

ACEC Tennessee

American Council of Engineering Companies of Tennessee

THE VOICE OF TENNESSEE'S ENGINEERING COMPANIES

ACEC OF TENNESSEE PARTNERS

These companies provide Tennessee engineering firms with products and services and support the activities of ACEC of Tennessee through participation in the Partners Program. Additional information about these Partner Program participants is available at www.acectn.org.

Crow Friedman Group, LLC

Lellyett & Rogers Services

Jacobs Technology

**ACEC Business
Insurance Trust**

**ACEC Life/Health
Insurance Trust**

AE Guidance, LLC

C*Connect

**Concrete Paving Association
of Tennessee**

Crom Corporation

**Lewis, Thomason, King, Krieg
& Waldrop**

Ryan Search & Consulting

Sherman-Dixie Concrete Industries

Smith Cashion & Orr, PLC

Tennessee Concrete Association

TRTH Consulting

United Structural Systems, Inc.

Gresham, Smith and Partners take home the highest award – the Grand Iris!

We had another year of exemplary engineering in Tennessee, highlighted by the presentation of the Grand Iris Award to Gresham, Smith and Partners at ACEC's 2015 Engineering Excellence Awards. The highest honor bestowed at the annual competition, GS&P received this accolade for their Otter Creek Bridge Project, which replaced an existing bridge over Otter Creek on SR 254 in Davidson County that had become structurally deficient and functionally obsolete after more than 50 years of service. From demolition to finish, construction was completed in just 47 hours.

Gresham, Smith and Partners served as the design firm for the improvement project which included minimal roadway widening, substructure modification and full superstructure replacement and widening. The plans developed called for replacing the existing two-span structure with a single-span superstructure and provided for two precast units to be installed and joined over a single weekend in what was the first Accelerated Bridge Construction project undertaken by TDOT.



Left to Right: Chuck Saunders, PE (ACEC of TN President and ELI, LLC) and Paul Degges, PE and Terry Mackie with the TN Department of Transportation; and Ted Kniazewycz, PE (Gresham, Smith and Partners)

Executed without significant impact to motorists, the Accelerated Bridge Construction process used in the new bridge over Otter Creek eliminated months of inconvenient traffic backups in the busy corridor, subsequently reducing the carbon footprint, and saving end users both fuel and maintenance costs.

"These projects highlight some of the most innovative solutions developed by our members to solve engineering challenges across Tennessee and beyond the state's borders," said EEA Chair Kyle Peters, PE, Senior Project Manager, K. S. Ware & Associates, LLC.

In addition to the Grand Iris winner, ACEC compiled a list of worthy award recipients in the following categories; Building and Technology Systems; Water Resources; Stormwater; Transportation; Mapping Technology; Small Projects; Research and Consulting; Special Category; Environmental and Industrial and Manufacturing Processes and Facilities.

Board of Directors

President
Thomas L. "Chuck" Saunders, PE
 Energy Land & Infrastructure, LLC,
 Nashville

President-Elect
John Kenny, PE
 Facility Systems Consultants, LLC,
 Knoxville

First Vice President
Joe Ledford, PE
 Barge Waggoner Sumner & Cannon, Inc.,
 Knoxville

Second Vice President
Amy Spann, PE
 EnSafe Inc.,
 Nashville

Secretary
Patrick Neal, PE
 Pickering Firm, Inc.,
 Memphis

Treasurer
Tim Verner, PE
 Fisher & Arnold, Inc.,
 Memphis

Past President
David Harrell, PE
 Vaughn & Melton Consulting Engineers, Inc.,
 Knoxville

National Director to ACEC
Steve Field, PE
 Stantec Consulting Services, Inc.,
 Nashville

Director at Large
Logan Meeks, PE
 A2H, Inc.,
 Memphis

East Tennessee Chapter President
Mike Stomer, PG
 S & ME,
 Knoxville

Memphis Chapter President
David Bradford, PE
 Smith Seckman Reid, Inc.,
 Memphis

Nashville Chapter President
Mickey Sullivan, PE
 Gresham, Smith & Partners,
 Nashville

