PRESIDENT’S MESSAGE
Valerie Holmes, P.E.

Another year is already well under way! I can’t believe we’re in March! Weren’t we just celebrating the holidays? In any case, we are off to a great start. We have already had our Spring Meeting on March 5th, and it was quite informative. We visited the Clemson University SCE&G Energy Innovation Center at the Navy Yard in North Charleston. We learned about the wind turbine testing, both mechanical and electrical, that takes place at this facility. It was quite impressive. This meeting proved popular, as we had approximately 40 people in attendance.

Southern District is fast approaching in April, and I hope to have a large contingent of members representing this fine section. I also hope that the students of the South Carolina Section perform well in the Traffic Bowl; you always make us proud. This year, the President of Southern District, Bill Seymour, has established a committee whose goal is to address a particular issue on an annual basis. For 2015, the President’s Committee is focusing on student outreach to target safe driving, particularly in the high school age range. As teenagers begin to learn how to drive, it is important that they form good habits to keep them safe on the road.

There are forms of distractions that many of us did not have to deal with while learning to drive, namely smartphones and the ability to text. As we all know, texting while driving can lead to tragic results. The President’s Committee is working to see how we can use the resources already in place to further ITE’s involvement in student outreach, and our progress will be presented during the SDITE annual meeting.

Coming in May is our bi-annual Vendor Day. This is always an interesting and informative meeting. It gives vendors the opportunity to present the latest technology to engineers and technicians. We are also bringing back the PechaKucha! This is a format that gives vendors a 6 minute and 40 second platform for their presentation and is a great way to keep things moving. SCDOT will also be presenting the updated Signal Maintenance Agreement for 2015-2018.

This is shaping up to be a very busy year. I would like to thank everyone who has volunteered their time and effort to making this a successful section. I couldn’t do it without you, and I am proud to serve such a fine group. Here’s to a successful 2015! Thank you!
I appreciate all the support I have received from the section over the past few years, and I’m grateful to be a part of a professional organization with as many dedicated professionals as we have. As I pass the gavel on to Valerie, I’d like to urge all of our members to remember our ethical obligation as engineers and transportation professionals to those around us. This topic has been on my mind as I recently became a parent for the first time. I want to make sure that I am setting the best example I can for my son, Henry, so I’d like to emphasize two points I have been considering from my recent thoughts on this subject. Firstly, behaving ethically in day to day situations often requires much more work and dedication than going with the flow. It often involves putting the needs of others ahead of the immediate gratification of self. Take for instance a junior engineer who is offered the chance to falsely fill out a time sheet with billable hours to a client under the guise that they will never know. This overly simplistic scenario highlights how a tempting shortcut can most likely go unnoticed, but it can lead to a progressively more lax ethical outlook over time. Secondly, we must consider our reputation in addition to whatever ethical line we will draw for ourselves. Using sports as an illustration, let’s say I draw my line on what is acceptable ethical behavior at the 10 yard line, but my colleague draws her line at the more conservative 30 yard line (In football when considering defense, you are less vulnerable at 30 yards out than you are at 10 yards out). I might be extremely comfortable at staying firm at the 10 yard line and I may even be justified for being there, but to the colleague that draws her line further out, that type of behavior could seem unsavory. Because of this difference, those of us who recognize a more liberal ethical view than others, especially those in very visible roles, may need to adjust position so as not to give the impression of impropriety. Most ethical discussions are multi-faceted and do not have a clear-cut, black-and-white, always correct answer. Because of the nature of these situations, it is helpful to rely on a strong foundation so that you can have a ready defense for your actions. As always, if there is anything with which I can personally help, please bring them to my attention and I will do my best to assist you. JOE

P.S.

