



DRIVER

Message from our President

Wow, time flies! It seems like just yesterday I was sitting in the barracks at The Citadel as a Junior writing my essay for the SCSITE Scholarship only to get beat out by a structural engineer who now lives in Texas. Sorry, Gaye, I couldn't resist! After completing my undergraduate work I pursued graduate studies in Transportation Engineering at Clemson and became very active in the ITE Student Chapter. Wayne Sarausa's passion for the organization and the success of the Clemson Student Chapter really fueled my desire to become active in the state section and since my graduation I have been given the opportunity to serve as Secretary / Treasurer, Vice President, and now President.



Jae H. Mattox, III



As we begin 2009, we have the opportunity to reflect on our achievements in 2008 and look forward to the many new and exciting challenges this year holds. Last Spring, our section hosted the Southern District Meeting in Charleston. Many volunteers from our section under direction of Local Arrangements Committee Chairs Jeff Davis and Colin Kinton, labored intensely for months to plan the meeting which turned out fabulously. To top off a great meeting, the Clemson Student Chapter won the Traffic Bowl and our section was named the Group 2 Section of the Year for 2007. In June, our Upstate crew planned a really great meeting where we were given a trolley tour in downtown Greenville of two segments of roadway that brought together many current traffic engineering best practices. In the fall, we had our scholarship golf tournament and raised a record \$6,000 for our scholarship funds. Because of the success of the golf tournament we were able to award three undergraduate scholarships at our Christmas Party in Columbia. The Christmas Party was a blast and we had the best attendance we have seen in years. All in all, 2008 was an amazing year for SCSITE, and I believe it has given us new life.

A few weeks ago, the SCSITE Board of Directors and Committee Chairs met to discuss our plan for 2009. After this meeting, I realized how truly blessed our section is to have such strong visionaries. As you read further into the newsletter there will be some discussion of some of the activities we have planned for this year.

I am really excited about 2009 and what it holds for our section. I encourage new and old members to get involved and I applaud those who are currently serving. This edition of *The Driver* is loaded down with information so many thanks to all who contributed. Enjoy reading and I hope to see you all in Orangeburg next month!

Drive Safely,

Jae

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2009 Dues are now due. Please pay Jeff Ingham ASAP.

Spring 2009 Meeting to be held at SC State University’s James E. Clyburn University Transportation Center

We are excited to announce that our SCSITE Spring Meeting will be held on the South Carolina State University Campus at the K.W. Green Student Center on Tuesday, March 24, 2009. We will have several presentations from the leadership at SC State dealing with their new state-of-the-art Transportation Center and student presentations from a student at SC State and Clemson University. After the presentations, SC State will be treating us to lunch.

This is an excellent opportunity to show our support for the newly formed SC State ITE Student Chapter. Please make an extra effort to attend. The proposed agenda is on the following page. Plan to arrive on campus no later than 10:30. The presentations will be begin promptly at 10:45am in order to have everything wrapped up by 1pm.

Dr. Xie, SC State Student Chapter Advisor, needs to arrange parking and lunch so please RSVP to Jeff Ingham at by **Thursday March 5**. Jeff’s email address is ingham.j@thomas-hutton.com. Also, please indicate if you will be carpooling. Parking instructions will be sent to those that RSVP.

Mark you Calendars!
2009 SCSITE Spring Meeting
Tuesday, March 24, 2009
SC State University—Orangeburg, SC



GOLF UPDATE

The scholarship golf tournament will be held in the Fall again this year. We are currently looking at the first or second week in September. Thanks again to everyone that helps make this tournament successful every year! -Mike



AGENDA

South Carolina Section Institute of Transportation Engineers (SCSITE) Spring Meeting

March 24, 2009

10:45 a.m. – 1:00 p.m.

K.W. Green Student Center, South Carolina State University

10:45 a.m. – 11:15 a.m. **Introduction**

Welcome

Dr. Kenneth Lewis
Dean of College of Science, Mathematics & Engineering

Dr. Stanley Ihekweazu
Chair of Department of Civil and Mechanical Engineering
Technology and Nuclear Engineering

Overview of James E. Clyburn University Transportation Center

Dr. Reinhardt Brown
Interim Executive Director

Mr. Larrie Butler
Research Program Coordinator

Mr. James Gordon
Education Coordinator

Mr. Lamar Tisdale
Technology Training Coordinator

11:20 a.m. – 11:40 a.m. **Student Presentation**

A student from South Carolina State University will present his/her research

11:40 a.m. – Noon **Student Presentation**

A student from Clemson University will present his/her research

Noon – 12:50 p.m. **Lunch**

Brief speeches by SCSITE officials
Any SCSITE announcements

12:50 p.m. – 1:00 p.m. **Wrap-up**

Proposed SCSITE By-Laws Changes *Bryan Webb,*



Bryan Webb, PE, PTOE



As part of the planning process for the upcoming year, the SCSITE Board performed a review of the Section's By-Laws and several changes have been recommended. Among the proposed changes to the By-Laws is the addition of an Article detailing the Section's Scholarships. This proposed Article contains details on the Scholarships, the eligibility requirements, the application process, and the selection/award processes.

The SCSITE Board has approved submitting the proposed By-Law revisions to the voting members for their consideration and approval. As indicated in the SC Section Charter, voting members of the Section are those who are members of the National Institute of Transportation Engineers and whose membership is in good standing. The proposed By-Law revisions have been sent to the voting membership via email and the members can vote on the proposed changes by using the "vote" buttons on the email. The proposed By-Law revisions will also be discussed and voted on at our upcoming Spring Meeting on March 24th. If anyone has questions regarding the proposed By-Law changes, please contact Bryan Webb at 843.554.8602.

NEW!!! Monthly Local Small Group Meetings *Eric Tripi*



Eric Tripi, PE, PTOE



At the annual Christmas ITE meeting last December in Columbia, a few of us were sitting with Jeff Davis discussing opportunities to get together more often. Jeff suggested that perhaps once a month, small groups of professionals in particular geographic locations of South Carolina meet for lunch. No presentations would be given at these meetings- it would just be a chance to informally chat with other local professionals over lunch. We felt this was a great idea and it was brought up at the last board meeting held in January. Needless to say, the board unanimously agreed to move forward with the planning of these events.

The initial small group meetings will take place in Charleston, Columbia, and Greenville. Eventually, additional cities can be added as needed.

An added benefit to instituting these meetings will be that once they become a regular occurrence, officially set to a certain day each month, ITE members traveling from other parts of South Carolina that happen to be in a city hosting a meeting that day would be welcome to drop-in and participate.

We feel this will be a great way to stay active in ITE and to learn a bit more about what your colleagues are doing locally.

Stay tuned for information on the next ITE small group meeting near you!

Berry Mattox Takes Over Duties as SCSITE Webmaster *Berry Mattox*



Berry Mattox, EI



Berry Mattox, Dennis Corporation Traffic Engineer, has taken over as webmaster of the SCSITE Website. He is a 2006 Graduate of The Citadel, the Military College of South Carolina as a well as a 2007 Graduate of the Georgia Institute of Technology with a Master's of Science in Transportation Systems. Mr. Mattox was recognized as the recipient of the 2005 South Carolina ITE Gilbert Rowe Scholarship for Transportation Studies.

Jeff Ingham Elected SCSITE Secretary / Treasurer for 2009 Term *Jeff Ingham*

Jeff Ingham, PE, PTOE was elected to be the Secretary/Treasurer for the South Carolina Section ITE in 2009. Jeff has been active in the SCSITE since 2001, when he joined Thomas & Hutton Engineering Company as a Traffic Engineer and Project Manager.

Jeff has more than 14 years of experience as an engineer in the transportation field. Prior to joining Thomas & Hutton, he spent six years working for the North Carolina Department of Transportation in their Asheville and Raleigh offices. In 2001, Jeff was the first engineer hired by Thomas & Hutton to focus solely on traffic engineering. As Thomas & Hutton has grown, so has the range of projects he's had the opportunity to work on. His traffic engineering experience covers a diverse range, from small site development projects to large regional planning studies.

