective solution? Laurie Cove of the N.C. DOT says directing growth to produce livable communities includes: (1) development where housing, jobs, and schools are within walking distance; (2) slower traffic speeds and dispersed traffic patterns; (3) development of sidewalks, bikeways, and alternative modal infrastructure; (4) mixed land uses within communities and (5) the preservation of natural features are those elements that NCDOT will perusal. Howard Chapman comments from the Growth Summit: (1) defining places to encourage growth; (2) development and application of community standards; (3) the development of “hub communities” which blend the old with the new; (4) strengthen transit options; (5) develop walkable communities; and (6) encourage “in-fill development” rather than suburban sprawl. Doug Robert expressed frustration in trying to solve the urban traffic problem and stressed the need for balance - “more Goal-based balance.” “Goals do not align; we don’t know how to balance anymore.”

**How Do We Get There?**

Panelists generally agreed that smart growth is desirable and as transportation professionals, we need to encourage smart growth. Some strategies postulated by Laura Cove included:

- designing with pedestrians, cyclists and transit in mind;
- creating incentives for in-fill and revitalization;
- integrating land use & transportation on a regional scale;
- creating “true” neighborhoods; and
- defining limits to urban growth.

Laura indicated that some aspects of smart growth legislation had been implemented in Maryland, Virginia, Tennessee, South Carolina, Georgia, and Florida. In North Carolina, the legislation includes preserving natural area improving air quality and revitalizing urban centers. Howard Chapman reported that in Charleston, South Carolina the comprehensive plan identifies growth areas, an urban boundary line, and purchase of development rights to preserve open space. Doug Robert stressed that _a basic American freedom is to go_ and that the public does not understand how interwoven is the funding of public improvements. Howard Chapman quoted statistics from a Survey by the National Home Builders Association which emphasize challenges to
be overcome in smart growth legislation:

- 54% of respondents oppose townhouses in single family neighborhoods
- 78% of respondents oppose apartments in neighborhoods
- 72% of respondents feel that controls on growth are the responsibility of local government
- 77% oppose higher density single-family development.

Smart growth strategies by Howard Chapman include:

- decision making by communities on where/how to grow
- preserving local character and recycle historic buildings
- using discretion when developing open space/farm lands
- building systematically to min. impact on natural habitats.

**Summary of Issues**

Based upon numerous questions and comments between the panel and the audience the following issues and problems with smart growth emerged:

- There was unanimity of concern about current land use and transportation policies and the resulting traffic congestion and deteriorating quality of life in urban areas.
- While we have a definite idea about the results that we wish Smart Growth to achieve - reduced vehicles miles of travel, less congestion, improved air quality, preservation of natural resources and open space - there is not a consensus of how to best implement Smart Growth.
- A number of possible techniques were presented that might compose a unified smart growth strategy but most involve land use control and the provision of non-motorized transportation infrastructure which has not been the primary responsibility of traditional transportation engineers.
- There is a real challenge in educating the public as to the new realities related to traffic congestion and land development. We cannot keep up with the rapid pace of urban travel and maintain acceptable levels os service with traditional highway construction programs.
- The implementation of Smart Growth requires a balance between individual property rights and the common good. Strategies should preserve local character, protect “beautiful places” and encourage “Hub Communities.”
- There are “two pieces” of Smart Growth - the provision of non-motorized transportation and transit infrastructure, and land development and control strategies that support transportation demand management.
- The implementation of the land development Smart Growth Strategies is primarily a local or regional responsibility. While the State and Federal government may encourage, aid and assist in Smart Growth, the actual implementation of the land development and control side lies with local jurisdictions.

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**A Word of Thanks....**

**Joseph M. Thomas Outstanding Young Member Award**

Being presented with the Joseph M. Thomas Award in April was certainly the highlight of my career. My association with the Southern District had already been so rewarding well before the Greenville meeting. Making the evening even more memorable was the opportunity to receive the award from Bob Stammer, whom I worked so closely with on the 1997 Annual Meeting. The announcement at the meeting literally left me speechless and even now, months later, I have yet to find the words to convey how much this means to me. I can only repeat what I have told others, I will try to live up to this award. My involvement with the Southern District has always been and will continue to be a privilege, not a service. Thank you, Karen Mohammadi

