

DRIVER

President's Message



It is a great time to be a traffic engineer in South Carolina with all the exciting projects going on around the state. The upstate alone seems to be a construction zone as of late with the ongoing work on the I-85/I-385 interchange and along I-85 between Greenville and Spartanburg. For the first time in 30 years, a Motor Fuel User Fee of a \$0.02 increase went into effect on July 1st bringing the total fee per gallon to \$0.18. By July 1st, 2022, the Motor Fuel User Fee per gallon will be \$0.28. This is expected to generate hundreds of millions of dollars for future road funding.

Hurricane Irma delayed the annual Scholarship Golf Tournament to October 12th. Despite being a month later, the weather was very warm and turned out being a great day for golf. Our guest speaker was State Representative Nathan Ballentine who provided an update on the recent Motor Fuel User Fee legislation. This golf tournament also marked the 10th year of the Don Turner Championship Jug. A big thanks to Mike Ridgeway for planning this tournament and for all the volunteers and our gracious sponsors.

On October 25th, a joint SCSITE and GAITE Technical Exchange was held in Greenville, SC with a "Resilience" theme. The presentations were very interesting which included topics on autonomous vehicle research and lessons learned from responding to catastrophic events caused by snow, flooding, and bridge collapses. Over 60 people attended from the combined states. We are thankful for our three sponsors AECOM, Tylin, and Arcadis who helped offset the registration costs.

Finally, the annual Christmas Party is planned for December 7th at Wild Wings in Columbia. The party is free to members with who pay their 2018 dues. Three scholarships will be awarded to students, and we will welcome our new Secretary / Treasurer to the Board of Directors. This is also a good time to reflect on all the events that took place this year.

February 17, 2017 – SCSITE Winter Meeting – Clemson Chamber of Commerce - Clemson, SC

March 26-29, 2017 – SDITE Meeting – Downtown Marriott - Columbia, SC

June 14, 2017 – SCSITE Summer Meeting – City Hall - North Charleston, SC

October 12, 2017 – SCSITE Golf Tournament – Northwoods Golf Club - Columbia, SC

October 25, 2017 – GAITE / SCSITE Technical Exchange – University Center – Greenville, SC

December 7, 2017 – SCSITE Christmas Party – Wild Wings – Columbia, SC

Being president is easy when you have a great support staff. I have enjoyed serving as SCSITE president this past year and look forward to passing the torch to Berry Mattox in 2018. The members of SCSITE are the best, and I encourage everyone to get involved and share your talents with the section. I will look forward to seeing everyone at the Christmas Party!

- Ryan

IN THIS ISSUE

NEW MEMBERS	P.2
NEW MEMBER SPOTLIGHT	P.2
HOLIDAY PARTY REMINDER	P.3
2017 SUMMER MEETING RECAP	P.4
GOLF TOURNAMENT SUMMARY	P.5
GA/SC JOINT MEETING RECAP	P.6
TREASURER REPORT	P.7
LEGISLATIVE UPDATE	P.7
CLEMSON ITE UPDATE	P.8
CITADEL ITE UPDATE	P.10
THE LAST MILE	P.11



SCSITE Board



President
Ryan Eckenrode,
AECOM



Vice President
Berry Mattox,
SCDOT



Secretary Treasurer
Matt Fleming,
Ramey-Kemp & Associates



Immediate Past President
Rick Reiff,
Ramey-Kemp & Associates



Affiliate Director
Joe Mattox,
SCDOT



Section Representative
Lori Campbell,
SCDOT

Welcome New Members!

SCSITE is proud to announce that there were 7 new members that joined the section in 2017! We are happy to have y'all in the South Carolina Section of ITE and look forward to seeing you at future meetings!

Bonnie Bird

Arielle Ferber

Molli LeMin

Andy Egan

Rochelle Garrett

Andrew Mix

Tyler Clark

New Member Spotlight

Tyler Clark

Tyler is an Assistant Safety Projects Program Manager at the Department of Transportation in the Traffic Engineering Division. Previously, Tyler spent nearly 4 years in the District One Office handling a variety of commercial encroachment permits. He is a 2011 graduate of the University of South Carolina with a Bachelor's of Science in Civil Engineering. He resides in Cayce with his wife, Sammy, and their dog Zoey.

Tyler enjoys traveling, cooking, golf, and is an avid Gamecock Fan.