Please keep your eyes on the road when driving. Distracted driving can be just as dangerous as drunk driving, or the other “d’s” of highway safety: Drowsy Driving and Drugged Driving. Safety engineers can only do so much to demand the driver’s attention as human factors still present a huge challenge to the safety of our roadways. Pedestrians, bicyclists, motorcyclists, etc. are all attempting to use the same space with much less cushion between them and the road. We’re all glad to hear that Vijay Bendigeri, Clemson ITE’s past president, is recovering from his bicycle crash with a vehicle that failed to yield. Make sure you are not involved in this type of incident by focusing solely on the driving task when driving.
The Summer meeting was held at ICAR on June 26th, marking a return to the campus after 6 years. There has been a lot of development during this time, and the group was treated to a tour of the expanded facility. Approximately 40 members attended the tour, where we learned about the different programs ICAR is involved in. The tour emphasized the collaboration with various companies, both local and international, as well as the programs that graduate students can undertake during their schooling, the most interesting of which (in this writer’s opinion) is “DEEP ORANGE”. This is a graduate-level program that students can apply to, and once accepted, they take a car from concept to prototype, and all stages in between. Other programs include the development of testing procedures that are designed according to manufacturers’ specifications. This allows companies such as BMW to test vehicle components that would otherwise be shipped abroad for testing, reducing costs and shrinking schedules. After a delicious lunch, the group attended an informative presentation by Eli Veith, of Veith Traffic Services, about adaptive traffic control systems. It was an exciting day, and everyone had a great time!
2014 Golf Tournament Summary

Mike Ridgeway, P.E.

We had another great golf tournament in the Fall and raised close to $6,000 for the Scholarship Fund! Note that Northwood’s is undergoing extensive renovations this year and should be in much better shape for this year’s tournament.

There are too many people to list that help make this tournament special each year but I would like to give a specific shout out to Don Turner, Jae Mattox, Byron Hood, Renee Tison, Susan Ruinen, Jennifer Bihl, Joe Sturm, and Rick Reiff. Many thanks also to SCDOT’s Deputy Secretary of Engineering Christy Hall who was our speaker for lunch and did a great job.

Our long drive champ this year was Drew Phillips.

The Closest to the Pin winners were Howard Chapman and Jack Sightler.

The team that will be added to the Don Turner Championship Jug is: Zack Haney, Raymond Hamilton, Roger Sears & Chris Jordan

One final shout-out for our wonderful sponsors. We are successful because of our generous sponsors. THANK YOU! Please consider these firms when you do business as year-in/year-out they shell out the cash for the scholarship fund.
2014 Christmas Party!
Scholarship & Member Awards

SCSITE President’s Award  Mike Ridgeway
For his years of contributions to the Section!

SCSITE Gavel  Joe Sturm
2014 President | 2013 Vice President
2012 Secretary/Treasurer

SCSITE Scholarship  Deja Jackson
South Carolina State University

SCSITE Scholarship  Stephen Fry
Clemson University

SCSITE Scholarship  Laura Matney
Clemson University

SCSITE Scholarship  Daniel McCullough, The Citadel

Gilbert/Rowe Scholarship  Daniel McCullough, The Citadel

Stafford/Clark Scholarship  Richard McCarter, University of South Carolina

SCSITE Scholarship  Richard McCarter, University of South Carolina
NEW MEMBER SPOTLIGHT!

MARK SHORT — SHORT COUNTS

Mark is the owner/operator of Short Counts, LLC, a traffic data collection firm founded in 2004. He is a graduate of Coastal Carolina University with a BA in dramatic studies and attended USC for post-graduate studies in history. Mark founded Short Counts after working summers for Wilbur Smith, performing traffic counts, as a starving graduate student. Today, Mark lives in Simpsonville, SC with his wife Alexis and their four pets (two dogs and two cats). They welcomed their first child, a little boy, at the end of 2014.

When not managing Short Counts, Mark enjoys a relaxing round of golf, fishing, and working on old cars. He’s currently in the process of restoring a 1967 Mustang and a 1965 Chevy Corvair convertible.

GREG SHAW — SCDOT

I graduated from Clemson in 1984 and have served 25 of my 30 years with SCDOT as the District 4 Traffic Engineer. I married the lovely Angelita Garrison and we live in Rock Hill. We love to work on special projects or activities with our children, travel, and pursue activities such as skiing, rock climbing, road or mountain biking, hiking, and motorcycle riding.

STUART DAY — STANTEC

Stuart grew up in the suburbs of Atlanta and attended Clemson University, where he received a bachelor’s degree and a master’s degree. While at Clemson, he was on a Traffic Bowl Championship team. He worked in Atlanta for 7 years doing road design and traffic signal design. After growing tired of the Atlanta traffic, he recently moved to enjoy the lifestyle of South Carolina. He now works in North Charleston for Stantec, where he does traffic signal design and traffic studies. Stuart and his wife, Anna Claire, live in Charleston with their yellow lab, Cotton. Stuart enjoys doing projects around the house, including yard work, and loves Clemson football.
NEW MEMBER SPOTLIGHT!