**Marbel J. Hensley Outstanding Individual Activity Award**

I would like to take this opportunity to thank Bob Stammer, the Awards Committee, and the SDITE membership for the tremendous honor of being selected as the recipient of the Marble J. Hensley Outstanding Individual Activity Award. Obviously, the committee made the selection, but certainly the membership made it all possible by putting up with my idiosyncrasies and allowing me the opportunity to serve you over the last six years. Without the cooperation and help of so many of you, I would have accomplished very little and certainly would not have even been in the running for the award. For that I owe you and thank you. I have always had the highest opinion of Marble, both professionally and personally, and I am very honored to have received the award bearing his name. Looking through the list of past recipients, I am indeed humbled to now be included. I have said it many times, I treasure my relationships with all of my colleagues and friends in the Southern District. Southern hospitality is real and it flourishes in the Southern District. Thank you so much for this honor! Gene Arnold

**Herman J. Hoose Distinguished Service Award**

What an honor it was to receive the Herman Hoose award at the Southern District meeting here in Greenville! It was such a pleasure to have so many of you here in Greenville for the meeting, and I will never be able to fully thank the awards committee for this honor and the timing of it. It was especially an honor to have the award presented by Herman’s dear wife, Edna Mae who I got to know three years ago when Herman was made an honorary member of ITE. That membership is the highest honor in this organization and was a fitting recognition of Herman’s dedication to and pioneering spirit in our profession. I am honored to have received an award named after him. Please let me take this opportunity to thank all of you who have meant so much to me in my professional pursuits. I love what I do, and my association with so many of you is a primary reason for that. Thank you again for this wonderful honor! Gaye Sprague
Transportation Tips
Co-editors: Martin Bretherton (GA) and Bridget Smith (Dist. 6)

Transportation Safety Information Management System (TSIMS)
By Martin Bretherton

AASHTO has undertaken a Joint Software Development Project to design and build a Transportation Safety Information Management System (TSIMS) which might be used by State and local government agencies to collect, manage, and report on traffic safety data. This effort is sponsored by AASHTO, NHTSA, FHWA, IACP, AAMVA and ITE.

The proposed system will provide a foundation upon which a State or local government unit can build their Highway Safety Information System (HSIS). Project funding is from State and Federal sponsor agencies. If the project is successful, it will be possible to do accident studies across state lines.

The TSIMS will provide a core operational environment which will facilitate the timely collection, processing, and analysis as well as integration and sharing of data to support traffic safety activities at the federal, state and local levels. TSIMS will provide for interactive electronic access to state and local data on multiple platforms while using accepted “good practices” data dictionaries.

The initial focus of TSIMS effort will be processing (capture, storage, transfer and analysis) of traffic crash data with connections to those major systems that are tightly connected to the crash data (driver history, roadway location) while assuring the ability to apply the technology to other information flows such as EMS run reporting, traffic citations, etc.

The following tools are being considered:
• Traffic crash data capture by PC
• Traffic crash data capture by pen based PC
• Traffic crash data capture using imaging technologies
• Traffic crash analysis via tools for creating lists/tables

A complete summary of the program is available on the web at http://www.tsass.com/tsims/

Lighted Crosswalk System
By Lee Murphy

The City of Lakeland, Florida has installed four LED Flashing Crosswalk Systems. The LED’s are only one-half inch above the roadway surface and are activated when a pedestrian breaks a directional beam and continues to flash as the pedestrian crosses the roadway. Studies indicate that vehicles slow down earlier with the LED lights than before the lighted system was installed. The engineers and citizens have observed drivers braking for pedestrians in the crosswalk! The city has plans to install three additional lighted crosswalks later this year. For additional information, contact Lee Murphy, City of Lakeland, (941) 603-6310 or email: leem@city.lakeland.net

Traffic Engineering Letter Library (TELL)
By Martin Bretherton

Many traffic engineers do not like writing letters, especially letters telling a citizen ‘no’. The Mc Trans Center has recently offered a list of thirty four (34) letters to help traffic engineers to respond to common problems or questions. The letters are written using MS Word files. An example of letter types are as follows:

• Children at Play
• Multi-way Stop signs
• Signal
• Left Turn Signal
• Speeding

The library of letters can easily be modified for your use for your local government. The letters (order #TELL) are available from the Mc Trans Center, University of Florida, 512 Weil Hall, P.O. Box 116585, Gainesville, Florida, 32611-6585, (352) 392-0378 or on the web at http://mctrans.ce.ufl.edu

MUTCD Revision: Discontinuing the Use of Red Arrows at Signalized Intersections
by Jack Fleck

The latest revision of the Manual on Uniform Traffic Control Devices (MUTCD) may eliminate the use of RED ARROW indications at signalized intersections and replace them with RED BALL indications. The City and County of San Francisco Department of Parking and Traffic strongly objects to this proposed change, and has written the US Department of Transportation stating such.

