Welcome

Welcome to Nashville Y’all!

On behalf of the Middle Tennessee Section of the American Society of Highway Engineers (ASHE) it is our pleasure to welcome you to the 2019 ASHE National Conference at the Gaylord Opryland Resort in Nashville, Tennessee. Our goal is to continue the ASHE tradition of providing a forum for over 6,000 members and partners of the highway industry to promote a safe, efficient and sustainable highway system through education, innovation and fellowship. We hope that you take advantage of the numerous technical sessions, technical tours and the opportunity for interaction with your peers to expand both your knowledge and your network. The agenda is filled with informative technical sessions, social events and networking opportunities.

During your stay, our outstanding team of volunteers will be available to help ensure a successful event for conference attendees, sponsors and exhibitors. Please visit the Registration desk with any questions or concerns. While at the conference, we encourage you to thank our volunteers, who have spent up to three years of dedicated service in preparation for the enjoyment of conference attendees.

Hope you enjoy your time in Nashville!

Sincerely,

Conference Co-Chairs
Brad Winkler
Larry Ridlen
Angie Duncan

ASHE Mission Statement

The mission of the American Society of Highway Engineers is to provide a forum for members and partners of the highway industry to promote a safe, efficient and sustainable transportation system through education, innovation and fellowship.

2019 Conference Committee

Executive Committee
Brad Winkler, PE (Co-Chair)
Larry Ridlen, PE (Co-Chair)
Angie Duncan, PE (Co-Chair)
Eric McElroy, PE (Secretary)
Luke Sullivan, PE (Treasurer/Registration)

Committee Chairs
Alex Carpenter, PE – Entertainment
Eric Gardner, PE – Exhibit/Trade Show
Tim Colvett, PE – Facilities/Logistics
Sammie McCoy, PE – Golf Outing
Jon Zirkle, PE - Program
David Rast, PE - PR/Publicity
Jon Storey, PE - Sponsorship
Joe Deering, PE – Sponsorship Co-Chair
Sharon Schutz, PE - Technical
Shaun Armstrong - Transportation
Melanie Bumpus—Guest Program
Jeff Shaver—Hospitality/Food & Beverage
Conference Agenda

Wednesday, May 8

4:00 PM–7:00 PM  Registration  
Ryman Exhibit Hall B2/B3

8:00 PM–12:00 AM  Hospitality Suite  
Check with Registration Desk

Thursday, May 9

7:00 AM–5:00 PM  Registration  
Ryman Exhibit Hall B2/B3

6:00 AM–8:00 AM  Breakfast  
Canal A

6:45 AM - 2:00 PM  Golf Tournament  
Buses Depart from Delta Portico (6:45 and 7:00)

9:00 AM - 1:00 PM  Fontanel Mansion  
Bus Departs from the Delta Portico

3:30 PM - 5:00 PM  Northeast Region Meeting  
Ryman Ballroom AB

5:00 PM - 8:00 PM  Exhibit Hall Open  
Ryman Exhibit Hall B2/B3

6:00 PM - 8:00 PM  Ice Breaker Reception  
Ryman Exhibit Hall B2/B3

8:30 PM - 12:00 AM  Hospitality Suite  
Check with Registration Desk

Friday, May 10

7:00 AM - 5:00 PM  Registration  
Ryman Exhibit Hall B2/B3

Friday, May 10 (Continued)

6:30 AM–8:00 AM  Breakfast  
Ryman Exhibit Hall B2/B3

7:00 AM - 2:00 PM  Exhibit Hall Open  
Ryman Exhibit Hall B2/B3

8:30 AM–10:00 AM  Opening Session  
Tennessee Ballroom DE

10:00 AM - 10:30 AM  Break  
Ryman Exhibit Hall B2/B3

10:30 AM - 11:30 AM  Region/Section Officers Meeting  
Ryman Studio PQR

10:30 AM - 11:00 AM  Technical Session 1

1A Coordination of Transit Projects with State DOT's  
Ryman Ballroom C/F

1B Vertical Geofoam Bridge Embankments  
Ryman Ballroom A/B

1C Frankford Avenue Bridge: Rehab of the Oldest Bridge in the US  
Ryman Ballroom D/E

10:30 AM - 1:30 PM  Grand Ole Opry Back Stage Tour  
Meet at Registration Desk (Group walk to Opry)

10:30 AM - 1:30 PM  The Hermitage: Home of Pres. Andrew Jackson  
Bus Departs from the Delta Portico

11:00 AM - 11:30 AM  Technical Session 2

2A Designing Like We Live: Bringing Town Branch Commons to Life  
Ryman Ballroom CF
Friday, May 10 (Continued)

2B Permanent Sheet Pile Wall System, Penn. Turnpike
   Ryman Ballroom AB

2C Liberty Bridge Emergency Repair
   Ryman Ballroom DE

11:45 AM - 1:15 PM       Luncheon Honoring
                          Past National Presidents
                          Tennessee Ballroom DE

1:30 PM - 4:30 PM        Ryman Auditorium
                          Bus Departs from the Delta Portico

1:30 PM - 4:30 PM        Tennessee State Museum
                          Bus Departs from the Delta Portico

1:30 PM - 2:30 PM        Past President’s Meeting
                          (By Invitation Only)
                          Ryman Studio PQR

1:30 PM - 2:00 PM        Technical Session 3

   3A Urban Multi-modal Accommodation
      Ryman Ballroom CF

   3B Inventorying Geohazards of Ohio’s first P3
       Roadway Project
      Ryman Ballroom AB

   3C Bridges to Prosperity
      Ryman Ballroom DE

2:00 PM - 2:30 PM        Technical Session 4

   4A I-40 at Donelson Pike Interchange Access Request
      Ryman Ballroom CF

   4B TDOT Locally Managed Accelerated Delivery Process
      Ryman Ballroom AB

Friday, May 10 (Continued)