In business since 1946, Thomas & Hutton provides design services to a wide range of clients in the southeast region. As consultants to private, municipal, state and federal clients, the firm concentrates its skills in areas of civil, environmental, structural, and transportation engineering. As a project manager, Jeff's focus typically includes corridor studies, signal designs, impact studies, roadway design plans, and transportation planning.

Jeff obtained a Bachelor of Science degree in Civil Engineering from Clemson in 1994 and a Master of Civil Engineering from North Carolina State in 2000. He's a licensed Professional Engineer in North Carolina, South Carolina, and Georgia, and became a registered Professional Traffic Operations Engineer in 2005. He lives in Mount Pleasant with his wife and daughter.



Jeff Ingham, PE, PTOE



SCSITE School Outreach Initiative 2009 *Mike Ridgeway*

This Spring I will be coordinating a School Outreach Initiative as part of the SDITE Information, Communications & Outreach Committee, of which I am a member.

The goal is to get as many people as possible to give a talk or presentation to a group of students about Traffic Engineering. The age of students and topic are completely up to you. I will be speaking to a group of 5th graders at Brennen Elementary here in Columbia. You may even want to talk to a group of kids at your church or perhaps a group of scouts. It is totally up to you. Some people may prefer talking to older kids (high school).

I would like to cover the different regions of the state if possible. I have gotten some preliminary commitments the low country area (Charleston & Beaufort), but we need a few more volunteers.

I have a couple of generic presentations to help get you started if you like. You certainly don't have to do a PowerPoint, but I know I like something to help me. I will probably take a traffic signal head or pedestrian head with me and have some street name signs made for the classes etc. Please let me know if you can help with this. Our target dates for this initiative are April 1, 2, or 3rd, however these dates are flexible. If you decide to participate, please take some pictures for our next newsletter.

If you have any materials that you have used before, please pass them along to me. Please email me at mridgeway@srsengr.com or call me at 803-252-1799 if you would like to be a part of this or if you have any presentation materials that you have used in the past.



Mike Ridgeway, PE



January 2009 SCSITE Executive Board Meeting Summary

An executive Board Meeting of SCSITE was held on January 22 in Columbia to discuss the upcoming year. Items discussed included revisions to the bylaws, finances, long range planning, events to be held this year, committees, the district meeting, newsletter, website, and the 2009 meeting dates.

Bylaws - All national ITE members should have received the proposed revisions to the bylaws via e-mail. Changes will be voted on at the spring meeting on March 24 in Orangeburg.

Finances - Scholarship fund balances are currently \$16.9K and \$20.1K respectively for the Gilbert-Rowe and Stafford-Clark. This money is currently being invested by the National ITE in Washington DC. Approximately \$7,000 will be held locally for yearly operating expenses, the rest of our current funds will be added to the scholarship funds held by the National ITE.

SCSITE will provide some travel expenses to allow officers to attend the annual District meeting. The amount will be set each year; \$1,000 will be allotted for 2009.

Planning / 2009 activities – Mike Ridgeway is attempting to organize an outreach project speaking to school children about Traffic Engineering. If you are interested in helping out, please contact Mike.

Jeff Davis is organizing an initiative for transportation professionals in the Charleston region to get together for lunch once every couple months. No formal program, just an opportunity to network with peers. Volunteers are sought organize similar outings for the Greenville and Columbia regions.

The spring meeting will be held in Orangeburg at SC State University on March 24. Clemson and SC State students will present their research.

District Meeting – The 2009 Southern District ITE meeting will be held in Birmingham, Alabama on April 19-23. Several South Carolina section members will be presenting technical programs and serving as moderators.

Newsletter and website – We are looking for volunteers to help with the SCSITE newsletter and website. If you are willing to help out, please contact one of the officers.

Technical Project Update *Gaye Sprague*

We are pleased to announce that the Southern District Technical Committee has accepted our report on our technical project as a paper for the Southern District meeting in Alabama in April. As you recall, the project addresses shared parking for the baseball stadium in downtown Greenville. Ours is the first paper and the first session! Wil Ravenhorst is currently scheduled to make the presentation, and we hope that as many South Carolina members as possible can attend the meeting.

Legislative Issues *Gaye Sprague*

Although most of us are employed in jobs in which the primary issues we encounter every day are technical issues, there are legislative issues which affect our profession and ultimately our day to day work. We need to stay informed about legislative issues and contribute our knowledge and experience to the discussions BEFORE new policies are set and new laws are made.

South Carolina Fix Our Roads (SCFOR) tracks legislation at the state level, and many of our members work for companies that are members of SCFOR. With the permission of Debbie Bass, the executive director of SCFOR, we will pass along her legislative updates. In her updates, Debbie may pass along the positions of SCFOR. Those positions may not reflect the opinions of ITE or its members, but the updates can keep us informed. Please take a few minutes to read them and let our officers know if there is an issue that you think we need to address with calls or letters to legislators or the governor.

Our collective knowledge and experience in infrastructure is a wonderful resource for our state and even

Treasurer's Report *Jeff Ingham*

Checking Account:	\$16,053.55
Stafford/Clark Scholarship Fund:	\$20,100
Rowe Scholarship Fund:	\$16,900

Money raised during the year through dues and golf tournament proceeds will be used to contribute toward these scholarship funds. Approximately \$7,000 will be held locally for operating expenses during the year. SCSITE will provide some travel expenses to allow officers to attend the annual District meeting. The amount will be set each year; \$1,000 will be allotted for 2009.

If you have not paid your dues for 2009, please bring them to the Spring meeting on March 24, or mail a check (made out to SCSITE) to:

Jeff Ingham
 c/o Thomas & Hutton Engineering Co.
 935 Houston Northcutt Blvd
 Mt. Pleasant, SC 29465



Gaye Sprague, PE

Sprague & Sprague
 CONSULTING ENGINEERS



Jeff Ingham, PE, PTOE





Record Attendance at SCSITE Christmas Party

Hesha Gamble

The Annual Christmas Party was held on Thursday, December 4th in at MacDougall's on the Vista, a change in venue from previous years. A record number attended, including several from SCDOT courtesy of a little extra urging by our incoming president, Jae Mattox ☺ The atmosphere and food were outstanding and everyone enjoyed the refreshments and company. One of the highlights of the evening was the presentation of the scholarships to the previously mentioned recipients. As you can tell from the pictures, a great time was had by all. Special thanks go to Jae and Mike Ridgeway for their hard work in making the arrangements. He has already proven that he will be an outstanding president and will take the SC Section to new heights in 2009. The best highlight of the evening was Jae officially "introducing" his new wife Erica, to the SC Section....congratulations Jae and Erica!!

Although the Christmas party was bittersweet for me as the last meeting as the Section President, I am looking forward to working behind the scenes to help Jae expand and implement on new ideas and activities for our Section. Thanks to everyone for making the Christmas party enjoyable and successful!



Carol Jones and Fred Kicklighter



Jeff Davis, Jeff Ingham, and Bryan Webb



Howard Chapman, Rick Day, Jeff Davis, and Eric Tripi



Howard Chapman and Cadet Caleb Rodgers



Jeff Ingham, Rob Dubnicka, and Fred Kicklighter



Rick Werts, Beth Hawkins, and Roy Tolson



Mike Ridgeway



Hesha Gamble and Jae Mattox

Southern District 5 Report *Jeff Davis*



W. Jeff Davis, PhD, PE
The Citadel

I am honored to serve as your SC Section representative to the ITE Southern District (5) Board. The District's Executive Board, consisting of 25 people, recently held their year-end meeting December 7-8, 2008, in Portsmouth, VA at the site of next year's 2010 annual meeting. Both International ITE and District 5 are engaged in a wide array of initiatives and activities on behalf of ITE members and I would like to provide you with a snap shot of some of the most interesting topics discussed during the meeting.