The text of the proposed revision to the MUTCD, 23 CFR Part 655, states that “this proposed deletion is in response to recommendations in the Older Driver Highway Design (Transportation Tips, continued on Page 9)
FHWA Responds to City of Hampton’s Final Report On Pedestrian Signal Countdown Device

By Lynn Allsborok (VA)


Based on the positive feedback from over 450 pedestrians at the test site and the lack of any increase in vehicular accident experience during the evaluation period, the City made the following request to FHWA:

1) That the Federal Highway Administration take the necessary action to make the use of the pedestrian signal countdown signal display an approved device in the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) for use on an optional (“may”) basis.

2) That the City of Hampton be allowed to leave the experimental pedestrian countdown device in place until such time as a final ruling is made. The City will continue to monitor the device, collect data and provide information to FHWA, if necessary.

The request was also made to allow the City to expand the experimentation to other locations, specifically several locations that have extremely long crossings (8 to 10 lanes with median refuge areas). It was felt that knowing the crossing time status would be of great value to pedestrians on very long crossings.

In February, 2000 a response was received from the FHWA. They indicated that more experimentation needs to occur before proposing language to be included on pedestrian countdown devices in the Manual on Uniform Traffic Control Devices. According to FHWA, Hampton is only one of seven federally approved test sites for the pedestrian signal countdown device in the United States. They did agree to allow the City of Hampton to extend this experiment for an additional two years provided we revise and resubmit an evaluation plan showing our willingness to collect pedestrian and motorist behavior data consistent with FHWA requirements.

Realizing benefits of the pedestrian signal countdown device and the need for more research data, the City revised and resubmitted an evaluation plan to meet FHWA’s requirements.

Lynn E. Allsbrook
City of Hampton
757-726-2930
E-mail: lallsbro@city.hampton.va.us

In sequence, the photos above show the pedestrian countdown walk, clearance and stop phases.

Test site application of Pedestrian signal countdown device in the City of Hampton, Virginia.

Handbook which shows motorist confusion as to the meaning of the red arrow indication.” San Francisco argues that making this change would significantly increase motorist confusion, not reduce it, even if programmed visibility signals are used instead of the RED ARROW. There are cases where programmed visibility cannot adequately shield the RED BALL; in these cases, serious confusion will result, leading to very unsafe conditions.

The City and County of San Francisco has used RED ARROW indications at intersections for many years and has never received a complaint about their use. In practice, red arrows are extremely useful in clarifying which movement is being given right-of-way during any signal phase.

For more information on San Francisco’s position, contact Jack Fleck at 415.554.2344, jack_fleck@ci.sf.ca.us or 25 Van Ness Avenue, Suite 345, San Francisco 94102-4576

(Transportation Tips, continued on Page 10)
Transportation Tips, continued from Page 9

Taming Those Big, Mean, Nasty Streets: Arterial Traffic Calming

By Bridget Smith

Great demand is placed on arterial streets in order to accommodate Gresham, Oregon’s continued population growth. Arterials must now accommodate autos at an appropriate level of service, as well as an increasing number of pedestrians, bicyclists, and transit users. Additionally, arterials need to be safe and aesthetically appealing to support new residential development required to be located closer to the street. To balance these competing interests, the City of Gresham created the Boulevard Program. Gresham’s Boulevard Program works within existing right-of-way to retrofit major arterials into multi-modal boulevards. As a result, the street functions more efficiently and neighborhood livability is enhanced. Six Boulevard projects have been identified, two are currently funded through federal grants (TEA-21).

Gresham’s first Boulevard project is Division Street, a heavily traveled, five-lane arterial considered unsafe to all users. Major sections of sidewalk are missing, no bike lanes are designated, and cars move at very high speeds for an urban area. Major intersections are currently operating at a low level-of-service and automobile collisions are occurring at a significant rate. The function and adjacent land use on Division Street make it an excellent demonstration project. It connects Gresham and Portland as well as links historic downtown with a large transit-oriented development. It ties the city’s parks, shopping centers and schools to established neighborhoods and is served by both bus and light rail service.