4C The Big Slide: Replacing Dual Bridges
       in One Weekend
      Ryman Ballroom DE

2:30 PM - 3:00 PM        Break
                          Ryman Exhibit Hall B2/B3

3:00 PM - 5:00 PM        Technical Session 5

   5A Bringing the Turbo-Roundabout to the US
      Ryman Ballroom CF

   5B I-24 Fast 4 ABC DBB Project
      Ryman Ballroom AB

   5C Remote Concrete Thermal Monitoring
      Ryman Ballroom DE

3:30 PM - 4:00 PM        Technical Session 6

   6A Innovative Approaches to Reclaiming
       Highways for Communities
      Ryman Ballroom CF

   6B The Concept of Merging Two Major Modes
       of Transportation
      Ryman Ballroom AB

   6C Louisville - Southern Indiana Ohio River Bridges Project
      Ryman Ballroom DE

4:00 PM - 5:30 PM        Hospitality Suite
                          Check with Registration Desk

6:00 PM - 10:00 PM       Wildhorse Saloon
                          Buses to Wildhorse at 5:30, 6, and 6:30
                          Buses back to the Hotel every 30 minutes starting at 9:30.
                          Last Bus at 11. On your own after that.

10:30 PM - 12:00 AM      Hospitality Suite
                          Check with Registration Desk
Saturday, May 11

6:00 AM - 11:00 PM  |  Registration
                    |  Ryman Exhibit Hall B2/B3

6:00 AM - 9:00 AM  |  Breakfast
                    |  Tennessee Ballroom DE

8:30 AM - 9:00 AM  |  Technical Session 7
                    7A The Establishment of ASHE Student Chapters
                    |  Ryman Studio FG
                    7B Reverber8tions of Fr8 in the st8
                    |  Davidson A
                    7C Five (5) Mile Belt Parkway Reconstruction
                    |  Project
                    |  Tennessee B

9:00 AM - 9:30 AM  |  Technical Session 8
                    8A Effective Data Quality Measures for Infrastructure Asset Management
                    |  Ryman Studio FG
                    8B Rebuilding Puerto Rico in the Aftermath of Hurricane Maria
                    |  Davidson A
                    8C LiDAR’s Role in a Nationwide Move to 3D for Transportation Projects
                    |  Tennessee B

Saturday, May 11 (Continued)

9:00 AM - 4:00 PM  |  Jack Daniels Distillery
                    |  Tour Bus Departs from the Delta Portico

9:00 AM - 4:00 PM  |  Country Music Hall of Fame
                    |  Tour Bus Departs from the Delta Portico

9:30 AM - 1:00 PM  |  Technical Tour - TIMS
                    |  Tour Bus Departs from the Delta Portico

Wednesday, May 12

7:00 AM - 8:30 AM  |  Breakfast
                    |  Tennessee Ballroom DE

8:00 AM - 12:00 PM |  National Board Meeting
                    |  Hermitage D

9:00 AM - 11:00 AM |  Conference Debrief
                    |  Hermitage AB
Transportation

**Airport Transportation**
Gaylord Opryland provides an airport shuttle to and from Nashville International Airport (BNA). Tickets must be purchased at a roundtrip cost of $35 per person. Guests 65 and older receive a discounted rate of $32 for roundtrip fares. Ages 18 and under are complimentary with accompanying adult.

Shuttle runs from 7am - 6pm and departs every 30 minutes from Cascades Canopy, Magnolia Canopy, and the Inn at Opryland.

Tickets are available for purchase online by searching Gaylord Opryland Entertainment Transportation Services, in person us at the airport at the Gaylord Opryland Welcome Desk on the lower level between the escalators, or by calling 1-615-871-6169.

**Rideshare Options**
LYFT has provided discount codes for ASHE guests to use while in the Nashville Area:

- **ASHE2019** - $5 off for new users
- **OPRY2019** - 10% off for 2 rides to/from Opryland

You can download the LYFT app in the App Store or Google Play

Other options available include Uber, Curb, and Taxi Service.

**Transportation around Opryland Area**
Shuttle service is available between the Resort, The Inn at Opryland, General Jackson Showboat, Grand Ole Opry House (only on show nights) and Opry Mills.

Begins at 11 am and runs continuously from the Opry Mills Food Court until last pick up at 8:45 pm.

Complimentary for overnight resort guests (show room key)

**Public Transportation**
WeGo Public Transit is operated by the Nashville Metropolitan Transit Authority and is the public transit agency for Nashville and the surrounding suburbs. They provide limited service to the Opryland Hotel Resort from Downtown Nashville. Within the downtown Nashville area, WeGo provides the Music City Circuit, free bus transportation among downtown destinations.

For more information, please visit nashvillemta.org
Gaylord Hotel Information

QuickFacts
- 2,888 guest rooms
- 171 suites
- 5 themed presidential suites

Recreation
Relâche Spa
Discover the true essence of relaxation with exclusive treatments and therapies, infused with natural elements to soothe the soul.

Fitness Center & Pools
Our state-of-the-art, 3,500 sq. ft. fitness center offers an array of equipment, or enjoy a swim in one of our three pools.

Shopping
Our resort shops offer the finest name brand clothing and accessories, as well as an array of toys and gifts for any occasion.

Delta Riverboat Company
Embark on a Mississippi-style flatboat journey down the ¼-mile-long indoor river that winds through the Delta Atrium.

Delta Fountain Show
Experience a triumphant display of vibrant colors and dancing water harmonized to energetic music.