KATELYN LOVE – STANTEC

Katelyn Love earned a bachelor’s and a master’s degree in civil engineering from Clemson University. She recently joined Stantec as a transportation designer in the Charleston office. Katelyn’s family lives in Chester, SC and enjoys visiting her at the ocean every chance they get. After leaving God’s Country (Clemson), she now enjoys mountain biking, running and paddle boarding with her dog Willie aka Hot Sauce.

STUART TIMMONS — CDM SMITH

Born in good ole Sumter, SC but mostly grew up in Summerville, SC. In high school I played basketball, soccer, and golf. Our family has always enjoyed being on the water so most weekends you would find me on the rivers in Charleston or at Santee tubing, water skiing, or fishing. My family has relocated from Summerville to Lexington so they are just down the road. I have two brothers Tyler and Austin; Tyler is a recent graduate from USC and Austin is currently enrolled as a freshmen. We still go out on the boat a good bit now that our whole family has moved closer to Columbia. Lake Murray is just a few minutes from my parents and we love to go striper fishing/relax at Sandy Beach. Still try to find time to get out and play basketball, flag football, and golf. I went to school at University of South Carolina where I received a BS in Civil Engineering. I started interning at the SCDOT my junior year and continued working there after graduation for a total of 4 years. Last June I decided to give the consulting world a try and took a position with CDM Smith in their Water Resources Division. Our group mostly focuses on hydrology and hydraulics related to transportation (storm drainage networks, culvert, bridges, water quality structures, etc).
**CALL FOR PRESENTERS**

We are on the lookout for some great presenters, so if any of you have some new interesting projects please let Liz Carpenter know at elizabeth.carpenter@secor.com and we will sign you up!

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**VENDOR DAY 2015!**

**FREE ADMISSION | FREE LUNCH | DOOR PRIZES**

**WHEN:** Thursday, May 7, 2015

**WHERE:** Brookland Banquet & Conference Center, West Columbia, South Carolina

Don’t miss a great opportunity to meet with local signal equipment, signing and marking, and safety field crews regarding the equipment they use on a daily basis in the field! There will be opportunities for PDHs and networking!

Two technical sessions with four presentations will begin at 9 AM and 2 PM.

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**CO-SPONSOR: CLEMSON T3 (TECHNOLOGY TRANSFER SERVICE)**
SOUTHERN DISTRICT NEWS
LORI CAMPBELL, P.E., PTOE

SOUTHERN DISTRICT ANNUAL MEETING – 2015
Registration is now open for the 63rd Annual SIDTE Meeting. The meeting will be held in Biloxi, Mississippi April 19-22. For more information on registration, sponsorship and hotel reservations see http://sdite2015.org/.

SOUTHERN DISTRICT 2016 OFFICER ELECTIONS
Eligible voting members of the Southern District may now go online and vote for 2016 officers. Listed herein are the candidates for officers for 2016. Candidate bios are available here:

<table>
<thead>
<tr>
<th>PRESIDENT:</th>
<th>Hollis Loveday, P.E.</th>
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<tbody>
<tr>
<td>VICE-PRESIDENT:</td>
<td>Jennifer Bihl, P.E.</td>
</tr>
<tr>
<td></td>
<td>(Go South Carolina Section!!)</td>
</tr>
<tr>
<td>SECRETARY-TREASURER:</td>
<td>Jonathan Kiser, P.E.</td>
</tr>
<tr>
<td></td>
<td>Scott Walker, P.E.</td>
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</tbody>
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To vote, you must be a member of ITE. Student members and affiliates are not eligible to vote.

Balloting will close promptly at 5:00 PM EDT on Tuesday, March 31st. The results of the electronic voting will be announced via conference call with the SDITE Executive Board and the candidates prior to the Annual Meeting.

To vote, go to the SDITE Members Zone and log in here:
http://sdite.org/members_zone/

If you experience difficulty in casting your ballot, please contact Craig Hanchey, SDITE District Administrator, at craig.hanchey@neel-schaffer.com

Note: The ballot includes a proposal to increase dues. You may review information pertaining to the dues increase ballot initiative here:
During the legislative session that ended in May/June, the state legislature passed a statewide texting while driving ban that supersedes all local laws regarding the use of cells phones while driving. Regrettably, no progress was made on road funding. H. 3412 was introduced with a collection of funding proposals, but it was never even debated in the Senate.
TREASURER’S REPORT
Ryan Eckenrode, P.E., PTOE

As of 01/31/2015, we have $12,188.78 in our section’s checking account. This amount is on track to meet the goals that we have established for the year. Without these funds, we would not be able to offer the educational and networking opportunities that are beneficial to us all.