Although posted travel speeds remain the same, the final design will slow actual travel speeds by changing the perception of the street from a fast moving arterial to an urban boulevard. Travel lanes are narrowed and on-street parking is added. Street trees will provide a vertical dimension to further the perception of a narrow street and encourage travel at posted speeds. The project also adds sidewalks, pedestrian-scale street lighting, bicycle lanes, and a raised, landscaped median with frequent mid-block pedestrian crossings and U-turn bays.

For more information, contact Dave Rouse, Director of the Department of Environmental Services for the City of Gresham, Oregon at 503.618.2430, rouse@ci.gresham.or.us or 1333 NW Eastman Pkwy., Gresham, OR, 97030.

Non-intrusive Traffic Detection: Lessons Learned

By Mike Dahlin

Transportation management centers (TMCs) have become an essential part of the transportation infrastructure in many urban areas. Critical to the effectiveness of a TMC is the breadth and density of its data collection devices, which provide information about the roadway traffic conditions. The San Francisco Bay Area Advanced Traveler Information System, TravInfo®, provides real-time traffic information to the traveling public currently through data provided by the California Department of Transportation and California Highway Patrol TMC. The existing system, while functional, is incomplete and therefore lacks comprehensive coverage. In response, the Metropolitan Transportation Commission, responsible for the management of TravInfo®, initiated a project to add a system of non-intrusive surveillance devices (NISD) to augment the existing data collection system in a timely manner. The NISDs collect traffic condition data such as volume, speed, and occupancy without requiring the installation of inductive loops and corresponding lane closures. These devices are mounted on and powered by existing luminaires and overhead signs, and transmit the traffic data via a spread spectrum wireless network. The NISDs provide data to the TMC in essentially the same format as the data provided by the inductive loops. However, they potentially offer significant advantages over conventional inductive loop technology because they are easier to install and maintain, and can be re-deployed to new locations as the build-out of permanent detectors increases. Nevertheless, as with any new deployment of ITS technology, understanding the lessons learned can make subsequent implementations considerably easier.

Beginning in the summer of 1997, 20 non-intrusive surveillance stations were installed through 1998. A summary of the lessons learned:

- Determine early on who will be using the traffic data and the kind of information important to those users.
- Become familiar with all of the performance constraints before selecting locations
- Identify up front the resources that will be required to integrate with the legacy system.

For more information about the lessons learned, contact Mike Dahlin, PB Farradyne at dahlin@pbworld.com or 303 Second St., Suite 700 N, San Francisco, 94107.
ALSITE Scholarships, Inc. announces the establishment of the BILLY JONES MEMORIAL TRAFFIC ENGINEERING SCHOLARSHIP. This scholarship was made possible by a directed gift to the Foundation for the purpose of honoring Billy Jones and his contributions to the transportation engineering profession.

Billy Jones was killed in a sideswipe collision while traveling on I-75 during a heavy thunderstorm, April 28, 1999 in Punta Gorda, FL. Billy was a resident of Cocoa Beach, FL and employed by SASCO as Sales Manager. He was 58-years old at the time of his death. Billy became a member of ITE in 1973. During his professional career, Billy was a Member of the Southern District, and Alabama, Deep South, Georgia and Tennessee Sections of ITE. He was elected Secretary-Treasurer of the Alabama Section in 1978 and became the Alabama Section’s 9th President in 1980. He was an early and enthusiastic advocate of the Alabama Section’s efforts to establish a scholarship program, and his financial support and bidding antics at the Annual Scholarship Auction are legendary. Billy will be remembered fondly as a true southern gentleman with a Big Heart and as the consummate transportation professional.