Rochelle Garrett, PE

Rochelle is a Senior Traffic/Signal Engineer for AECOM in Greenville and has 30 years of experience as a traffic engineer in both the public and private sectors. The first 20 years of her career was split between SCDOT District 3 and with another consulting firm in Greenville, South Carolina. Her experience covers a wide breadth of traffic engineering services from Engineer of Record for signing, pavement marking, and signal plans to traffic impact studies, safety studies and road diet studies. For the past 10 years, Rochelle has had Project Management experience with FDOT on signing, pavement marking, ATMS and lighting projects and has made numerous presentations to professional organizations, FDOT Design Conference, FDOT Freight and Logistics Academy, staff, citizen groups and MPO planning organizations. Welcome back to South Carolina, Rochelle!





The South Carolina Section of the Institute of Transportation
Engineers Cordially Invites You to Our

ANNUAL HOLIDAY PARTY

Thursday, December 7th
6:00 p.m. to 8:00 p.m.

Wild Wings
729 Lady Street
Columbia, SC, 29201

Cost: Members (+1 guest) FREE with 2018 Dues

Please R.S.V.P. by December 1st to
Berry Mattox at
mattoxtb@scdot.org

Summer 2017 Meeting Recap

The SCSITE Summer meeting took place on Wednesday, June 14th at North Charleston City Hall. The meeting included the following three presentations, which gave an extensive look at the major expansions/projects taking place around the Port of Charleston:

Presentation: SCDOT Port Access Road Design-Build Project

Presenters: Jae Mattox, P.E. – SCDOT Design-Build Program Manager
Daniel Burton, P.E. – SCDOT Resident Construction Engineer

Presentation: Hugh K. Leatherman, Sr. Terminal Project

Presenter: Jim Van Ness, P.E. – Director, Engineering and Permitting at the South Carolina Ports Authority

Presentation: Navy Base Intermodal Facility Project

Presenter: Tarek Ravenel – Palmetto Railways Director of Special Projects and Project Manager for the Navy Base Intermodal Facility

Thanks to all of the 30+ attendees!



Local News Interest

This past week, Clemson University, the Alma Mater of many of our members imploded Clemson House, a beloved landmark on campus. A still from the video is below.



2017 GOLF TOURNAMENT SUMMARY

We held our annual golf tournament a little later this year due to the hurricane threats in September. The tournament was held on Thursday October 12th at Northwoods (The Spur). The weather was unusually warm for October, but we had a great day, with 18 teams competing for the Don Turner Championship Jug.

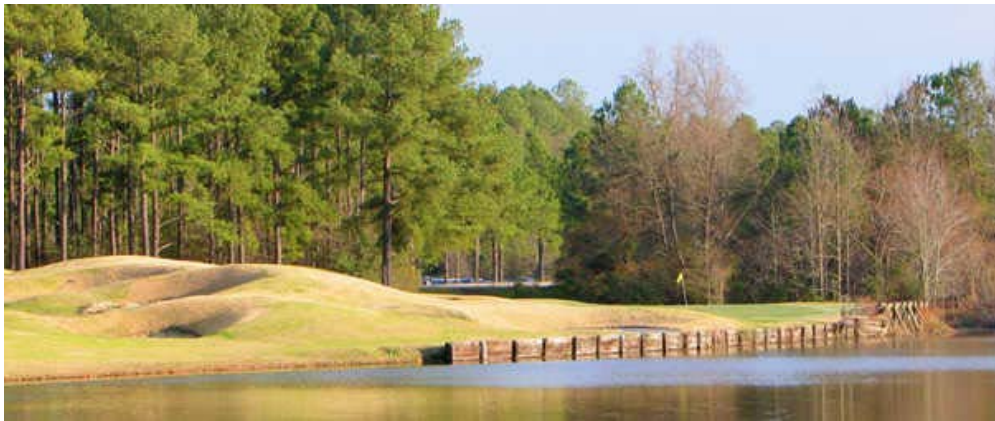
Many thanks to all those who helped make this day another huge success. And a special thanks to State Representative Nathan Ballentine for being our guest speaker.

This year's tournament winners were:

First Place: Matt Short, Mark Short, Lawrence Hammonds, & Fred Rivers

Second Place: Dylan Windham, Jason Rucker, Mark Attaway, & Chris Gaskins

One final shout-out for our wonderful sponsors. We are successful because of our generous sponsors. THANK YOU!



THANK YOU GOLF SPONSORS!