2009 District Officers

President: Karen Mohammadi (KY)

Vice-President: Jim Westmoreland (NC)

Secretary-Treasurer: Becky White (AL) or Tony Lewis (KY), election April 21, 2009

Past President: Craig Hanchey (TN)

International Director: Bob Stammer (TN)

District Membership (as of 12/4/2008)

Section	Members	Fellows	Honorary Members	Total voting members	Students	Institute affiliates	Esteemed colleagues	Total Non-voting members	Total
AL	119	20	0	130	80	4	4	84	214
DS	131	18	1	123	114	0	17	114	237
GA	288	39	2	291	36	6	7	42	333
KY	60	15	0	73	18	1	9	19	92
NC	256	59	0	294	39	8	8	47	341
SC	48	17	0	52	103	0	10	103	155
TN	215	37	0	230	83	5	7	88	318
VA	166	50	0	212	29	5	8	34	246
Dist. 5	1,283	255	3	1,405	502	29	70	531	1,936

SDITE 2010 Strategic Plan – The District is in the process of developing a strategic plan through a group of members lead by Bill Seymour (KY) based on core values of *Integrity, Knowledge, Development, and Teamwork*, with the following goals:

Goal 1: Enhance Technical Knowledge of our Membership

Goal 2: Attract, develop and retain professionals in transportation and SDITE

Goal 3: Enhance leadership skills of our members'

Goal 4: Ensure accurate information is effectively communicated to membership and others

Goal 5: Provide interesting and informative Annual Meetings



International ITE Report – Outgoing Dist. 5 International Director, Kenny Voorhies, provided a detailed report of activities and initiatives from the officers and staff in the Headquarters office in Washington, DC. A long list of key deliverables is scheduled for 2009 and 2010 to provide value to the profession for membership in ITE including new releases of *Traffic Engineering Handbook 6th Ed.*, *Manual of Transportation Studies*, *Parking Generation 3rd Ed* and numerous other useful resources. The series of webinars offered by ITE has been very successful and a continued emphasis will be placed on providing timely training technical focused seminars. Visit <http://www.ite.org/> for more updates, and information.

District Annual Meetings – The final report for the 2008 annual meeting held in Charleston was delivered to the Board. The meeting hosted by SC ITE included 400 participants, 68 technical sessions and had an overall budget of \$108,000. The budget was closed-out in the black with the \$3,500 advance funding returned to the District along with a modest supplement of a few hundred dollars. Many thanks to SCSITE members and, especially, to volunteers who served on the Local Arrangements Committee. Mark your calendars for the following upcoming SDITE Annual Meetings:
Birmingham, AL (April 19-23, 2009) at Ross Bridge Resort, www.sdite2009.org
Portsmouth, VA (April 11-14, 2010) at Renaissance Hotel & Waterfront Conference Center

District Website – Mike Reese (NC) is working with a number of volunteers to update the SDITE website. Keep apprised of the latest events and activities at www.ncsu.edu/project/southerndite/

International ITE President Elections – For the first time in quite a long while, a candidate for President of International ITE hails from District 5. Hibbett Neel Jr., P.E., ITE Fellow, President and CEO of Neel-Schaffer Inc. of Jackson, MS is running for election. Here is a link to his ITE campaign website www.ite.org/candidates/HibbettNeel/default.htm It would be great to have a president from SDITE. I know he would appreciate the support from his friends in SC.

Southern District 

Alabama • Deep South • Georgia • Kentucky • North Carolina • South Carolina • Tennessee • Virginia

On the web at <http://www.sdite.org/>

Southern District to Provide Funding for Technical Projects

The district has decided to accept proposals from sections or student chapters to do technical projects and would support the effort with financial support. Suggested research ideas at the meeting were things like doing trip generation studies and having the district support the data collection effort. The financial support was described as supporting research, not paying for research.

This is a new idea so a clear policy has not been established; therefore, the District is willing to consider any proposals at this time.

Birmingham 2009!!

Dear ITE Members and Friends,

On behalf of the 2009 Local Arrangements Committee, we are excited to invite you to join us in Birmingham, AL for the 57th Annual Meeting of the Southern District ITE. We are working hard to provide an engaging technical program within a relaxed and comfortable setting.

Our technical program theme is **“Forging the Future of Transportation”** and will focus on new and innovative approaches to transportation planning, design, and management. The theme incorporates the image of a forge – a symbol of Birmingham’s historic roots in the steel industry which shaped our past. Now, Birmingham’s future has been forged from a new focus on medicine, banking, and service industries.

Our host hotel is the **Renaissance Ross Bridge Golf Resort and Spa**, a new facility located in a beautiful resort setting. Meeting attendees are encouraged to take advantage of the relaxed atmosphere with business casual attire. Together, we’ll enjoy fellowship and some great evening entertainment, including a trip to the Barber Vintage Motorsports Museum, a world class facility that houses the largest collection of motorcycles in North America.

The SDITE Annual Meeting is always a great opportunity for transportation professionals to network, exchange ideas, and learn about new trends in the profession. We hope you will make a commitment to join us in Birmingham for a few days of professional development and renewal.



<http://www.sdite2009.org/>

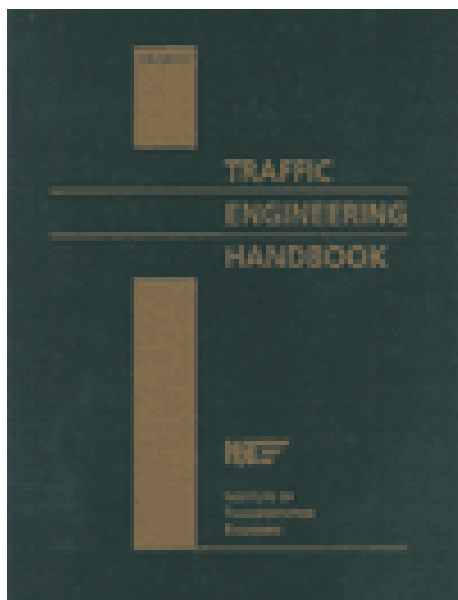


Register Today!

ITE 2009 Technical Conference and Exhibit
Transportation Operations in Action
March 22–25, 2009
Phoenix Convention Center
Phoenix, AZ, USA



ITE 2009 Annual Meeting and Exhibit
August 9–12, 2009
Henry B. Gonzales Convention Center
San Antonio, TX, USA



**Traffic Engineering
Handbook 6th Edition is
being released in March.**

A yellow sun icon with a white outline and rays, positioned behind the conference title.

2009 National Conference on Transportation Operations for Planned and Unplanned Events

This conference immediately follows the [2009 ITE Technical Conference and Exhibit, *Transportation Operations in Action*](#). The conference will specifically address nonrecurring congestion and its associated safety impacts as part of a Traffic Incident Management (TIM)-Planned Special Events (PSE)-Emergency Transportation Operations (ETO) continuum. Attendees will have an opportunity to share lessons learned, exchange information with their peers to:

- Maximize the use of finite staff and resources
- Develop and implement traffic management plans for special events
- Apply the National Incident Management System (NIMS) and Incident Command System (ICS) as a basis for response
- Incorporate training and exercises
- Implement responder communication and public information
- Use tools, technology and infrastructure
- Apply case study examples and innovative successful operations strategies
- Learn about ongoing TIM/ETO related initiatives from USDOT-Federal Highway Administration, AASHTO, Institute of Transportation Engineers, National Traffic Incident Management Coalition and Transportation Research Board.

ITE INTERNATIONAL ELECTIONS!!

Voting begins in June 2009 for the ITE International Vice President. Information on the two candidates has been provided on the next page. Additional information can be obtained for www.ite.org.

Candidates for ITE International Vice President

W. Hibbett Neel, P.E., ITE Fellow

President/CEO, Neel-Schaffer Inc., Jackson, MS, USA



I am honored to have been nominated as a candidate for Vice President. ITE has been an important part of my professional career and I am looking forward to applying my experience to help make ITE an even stronger organization.