The 2000 Billy Jones Memorial Traffic Engineering Scholarship was presented to Sara M. Jacobs, a Civil Engineering student at Auburn University, during the Alabama Section’s Annual Meeting in Gulf Shores, AL.
ALABAMA SECTION

The Alabama Section officers for 2001 are;

- Immediate Past President: Tim Taylor
- President: Stacey Glass
- Vice President: Becky White
- Secretary/Treasurer: Ken Cush
- Section Representative: James Brown
- Affiliate Director: Tim Franklin
- Assistant Affiliate Director: Mike Chambliss

Upcoming meeting locations are as follows:

- Fall Meeting: Auburn - Oct. 5, 2000
- Spring Meeting/APATBA: March 8, 2001
- Annual Meeting: Gulf Shores - June 6-8, 2001
- Fall Meeting/TSITE: Chattanooga - Oct. 2001

Our Annual meeting was held June 7-9, 2000, in Gulf Shores, Alabama. We had over 100 people attending and 13 speakers. Our Professional Development session topic was “The Language of Leadership.” We were taught better ways to express ourselves. The Technical sessions covered ITS, work zones, sign vandalism, local projects and planning. We had a field trip to the Foley Beach Express, which is a new roadway to Gulf Shores to help with hurricane evacuation.

As always our annual banquet was a tremendous success. President Tim Taylor presided. We recognized Mr. Ed Watt as the 1999 Transportation Engineer of the Year and Mr. Bill Metzger with the 1999 Transportation Safety Award. These two gentlemen were well deserved. We also gave two scholarships; the first was $3,000 to Mr. Douglas Peterson of Auburn University and in memory of Mr. Billy Jones, $2,500 to Ms. Sara Jacobs of Auburn University. We announced the new officers for 2001 and they were sworn into office effective January 1, 2001. After the banquet we had our annual scholarship auction where over $4,000 was raised. A GREAT time was had by all.

During our business meeting we voted to donate $1000 to the Millennium Fund. We accepted Georgia’s challenge laid down at the District meeting and hope they live up to their match.

At the annual Billy Jones Memorial Tournament we had over 50 golfers and twelve teams. The winners were Thomas Croom, J.G. Meyer, James Foster, Tom Bedell and Mike Gray with a score of 63.

DEEP SOUTH SECTION

The Deep South Section ITE held their Winter Meeting in February 2000 at the Horseshoe Casino and Hotel in Bossier City, Louisiana. The meeting included a business meeting, golf outing and the following technical presentations:

- Denis Finigan & Cade Braud of Urban Systems on “Traffic Plan for Harrah’s Downtown Casino in New Orleans”
- Tony Tramel, Transportation Director, Lafayette, L.A. on “Traffic Control in Parking Lots”
- Dan Gaillet and Ed Turbeyfill, City of Jackson, Miss. on ITS in Jackson, Mississippi

Primary items under discussion by the Section Members is the upcoming Summer Meeting to be held on July 13-14,2000, and the future Southern District meeting to be hosted by New Orleans. The Deep South meeting will be held at the Grand Oasis Hotel and Casino in Ocean Springs, Mississippi, and will be the 25th year anniversary meeting. Special recognition will be given to original Charter Members including John Exnicios of Urban Systems who led the interest in Louisiana and Hibbett Neel of Neel-Schaffer who led the interest in Mississippi resulting in formation of the Deep South group.

The New Orleans Southern District meeting will be the 50th Anniversary meeting for that group and plans are being developed by Doug Robert, Steve Strength and John Exnicios to make this a very special meeting. New Orleans is a great convention city and has recently added two great attractions of interest. The D Day Museum has just opened to honor veterans of World War II. (Did you know the landing craft called Higgins Boats were all built in New Orleans and one was built to display at the Museum?) Jazzland Amusement Park has opened in east New Orleans and has drawn big crowds. Plan to come to New Orleans for a great meeting.

The Section awarded six $600 scholarships to engineering students at Louisiana State University, University of Louisiana - Lafayette and Mississippi State University.

Plans are being developed for the Fall meeting to be held in Baton Rouge, L.A. and to coordinate two special seminars with the meeting. One seminar will be on the Older Driver and the second will be on Traffic Sign Maintenance. These will be held in coordination with the FHWA Louisiana Office.

Deep South members in both Louisiana and Mississippi have participated in activities within their state regarding the need to improve traffic crash reporting and processing. Recognizing the need for traffic engineers to work with quality crash reports, these individuals are working towards GPS location of crashes, electronic transmission of crash data from local governments to the State office, and improved training of police officers regarding crash reporting.
GEORGIA SECTION

In April, the Section held a meeting at Mary Mac’s Tea Room in Atlanta. Dennis Hoffarth, Chairman of Atlanta Bicycle Campaign made a presentation on “Planning and Design of Bicycle Facilities – A User’s Perspective.”