Scholarship balances, as of last year, are as follows:

- Rowe - $29,344.68
- Stafford Clark - $32,226.99

Our PayPal account, which we can draw from at any time, has a balance of $319.16 as of 01/31/2015, which is the result of section members paying annual dues through the website.

2015 MEMBER DUES ARE DUE NOW!

If you have not yet paid dues for 2015, you may do so in a few ways: send your payment to me at the address below, pay me at an upcoming section meeting, or through PayPal.

Thank you so much for your continued support of the section!

Ryan Eckenrode c/o AECOM
10 Patewood Drive, Building VI, Suite 500
Greenville, SC 29615

PAY YOUR DUES ONLINE WITH PAYPAL

Now you can conveniently pay your Section Dues online through PayPal using your credit card!

Please visit the section’s website at www.SCS-ITE.org, click on the PayPal link, and follow the simple on-screen instructions.

The entire process is quick and easy to follow. If you are unsure if your section dues are current, please contact Ryan at ryan.eckenrode@aecom.com and he will let you know your status.

SCSITE SHIRTS & VISORS FOR SALE!

Please contact Joe Sturm for an SCSITE Logo Shirt or SCSITE Logo Hat and Ryan Eckenrode for an SCSITE Logo Visor!
Community Service Project:
Citadel students are engaged in a community service project to address engineering structural, seismic and civil/site deferred maintenance issues for a historic church and rectory in the local community, Sacred Heart Catholic Church, Charleston, SC. Students are working with practicing engineers to prepare a formal engineering report of needed repairs, estimated costs, and fund raising. As part of the overall project students Christopher Cook and Kevin Mitchell are conducting a traffic circulation and parking study for the church and school. Rector and Citadel Chaplin, Father Willeay, says, “This crucially important work by Citadel students is a great gift of their talent and service to preserving the church facilities that are so cherished by our parish community.”

Transportation Competition, ASCE Carolinas Conference: Students Greg Maris and OC Joseph Page, USN, are heading up The Citadel Transportation Competition Team for the 2015 ASCE Carolinas Conference hosted by Georgia Tech, April 9-11. Teams will be presented with a transportation problem and asked to develop an innovative conceptual solution through application of principles of transportation planning, traffic operations and highway design. Teams will have two hours to prepare a solution, organize submittal material and prepare a 5-minute presentation to be judged by a panel of transportation engineers.
Bringing greetings from the SCSU chapter, this past semester has been quite the success. Four MST students presented their research papers at the 55th Transportation Research Forum Annual Meeting held in San Jose, California March 13th-15th, 2014.

Ms. CoDanielle Green’s presentation was entitled “Assessing the Minimum Speed Limit and the Affects it has on Safety across the Interstate Highways of SC.”

Ms. Chandani Malla’s work was entitled “The Influence of Horizontal Distance on the Quality of Vehicle Speed Data Collected Using Mobile Devices Applications.”

Mr. Keith Tanner’s presentation was entitled “The Impact of Distracted Driving on Pedestrian Fatalities.”

Mr. Jamario White’s research was entitled “Distracted Walking: A Review of Policies and Data Needs.”

Furthermore, an undergraduate student, Mr. Dennis Burgess was awarded a Transportation Scholarship by SCITE.

Ms. Chandani Malla’s paper, listed above, was awarded 1st place of the Outstanding Graduate Student Papers by the Southern District Institute of Transportation Engineers. The SCSUITE Chapter wishes these bright students the best in their future endeavors. Considering these students were the President and Vice-President of the SCSUITE, new leadership has been elected. Ms. CoDanielle Green serves as President, while Mr. Keith Tanner acts as Vice-President and Ms. Lataya Dickie as Secretary. Continuing the progress, five MST Students completed research papers during the summer; papers were submitted to the Transportation Research Board.
The Clemson Chapter of the Institute of Transportation Engineers continues to be an active and influential student chapter both on campus and in the community by providing opportunities for its members in professional developments, technical research, fund-raising, community service, and social activities. Our chapter wrapped up the 2014 year by winning both “2013 SDITE Best Student Chapter Award” and “2014 William H. Temple Scholarship Challenge” award.