Southeast Tennessee Chapter President
Jon Sparkman, PE
 Stantec Consulting Services Inc.,
 Chattanooga

ACEC STAFF
Candy Toler
 Executive Director

Kasey Anderson

Judy Logue
 Manager of Member Services

A Change of Seasons

by Thomas L. "Chuck" Saunders, PE,
 President of ACEC of Tennessee

Spring is certainly welcomed back after one of Tennessee's most inclement winters in recent years. Winter took a heavy toll on the State's economy and infrastructure. Generally the public will forget as the



Chuck Saunders

splendor of spring reaches full bloom, but the maintenance and repair headaches will remain long into the summer. Now more than ever our fellow Tennesseans see the effects of underfunding infrastructure. It is not too late to reach out to your legislators about the critical funding initiatives currently being debated on the chamber floors.

Figuratively speaking, ACEC of Tennessee is entering a new season with the retirement of its longtime Executive Director Candy Toler. We wish Candy well in her new season of life and thank her for the many years of dedication to the engineers. So now, the Council welcomes a new Executive Director, Kasey Anderson. Kasey started on March 2nd to serve alongside Candy until she retires officially on April 30th. Ms. Anderson will take over the Director role on May 1st. Kasey is no stranger to Capitol Hill having served over 10 years in an executive director role prior

to joining ACEC of Tennessee.

As our esteemed Director Candy cited in her article, Engineers participated at a high level at our Day on the Hill. I am encouraged by the continued responsiveness of the Council's engineers to this important responsibility. As faces change on the Hill, it is incumbent upon this Council to make a meaningful statement for the issues of our profession, public health, safety and welfare. It is especially important that Council members embrace the importance of the Tennessee Engineers PAC and participate in the mission of ACEC.

ACEC convenes in DC on April 19th to promote the engineering profession and be its voice for engineers on Capitol Hill at the national level. Notable firms from Tennessee, Smith Seckman Reid, LDA Engineering and Ross Bryan Associates have entered projects in the national Engineering Excellence Awards competition. We wish them the best and are proud of their accomplishments representing Tennessee at the highest level.

Incoming President John Kenny of Facility Systems Consultants will lead this year's planning retreat on May 7th in Chattanooga. In a couple of months, my season will change to that of past president after a busy and productive year. I am proud of our accomplishments and the ACEC of Tennessee will be in great hands going forward.

Engineers' Day on the Hill



Left to Right - Kyle Horner (Robert G. Campbell & Associates, Knoxville); Brad Salisbury (Cannon & Cannon, Knoxville); Robert Campbell (Robert G. Campbell & Associates, Knoxville); Senator Richard Briggs; and Chris Jenkins (QK4, Maryville).



Left to Right - Richard Sullivan (Corradino Group, Brentwood); Clint Camp (Parsons Brinckerhoff, Nashville); Janey Camp (Vanderbilt University, Nashville); David Morse (Parsons Brinckerhoff, Nashville); and Mickey Sullivan (Gresham Smith & Partners, Nashville)



Left to Right - Randal Braker (Duck River Utility Commission, Tullahoma); Mike Cochrane (TTL, Nashville); Chuck Saunders (Energy, Land & Infrastructure, Nashville); Burkley Allen (I C Thomasson Associates, Nashville); House Speaker Beth Harwell; Lauren Reinbold (Terracon Consultants, Nashville); Ashley Smith (Stantec Consulting Services, Nashville); and Garland Rose (retired Barge Waggoner Sumner & Cannon, Nashville).



Left to Right - Brian Whitaker (Arcadis, Chattanooga); Jon Storey (Corradino Group, Brentwood); and Daniel Spann (Barge Waggoner Sumner & Cannon)

Engineering Excellence Pre-Awards Reception

Before the awards were announced for Engineering Excellence, guests gathered to network, review the project panels and cast their votes for the People's Choice Awards.