The May meeting was held at the Georgia Institute of Technology in Atlanta. The meeting was a joint meeting with the Georgia Tech Student Chapter. The students use the meeting as a fund-raiser by feeding the members during a cookout. The speaker was Dr. John Leonard, a Georgia Tech professor. He spoke about his research project about “Traffic Weather – Traffic Forecasting.” The meeting included campaign visits from ITE Vice Presidential candidates.

Our June meeting was held at Mary Mac’s Tea Room in Atlanta. Mr. Larry Dreihaupt, Federal Highway Administration, gave a presentation on “Regional Transportation: How ITS Can Help?” The members discussed and considered a by-law change for electing our District Representatives.

Future Section meetings will be as follows:

- July 13: Mary Mac’s, Atlanta
- July 21-24: King & Prince Resort, St. Simons, Seminar*
- Sept 14: Southern Tech, Marietta
- Oct 12: Mary Mac’s, Atlanta
- Nov 9: Mary Mac’s, Atlanta
- Dec 7: Druid Hills Club, Atlanta

Other items of interest:

- The Southern Polytechnic State University Student Chapter is cosponsoring two seminars with the Mc Trans Center. The seminars are scheduled for June 19-20 (Site Impact Analysis) and on June 21-22, 2000 (Access Management).
- The Section’s Board is reviewing an update of the Policy and Procedures Manual, last updated three years ago.
- The Technical Committee is planning on sponsoring a technical seminar in September about the New MUTCD.
- The Safety Committee is scheduling three activities this year: work with the Governor’s Office of Highway Safety to improve the statewide accident records database/systems, work on traffic calming device standards and residential street design standards and pedestrian safety education.

KENTUCKY SECTION

The Kentucky Section has held three meetings this year. The officer’s meeting was held in January. This strategic planning meeting resulted in a new awards program for the section. In March we held our spring meeting in Lexington to discuss Access Management. In June we held our first summer meeting in Northern Kentucky. The topics of that meeting were changes to the MUTCD and the upcoming 2004 SDITE meeting in that area.

The section also formed a subcommittee to gain a better understanding of issues surrounding the certification of planners in ITE similar to the PTOE. The first meeting occurred in June and the subcommittee expects to formalize their opinion and prepare a position statement later this year.

NORTH CAROLINA SECTION

North Carolina was elected the Outstanding Section Group award at the Southern District Annual Meeting in Greenville, SC. Our section also made the news with Stan Polanis’ election as District Secretary/Treasurer. Richard Atkins, former President of the North Carolina Section, participated as International Director. All together, approximately 30 members of the Section attended the District meeting, including nine who participated in technical presentations or panels.

The following officers are serving in 2000:

- President: Greg Turner
- Vice President: Burt Tasaico
- Secretary Treasurer: Bob Pressley
- Section Director: Ken King
- Affiliate Directors: Mike Rutkowski, Monica Toole
- District Director: Larry Meisner

Terry Bellamy was elected as the second District Director, but has left North Carolina for the Old Dominion of Virginia. The remainder of his term is being filled by Greg Turner. The following awards were presented at the annual meeting:

- Paul Cribbins Cup: NC State University Student Chapter
- Jay Quinn Technical Excellence Award: Byron Hood
- RV Moss Lifetime Service Award: Brent McKinney
- Robert Dodge Professional Image Award: Richard Atkins
- Contribution to Transportation Award: Becky Smothers
- President’s Award: Jim Westmoreland
- Young Professional Award: Jim Westmoreland
- Outstanding Committee Chair: Keith Lewis
- Outstanding Board Member: Terry Hopkins
- Outstanding Private Company: Kimley-Horn & Assoc.
- Outstanding Public Agency: City of Greensboro DOT

The winter quarterly meeting was held in New Bern on February 17. Technical sessions included a panel on work zone safety, and presentations on the New Bern Bypass and on the recently opened Neuse River Bridge in New Bern.

The summer meeting is a joint meeting with VASITE in Virginia Beach, with an extensive technical program. The fall meeting will be held September 27 in Charlotte, with the annual meeting on November 16 in Research Triangle Park.