During the spring, several student chapter members attended 62nd SDITE annual meeting held in Greensboro, Georgia from March 30 to April 2014. Chapter members Adika Mammadrahimli, Kweku Brown, Vijay Bendigeri and Faculty Advisor Wayne Sarasua rode bicycles to the conference as a part of a bicycle awareness campaign. While our original intent was to ride the entire distance over 2 days, a rainy Saturday to start our ride on Sunday morning. We covered roughly 45 miles of South Carolina countryside before catching a ride with other students who drove to the conference in a van. It is ironic that only a few weeks after returning from the conference that our chapter President, Vijay Bendigeri, was injured in a bicycle collision with a car. The car failed to yield and clipped Vijay’s bike sending him to the pavement. Vijay spent several weeks in the hospital and is still recovering. He received many visitors during his hospital stay including fellow students, faculty, friends and even SCSITE member Gaye Sprague.

The theme of the SDITE conference this year was “Progress Over Process”. At the meeting, our Clemson Chapter was recognized as the year’s Best Student Chapter in the Southern District based on our activities during the previous year. Student members Melissa Gende, Stephen Fry and Andrew Stokes represented South Carolina in the annual William H. Temple Scholarship Challenge, AKA “The Traffic Bowl,” and performed exceptionally well ousting the eight other state teams in the tournament. Overall the conference was a huge success for our chapter and its members.

Our spring meetings included great talks from Allen Yu (City of Sumter), Rick Reiff (Stantec), Shubendu Mohanty and Jody Peace (Arcadis), and Ryan Eckenrode (AECOM). All of the talks were well attended and very well received by the students.

In June, a number of students attended the SCSITE meeting at CU-ICAR. The students toured some of the facilities and listened to a great talk on traffic adaptive signal coordination.

The Clemson traffic bowl team represented the Southern District at the 2014 ITE Annual Meeting and Exhibit in Seattle, Washington for international traffic bowl championship. The conference was held from August 10 to 13, 2014. The team competed fiercely with the University of Florida and Purdue finishing second in their bracket. A gentlemen’s bet between faculty advisors netted a few bottles of honey that are “in the mail.” The conference provided excellent networking and professional development opportunities for the members.
TRIVIA

NEW MEMBER SPOTLIGHT — TWO TRUTHS & A LIE!

We’ve asked our new members to each tell us two truths and one lie. Be the first one to identify the most lies correctly to be recognized in the next issue and receive a $5 discount at the next meeting. Email your answer to sturmjp@scdot.org

MARK SHORT
1) Mark is a commercially rated aircraft pilot.
2) Mark once played a round of golf at Pebble Beach.
3) Mark has been an extra in 4 movies filmed in the Carolinas, including The Patriot and Radio.

GREG SHAW
1) I have hiked Half Dome round trip in one day and hiked in/out of the Grand Canyon in one day (different days).
2) I had a sub 70 round of regulation golf: as great as I am at golf.
3) I have been chased by a grizzly bear.

STUART TIMMONS
1) President of my fraternity in college
2) Swam in the Red Sea
3) Champions of our Flag football league

KATELYN LOVE
1) I think that country music is the best music
2) I have rescued a dolphin and named it Rose
3) I race dirt bikes

STUART DAY
1) Stuart has raced on Atlanta Motor Speedway.
2) Stuart was part of a world record attempt involving kazooos.
3) Stuart honeymooned in Bora Bora at the same time that the Kardashians were filming “Keeping up with the Kardashians”.

LAST ISSUE’S BRAINTEASER ANSWERS

Question: If you arrive late to a Cannibals-only dinner party, what will the host likely do?

Matt Kelly of SCDOT wins: “The host will give you the cold shoulder.”
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.

The Citadel Student Chapter Advisor: Jeff Davis, jeff.davis@citadel.edu
USC Student Chapter Advisor: Nathan Huynh, huynhn@cec.sc.edu
SC State Student Chapter Advisor: Judith Mwakalonge, jmwakalo@scsu.edu

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**Membership:** Ryan Eckenrode — AECOM, ryan.eckenrode@aecom.com

**Newsletter:** Rick Reiff — Stantec, rick.reiff@stantec.com

**Scholarship:** Rick Reiff — Stantec, rick.reiff@stantec.com

**Social:** Mike Ridgeway — SRS Engineering, mridgeway@srsengr.com

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**SC State Student Chapter Advisor:** Judith Mwakalonge, jmwakalo@scsu.edu

**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 and International ITE.

Please submit any news on members, the section, or the profession to Rick Reiff at rick.reiff@stantec.com or Stuart Day at stuart.day@stantec.com