Left to Right - Pat Flood, PE, EEA Judge and TDEC; Justin Southwick, Wilmont Inc; and David Schilling, PE, Atkins Inc.



Left to Right - Daryl Corlew & Kollan Spradlin, K. S. Ware & Associates, LLC; Brent Collins, Turner Construction; Rich Zeller, Program Manager, Carpenter Technology Corporation; & David Korda, PE, Barge. Waggoner, Sumner & Cannon, Inc. reviewing the Project panels at the EEA Reception



Left to Right - Candy Toler, Executive Director ACEC, and Bob Day.



Left to Right - Brian Trotter (ICA Engineering) and Kasey Anderson (ACEC & TSPE)



Left to Right - Carol and Les Johnson (Keynote speaker, NASA Marshall Space Flight Center); Beth and Chuck Saunders

CALENDAR

**APRIL
19 - 22**

ACEC Annual
Convention & Legislative
Summit
Washington, D.C.
Information at
www.acec.org

**MAY
7**

ACEC of TN Board
Retreat
1 p.m.
ARCADIS,
Chattanooga, TN

**MAY
8**

ACEC of TN Board
Meeting, 8 a.m.
ARCADIS,
Chattanooga, TN

**MAY
25**

ACEC of TN and TSPE
Offices Close for
Memorial Day Holiday

**SEPTEMBER
17 - 18**

ACEC, TSPE, ASCE
Fall Conference

**ACEC of TN
is social!**

For more up-to-date news, photos, and events from ACEC of Tennessee, follow us online!



www.linkedin.com/company/acectn



@acectn_tspe



www.Facebook.com/ACECofTN

Engineering Excellence Awards Winners



In the *Building/Technology Systems* category **Smith Seckman Reid, Inc.**, won for the Methodist Olive Branch Hospital project. Pictured: Left to Right - Chuck Saunders, PE, ACEC of TN President & Energy, Land & Infrastructure, LLC; Tiffany Heard, PE, and Terry Compton, PE, Smith Seckman Reid, Inc.



In the *Water Resources* category, **Water Management Services, LLC**, won for the Hendersonville Utility District Water Treatment Plant Addition project. Pictured: Left to Right - Chuck Saunders, PE, and Steven Jones, PE, and Roger Boyers, PE, with Water Management Services, LLC.



For the *Waste and Stormwater* category **Brown and Caldwell** received the award for the Whites Creek Pumping Station Improvements. Brown and Caldwell also received the People's Choice award for the project. Pictured: Left to Right - Walter "PJ" Ashford, PE, (Metro Water Services) and Doug Yarosz, PE, with Brown and Caldwell.



In the *Transportation* category **Amec Foster Wheeler** won for the project CSXT Railroad Tunnel Fire Emergency Response. Picture: Left to Right - Chuck Saunders, Bernie Voor, PE, and Randy Zeiger with Amec Foster Wheeler.

For the *Surveying and Mapping* category, **EnSafe Inc.** received the award for their project, National Corvette Museum Microgravity. Pictured: Left to Right - Chuck Saunders, PE, and Ric Federico with EnSafe Inc.





In the *Small Projects* category, *KCI Technologies* won for the project Richland Creek Dam Removal. Pictured: Left to Right - Chuck Saunders; Paul Davis, Cumberland River Compact; Adam Spiller, PE, and Gary Mryncza, PE, KCI Technologies, Inc.; and Paul Sloan, Cumberland River Compact.



For the *Special Projects* category, *CDM Smith* received the award for the project University Commons Development. Pictured: Left to Right - Chuck Saunders, PE, and Jeff Mize, PE, with CDM Smith.



Cannon & Cannon, Inc. won in the *Studies, Research and Consulting* category for their project South Blount County Utility District. Pictured: Left to Right - Chuck Saunders, Seth Fisher and Houston Daugherty, PE, with Cannon & Cannon, Inc.



In the *Environmental* category, *EnSafe Inc.* received the award for their project Sustainable Groundwater Treatment. Pictured: Left to Right - Chuck Saunders, PE; Don Bradford, PG, and Craig Wise, PE, EnSafe Inc.