In addition to the statewide meetings, a planning council meeting was held in Raleigh on March 30 and a traffic engineering council meeting was held in Wilmington on June 9. Other local and specialty meetings are planned throughout the year.
SOUTH CAROLINA SECTION
The South Carolina Section’s officers are as follows:
  President ........................................ Linda Carpenter
  Vice-President ................................. Wayne Sarasua
  Secretary/Treasurer ......................... Susan Ruinen
  Affiliate Director ............................. Matt Short
  Section Representative ..................... Colin Kinton
  Past President ............................... Anna Salvagin
The Section’s Spring was held a meeting March 7 at the Airport Lizard’s Thicket in Columbia, SC, which was well attended. Richard Jenkins of the SC DOT gave a presentation titled “What We Learned from Hurricane Floyd and ITS Implementation,” that was both timely and well received by those present at the meeting.

The Sections’s Summer meeting was held June 6, at Milner Country Club House in Summerville, SC. The technical program was presented by Matt Lifsey, SCDOT; Bruce Brigman, Wilbur Smith; and Carroll LeTellier, Sverdrup and was entitled “The Replacement of the Cooper River Bridges in Charleston.” This topic was of significant interest to the ITE audience as Ravenel Bridge on US 17 will replace the existing dual Cooper River Bridges connecting Charleston and Mt. Pleasant and comprises one of the largest transportation projects in the state. Items discussed included; identification and selection of bridge alternatives; planning and design of bridge approaches and interchange modifications; impacts on shipping; public involvement; accommodating bicycles and transit; environmental impacts; and planning for parks and landscaping related to the project. The meeting had an attendance of over 45 members and guests. A golf outing with 25 participants followed the technical program.

Other meeting locations for 2000 are;
  Sept., 2000  Lunch Meeting  Columbia, SC
  Dec. 7, 2000  Year End Meeting  Columbia, SC

TENNESSEE SECTION
The Tennessee Section’s officers are as follows:
  President: Hollis Loveday
  Vice-President: Craig Hanchey
  Secretary/Treasurer: Cindy Pionke
  Section Reps: Anthony Todd (99-00)
  Bob Murphy (00-01)
  Affiliate Director: Mike Vickery
The section’s spring meeting was held June 1-3 in Pigeon Forge, TN. The meeting included a two-day training seminar, awards banquet, annual auction to benefit the student scholarship fund, business meeting, technical sessions and golf tournament. As the Tennessee Section is hosting the ITE Annual meeting, a Section business breakfast will be held in Nashville at the convention site during the Annual Meeting. The section’s fall meeting will be held Oct. 28-31 in Memphis, TN. The meeting will be held in conjunction with the Tennessee APWA. For the latest in news and events, please refer to the Section’s website at www.tsite.org which is hosted by Neel-Schaffer, Inc. and maintained by Greg Judy. The site contains information on officers, meetings, a copy of the latest newsletter and more. Thanks to Craig Hanchey collecting information from current and former members, Tennessee Section ITE’s history is now available on the section’s website. Also, a strategic plan in draft form is currently being reviewed. Major goals for 2000 include; 1) approve a strategic plan for the Section 2) develop more student involvement in the Section and 3) rewrite the officers handbook.

VIRGINIA SECTION
The Virginia Section’s officers are as follows:
  President: Valerie Henchel
  Vice-President: Warren Hughes
  Secretary/Treasurer: Mike Martin
  Immediate Past President: John Kaoudis
  Section Representative: Lynn Albsbrook and Bill Cashman
  ITE Director: Lynn Allsbrook and Bill Cashman
  Director (ITE): Tim White
  Director (AFF): George T. Rogerson, Jr.
  Director (ITE): Joseph T. Wallace
VASITE held its Spring Seasonal Meeting in Fredericksburg, Virginia, on March 16, 2000. Over 80 people attended the meeting. The theme of the technical program was Getting There, with the morning session focusing on ways to get there and the afternoon session looked at whether we can get there. Jeffrey Southard, VDOT’s Assistant Commissioner for Environmental, Transportation Planning, and Regulatory Affairs was the keynote luncheon speaker. A one-day “Bicycle Planning and Design Workshop” was held the day before and was attended by 39 individuals.

Three Hampton Roads Regional Luncheon Meetings have been held to date this year. Attendance has been excellent and topics are primarily related to transportation issues in the greater Hampton Roads area.

VASITE’s Annual Meeting is scheduled for June 28-30, 2000 in Virginia Beach, Virginia which will also be a joint meeting with the North Carolina Section. A two-day continuing education course on traffic signal timing software will be held just prior to the Annual Meeting. Elections for 2001 officers will also be conducted. VASITE’s Fall Seasonal Meeting is scheduled for October 5th in the Richmond area.