SoundWaves
This new 4-acre, 3-level luxury indoor/outdoor waterpark features dedicated recreation zones for adults, young children and families.
ASHE Opening Session Agenda

Opening Remarks
Brad Winkler, Conference Co-Chair

Pledge of Allegiance & Invocation

Introductions

Remarks / National Board Meeting
Richard Cochrane, ASHE National President

Secretary’s Report
Tom Morisi, ASHE National Secretary

Roll Call of Sections
Tom Morisi, ASHE National Secretary

Treasurer’s Report
Frank O’Hare, ASHE National Secretary

New National Officers
Greg Dutton, Past ASHE National President

FHWA Update
Pam Kordenbrock, FHWA

Keynote Speaker
Steve Joiner

Conference Updates

Adjourn

FHWA Update
Pam Kordenbrock
In February 2010, Pam Kordenbrock became the Division Administrator for the Federal Highway Administration’s (FHWA) Tennessee Division. In this capacity she leads a multi-disciplinary staff of 23 that is responsible for a $900 million federal-aid program and provides policy guidance to FHWA’s State, local and other federal partners.

A 25 year veteran of Federal Service, Pam has also worked in FHWA offices in Santa Fe, New Mexico; Washington, DC; San Francisco and Los Angeles, California; Baltimore, MD and Chicago, IL. She has a Bachelor’s degree and a Master’s degree in Civil Engineering from the University of Virginia. Pam is also the proud Dog Mom to two rescue pups named Guinness and Becks.
Keynote Speaker

Dr. Steve Joiner

Dr. Steve Joiner is the Dean of the College of Leadership and Public Service and the Managing Director for the Institute for Conflict Management at Lipscomb University in Nashville, TN. This College, along with offering academic master's degrees at the university, functions as a service to businesses, governmental agencies, churches, and non-profit organizations in conflict management, leadership and transition in their systemic life.

Dr. Joiner is a nationally recognized trainer, consultant, mediator and educator in the corporate leadership and conflict management. He has consulted and training in over 200 organizations around the world. He serves clients as diverse as an international security company, aerospace software company, a national oil and gas mining company, two internationally recognized teaching hospitals, three metro municipalities, four family owned businesses, large national non-profit, multiple state agencies, a federal regulatory commission, four international Internet companies, two international HR providers, a large metropolitan utility and international clients.

Professional Development Hours Procedure

At each technical session, a volunteer will pass out a Professional Development Hour (PDH) Request Form. Each attendee requesting a PDH certificate MUST complete BOTH sides of the form including signature. The completed request form must be turned back into the ASHE volunteer at the end of the Technical Session. The volunteer will then give the attendee the PDH certificate.

Professional Development Hours Disclaimer

ASHE has established a process in good faith to provide PDHs for those who attend its technical programs. It remains the responsibility of the person seeking CEU/PDH credits to ensure that their state licensing board recognizes the technical instruction or presentations offered, and it is not the responsibility of ASHE at the Section, Region, or National level to ensure compliance with any licensing board’s continuing professional education requirements.
Session 1A - Coordination of Transit Projects with State DOTs: Nolensville Shelters
Friday, May 10
10:30am to 11:00am
Ashley T. Smith - CDM Smith Treasury Walker—WeGo Transit
Twenty-two locations were identified along the Nolensville corridor for the development of enhanced bus shelters as identified by WeGo. The shelters are proposed to utilize a variety of stop types, including shared cycle track, bus bulb, boarding island, furnishing zone, sidewalk, and sidewalk with expansion. Ideally, the buses would like to stay in the travel lane as much as possible to minimize the time it takes to pull off and then get back into the travel lane, as many drivers are not apt to let buses in front of them. The goal is to utilize the stop type that makes the most sense with the surroundings, such as a bike lanes and extra right-of-way.

Session 1B - Vertical Geofoam Bridge Embankments: Poplar Ave over CSX and Walnut Grove
Friday, May 10
10:30am to 11:00am
Eric Slayton, TDOT Lydia Nakamoto, TDOT Jonathan Vest, TDOT
TDOT Geotechnical Office and Structural Division have been working on a lightweight, geofoam embankment for a project in Memphis/Shelby County.

Session 1C - Frankford Avenue Bridge: Rehab of the Oldest Bridge in the United States
Friday, May 10
10:30am 11:00am
Michael J. Cuddy - TranSystems
The Frankford Avenue Bridge, built in 1697, is the oldest continuously-used roadway bridge in the United States. It is a three-span stone masonry arch bridge over Pennypack Creek in Philadelphia, Pennsylvania. The bridge remains true to its original form, even after undergoing many construction and repair campaigns during the last three centuries. The bridge is significant for its engineering and transportation history and was listed on the National Register of Historic Places in 1988. The presentation will discuss the bridge history, the design process and the sympathetic construction techniques utilized for the bridge rehabilitation.

Session 2A - Designing Like We Live: Bringing Town Branch Commons to Life
Friday, May 10
11:00am to 11:30am
John Eckler and Patrick Henry - Gresham Smith
Town Branch Commons, a multimodal trail, greenway and park system in downtown Lexington, Ky., to life. The 3.2-mile long urban greenway will accommodate pedestrians and cyclists, connecting Lexington’s urban core to the Bluegrass countryside, including neighborhoods, parks and trail systems. The project will improve connectivity, emphasize placemaking and honor Lexington’s natural history. Town Branch Creek, the namesake of the project which runs beneath downtown Lexington, was once a gathering place for the community; when the greenway and urban park is complete.
Session 2B - Permanent Sheet Pile Wall System, Pennsylvania Turnpike, MP 40.84 WB
Friday, May 10
11:00am to 11:30am
Michael Sydlik - Earth, Inc.
This presentation focuses on a 1,573-foot long, permanent, value engineering, sheet pile retaining wall system to accommodate embankment widening of the Pennsylvania Turnpike from four to six lanes (including widening of the center median). It consists of Z-shaped, steel sheet piles comprising the wall face which are restrained by similarly-shaped sheet piles serving as vertically-planar, continuous tiebacks, i.e., fins attached to the wall face via three-way connectors which provide resistance to lateral loading acting on the wall system.