Barge, Waggoner, Sumner & Cannon, Inc. received the award for *Industrial and Manufacturing Processes and Facilities* category for their project Carpenter Technology Specialty Steel Mill. Pictured: Left to Right - Chuck Saunders, PE; Joe Ledford, PE, BWSC; Rich Zeller, Program Manager, Carpenter Technology Corporation; David Korda, PE, BWSC; and Brent Collins, Turner Construction.



MEMBER NEWS

Congratulations to the following new Professional Engineers:

Jermichael Anderson - Smith Seckman Reid

Neill Belk - Amec Foster Wheeler

Stefan Bobot - CHA Companies

Daniel Brough - Barge Waggoner Sumner & Cannon

Justin Bryan - Civil & Environmental Consultants

Lindsay Bryant - Smith Seckman Reid

Nathan Conrad - Kimley-Horn & Associates

Cody Crews - Gresham Smith & Partners

Kristen DeHaven - Smith Seckman Reid

Brian Donlon - Gresham Smith & Partners

Scott Embry - TTL, Inc.

Kevin Fix - Ross Bryan Associates

Mason Floyd - Brown & Caldwell

Alan Grissom - Cannon and Cannon

Cayce Grissom - CDM Smith

Tyler Johnson - Allen & Hoshall

Matthew Keiter - Civil & Environmental Consultants

Kyle Keith - IC Thomasson Associates

Katherine McGinnis - ETI Corporation

Nathan Melson - Littlejohn

Zachary Moore - Civil Site Design Group

Kabir Sandhu - Teasley Services Group

Emily Shrum - Amec Foster Wheeler

Chance Sudberry - Ross Bryan Associates

Wallis Wimbish - Pickering Firm

Laura Reinbold has joined Terracon as Director of Client Development, connecting colleagues to the expertise and resources offered by the company.

Daniel Spann, PE, PTOE, has joined Barge, Waggoner, Sumner and Cannon, Inc. as Director of Transportation Services.

Christopher A. Provost, PE, has joined Barge, Waggoner, Sumner & Cannon, Inc., as Chief Strategies Officer.

Barge, Waggoner, Sumner and Cannon, Inc., announced that Alissa Diminich, PE, and Patrick Stephens, PE, have joined the firm's Water Services department as Project Engineers.

Leadership PE Class Takes on TBI

This past January the ACEC Leadership PE Class stepped outside the daily discussion of all things engineering to get a taste of what a day is like at the Tennessee Bureau of Investigation (TBI). Participants toured the lab, forensics and

Homeland Security to get a behind the scenes look at the daily operations of the TBI. Some of the class members took their turn at firearms training and others tried their hand at a training video used to improve judgment in certain scenarios and retain details of various situations they may be involved in as agents at the TBI. Fun and learning went hand in hand at this Leadership PE session.



Front Row: Andy Stoebner, PE (Gresham, Smith and Partners); Judy Logue (ACEC/TSPE); Ashley Smith, PE (Stantec Consulting Services, Inc.); Rick Whitson, PE (TDEC) Second Row: Shane Hester, PE (TDOT); Jason Blankenship, PE (TDOT); John Barnett, PE (Metro Water Services); Trevor Cropp, PE (Barge Waggoner Sumner & Cannon, Inc.) Kyle Peters, PE (K. S. Ware & Associates, LLC); Ryan McDaniel, PE (A2H, Inc.) Third Row: Patrick Massey, PE (LDA Engineering); Chad McMurray, PE (A. Morton Thomas and Associates, Inc.); Eric Mayhaus, PE (Brown and Caldwell); Chad Braun, PE (USACE); Sean DeCoster, PE (Civil-Site Design Group, PLLC); Justin Eckel, PE (Volkert, Inc.) Fourth Row: Kyle Horner, EI (Robert G Campbell & Associates); Jason Conley, PE (I. C. Thomasson Associates, Inc.); David Morse, PE (Parsons Brinckerhoff, Inc.); Preston Hall, PE (Facility Systems Consultants, Inc.)