As of April 15, 2000, VASITE had 483 members and section affiliates. The Section’s scholarship fund has a balance of approximately $25,000.
Past President’s Message

By Slade Exley (Deep South)

I want to express my appreciation for the work, support and participation the officers, leadership and membership provided over my past three years in office. The opportunity to serve in elected District leadership has been a milestone in my professional career. I recognize the work accomplished during the past three years was a result of the willingness of many persons to serve and support the organization. My thanks to you for all you have done to serve the District and be an active part of our outstanding organization.

My years in office have given me the opportunity to meet many new people and to benefit from the support of many long-time friends. My wish is that you will continue to be an active part of the organization and we will share many more years of friendship during our professional careers.

The work is not finished! I will be calling upon many of you to assist with nominations and award selections as I progress through the duties of Past and Past-Past President.

Vice President’s Report

By Jim Meads (Alabama)

I am pleased to report to the membership my recent activities on behalf of the Southern District:

- Submitted draft year-end Board Meeting Minutes for review by the officers. Minutes were finalized and copies prepared for the Annual Board meeting in Greenville. Minutes approved by Board, April 16, 2000.
- Assisted current Secretary-Treasurer, John VanWinkle, with his duties by familiarizing him with the District’s records and procedures.
- Compiled information needed for submission of the District’s annual tax report to the IRS.
- Conducted activities as Membership Committee, Chair.
- Prepared resolutions thanking the LAC, ABD and consultants for their efforts in arranging, sponsoring, and conducting the Annual Meeting in Greenville.

In look forward to spending my efforts during the remainder of this year filling Committee positions for 2001, completing IRS forms and any other assignments from President Voorhies.

Secretary-Treasurer’s Report

By John VanWinkle (Tennessee)

The District account has a balance of $40,269.06 as of April 12, 2000. For 1999 the District had an income of $16,368.36 and expenses of $18,830.15. The primary source of the 1999 budget deficit was related to a $3,000 contribution on behalf of the District to the ITE Millenium Fund.

As of April 2000 Southern District membership is 1,416. Breakdown by Section members is summarized as follows:

<table>
<thead>
<tr>
<th>Section</th>
<th>Total Members</th>
</tr>
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<tbody>
<tr>
<td>Alabama</td>
<td>142</td>
</tr>
<tr>
<td>Deep South</td>
<td>119</td>
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<tr>
<td>Georgia</td>
<td>324</td>
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<tr>
<td>Kentucky</td>
<td>111</td>
</tr>
<tr>
<td>North Carolina</td>
<td>258</td>
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<tr>
<td>South Carolina</td>
<td>61</td>
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<tr>
<td>Tennessee</td>
<td>196</td>
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<tr>
<td>Virginia</td>
<td>205</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1,416</td>
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News of the South - Newsletter of the Southern District (5)

“News of the South” is the official publication of the Southern District(5) of the Institute of Transportation Engineers (ITE.) Any comments or suggestions are welcome and should be submitted to Jeff Davis, Newsletter Editor, at (843) 953-7687 or via jeff.davis@citadel.edu

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James Brown (AL)  Bob Canfield (DS)  Martin Bretherton (GA)  Karen Mohammadi (KY)
Larry Meisner (NC)  Colin Kinton (SC)  Anthony Todd (TN)  Lynn Allsbrook (VA)
Web Sites of the Southern District

International Institute of Transportation Engineers: http://www.ite.org/

Southern District ITE: http://www2.ncsu.edu/sdite/

Sections
Alabama Section: http://www.alsite.org/
Deep South Section: http://www.civil.msstate.edu/org/dsite
Georgia Section: http://traffic.cc.gatech.edu/itegeorgia/
Kentucky Section: http://www.engr.uky.edu/student.orgs/ite/kysection.htm
North Carolina Section: http://itre.ncsu.edu/ncsite/index.html
Tennessee Section: http://www.tsite.org
Virginia Section: http://www.vasite.org

Student Chapters
Auburn University: http://www.auburn.edu/department/ce/
Mississippi State University: http://www.msstate.edu/org/ite
North Carolina State University: http://www2.ncsu.edu/ncsu/stud_orgs/ite/
University of Kentucky: http://www.engr.uky.edu/ce/studentto.html#ite
University of Virginia: http://www.student.virginia.edu/~uvaite

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