Session 2C - Liberty Bridge Emergency Repair
Friday, May 10
11:00am to 11:30am
Roger Eaton - HDR
On the afternoon of September 2, 2016, clouds of black smoke filled the Monongahela River valley, as the Liberty Bridge in Pittsburgh burned. The 2,600’ deck truss bridge was in the midst of an $80M rehabilitation project when a fire broke out under a key bottom chord member carrying two million pounds of compression. Before it could be extinguished, the fire severely warped and buckled the compression chord, causing the affected truss to shift and redistribute load throughout the structure. This presentation will focus on the initial assessment and 3D modeling of the fire-damaged bridge, development of the jacking frame concept, and an external bracing system for the member during jacking.

Session 3A - Urban Multi-modal Accommodation
Friday, May 10
1:30pm to 2:00pm
Mark Mullin & Kim Waters - Johnson, Mirmiran & Thompson
It is fitting that a revolution of the “Urban Industrial Corridor” is occurring in the City of Philadelphia and, more specifically, on American Street. Today, this two-mile stretch of industrial roadway between Girard and Indiana Avenues sits at the intersection of a thriving and expanding urban core and long-underserved neighborhoods of Lower North Philadelphia. This unique contrast in physical and socio-economic context provides the perfect backdrop to how we plan and deliver transportation facilities in modern cities beyond simply restoring pavement and sidewalks.

Session 3B - Inventorying Geohazards of Ohio’s first P3 Roadway Project
Friday, May 10
1:30pm to 2:00pm
Stewart Abrams - Terracon
Ohio’s first P3 brought challenges to both project release and inventorying geohazards along the recently constructed highway. This new highway created over 30 rock cut segments through a series of shale, siltstone, and sandstone sequences which was inventoried as part of the construction effort. A discussion of the methodology and scoring criteria of the inventory will be presented. To provide the best service to our client, Terracon used a combination of high-angle rope access and a UAV to conduct a thorough examination of sites. The newly constructed highway brought challenges to both services and will be briefly discussed.
**Session 3C- Bridges to Prosperity**

**Friday, May 10**  
1:30pm to 2:00pm  
Scott Wilson - Palmer Engineering  
John Hastings - National Steel Bridge Alliance  
Carter Bearden - HDR  
Marne Helbing - TDOT Region 1 Operations  

In March 2001, Bridges to Prosperity (B2P) founder Ken Frantz saw a photo in National Geographic Magazine that spurred the idea for the organization. More than 200 bridges later, B2P continues to provide access to healthcare and education by teaching people how to build footbridges over impassable rivers in partnership with organizations and professionals. In March 2018, TDOT/Palmer/HDR were part of a team to build a pedestrian bridge in El Macho, Panamá.

**Session 4A- I-40 at Donelson Pike Interchange Access Request**

**Friday, May 10**  
2:00pm to 2:30pm  
Jon Storey - Gresham Smith  
Shaun Armstrong - TDOT STID  

At the request of the Nashville International Airport, TDOT initiated a study of the modification of the Interstate 40/State Route (SR) 255 (Donelson Pike), Exit 216 Interchange. The purpose of the proposed I-40/SR 255 Interchange modification is to improve traffic operations at the interchange and access to the Nashville International Airport. The Build Alternative DDI is calculated to improve traffic operations through the 2040 design year, eliminate queues from reaching the I-40 mainline, and improve safety within the study area. This high-profile project, which was funded through the Tennessee 2017 IMPROVE highway funding act, was completed under an aggressive schedule.

**Session 4B- TDOT Locally Managed Accelerated Delivery Process**

**Friday, May 10**  
2:00pm to 2:30pm  
Whitney Britt - TDOT LPD  
Travis Martin - TLM  

The Tennessee Department of Transportation (TDOT) has a long history of constructing innovative highway projects, recently expanded this innovation into the realm of project financing. TDOT is proud to have recently completed the first highway project in the nation using an Accelerated Delivery (AD) process: resurfacing Skyhawk Parkway in Martin, Tennessee.

**Session 4C- The Big Slide: Replacing Dual Bridges in One Weekend**

**Friday, May 10**  
2:00pm to 2:30pm  
Quentin D. Rissler - Larson Design Group  

The Pennsylvania Turnpike Commission determined that dual mainline bridges needed to be replaced in a single 55 hour weekend closure to meet Commission requirements for maintaining two lanes of traffic during the week on the Northeast Extension. This presentation will examine the practical constructability issues that need to be considered by engineers and owners in planning accelerated bridge construction project to incorporate contingencies into the process and streamline the process for short-duration projects.
Session 5A - Bringing the Turbo-Roundabout to the US
Friday, May 10
3:00pm to 3:30pm
Brian Moore, Jaap Tigelaar—Arcadis
There are still some challenges with multi lane roundabouts in the US. While serious and fatal crashes are very low, there are cases where property damage only crashes are significant at some multi-lane roundabouts. One potential solution to overcome these challenges is the turbo-roundabout. Developed and extremely popular in the Netherlands (nearly 400 exist). This Arcadis team will discuss the evolution of the roundabout in the US and share information on the basics of turbo roundabouts and potential uses for them in the US. Their presentation will include details on the geometry, operations, bicycle and pedestrian accommodations and signing and pavement markings. There will also be a discussion on how these could be implemented in the US.

Session 5B - TDOT’s ABC Design-Bid-Build Construction Project
Friday, May 10
3:00pm to 3:30pm
Ted Kniazewycz, TDOT
Scott McKinney—Bell Construction
TDOT recently completed its largest design-bid-build ABC project on Interstate 24 in downtown Nashville. The project replaced four aging bridges utilizing precast bridge elements and limited traffic impacts to four weekends. The presentation will touch on the complex design and highlight the logistical challenges associated with the project.