ACEC of TN Scholarships Awarded



Travron Taylor and Marti Bell won scholarships from ACEC of Tennessee and will compete for scholarships from ACEC (national).

Marti Bell will be a junior at UT-Knoxville next year in chemical engineering with an Honors Biomolecular Concentration. Marti, who is from Knoxville, has a 3.97 GPA. Last year she served as an undergraduate research assistant doing cell culturing, lab experiments with flow cytometer and general lab duties. She is active on the campus in a variety of organizations.

Travron Taylor, from Millington, is a junior this year in civil engineering at UT-Chattanooga, with a 3.47 GPA. He has served as a tutor and mentor. In the summer of 2013 he worked at Oak Ridge National Laboratory as the Volkswagen Distinguished Scholar and Student Research Intern on a research project involving implementation of additive manufacturing to the design process.

Chuck Saunders, PE, (ACEC of TN President) presented Travron Taylor (University of Tennessee Chattanooga) one of the 2015 ACEC of TN scholarship awards.

This Will Be the Last Time

by Candy Toler
Executive Director, ACEC of Tennessee

It is hard to believe that this is my last newsletter article. It has truly been an honor to have served as the executive director for ACEC of Tennessee and TSPE for almost 16 years. I have learned a lot about engineers and engineering.

I know why engineers are rated so highly in Harris polls - as an ethical profession and as examples. It is one of the top professions that parents say they want their children to enter.

My last Engineers' Day on the Hill was a huge success - thanks so much to the 90 people who participated and promoted our public safety agenda! The issues this year include:

- opposing a bill to remove the requirement that state building codes supersede all less stringent provisions of municipal ordinances (HB 628/SB 620);
- opposing a "caption bill" we expect to be amended to weaken the seismic code requirements in Memphis (HB 1081/SB 1149);
- opposing an increase in the threshold from \$25,000 to \$100,000 for public works projects requiring a design professional (HB 823/SB 978);
- supporting long-term, sustainable funding to meet identified transportation needs;
- removing engineers and architects from legislation to authorize cooperative purchasing agreements for procurement of goods and services (HB 84/SB 95);
- opposing a bill to allow local government to opt out of the International Energy Conservation Code for buildings classified for industrial and storage uses (HB 1261/SB 1346).

If you were not able to be in Nashville for the grassroots lobbying effort on March 3, it's not too late . . . your legislators appreciate hearing from constituents and welcome your input.

Next on the horizon is ACEC's Annual Convention and Legislative Summit April 19-22 in Washington. With Congress working on infrastructure, the lobbying effort at the convention will come at an important time. Tennessee engineers will visit with our federal legislators to discuss these issues.

The Engineering Excellence Awards banquet last month set an all-time record attendance of 330 people! What an evening it was in celebration of Tennessee engineers and their exemplary projects. Les Johnson talked with us about exciting developments in space flight.

Thank you for giving me the opportunity to work with you. It has been a lot of fun and a lot of hard work, especially at this time of the year!



Candy Toler being honored at the EEA banquet for her service and dedication throughout the years.



Candy Toler with Speaker of the House, Beth Harwell.

Engineering Excellence Awards

Thank You Sponsors!

Platinum Sponsor
Crow Friedman Group

Gold Sponsors
Garney Construction
Lellyett & Rogers Company

Silver Sponsors
Brown and Caldwell
Jacobs Technology
K.S. Ware & Associates, LLC
Ryan Search & Consulting
TN Road Builders Association
TTL, Inc.

Bronze Sponsors
ACEC Life Health Trust
AECOM
ARCADIS U.S., Inc.
Barge, Waggoner, Sumner & Cannon, Inc.
Bell & Associates Construction
Eco-Tech, Inc.
J.T. Guthrie & Son Inc.
Kimley-Horn and Associates, Inc.
McMillen Jacobs and Associates
Parsons Brinckerhoff
Ross Bryan Associates, Inc.
Sain Associates
SAK Construction
Sherman-Dixie Concrete Industries
Smith Seckman Reid, Inc.
Turner Construction
United Structural Systems, Inc.