3M	ICE	Stantec
AECOM	Jacobs Engineering	STV
Bihl Engineering	Kimley-Horn	Temple
Campco Engineering	Mead & Hunt	Traffic Data Connection #1
CDM Smith	Michael Baker	Traffic Data Connection #2
CECS	Parrish & Partners	Trafficware
CohuHD Costar	Ramey-Kemp	Utilicom Supply
Davis & Floyd	Ridgeway Traffic Consulting	Wavetronics
Davenport	S&ME	WK Dickson
E Haselden & Associates	Short Counts	
HDR	Short Engineering & Consulting	
Howard Chapman	Sprague & Sprague	

2017 GA/SC Joint Technical Exchange Recap

October 25, 2017 – University Center

Greenville, SC

A joint GASITE / SCSITE meeting was held at the University Center in Greenville, SC on Wednesday October 25, 2017. Over 60 people attended the meeting from both Georgia and South Carolina. In addition, several students attended from Clemson University. The technical presentations were very well received which included topics on autonomous vehicles research and responses to catastrophic events from snow, flooding, and bridge collapses.

- Clemson Autonomous Vehicle Research by Mashrur "Ronnie" Chowdhury
- Moving Toward Climate-Resistant Transportation by Fangru Wang & Peter Hylton
- PMG Software Data Access Solutions by Mitch Stephens
- DOT Emergency Coordination with Mapping Services by Lori Campbell
- I-85 Bridge Collapse and Response by Matt Glasser and John Hibbard
- MARTA's Response to I-85 by Ivelisse Matos



Thank you to our 2017 Technical Exchange Sponsors!

AECOM

ARCADIS | Design & Consultancy
for natural and built assets

TYLIN INTERNATIONAL

Treasurer Report

As of 11/27/2017, we have \$22,474.21 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.

Our PayPal account, which we can draw from at any time, has a balance of \$2,949.80 as of 11/27/2017, which is the result of section members paying for annual dues, meeting registrations, and golf tournament sponsorships through the SCSITE website.

Soon, our section will be making its annual contribution to our scholarship funds. Until then, scholarship balances, as of 9/30/2017, are as follows:

Rowe - \$32,249.41

Stafford Clark - \$33,062.33

For those of you wishing to pay your 2018 dues, you may do so now via our website or send a check payable to SCSITE to Matt Fleming.

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

-Matt Fleming

Legislative Update

The primary legislative news in South Carolina right now is the SCDOT's unveiling of the plan for using the gas tax increase adopted by the Legislature during the last legislative session. Here is how SCDOT introduces the plan on the Department website:

"For the first time in 30 years, the South Carolina Department of Transportation has been provided with an increased and sustainable revenue stream. The Roads Bill passed by the South Carolina General Assembly went into effect on July 1, 2017, giving the agency the opportunity to make gradual, but real and significant strides toward bringing the highway system back from three decades of neglect."

Obtain details on improvements planned on the website: <http://www.scdot.org/tenyearplan/>

-Gaye Sprague



CLEMSON ITE UPDATE

The Luther Fant Clemson ITE Student Chapter has continued its active ways since the May Newsletter. After the spring semester ended, chapter members worked on football traffic planning during the summer in preparation for the 2017 season. The traffic bowl team

The big event this past summer occurred from July 30 to August 2 when members Stephen Fry, Sarath Gorthy, Laura Matney, and Andrew Proctor along with chapter co-advisor Dr. Ogle had the pleasure of attending the Joint ITE/CITE 2017 Annual Meeting and Exhibit in Toronto, ON, Canada. The meeting brought together ITE members from across the world to be a part of engaging discussions and activities. Stephen, Sarath, and Laura competed in the annual ITE Collegiate Traffic Bowl Grand Championship. The team defeated last year's champion Purdue in a preliminary round but came up short of winning the championship. In addition to attending the Annual Meeting, the Clemson were able to explore sites of Toronto and take a road trip to Niagara Falls.



The last event of the summer was a Clemson ITE-sponsored social at Dr. Sarasua's house to celebrate the 4 recent graduates Hind Ali, Nancy Chhetri, Stephen Fry, and Laura Matney.



CLEMSON ITE UPDATE (CONT.)



During the fall semester, the Clemson ITE Chapter had numerous meetings including a joint meeting with the Clemson IEEE Student Chapter. Guest speakers at our meetings included Dr. Essam Radwan from the University of Central Florida, Dr. Pamela Murray-Tuite, the latest addition to the Clemson Civil Engineering Faculty; and Dr. Ronald W. Eck, P.E., Professor Emeritus of Civil Engineering at West Virginia University. Other fall activities included attendance at the joint SCSITE/Georgia ITE technical Exchange held in Greenville (Dr. Chowdhury was a speaker) in October and participation at GIS Day held at the Cooper Library on campus (Dr. Sarasua and Dr. Ogle were speakers). Members Niloofar Asadi and Leonildo Cassule submitted posters as part of the GIS Day geospatial poster competition. Leonildo's poster won while Niloofar's poster came in 2nd.