Session 5C - Remote Concrete Thermal Monitoring
Friday, May 10
3:00pm to 3:30pm
Jason Sander and Matt Lehmenkuler—Terracon Consultants
How remote concrete thermal monitoring can accelerate project schedule and maintain high quality for highway infrastructure concrete placements. The use of wireless concrete temperature recording devices can be used to accelerate schedules while maintaining high construction quality in many ways. A recent example of how thermal monitoring of concrete was used on a $600 Million design-build, P3 project in Southern Ohio will also be presented.

Session 6A - Innovative Approaches to Reclaiming Highways for Communities
Friday, May 10
3:30pm to 4:00pm
John M. McDowell, Stuart M. Samberg, and Andrew Link from RK&K
Tysons, Virginia, located in Fairfax County near Washington DC, is a community that is being reimagined as a “Live-Work-Play” community. In addition to new transportation infrastructure such as the Metro Silver Line, County leaders are actively promoting alternatives to automobiles as the chief component of mobility. After evaluating and comparing a range of options, we are developing concepts that include either a quadrangular intersection or a continuous flow intersection improvement, with community space adjacent to and/or on top of the intersecting roadways. Reclaimed VDOT right of way may be converted to open space or transferred to adjacent property owners to advance a community-oriented development theme.
Session 6B - The Concept of Merging Two Major Modes of Transportation
Friday, May 10
3:30pm to 4:00pm
Tim Matthews- GDOT
Michael Nadar—HNTB
Investments for the SR 400 Express Lanes project were made possible by the Georgia Assembly's passage of the Transportation Funding Act of 2015 (TFA). The TFA provided sustainable funding that will fund the Major Mobility Investment Program (MMIP). The MMIP is a grouping of 11 mobility projects that add over 300 new lane miles in Georgia’s metro areas, creating additional capacity, improving the movement of freight, providing operational improvements, enhancing safety, and providing more reliable trip times. In June 2018, GDOT was awarded a $184 million INFRA grant for the project, the largest amount awarded to any project in the country.

Session 6C - Louisville - Southern Indiana Ohio River Bridges Project
Friday, May 10
3:30pm to 4:00pm
Mike Hancock and Ken Sperry- HMB
At $2.6 billion, the LSIORBP is one of the largest transportation construction projects occurring in America today. The project involves the construction of two new bridges over the Ohio River, the reconstruction of the Kennedy Interchange in Downtown Louisville, which is where I-64, I-75 and I-71 all merge, the reconstruction of I-65 to accommodate the addition of one of the new bridges that will provide for northbound movements, the reconstruction of the existing I-65 (Kennedy Bridge) to switch it to a southbound only structure, and the construction of a 1700’ long tunnel under a historic property.

Session 7A - The Establishment of ASHE Student Chapters
Saturday, May 11
8:30am to 9:00am
Richard Grubb- RGA, Inc,
Matheu Carter-ASHE,
Carrie Streahle- Promatech
Although ASHE Student Chapters are few and far between, there is no “secret sauce” in how to establish them. This moderated panel will highlight the ASHE student chapters which have been formed, the step by step approach in establishing a student chapter, the ways to keep student chapters alive and well, and the tremendous benefits to the engineering student body and professional engineering companies. A document titled Best Practices for Developing and Sustaining Student Chapters, co-authored by panelist Matheu Carter, will be highlighted. The benefits of student chapters to the student body as well as to professional engineering firms will be discussed by each panelist. Questions to the panelist will be asked by the moderator and interaction between the audience and the panelists will be encouraged.

Session 7B - Reverber8tions of Fr8 in the st8
Saturday, May 11
8:30am to 9:00am
Daniel Pallme- TDOT Freight and Logistics Division
Discussion will include an update on the impact of freight to the state of Tennessee, the assets of Tennessee and why the freight and logistics is poised for additional growth in the future, as well as the impact of the TDOT Multimodal division on the state and the programs to impact Tennesseans.
Session 7C - Five (5) Mile Belt Parkway Reconstruction Project, Brooklyn, NY
Saturday, May 11
8:30am to 9:00am
William G. Ferdinandsen, Paul Dombrowski-GPI
Daniel Hom- NYCDOT
In 2009, the NYCDOT embarked on an ambitious, 12 year, $750 million reconstruction program of the historic Belt Parkway between Exit 9 (Knapp Street) and Exit 14 (Pennsylvania Avenue) in Brooklyn, New York. Included within the five (5) mile construction limits are six (6) bridges of varying span lengths, configurations and design features. Several innovative construction methods have led to substantial time and cost savings that have further enhanced the overall success of the program.

Session 8A - Effective Data Quality Measures for Infrastructure Asset Management
Saturday, May 11
9:00am to 9:30am
Dennis Morian- Quality Engineering Solutions, The asset management process has been recognized as a valuable management tool for highway agencies, counties, and cities. However, relatively little emphasis has been placed on verification of the quality of the data that is used for important and costly asset management decision-making processes. Recently, the FHWA required all state highway agencies to submit a Data Quality Management Process (DQMP) for review and approval. This presentation addresses three primary factors associated with quality management of high-speed digital technology when used for pavement condition assessment: 1) importance of data quality management processes (DQMP) 2) process concepts of DQMP 3) economic benefits of DQMP

Session 8B - Rebuilding Puerto Rico in the Aftermath of Hurricane Maria LiDAR's
Saturday, May 11
9:00am to 9:30am
Michael Loyselle- FHWA
For the past year, Michael has been on special assignment helping to rebuild his home, Puerto Rico, in the aftermath of Hurricane Maria. Michael has been directly involved in rebuilding the infrastructure that was destroyed by the storm and will have many stories to share relative to both personal perseverance and interesting engineering accomplishments.