ITE is the worldwide advocate for effective transportation solutions. ITE provides for the professional development needs of its members. I am committed to strengthening this mandate in every way possible.

In addition to supporting our technical professional development initiatives and the many specialty councils, I will focus on the following goals:

- Expand marketing of ITE and the transportation profession to ensure funding of transportation improvements.
- Support professional development of our members to provide the training we need to be recognized as transportation leaders.
- Support student chapters and the professional development of our young professionals.

For more details, please visit:
www.ite.org/candidates/hibbetneel

Elected ITE Offices Held

- 1st President/Co-founder–Deep South Division (Section)
- All offices–Southern Section (District)
- Representative–Southern District 5 to the International Board of Direction

ITE Committees

District

- Southern District Annual Meeting Local Arrangements Committee–Chairman (three times)

International

- Southern District 5–Representative
- Ethics Task Force–Chairman
- Policy and Legislative Committee–Chairman
- Recruitment, Retention, Reactivation (3R) Committee–Chairman

ITE Councils

- Transportation Consultants–Chairman
- Transportation Expert Witness–Executive Committee
- Traffic Engineering

ITE Awards

- Deep South Section–Outstanding Service Award
- Southern District–Herman J. Hoose Distinguished Service Award
- Southern Section–Marble J. Hensley Individual Activity Award

Robert C. Wunderlich, P.E., ITE Fellow

Senior Managing Director–Transportation and Engineering, City of Garland, TX, USA



“Every day our members work to make the world’s transportation systems better. Our members care whether people can walk, ride, drive or be driven safely and efficiently. It’s important work–work that makes a difference in peoples’ lives. We do it with passion, caring, and a sense of responsibility that goes beyond ourselves.”

Vision for ITE

- Give all professionals working on transportation issues a home in ITE.
- Build upon our clear leadership in the staples of the profession so that we have the information we need to do our jobs.
- Explore and understand the larger issues of society so that we are positioned to address them.
- Provide professionals with electronic, virtual workspaces so that we can easily collaborate on boards, councils and committees.
- Make sure our members can access the vast amount of knowledge we have developed – quickly and easily, from wherever we work in the world.
- Tell the world about our capabilities. We need to make sure that public leaders understand that our expertise is vital to solving transportation problems.

Why Robert?

Robert leads. He has consistently accepted and succeeded in leadership positions in ITE, his career and community
Robert knows that the strength of ITE lies within its members and their efforts to make themselves and their profession better.

Robert innovates. He brought a teen driving safety program to Garland that has been introduced into all the high schools.

Robert listens and acts. He started student presentation poster sessions at District Meetings after consulting with student members about their needs.

Robert understands the big picture and the day-to-day needs of ITE members. Although he is on his city’s executive management team, he still practices transportation engineering with his staff.

For more details, please visit:
www.robert4.ite.org

ACE BASIN PARKWAY

US 17 (the Ocean Highway) is a part of our country's National Highway System and the Strategic Highway Network for Defense Preparedness. Formed in 1926, US 17 extends for 1189 miles along the southeast coast from Winchester, Virginia (where the Northwest Turnpike begins) to Punta Gorda, Florida. In the State of South Carolina, US Route 17 provides a direct route between the coastal cities of Myrtle Beach, Charleston, and Beaufort. Of its 211 miles in the state, 173 miles have been upgraded to a multi-lane highway, primarily 4 lanes separated by a grass median. The widening of US 17 Ace Basin Segment I is upgrading approximately six miles of US 17 in Beaufort County between the Combahee River and Gardens Corner, SC.

The Design/Build Team hired by SCDOT divided Segment I into three phases to expedite construction and minimize traffic impacts. Phase 1 extends between the Combahee River and Big Estate Road. Phase 2 is the more populated stretch in the middle and includes the portion of roadway between Big Estate Road and Gardens Corner. Phase 3 involves the interchange at US 17 and US 21. Segment 2A is the 1.7 mile portion of the project between the Combahee River and the four-lane roadway at Lightsey Plantation in Colleton County.

The Phase 1 design includes a 100-foot median separating two lanes of traffic in each direction. To protect as many significant trees as possible while maintaining high safety standards for the roadway, the 100 foot wide median includes 30 foot clear zones on either side of a 40 foot area of naturally occurring growth. A 10-foot, paved multi-purpose path in Phase 2 will allow bicyclists and hikers to enjoy this scenic area.



Project Status as of December 2008

- By the end of December, all of the Phase 1 bridge deck spans were completed and it was possible for work vehicles to drive across both bridges. With the concrete spans in place, crews focused on the approximately 3 foot tall parapet walls.
- A 9 inch cement-treated aggregate base and prime coat have been placed on the new northbound lanes between Piggly Wiggly and Big Estate Road. Several areas between the Combahee River and Big Estate Road have had their embankments reinforced with cement prior to placing the aggregate base course.



Design Renderings for the Garden's Corner Interchange US 17 and US 21



More Information is available at <http://www.usroute17.org/>

Rick Day Returns to SC with Stantec *Rick Day*



Rick Day, PE



Rick Day started his transportation career in South Carolina and plans on completing his career in the Palmetto State with Stantec.

A Charleston native, Rick graduated from The Citadel and went on to earn a master's degree from Georgia Tech in Atlanta. Soon after graduating from Tech, he married his high school sweetheart, Kathy, and moved to Columbia to begin his career as an entry-level engineer. After a few years, Rick and his family settled in Atlanta where he started and managed his own transportation engineering firm. After his firm was acquired by another larger firm, he decided to return to Charleston to continue working in the transportation field with Stantec Consulting. Rick is licensed as a Professional Engineer in South Carolina and six other southeastern states and is certified as a Professional Traffic Operations Engineer.

"I'm really thrilled about working for Stantec in Charleston," Rick says. "Kathy and I knew we wanted to eventually return to South Carolina but always thought it would have to wait until we retired. Working for a great company like Stantec is a real plus."

Rick is charged with leading and growing Stantec's transportation practice in South Carolina from its Charleston office. In the transportation field, Stantec provides professional services in highway and bridge design, transit design, traffic engineering, and comprehensive transportation planning services.

Alan Davis Joins SCDOT Traffic Engineering Division *Alan Davis*



Alan Davis, EI



Alan Davis has recently joined the South Carolina Department of Transportation. A graduate of the University of South Carolina, Alan left a local consultant to join Traffic Engineering at SCDOT. Alan is returning to SCDOT after previously working as an intern while in college, working under Carol Jones, Dipak Patel and Brent Dillon. Alan currently resides in Columbia, SC and attends First Presbyterian Church in Columbia. A previous champion and first runner-up team member in the SCSITE Scholarship Golf Tournament, Alan also enjoys following current events and foreign affairs.

YES WE CAN *Hesha Gamble*

The SC Section normally stays out of politics, but now we all have a vested interest. Our very own Gaye Sprague has announced her candidacy for Greenville City Council! Gaye's platform focuses on expanding parks, affordable housing and economic development despite tough economic times.

Although it is the early stages of her candidacy, Gaye has been hard at work garnering community support and organizing the campaign. The primary will be held on June 9th, and the general election is scheduled for November 3rd. Even if you don't live in the Greenville area, you can still show your support by sending campaign contributions, well wishes, or promises to volunteer your time to the campaign...I'm sure Gaye will appreciate it!



Gaye Sprague, PE



Meet Zachary Haney

New SCSITE member Zachary Haney's career spans just over 4 years in Transportation Design and Bridge Inspection. He has been a part of projects located throughout the Eastern Seaboard from Maine all the way to South Carolina. His engineering expertise includes Transportation Design, and Bridge Inspection.

