

# ACEC Tennessee

American Council of Engineering Companies of Tennessee

## FIRST ROADWAY PROJECT IN U.S. RECEIVES AUDUBON INTERNATIONAL SILVER CERTIFICATE



By: Andrew Pouncey, R.L.A., Retired Director of Development for the City of Germantown, TN

Audubon International's mission is "to deliver high-quality environmental education and facilitate the sustainable management of land,

water, wildlife, and other natural resources in all places people live, work, and play."

The City of Germantown enrolled **Wolf River Boulevard Extension** in Audubon International's **Silver Certificate Signature Program**. This was the first transportation project in the nation to earn this distinction. The City enrolled in the program to ensure that the boulevard extension was built to protect natural resources both on and off site during planning, construction, and long-term management of the property. It would become the largest capital improvement project in City of Germantown's history. The Signature Program starts where minimum environmental compliance leaves off, offering a "beyond compliance" approach that continues through construction, grand opening, and long-term management.

The two-mile roadway extension completes the route between Germantown and Collierville, TN, linking these cities to Memphis and providing an east-west route that relieves the existing road system. A typical roadway cross section includes two twelve-foot wide travel lanes in each direction, a fourteen-foot wide landscaped median, and a bike lane in each direction, two signalized intersections, two vehicular bridges, nine major drainage culverts and a pedestrian tunnel. Median plant material was limited to native plants of West Tennessee. Valuable water and

wildlife surround Wolf River Boulevard. Ten environmental goals expressed the many environmental protections that the team designed and built into the boulevard extension.

Construction of the roadway required clearing, grubbing, and cutting/ filling for the roadbed. Approximately 601,000± yds of fill material was needed to create the necessary slopes and embankments, of which 45,000± yds was collected on-site (via cut) within the roadway cross section. The remaining 556,000± yds of fill material came from an off-site source chosen by the contractor. No borrow pits were created along the roadway corridor and the grading impacted approximately 2.6 acres of jurisdictional wetlands and 2,800 linear feet of "other water" regulated by the Corps of Engineers.

The City of Germantown had operational control over construction plans and specifications, including the ability to make modifications to those plans and specifications. The construction contractor had day-to-day operational control of the construction activities. The individual designated to be responsible for erosion and sediment controls for this project was City of Germantown Engineer Tim Gwaltney, P.E. Andrew Pouncey, R.L.A., staff Landscape Architect, was responsible for the landscape design.

The project began in March 2011 with a contract end date of July 2013. This project was federally funded through the Local Surface Transportation Program (STP) funds and cost approximately \$22 million. The City was reimbursed 80% of all project-related expenses. The project ended on time and under budget.

### 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](http://www.acectn.org)

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AUGUST

15

SEPTEMBER

5

SEPTEMBER

15

SEPTEMBER

15-16

OCTOBER

19 - 22

Early Registration Ends for  
TN Engineers' Conference

Offices Closed for Labor  
Day Holiday

TN Engineers Foundation  
Luncheon

TN Engineers' Annual  
Conference  
Music City Center

ACEC Fall Conference  
Colorado Springs, CO

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Executive Director

Judy Logue

Manager of Member Services

# REGISTER EARLY FOR THE 2016 TENNESSEE ENGINEERS' CONFERENCE

**"Early Bird" registration** has been extended to August 15th for the **2016 TN Engineers' Conference, September 14-16 at the Music City Center, Nashville.**

You will make valuable connections and experience professional growth by attending the conference which will be bigger and better this year with a total of five educational tracks, the addition of the TN Structural Engineers Association plus a Wednesday Evening Social on the 14th! There is something for everyone. Don't miss out on the opportunity to network with your industry professionals while earning up to 13 professional development hours!

Sponsorship and exhibitor opportunities are still available plus online registration

is now open, just go to <http://acectn.com/about-acec/2016-conference/>. For additional information, contact Judy Logue at 615-242-2486 (jlogue@t nec.org).

Don't forget to register and support the **TN Engineering Foundation Luncheon on September 15.** We are excited that Lt. General Arnold W. Bunch will be our Keynote speaker this year.

To register online and/or sponsor the Luncheon, go to <http://acectn.com/category/current-events/>.

To register by mail, please send in the enclosed brochure with your check made payable to ASCE, TN Section.

## CIVIL PE EXAM REVIEW COURSE BEGINS MONDAY, AUGUST 15

TSPE and ASCE, TN Section will offer the **Civil PE exam review course** starting in late summer. If you know someone who is taking the exam on **October 28, 2016**, please pass this information along. If you would like to sit in on some of the sessions as a refresher for PDHs, you may register for a single session (or more) also.

The course will be available statewide. The live session will be held at the **TN Engineering Center, 800 Fort Negley Blvd. in Nashville** and will be available via a video-conferencing link. The course will be held Monday evenings (August 15th to October 17th) from 6:00-8:30 pm.

As we have in the past, the course will be taught by Professional Engineers and based

on the Civil Engineering Reference Manual (Lindeburg 13th edition). It will focus on the "breadth" (morning) portion of the exam and will include the general topics covered during the morning part of the exam. Seismic and land surveying will not be covered, as they are not covered on the morning exam. Sessions include Hydrology, Waste & Water Treatment Facilities, Concrete and Steel Design, and Transportation.

The registration form is posted on the [www.acectn.org](http://www.acectn.org) website. The cost will be \$350 for members of ACEC, TSPE or ASCE, and \$550.00 for non-members. The deadline to register is **August 7, 2016.**

# FROM THE PRESIDENT

## THE MONTHLY UPDATE



By: Amy Spann, PE  
President of ACEC of Tennessee

Happy New Year...in July! It's the beginning of another ACEC year and while we transition officers and committee members, we are certainly continuing full throttle with the significant headway we made this past year of raising our visibility

with government entities, legislative representatives, and engineering companies.