Session 8C - LiDAR's Role in a Nationwide Move to 3D for Transportation Projects
Saturday, May 11
9:00am to 9:30am
Jackie VanderPol—Reigel USA
This presentation will show how LiDAR is being used on transportation projects worldwide to move planners, engineers, contractors and owners into the 3D world! We will look at different types of applications, benefits and best practices on real-world projects including road and bridge, rail, ports and aviation. We will also touch on LiDAR’s use for disaster recovery and transportation system resiliency planning.
Technical Tour Information

The tours will last approximately 3.5 hours. Appropriate dress is required, which includes casual clothing and closed-toe/heel, hard, solid sole shoes (no flip flops, crocs or high-heeled shoes are allowed). A hard hat, safety glasses, and nitrile (rubber) gloves will be provided on site if needed. Lunch will not be provided.

Tour 1 - Traffic Incident Management (TIM) Training Facility
Saturday, May 11, 2019
9:30am to 1:00pm
Meet at the Delta Portico

The Tennessee Traffic Incident Management Training Facility, the first of its kind in the Nation, is used to teach best practices for safe, quick, clearance of major highway incidents. There will be a mock-up incident with all of the typical law enforcement, traffic management (TDOT), wrecker service, emergency medical first responders, etc. demonstrating how they handle incident management as a team.

Tour 2 – I-440 DB
Saturday, May 11, 2019
9:30am to 1:00pm
Meet in Ryman Ballroom AB

The tour will start with a 20-minute overview of the project led by Kiewit. Tour bus will then depart the hotel and visit various areas along the project corridor. Highlights of the tour will be the application of rubblize and overlay pavement replacement program, material reuse, and bridge pier construction.

Notes:
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Golf Tournament
Thursday, May 9th
7:00am to 2:00pm

Buses Depart from the Delta Portico at 6:45 and 7:00 am. Buses return to hotel at approximately 2:00pm.

Located 5 minutes from the Gaylord Opryland Resort, Gaylord Springs Golf Links has consistently been recognized among Golf-Week’s best courses you can play in Tennessee. Carved from the banks of the meandering Cumberland River, the Scottish links-style, par-72 layout offers 18 holes bordered by limestone bluffs and wetlands. With challenges around every fairway bend, Gaylord Springs forces you to think and react, creating a satisfying finish every time a flag is pulled from the cup. From tee to green, no matter your skill level, you’ll be inspired by the beauty that surrounds you.

Only soft spikes or spikeless golf shoes or other approved shoes shall be worn on the golf course and practice areas. Rental shoes are available.

Welcome Reception and Ice Breaker
Thursday, May 9th
6:00pm to 8:00pm

There is no better way for the ASHE Middle Tennessee Section to welcome you to Nashville than with a party! Socialize, drink, and enjoy some delicious food while visiting with the industry exhibitors.

While you’re enjoying yourself, don’t forget to take part in the Exhibit Hall Scavenger Hunt.

Use the Exhibit Hall Scavenger Hunt Card found in your registration packet. Have it stamped by 75% of the booths on your card then drop it off in the Scavenger Hunt Box located inside the exhibit hall to be entered in a drawing to win a prize.

Entries must be received by 11:00 am on Friday, May 10th to be eligible. There are two (2) $250 gift cards to be awarded. Attendees may submit one entry. Winners announced during the Friday afternoon break in the exhibit hall.
Luncheon Honoring Past National Presidents & Awards

Friday, May 10
11:45am to 1:15pm

Celebrate the dedication and efforts of those who have served the ASHE organization from its inception to the present at the annual Luncheon Honoring Past National Presidents. Join your colleagues in honoring those who have contributed their time and energy to the betterment of the transportation industry and our organization. In addition to honoring the Past Presidents, the luncheon will include the presentation of the ASHE National Project of the Year Awards and the presentation of the Robert E. Pearson/Person of the Year Award.

Robert E. Pearson/Person of the Year Award is given to a person active in highway related societies, has had an impact on the highway industry statewide, the person has willing given personal time for the good of the industry and has overwhelming respect of his/her peers.

The Past President’s Meeting will be held immediately following the Luncheon from 1:30pm to 2:30pm for all Past National Presidents in Ryman Studio PQR.

Lunch Sponsored By:

Wildhorse Saloon

Friday, May 10th
5:30pm to 10:00pm

Buses depart from the Delta Portico at 5:30, 6, and 6:30pm.

Friday Nights event entails transportation from the Gaylord Opryland Resort to the World Famous Wildhorse Saloon, a 66,000 square foot live music and dance destination on 2nd Avenue in downtown Nashville. Heavy Hors d’oeuvres and drinks will be available at the Wildhorse where ASHE guests will enjoy the exclusive use of the 2nd floor and the Riverview Room.

We know many of you and realize that the Wildhorse will just be the first stop for you as you continue your tour of the Honky Tonk Row on Lower Broadway. We’ll try to keep breakfast warm for you on Saturday morning but we do expect many of you will choose to sleep in!

For More info visit: www.wildhorsesaloon.com
President’s Reception and Annual ASHE Gala

Saturday, May 11th
Reception 6:00pm to 7:00pm
Banquet 7:00pm to 10:00pm

Join us Saturday night for the last social event of the Conference. Mingle with your fellow attendees during the President’s Reception before heading into the Tennessee Ballroom for a dinner with the presentation of awards and installation of the new Board of Directors.

Following dinner you’ll find yourself enjoying the music of Farewell Angelina. Named after a haunting Bob Dylan song, Farewell Angelina is an all-female country group with four powerhouse vocalists, dynamic songwriters and accomplished multi-instrumentalists. Their stellar blend of heart-stopping harmonies over blazing double violins and guitars has earned soaring praise across the board. They’ve been named among Rolling Stone’s “New Artists You Need To Know,”
GUEST TOURS

Fontanel Mansion
Thursday, May 9th
9:00am to 1:00pm

Tour Bus departs from the Delta Portico at 9:00am. Tour returns to the hotel at 1:00pm.