Since joining RPM Engineers, Inc. (RPM) in May 2007, Zack has worked to provide transportation design services to their road and bridge projects as well as bridge inspection services in SC, WV, and OH. While with RPM Zack has performed several bridge inspections including an inspection of the 2,000 ft Korean War Veterans Memorial Bridge over the Ohio River. Before joining RPM Zack took part in such projects as the I-95 / VA route 10 Interchange improvements, where he served as one of the lead design engineers for the project. He also was a part of developing Right of Way plans for US 17 in Beaufort and Colleton counties. This stretch of US 17 was covered by NBC's Dateline as one of the most dangerous roads in America.

Zack received his Bachelor of Science in Civil and Environmental Engineering from The Citadel in 2005. He is nationally certified by FHWA and NHI for the Safety Inspection of In-Service Bridges.

In his spare time he coaches youth soccer for the Columbia United FC and also coaches the Girls Varsity Soccer Team at Dutch Fork High School.



Zachary Haney



WELCOME NEW MEMBERS

Meet John Rosenblatt

I like to joke that I have been involved in the traffic industry since the day I was born. I grew up spending time in our family business, RAI Products, which is a distributor of traffic control equipment. I officially began my career in the traffic industry in 1985 while still in high school. The first 24 years have flown by and many things have changed as this industry has grown. To say I love my job would be an understatement. I truly love working with my customers and helping them find solutions to their traffic control and ITS problems. RAI Products is a distributor for Econolite & SafeTran controllers, cabinets & Autoscope as well as Encom wireless radios and a full range of traffic control products.



John Rosenblatt
RAI Products

 <p>John Rosenblatt Vice-President office: 704.525.1852 cell: 704.904.1481 fax: 704.525.1859 john@raiproducts.com www.raiproducts.com PO Box 240772 Charlotte, NC 28224</p>	<ul style="list-style-type: none"> • Broadband Video • Broadband WI-FI • Broadband Wireless Backhaul • Serial Interconnect • Contact Closure • Traffic & Pedestrian Signals • LED Signal Modules • Signal & Sign Hardware 	<ul style="list-style-type: none"> • Audible Pedestrian Pushbuttons • LED Blankout Signs • Piezo Axle Sensors • Overspeed Detection • Solar Assemblies • Flashing Beacons • Wire & Cable • Loop Detectors • Loop Sealant • Quartzite® Pullboxes
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Project Scope Management *Sunny Nandagiri*



Sunny Nandagiri, PE, PMP



Have you ever set out to clean your garage and ended up cleaning your attic? Project scope management requires focus, organization and a laser-like concentration.

A project scope is a description of the work required to deliver the product of a project. Project scope management includes the processes required to ensure that the project includes all the work required, and **only** the work required, to complete the project successfully. This article focuses on various aspects of the project scope management.

Scope Statement: A well-written scope statement is crucial to a project manager's ability to make intelligent decisions during the life cycle of a project. As a project manager, the more information you can gather in the early stages of a project, the more adaptable you can be if you should have to deal with obstacles that might appear during the project. A project scope statement is created to establish a solid agreement between the project team and the customer by clarifying, identifying, and relating the work of the project to the business owner's objectives. The two parties reach an agreement by explaining the need or issue to be resolved by the project, what the product or deliverables will include, and what potential costs, gains, and success measures are involved.

To manage project scope better, following scope management processes are important to understand:

- *Scope Planning*—creating a scope management plan that documents how the project scope will be defined, verified, controlled, and how the work break down (WBS) will be created and defined.
- *Scope Definition*—developing a detailed project scope statement as the basis for future decisions.
- *Create WBS*—subdividing the major project deliverables and project work into smaller, more manageable components.
- *Scope Verification*—formalizing acceptance of the completed project deliverables.
- *Scope Control*—controlling changes to the project scope

Common problems with scope-change management

There are a number of common problems that project teams frequently encounter when dealing with scope-change management:

Scope creep: Many project managers recognize large scope changes (Ex: A road widening project's length increased by half a mile) but are not as diligent on smaller changes (Ex: Three additional meetings, dealing with public directly and others). There is a tendency to just go ahead and add the additional work without too much thought. Scope creep refers to what happens when a project accepts a large number of small changes. When all of these small changes are combined, the team realizes that it has taken on too much extra work and can no longer make its budget and must delay commitments.

Scope change approval: During projects, project manager may receive requests for changes from end users, stakeholders, or others. Since these are all people in the client organization, there is a tendency to think that these requests should be accepted. This may be a mistake. The end users usually surface scope-change requests, but they can't approve them. Many projects get in trouble because project team members think they are getting approval to proceed with scope changes but discover later that the person who really counts has not agreed to the scope changes.

Project team accountability: Since the project team members can have a lot of interaction with the client, they are the ones who field scope-change requests the most often. Therefore, the entire project team must understand the importance of scope-change management. All of them must detect scope changes when they occur and funnel them back to the project manager. If they take on the extra work themselves, there is a good likelihood that their activities will be completed late and jeopardize the entire project.

Few tips and pointers to manage the projects' scope better:

- Requests for proposals (RFPs) should provide sufficient detailed scope for the project. While a two-page RFP for a \$200K project may be grossly inadequate, a 35 page scope for a \$20K project is probably overkill.
- While submitting proposals, not only list the items in the scope, but also clearly outline the out of scope items. This will reduce/eliminate a lot "gray areas".
- Project managers should keep a running list of all the scope changes occurring on a project on a weekly basis. Committed scope changes should be informed through an email or memo.
- Project managers should submit the scope changes along with the monthly progress report to the clients.
- If public participation is needed, get them early, get them often. Often getting public involved at late stages of the project is a sure recipe for scope changes.
- Always document lessons learned for projects, which will benefit managing scope for similar projects in the future better.

Author of this article is a licensed Professional Engineer in Eight States (including South Carolina) and is also a certified "Project Management Professional" (PMP)

Sources for this Article: *Project Management Institute's "Project Management Body of Knowledge" (PMBOK), 2007 Edition, PMP Study Guide, Joseph Phillips, Certification Press, 2005, <http://articles.techrepublic.com.com> and Microsoft Project's Notes at <http://office.microsoft.com/en-us/project/HA011424721033.aspx>.*

The New Urbanism: An alternative to Modern, Automobile-Oriented Planning and Development

Robert Steuteville

Published on www.newurbannews.com. Reprinted with permission from the author.

Through the first quarter of the last century, the United States was developed in the form of compact, mixed-use neighborhoods. The pattern began to change with the emergence of modern architecture and zoning and ascension of the automobile. After World War II, a new system of development was implemented nationwide, replacing neighborhoods with a rigorous separation of uses that has become known as conventional suburban development (CSD), or sprawl. The majority of US citizens now live in suburban communities built in the last 50 years.

Although CSD has been popular, it carries a significant price. Lacking a town center or pedestrian scale, CSD spreads out to consume large areas of countryside even as population grows relatively slowly. Automobile use per capita has soared, because a motor vehicle is required for the great majority of household and commuter trips.

Those who cannot drive are significantly restricted in their mobility. The working poor living in suburbia spend a large portion of their incomes on cars. Meanwhile, the American landscape where most people live and work is dominated by strip malls, auto-oriented civic and commercial buildings, and subdivisions without much individuality or character.

The New Urbanism is a reaction to sprawl. A growing movement of architects, planners, and developers, the New Urbanism is based on principles of planning and architecture that work together to create human-scale, walkable communities. New urbanists take a wide variety of approaches — some work exclusively on infill projects, others focus on transit-oriented development, still others are attempting to transform the suburbs, and many are working in all of these categories. The New Urbanism includes traditional architects and those with modernist sensibilities. All, however, believe in the power and ability of traditional neighborhoods to restore functional, sustainable communities. The trend had its roots in the work of maverick architects and planners in the 1970s and 1980s who coalesced into a unified group in the 1990s. From modest beginnings, the trend is beginning to have a substantial impact. More than 600 new towns, villages, and neighborhoods are planned or under construction in the US, using principles of the New Urbanism. Additionally, hundreds of small-scale new urban infill projects are restoring the urban fabric of cities and towns by reestablishing walkable streets and blocks.