This year we enacted our mission to advance the business environment of the engineering industry like never before due to the tireless efforts of **John Kenny**, **Kasey Anderson**, and many other ACEC members. John and Kasey met with multiple state agencies, senators, and representatives to make our mission loud and clear and communicate the issues that are important to ACEC members and the engineering community. We've developed great momentum and will continue to build on this foundation and fortify our consolidated voice, which is the strength of ACEC.

I am excited for an abundance of new opportunities this year and how well we are positioned to make our voice effective in achieving our goals. One way to do that is to encourage everyone to vote and be active in the upcoming elections, beginning with the state primaries

on **August 4th**. Get to know your local representatives and senators, help them understand our issues, and be active in your community so that we continually build our foundation and become a trusted partner in making key decisions.

Also, be involved with ACEC and help expand our visibility in the engineering community. Just as in your businesses, ACEC needs "subject matter experts" who can be called on when needed to support efforts and provide valuable insight. For those who continue to strengthen ACEC, I want to thank you for your time and support. Each of you have played an important role in reinforcing this organization and realizing our collective goals. For those that will be involved in the near future, we actively solicit your engagement as we need involvement from all parts of the state and all disciplines.

Lastly, I want to promote the Annual Tennessee Engineers' Conference, **September 15-16, 2016**. We are thrilled that the meeting will be held at the Music City Center in Nashville. It's a new location and we are also pleased to welcome members of the Tennessee Structural Engineers Association to the group. This will be a great opportunity to interact with colleagues and continue to support the engineering community. Hope to see you all there!

## CONGRATULATIONS NEW PEs!

**Michael Bednarczyk, PE**  
Smith Seckman Reid, Inc.

**Andy Brophy, PE**  
Smith Seckman Reid, Inc.

**Marvin Brown, PE**  
Pickering Firm, Inc.

**Layne Dawson, PE**  
Smith Seckman Reid, Inc.

**Seth Dobyns, PE**  
Gresham, Smith and Partners

**Marshall Fall, PE**  
Smith Seckman Reid, Inc.

**Travis Hamby, PE**  
CTI Engineers, Inc.

**Christopher Haynes, PE**  
GEOServices, LLC

**Ben Luke, PE**  
Gresham, Smith and Partners

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Structural Design Group

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S&ME, Inc.

**Joshua Paz, PE**  
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**Kenneth Perkins, PE**  
RPM Transportation Consultants, LLC

**Jarred Reber, PE**  
Barge Waggoner Sumner & Cannon, Inc.

**Michael Underwood, PE**  
KCI Technologies, Inc.

## MEMBER NEWS

**Jon Storey, PE, PTOE**, has joined Gresham, Smith and Partners Nashville office as a senior leader in the Transportation Division.

**Trevor Cropp, PE**, recent Leadership PE grad relocates to Barge, Waggoner, Sumner & Cannon Memphis Office as Project Manager.

Memphis based **Kimley-Horn & Associates** was listed #28 in *Engineering News-Record's* Top 500 US Design Firms List.

LDA Engineering, Knoxville has hired 40-year transportation veteran **Terry Grubb, PE** as transportation services coordinator.

**Jerry Stump, PE**, has been named President and Chief Operations Officer of Volkert, Inc., Chattanooga.

JULY | AUGUST  
2016

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- **Engineering Conference Registration**

## FROM THE EXECUTIVE DIRECTOR

### PROFESSIONAL DEVELOPMENT OPPORTUNITIES ARE EVERYWHERE THIS FALL



By: Kasey Anderson  
Executive Director, ACEC of Tennessee  
kanderson@tnec.org

Want some leadership training designed specifically for engineers? Need some professional development hours? ACEC of Tennessee has some outstanding opportunities coming up.

#### **2016 Tennessee Leadership PE**

The Tennessee Leadership PE Program will be accepting applications this fall to help firms sharpen the skills of emerging leaders. The Leadership PE Committee is finalizing details, so you will be hearing more in the next several weeks. To provide a quality experience, participant enrollment is limited.

#### **Tennessee Engineers' Conference**

The Tennessee Engineers' Conference will be a big one; ACEC of Tennessee, the Tennessee Society of Professional Engineers, and the American Society of Civil Engineers Tennessee Section will join forces with the Tennessee Structural Engineers Association to put on quite a show September 15-16 at the Music City Center, Nashville. Online registration is already available - just click on the link at <http://acectn.org/Get-Involved/TN-Engineers-Conference/>.

There will be something for everyone in the five educational tracks. A Conference brochure is enclosed with this newsletter for members. Plan to attend the Engineering Foundation Luncheon on September 15, too. Lt. General Arnold W. Bunch, Jr., United States Air Force will be the keynote speaker.

#### **PAC Appeal**

It's an election year and the telephone calls, solicitation letters and emails from legislative candidates are arriving . . . and your PAC needs your help so that we can support legislative candidates who are sympathetic to engineering issues. The Auction at the Engineers' Conference is one way we raise money and have fun, too! Every year, donated items are up for bid including weekend hotel getaways, UT football and basketball tickets, golf outings, and more. What will you donate this year? We hope that you will contribute something and participate in the auction. Contact me (kanderson@tnec.org) for more information.

#### **ACEC Fall Conference**

It might be hard to pass up this opportunity to network with colleagues from across the country and participate in a great education program - it will be on October 19-22, in beautiful Colorado Springs, CO at the Broadmoor Hotel.



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