For the Clemson vs Citadel football game, our Chapter held a very successful tailgate fundraiser in the Lowry Hall courtyard. The event was attended by many alumni and included tours of the newly remodeled Lowry 100 classroom. This event was made possible by the generosity of the following companies: Stantec, KCI, Jacobs, WSP, E. Haselden & Associates, and Quality Counts.





CITADEL ITE UPDATE

Sept. 26, Citadel Applies for Student Chapter -- After many years as an ITE Club, The Citadel has applied for approval as a Student Chapter through a petition to Robert Baker, Jr., Chair, Dist. 5 ITE, Education and Student Chapter Committee. The Citadel currently has 16-student members and 3-faculty members. The inaugural Chapter President will be Allen Boyd, a veteran student who is employed by Stantec. The application will be reviewed for approval by ITE District 5 Board during their December meeting.



Oct. 17, Palmetto Commerce Park/I-26 Interchange Public Meeting, N. Charleston, SC -- 27-students, 1-faculty attended a public meeting for the Palmetto Commerce Interchange on I-26 in N. Charleston, learning about interchange design and alternative analysis, developing a better understanding of public engagement, interacting with design engineers, and gaining valuable knowledge for their Capstone Design project, which involves development and design of a similar interchange project, over a 2-semester course.



Oct. 25, City of Charleston Transportation Planning Workshop Charleston, SC -- 5-students, 2-faculty participated in a public design charrette conducted by Stantec and hosted by Boomtown to develop future transportation plans for the City of Charleston. 125 workshop participants included: Mayor, City Council, State Senate, City staff, local media, civic leaders, advocates, and general public.



Nov. 3, Center for Connected Multimodal Mobility (C2M2) Conference, Clemson, SC -- 4-students, 2-faculty participated in the conference along with 60 other attendees including state transportation leaders and colleges/universities from across SC. Dr. Chris Hendrickson, Emeritus Professor, Carnegie Mellon University, national expert on connected vehicle research provided the keynote address, along with Mr. Jim Feda, SCDOT, Deputy Secretary for Intermodal Planning. The conference also involved field demonstrations of connected vehicle technology.



Nov. 16, Southeast Region UTC Conference, Gainesville, FL

4-students, 3-faculty participated in the 5th Annual UTC conference hosted by University of Florida. 200 students, faculty, researchers and public officials from a 10-state region participated in the conference, which included concurrent sessions on transportation infrastructure, operations, safety, field demonstrations of connected vehicle technology, and over 60-posters describing student research. The Citadel delegation included Mr. Terry Swygert, SCDOT Research Engineer who participated in a State DOT panel discussion on research programs and UTC cooperation.

The Last Mile



Interesting Fact!

Over a lifetime, the average person spends two weeks waiting for a traffic light to change.

Transportation Quote (think Transit!):

"No road is long with good company."

If you have any facts, quotes, memes, etc. that you would like featured in "The Last Mile", please send them to Stuart.Day@Stantec.com

Contact Your Leadership

PRESIDENT

Ryan Eckenrode, P.E., PTOE

AECOM

10 Patewood Drive, Building VI, Suite 500

Greenville, SC 29615

P: 864.234.8931

ryan.eckenrode@aecom.com

VICE PRESIDENT

Berry Mattox, P.E.

SCDOT Program Manager

955 Park Street

Columbia, SC 29202

P: 803.737.1805

mattoxtb@scdot.org

SECRETARY/TREASURER

Matt Fleming P.E., PTOE

Ramey-Kemp & Associates

7301 Rivers Avenue, Suite 242

North Charleston, SC 29406

P: 843.614.3802

mffleming@rameykemp.com

PAST PRESIDENT

Rick Reiff, P.E., PTOE

Ramey-Kemp & Associates

7301 Rivers Avenue, Suite 242

North Charleston, SC 29406

P: 843.614.3800

rreiff@rameykemp.com

SDITE SECTION REPRESENTATIVE

Lori Campbell, P.E., PTOE

SCDOT District 1

1400 Shop Road

Columbia, SC 29201

P: 803.737.6660

campbellle@scdot.org

AFFILIATE DIRECTOR

Jae Mattox, P.E.

SCDOT Program Manager

955 Park Street

Columbia, SC 29202

P: 803.737.1805

mattoxjh@scdot.org