On the regional scale, the New Urbanism is having a growing influence on how and where metropolitan regions choose to grow. At least 14 large-scale planning initiatives are based on the principles of linking transportation and land-use policies and using the neighborhood as the fundamental building block of a region.

In Maryland and several other states, new urbanist principles are an integral part of smart growth legislation.

Moreover, the New Urbanism is beginning to have widespread impact on conventional development. Just as Starbucks raised the quality of coffee in competing restaurants and cafes, mainstream developers are adopting new urban design elements such as garages in the rear of houses, neighborhood greens and mixed-use town centers. Projects that adopt some principles of New Urbanism but remain largely conventional in design are known as hybrids.

The New Urbanism trend goes by other names, including neotraditional design, transit-oriented development, and traditional neighborhood development. Borrowing from urban design concepts throughout history, the New Urbanism does not merely replicate old communities. New houses within neighborhoods, for example, must provide modern living spaces and amenities that consumers demand (and that competing suburban tract homes offer). Stores and businesses must have sufficient parking, modern floor plans, and connections to automobile and pedestrian traffic, and/or transit systems.

With proper design, large office, light industrial, and even "big box" retail buildings can be situated in a walkable new urbanist neighborhood. Parking lots, the most prominent feature of conventional commercial districts, are accommodated to the side and the rear of new urban businesses. The size of lots are reduced through shared parking, on-street parking, and shifts to other modes of transportation.

Another difference between the old and the New Urbanism is the street grid. Historic cities and towns in the US employ a grid that is relentlessly regular. New urbanists generally use a "modified" grid, with "T" intersections and street deflections to calm traffic and increase visual interest.

That blending of old and new is the basis of the adjective neotraditional, a term that carries a lot of baggage, especially with modernists, who see it as an architectural "style." However, it is more of an urban design approach that borrows from the past while adapting to the present and future. The very fact that new urbanists must meet the demands of the marketplace keeps them grounded in reality. Successful New Urbanism performs a difficult balancing act by maintaining the integrity of a walkable, human-scale neighborhood while offering modern residential and commercial "product" to compete with CSD. New urbanists who cannot compete with conventional development or find a niche that is poorly served by the real estate industry are doomed to failure.

The difficulty of that balancing act is one reason why many developers choose to build hybrids, instead of adopting all of the principles of the New Urbanism. Some new urbanists think that hybrids pose a serious threat to the movement, because they usually borrow the label and language of the New Urbanism. Other new urbanists believe that hybrids represent a positive step forward from CSD.

Robert Steuteville is editor and publisher of New Urban News. This article was updated July 8, 2004. Article continued in next edition of the SCSITE Driver – see www.newurbannews.com for the complete article



The new urbanist Redmond Town Center, left, contrasts with conventional commercial strip development.

Moving Forward *Joe Sturm*

As we roll in the New Year and are greeted by a new political administration, we all have one thing on our minds: when will this economy get turned in the right direction? We hear stories almost daily of layoffs, furloughs, and faltering businesses that worry us about how we can protect our interests. We also hear of company closures and stocks that are quickly plummeting. Regardless of whether you back our new president or not, Barack Obama has promised to set aside vast sums of federal dollars to go into transportation infrastructure. The stimulus packages going through the Senate and the House of Representatives include funds for immediate use in transportation. For us engineers in the public and private sector, this information could be great news. The news guarantees work in these tough times just as the government programs of Franklin Roosevelt’s administration during the 1930’s jumpstarted the economy after the Great Depression (Although, thank goodness, we are not nearly in as poor of a condition as the country was then.).

Although transportation as a whole has been receiving great sums of money for many years, the funding still falls short of what we need. Metropolitan Planning Organizations (MPO) are continually updating long-range plans to best utilize funds for projects in their area. Let’s look into why our country desperately needs more infrastructure dollars. The United States maintains over 750,000 miles of roadway and over a half million bridges. All of these roads and bridges need maintenance, and even one in four of the bridges is structurally deficient. In addition to these needs, the country is also expanding our already immense roadway network at great cost due to more and more growth. Many areas are experiencing increased delays because of this growth but are unable to fulfill the demand with their current infrastructure. The increasing delays and additional volumes contribute to create a scenario where, if left alone, diminishes the safety we all desire while traveling. More funds, therefore, are necessary to be pumped into safety programs so that our entire transportation system can operate smoothly without losing countless lives. If we further add the needs of transit systems and improved technologies like intelligent transportation systems (ITS) to the mix, you can see that much work needs to be done.

We should be joyful to live in a time where these challenges exist, and we have the opportunity to rise up and conquer them. Let us not focus too much of our time and energy on the negative aspects affecting us now, but, rather, let’s be thankful for all that we have and all that we can do.



Joe Sturm, EIT





SCSITE Awards Three Scholarships *Gaye Sprague*

Thanks to the generosity of our members and the golf outing organizational skills of Mike Ridgeway and Don Turner, we are able to award three scholarships this year at the Christmas Party.

Thanks to everyone who has helped make the scholarship program possible—Mike and Don, Colin and Howard who review applications every year, the professors who encourage the students to apply, the SCSITE officers who take care of the money, and all the members who have bought auction items, played golf, and sponsored the golf tournament. The future of our profession depends on the fine young people who enter our profession today. It is a good thing that we give these scholarships to encourage engineering majors to consider entering our profession.

Enjoy reading about the three scholarship recipients on the pages to follow.



Gaye Sprague, PE

Sprague & Sprague
CONSULTING ENGINEERS

Kelly Sprague—Stafford-Clark Scholarship

Hi! My name is Kelly Sprague, and I claim Moore, SC as my hometown. I was born in Northern New York, and moved to South Carolina in elementary school. I am currently a junior Civil Engineering student at Clemson University, planning to graduate in May 2010 with a BSCE. The following year, I plan to obtain a Masters of Transportation Engineering, also at Clemson. In middle school, I planned to be an architect, but was disheartened to find I lacked the artistic talent to continue with that plan. The next best thing in my mind was Civil Engineering, but I wasn't sure which area within the field to pursue. When I was young, my family traveled up and down the east coast frequently, from Watertown, NY to Sarasota, FL. I have loved these road trips as long as I can remember, especially the bridges we often went out of our way to travel over. When I discovered that transportation engineering was an option for my emphasis area, I knew that it was the perfect place for me to be: I love road trips, I love bridges, I love engineering. This love has only intensified this semester, as I have attended the Transportation Review Board conference, taken a traffic and highway engineering course, and plan to participate in the Transportation Bowl at the ASCE conference later this semester. Thanks, SCSITE, for supporting my love of the transportation field with your generous scholarship!



Caleb Rodgers—SCSITE Scholarship



My name is Caleb Rodgers and I am from the small town of St. Stephen, South Carolina. I am a junior at The Citadel pursuing a Bachelors Degree in Civil and Environmental Engineering. Throughout my career here at The Citadel I have been unsure as to what area of Civil Engineering I would like to focus on. This all changed once I was introduced to transportation engineering by Dr. Jeff Davis and was solidified even more when I had the opportunity to attend the Transportation Review Board in Washington D.C. this January. This conference opened my eyes to the many opportunities and areas of study available in the field of transportation engineering. Upon graduation from The Citadel I hope to further my education in the field of transportation engineering and eventually settle down in South Carolina once again. Thank you SCITE for your generous support of my education by selecting me as one of your scholarship recipients.



Josh Olson— Gilbert S. Rowe Scholarship



My name is Joshua Olson, and I came down to The Citadel from Cary, NC. In May of 2010, I will graduate with a bachelor's degree in Civil and Environmental Engineering. Following my graduation I will attend the Naval OCS and become an officer in the Navy's Civil Engineer Corps.

My decision to come to The Citadel was based off of high standing of the Civil Engineering program and the physical discipline I would learn while here. While I have been at The Citadel, I have been transformed into a fit person (both in body and in mind).