Fontanel Mansion is a 27,000 square foot log home formerly owned by Country Music Hall of Fame member Barbara Mandrell, and is Nashville’s only country music mansion tour giving visitors a sneak peek into the lives of country music greats. The home, situated on the 200 plus acre property, is nestled in the rolling hills of the Whites Creek Valley. With The Inn at Fontanel, the Woods Amphitheater, Pritchard’s Distillery, Natchez Hills Winery, Cafe Fontanella, Music City Ziplines by Adventure Works, The Trails and Metro Parks Greenway, it is easy to see why Fontanel is one of Nashville’s premier destinations. Activities on your own could include wine tasting, distillery tour, hiking, and ziplining.

Grand Ole Opry Backstage Tour
Friday, May 10th
10:30am to 1:30pm

Meet at the ASHE Registration Desk. Group will walk to the Opry.

There’s nothing like a backstage tour of the Grand Ole Opry House Walk in the footsteps of country music’s superstars and get an exclusive look at what happens behind the scenes of the show that made country music famous. Your knowledgeable guide will share stories about the Opry and country music greats, past and present – from Minnie Pearl to Carrie Underwood — show you photos from the Opry’s biggest moments in history, and take you to the artist entrance where legends, new artists, and superstars alike walk into the Opry House on the night of an Opry show.
The Hermitage: Home of President Andrew Jackson

Friday, May 10th
10:30am Departure

Tour Bus departs from the Delta Portico at 10:30am. Tour returns to the hotel at 1:00pm.

Visit the Hermitage in Nashville, TN to walk through Andrew Jackson’s life and home, explore a beautiful, vintage Tennessee farm, and experience an important piece of Nashville and our nation. Rated the third best Presidential Site in the nation by USA TODAY. Experience the all-new exhibit, Andrew Jackson: Born for a Storm. Lunch will be provided.

Ryman Auditorium (The Mother Church of Country Music)

Friday, May 10th
1:30pm Departure

Tour Bus departs from the Delta Portico at 1:30pm. Tour returns to the hotel at 5:30pm.

Make your way to the Ryman Auditorium. The first stop on the tour is the “Soul of Nashville,” a state-of-the-art theater experience that uses special effects, holograms, and archival footage to introduce the Ryman Auditorium’s 125-year history, with plenty of country stars along the way, including Darius Rucker, Sheryl Crow, The Fisk Jubilee Singers, and Vince Gill. Following the presentation, continue through the Ryman Auditorium’s exhibits; short films are hosted by Emmylou Harris, Marty Stuart, Nicole Kidman, Ricky Skaggs, Robin Roberts, and Trisha Yearwood. The exhibits cover everything from the early days of country music performance to contemporary stars.
**Tennessee State Museum**  
**Friday, May 10th**  
1:30pm Departure  
Tour Bus departs from the Delta Portico at 1:30pm. Tour returns to the hotel at 4:30pm.

Learn about the history and culture of Tennessee at the new Tennessee State Museum.

**Jack Daniels (Lynchburg, TN)**  
**Saturday, May 11th**  
9:00am Departure  
Tour Bus departs from the Delta Portico at 9am. Tour returns to the hotel at 4:30pm.

No, you won’t be taking to the air, but you will enjoy a special flight in the Jack Daniel’s Hollow. Let one of our seasoned storytellers guide you through Mr. Jack’s distillery and old-time Tennessee whiskey-making process. Then, finish your trip with a memorable stop at our historic Barrel House 1-14. Here, you’ll linger over and sip five of our most popular whiskeys and liqueurs. Eat lunch in historic Lynchburg which is in walking distance from the distillery.

**County Music Hall of Fame and Nashville Excursion**  
**Saturday, May 11th**  
9:00am to 4:00pm  
Tour Bus departs from the Delta Portico at 9am. Tour returns to the hotel at 4:30pm.

Explore downtown Nashville! Bus will unload and load at the Country Music Hall of Fame and Museum. There will also be plenty of time to eat lunch, explore other venues, and catch some live music downtown. Cost of lunch and any other downtown attractions is not included.
RUSSELL HORN BIO &
GRANT INFO

Russell E. Horn, Sr., P.E

Mr. Horn was a 1933 graduate of the Pennsylvania State University, with a degree in Civil Engineering.

He was a Registered Professional Engineer in Pennsylvania and more than (20) other states. He was a Charter Member of the Harrisburg Section, which he joined in 1958 and became a Life Member.

Mr. Horn passed away in December 2013 at the age of 101. The Russell Horn Grant will continue to be funded through the Russell and Eleanor Horn Foundation. We are grateful to Mr. Horn and to this foundation for the continued support of this grant.

$1,000 GRANT

A $1,000 Grant is given to the favorite charity of the recipient of the Robert E. Pearson/Person of the Year Award. Russell E. Horn, Sr., P.E., was the Founding Father of the York, Pennsylvania Engineering Firm, Buchart Horn, Incorporated. He was a Charter Member of the first formed Section of ASHE in Harrisburg, PA and is the 17th name to appear on the Original Charter.

Robert E. Pearson/
Person of the Year Award Winner
Paul D. Degges, P.E

During his 30 year tenure with the TDOT, Mr. Degges has gained valuable experience by working closely with appointed and elected officials on the state and national level in formulating transportation policy. In his current position as deputy commissioner/chief engineer, he has overseen the award of more than 6,200 contracts with a construction value of more than $13 billion dollars.

In addition to his work with TDOT, Mr. Degges has generously given his time to serve on multiple AASHTO and FHWA committees. He currently holds the position of Vice Chairman of AASHTO’s Committee on Highways & Streets and has served as Tennessee Technological University Dean of Engineering’s Strategic Direction Team and on the Advisory Council for Engineering. Mr. Degges is a true champion for the advancements in the transportation industry, and we believe it will be difficult for the selection committee to find another candidate whose outstanding professional record and distinguished service to the profession exceeds that of Mr. Degges.