Door Prize Sponsors
Embassy Suites Murfreesboro
Franklin Marriott Cool Springs

Thank You Committee Members!

Chair
Kyle Peters, PE - K.S. Ware & Associates

Co-Chair
Brian Hall, PE - AECOM

Members
Leanna Whitwell, PE - TTL, Inc.
Tiffany Henderson - TRTH Consulting
Donna Corlow, C*Connect
Houston Daugherty, PE - Cannon & Cannon
Richard Holt, PE - Sain Associates
John Pankey, PE - Fisher & Arnold, Inc.
Tazio Qubeck, PE - Brown and Caldwell
David Rast, PE - Parsons Brinckerhoff
Dan Ryan - Ryan Search & Consulting
Griff Wyatt, PE - Barge, Waggoner, Sumner & Cannon, Inc.
Chris Beaver, PE - Beaver Engineering
John Hunter, PE - CDM Smith

Tennessee Engineering Center
800 Fort Negley Boulevard
Nashville, TN 37203

Return Service Requested

PRESORTED
STANDARD
U.S. POSTAGE PAID
Nashville, TN
Permit No. 1078

MARCH-APRIL 2015

I N S I D E

- ACEC's Grand Iris Award – page 1
- Day on the Hill photos – page 2
- EEA Reception and Banquet – pages 3-5
- Leadership PE – page 6

To a Job Well Done, Thank You, Candy.

“After becoming TSPE State President, I was told by my father [the late Bob Campbell, President of what was then called Consulting Engineers of TN for 1999-2000] to ‘do whatever the redhead (Candy) told me to do.’ Over the years what she has told me and our organizations to do has made us better. She has been a tireless advocate for our profession and her insights have allowed us to navigate through some tough situations. I will miss her, but the direction of the ‘red head’ will continue to guide me.”

- Robert Campbell

“Candy has always been a pleasure to work with or should I say for. Over the last 10+ years that I have had the pleasure of working with her, I have noticed that she is a master at herding cats (engineers) as well as always getting her way! There are two things that Candy is passionate about – the color PURPLE and keeping engineers in a positive Legislative limelight. Thank you for your 15 + years of service to our Industry; we all appreciated your work. Know that you will truly be missed!”

- Mike Poblman

“Candy is simply one of those special people you encounter in life. Engineers are challenged communicators and personalities without doubt. For nearly two decades she has stood tall for the causes of engineers in multiple capacities. Her ability to navigate legislators and legislative issues through 3 governors, 32 general assemblies, countless administrators, and 16 society presidents should earn her a medal reserved for only the greatest heroes of Greek mythology. It has been an absolute delight to work with her over my tenure with the ACEC of Tennessee Board. I wish her and her husband Bob all the best in their new season of life.”

- Chuck Saunders

“We will miss this red headed fireball who organized us and told us to look at the person we were talking to and not our shoes. She is a lady who would make you laugh while telling you all that you were doing was wrong. But most of all we will miss a friend who helped our engineering profession through some tough political times. Thank you Candy, for all you have done for us and may you enjoy many years to come.”

- William Johnson

“Candy has served all of the Tennessee engineering profession admirably for the past 16 years. But more importantly, Candy has been a friend to many in the profession, including me, and I will miss her purple outfits and kind ways.”

- Kathryn S. Ware

“I have been privileged to work with Candy during her entire time with ACEC and TSPE. She has been a tireless advocate for our profession and managed the organizations skillfully. She will be sorely missed. She has created a high standard for other Execs to aspire to. I wish her the best!”

- Everett Cowan

“Candy has been an inspiration to us all. She has led the organization so graciously and represented the best of our profession. Under her guidance, the public has truly been made more aware of the contributions engineers make to sustain and enhance our quality of life.”

- Paula Harris