I have always known I would become an engineer, since like my father I have a propensity for math. However, I did not want to become trapped in a cubicle all day long like an Electrical Engineer, so I decided to pursue Civil. It was the summers of my freshman and sophomore years when I had an internship with the NCDOT I learned of my passion for transportation. The beauty of this field is that virtually all of the other disciplines of Civil and Environmental Engineering are included.

I am truly grateful to the SCITE and its members for the honor bestowed upon me with the Gilbert H. Rowe Scholarship. I will always endeavor to further my engineering knowledge, justify your trust that I will better the field of transportation.



News from the Clemson Student Chapter Gabriel Dobbs

The Clemson Student Chapter of ITE traveled to TRB to kick off its Spring 2009 agenda. Twelve of Clemson's finest, including 10 students and 2 chapter advisors, Wayne Sarasua and Jennifer Ogle, traveled to Washington D.C. for the 88th Annual Meeting. Doctoral Students Priyanka Alluri and Yan Zhou presented at this meeting, and many of Clemson's Master's students were in attendance at these meetings. The topic of this year's annual meeting was Climate Change, so the Clemson student chapter has been working hard to discover how this topic can be approached by transportation engineers. Master's student Sudhakar Pandurangan attended a presentation entitled *International Changes in Travel Behavior, Driver Licensing and Occupant Fatality Rates during the Last 20 Years*. This presentation featured five presenters discussing their studies in some major countries of the world including the United States, Canada, countries in Europe, China and the Asian Continent. It was discovered that US fatality rates were slightly higher compared to other developed nations discussed in the presentations. In case of Europe, people still preferred using mass transit than owning their own vehicle.



Wayne Sarasua, PhD, PE
Clemson University
ITE Student Chapter
Advisor

The group also visited many of the monuments and sights of the Washington Mall area in order to enrich the culture of the ITE chapter, as many students had never before seen these sights.



(Left) The Museum of Natural History and (Right) the United States Capitol building with rows of chairs for the upcoming inauguration.

SCSU ITE Student Chapter News *Yuanchang Xie*



Yuanchang Xie, PhD
SCSU ITE Student Chapter Advisor

The SCSUITE Student Chapter had another seminar in November 2008. Mr. Harun Rashid from Berkeley-Charleston-Dorchester Council of Governments (BCDCOG) gave an excellent lecture on applications of GIS in transportation planning. Mr. Harun is very experienced with GIS and transportation planning. His primary role in BCDCOG was to maintain, update and analyze various GIS database to support planning and economic development activities. He is now maintaining and running a regional transportation model in a GIS environment to serve transportation planning. During the lecture, Mr. Harun introduced the four-step model currently being used by the BCDCOG. He also used several interesting examples to show how GIS can be used to manage and visualize transportation planning data efficiently and effectively. The lecture was well attended and received very positive feedback from the students.

On February 2, the SCSUITE Student Chapter had an officer election meeting. Congratulations to the three newly elected officers. The SCSUITE officers now are:

- President – Dirk Francis (newly elected)
- Vice President – Lakia Mustipher (newly elected)
- Secretary – Otukile Lekote
- Treasurer – Teresa parker-Hightower
- Public Relations Director – Leon Porter (newly elected)

The SCSUITE Student Chapter would also like to thank Kayin Jones (former President), Phyllis Pelzer (former Vice President), and Christian Pantin (former Public Relations Director) for their hard work and contribution to the student chapter.

Most SCSU ITE members are very busy with coursework and research projects in this spring semester. Leon Porter, the Public Relations Director of SCSUITE, is trying to schedule a break for the members and take them to the new SCDOT traffic management center. Hopefully we can have the trip within this month.



News from the University of South Carolina

Nathan Huynh

The University of South Carolina and its transportation program is proud to support efforts to improve transportation in South Carolina. Last November, USC held a "Forum on Public Transportation for the Greater Columbia Area" where the panelists and participants discussed various issues surrounding public transportation. In the coming months, USC will co-sponsor a training workshop titled "Communities on the Move: Using All Transportation Options (ADA and beyond...)." Communities on the Move is a free, one-day, individualized "train-the-trainer" initiative to increase accessible transportation options on the local level. The options include a choice of topics, including a better understanding of the Americans with Disabilities Act and its application to public transportation. Sensitivity training for drivers, how to assess barriers in the pedestrian environment, traveling with service animals, and a better grasp of paratransit eligibility requirements are just four of 24 possible topics. Easter Seals Project ACTION will address the community's specific needs using training modules developed by experts. More information about Easter Seals Project ACTION can be found here:

www.projectaction.org. The date and location of the workshop will be announced to the SCITE chapter once the details are finalized. The mentioned event will be sponsored by the Transportation Association of South Carolina, The State League of Women Voters, and USC.



Nathan Huynh, PhD
University of South Carolina
ITE Student Chapter
Advisor



New Traffic Signal Asset Management Software

Design Information Technology is an innovative software design company headquartered in Columbia, South Carolina. With the help of professional traffic engineers and technicians, **Design IT** has created a web based application that meets today's demands when it comes to maintaining, inspecting, and reporting on traffic signal equipment and locations. The Transportation Engineering Asset Management System (**TEAMS**) now allows everyone from the smallest cities to the largest state agencies to track signal equipment thoroughly and, just as important, affordably.

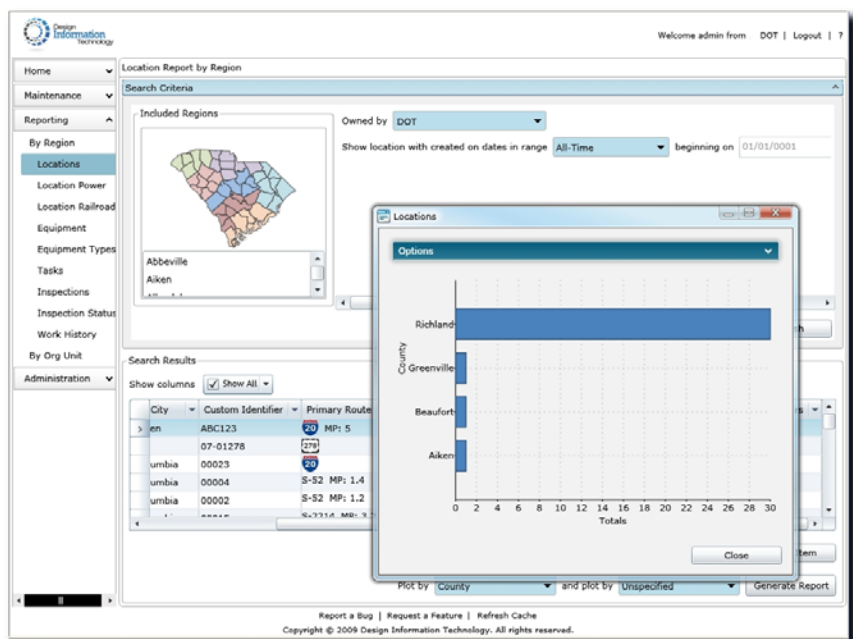
Design IT has utilized the latest technology and services available to build a powerful tool for traffic signal engineers and technicians. Users can perform inspections and track inventory, as well as manage and report on traffic signals. With the click of a single button, users are able to quickly review vast amounts of information about their traffic signals. Mapping features in the tool permit all signal locations to be overlaid on street maps. Ancillary documents such as counts, drawings, plans, and photographs can be uploaded and stored. The various types of equipment installed at a location along with their attributes can be tracked to a granular level of detail.

What makes this application so different? The features and functionality available in this application make it stand out as the premier tool for traffic signal asset management. **Design IT** has taken the best parts of the web and combined that with the richness of a traditional desktop application to create a powerful, responsive, and full-featured application; it feels like a desktop application, but it runs on the web. Zero deployment and low total cost of ownership are attractive aspects of the application. **Design IT's** use of agile software design processes has enabled us to keep the development costs extremely low, allowing the software to be priced very affordably. This approach to software design also permits **Design IT** to provide further customizations and modules to suit your specific needs while keeping costs low.

For more details on the **TEAMS** application and additional services provided by **Design IT** review their website at www.designinfotech.com. If you are interested in a demo you can contact **Design IT** through the website or directly by the information below and your evaluation can begin right away.



Contact:
Blake Langland
Cell: 803-673-0046



Assistant Beaufort County Traffic and Transportation Engineer

Provides technical traffic and civil engineering skills for planning, design, operation and management of traffic signals, signing, pavement marking and signal system projects for Beaufort County.

MINIMUM REQUIREMENTS:

- Bachelor of Science degree in Civil Engineering from an accredited college with concentration in traffic and transportation engineering
- Masters of Science degree in Engineering preferred
- Three years experience in traffic engineering or traffic signal systems
- Passing grade from Fundamentals of Engineering (FE) Exam
- Must possess and maintain valid driver's license

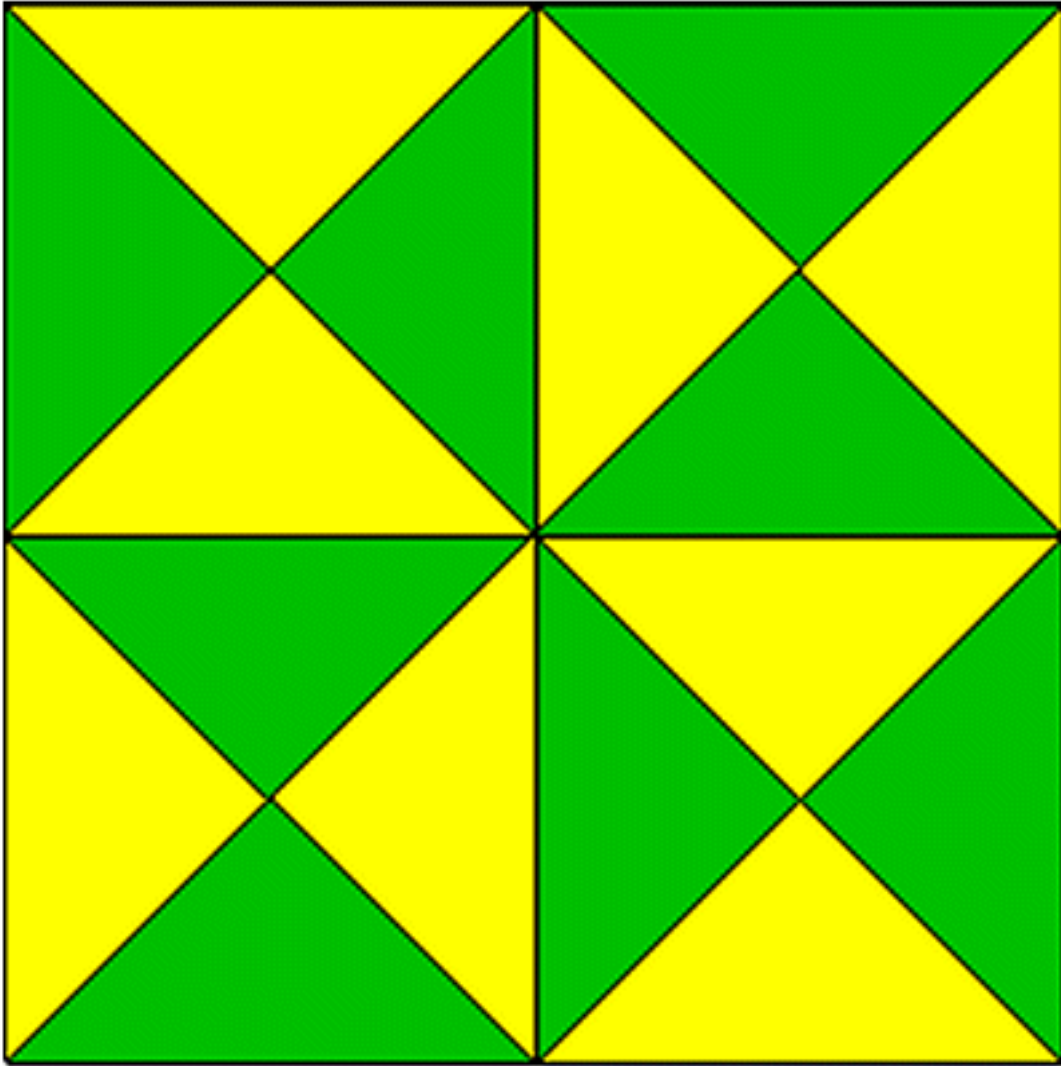
Interested applicants should contact Colin Kinton for more information.

ckinton@bcgov.net



State Government
careers
www.jobs.sc.gov

Available Positions Booklet from the ITE 2008 Technical Conference and Exhibit can be downloaded at http://www.ite.org/Conference/ITE_TC08



How many Triangles?

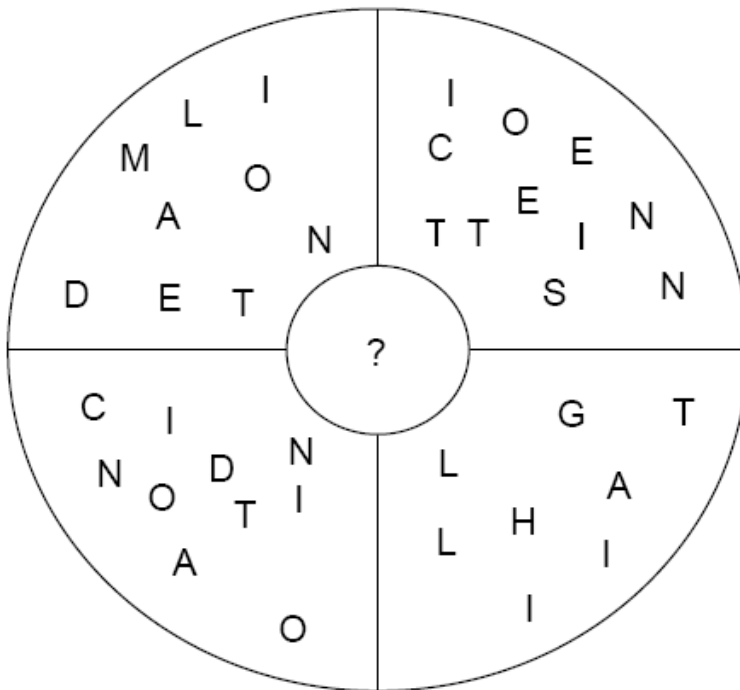
Be the first to solve the puzzle and you will be recognized in the summer newsletter and receive a \$5 discount at the Summer Meeting. Email your answer to davisas@scdot.org.

Last Issue's Challenge

Congratulations to Alan Davis for being the first to solve the letter word jumble challenge in the last issue. The correct answer was Intersection, Light Rail, Coordination, and Intermodal. Starting with this edition, Alan has taken over responsibility of the puzzle mania section of the newsletter.



Alan Davis, EI





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About ITE

The Institute of Transportation Engineers is an international educational and scientific association of transportation professionals who are responsible for meeting mobility and safety needs. ITE facilitates the application of technology and scientific principles to research, planning, functional design, implementation, operation, policy development and management for any mode of transportation. Through its products and services, ITE promotes professional development of its members, supports and encourages education, stimulates research, develops public awareness programs and serves as a conduit for the exchange of professional information.

JOIN SCSITE TODAY!!

Membership forms are available on our website. Dues are \$20.00 yearly.

Update your Information on the website. Your username is your last name followed by your first initial and your default password is "traffic". Make sure you capitalize the first letter of your last name and first initial to login.

We are on the web at
www.scs-ite.org

Newsletter Information

"DRIVER" is the official publication of the South Carolina Section Institute of Transportation Engineers, the professional society for transportation engineers in South Carolina. It is affiliated with Southern District 5 ITE, as well as the International ITE.

Any suggestions on format or content are welcome. News on members, the section, or the profession should be submitted to Jae Mattox at mattoxjh@scdot.org.