Mr. Degges chose the Tennessee Tech University Foundation – Civil & Environmental Engineering Department as his charity and ASHE will make a $1,000 contribution on his behalf.
# Awards

**Robert E. Pearson/Person of the Year Award Honorees**

<table>
<thead>
<tr>
<th>Year</th>
<th>Name</th>
<th>Year</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Paul Degges, P.E.</td>
<td>1996</td>
<td>Kenneth Afferton</td>
</tr>
<tr>
<td>2018</td>
<td>Christopher Runyan</td>
<td>1995</td>
<td>Ronald Zook</td>
</tr>
<tr>
<td>2017</td>
<td>Robert Collyer, P.E.</td>
<td>1993</td>
<td>Ellis Vieser</td>
</tr>
<tr>
<td>2016</td>
<td>Barry Schoch, P.E.</td>
<td>1992</td>
<td>Francis Francois</td>
</tr>
<tr>
<td>2015</td>
<td>Michael M. Ryan, P.E.</td>
<td>1991</td>
<td>John Rurter</td>
</tr>
<tr>
<td>2014</td>
<td>DeLane Meier, P.E.</td>
<td>1990</td>
<td>Wayne Kauble</td>
</tr>
<tr>
<td>2013</td>
<td>Richard E. Stees, PLS</td>
<td>1989</td>
<td>B. J. Smith</td>
</tr>
<tr>
<td>2010</td>
<td>James Jurgensen, Sr.</td>
<td>1986</td>
<td>Warren Smith</td>
</tr>
<tr>
<td>2009</td>
<td>Thomas D. Moreland, P.E.</td>
<td>1985</td>
<td>David Sims</td>
</tr>
<tr>
<td>2008</td>
<td>Russell E. Horn, Sr., P.E.</td>
<td>1984</td>
<td>Drew Lewis</td>
</tr>
<tr>
<td>2007</td>
<td>Jack Lettierie</td>
<td>1983</td>
<td>John Graham, Jr., P.E.</td>
</tr>
<tr>
<td>2006</td>
<td>Raymond Pethtel</td>
<td>1982</td>
<td>Thomas Larson</td>
</tr>
<tr>
<td>2005</td>
<td>Senator J. Barry Stout</td>
<td>1981</td>
<td>Robert Hirschman</td>
</tr>
<tr>
<td>2004</td>
<td>Thomas F. Barry, Jr., P.E.</td>
<td>1980</td>
<td>W. Guy Gunn</td>
</tr>
<tr>
<td>2002</td>
<td>Thomas Ridge</td>
<td>1978</td>
<td>Wilmer Eidermiller</td>
</tr>
<tr>
<td>1998</td>
<td>Ben G. Watts</td>
<td>1975</td>
<td>Donald Stabler</td>
</tr>
<tr>
<td>1997</td>
<td>Marshall W. Moore</td>
<td>1974</td>
<td>Jacob Kassab</td>
</tr>
</tbody>
</table>

**Gene G. Smith Award**

In 1989, the “Gene G. Smith Award” was established and is presented to the Section with the largest number of new members within the current fiscal year.

**Gene G. Smith, P.E., Biography**

Mr. Gene G. Smith was a Professional Engineer and a Professional Land Surveyor in the Commonwealth of Pennsylvania. Gene became directly involved with the transportation industry in 1963 when he began his career with the PA Department of Highways in Franklin, PA.

Mr. Smith joined the Franklin Section in 1964, serving in various capacities on the local Board of Directors and was elected Section President in 1975. He also served on the National Board of Directors and in 1980 was elected National President.

During his term on the National Board, Gene served as Chair of the New Sections Committee. After much consideration, the National Board created their first slide presentation to promote ASHE. New ASHE Sections were chartered; two in Ohio and two in West Virginia. Gene was awarded the President’s Award in 1978 for the establishment of these Sections.

With regard to respect from his peers, he was named the fourth ASHE Honorary Member in 2001, which clearly exemplifies the high esteem and admiration shown by the ASHE members he was associated with.
### Gene G. Smith Award Winners

<table>
<thead>
<tr>
<th>Year</th>
<th>Section</th>
<th>Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>Georgia</td>
<td>190</td>
</tr>
<tr>
<td>2018</td>
<td>Chesapeake</td>
<td>47</td>
</tr>
<tr>
<td>2017</td>
<td>New York Metro</td>
<td>75</td>
</tr>
<tr>
<td>2016</td>
<td>Middle Tennessee</td>
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</tr>
<tr>
<td>2015</td>
<td>Clearfield</td>
<td>2</td>
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<tr>
<td>2014</td>
<td>Potomac</td>
<td>50</td>
</tr>
<tr>
<td>2013</td>
<td>Georgia</td>
<td>42</td>
</tr>
<tr>
<td>2012</td>
<td>Middle Tennessee</td>
<td>30</td>
</tr>
<tr>
<td>2011</td>
<td>Delaware Valley</td>
<td>30</td>
</tr>
<tr>
<td>2010</td>
<td>Mid-Allegheny</td>
<td>39</td>
</tr>
<tr>
<td>2009</td>
<td>Southwest Penn</td>
<td>29</td>
</tr>
<tr>
<td>2008</td>
<td>Georgia</td>
<td>67</td>
</tr>
<tr>
<td>2007</td>
<td>Georgia</td>
<td>120</td>
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<tr>
<td>2006</td>
<td>Georgia</td>
<td>80</td>
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<tr>
<td>2005</td>
<td>Northeast Florida</td>
<td>62</td>
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<tr>
<td>2004</td>
<td>Northeast Florida</td>
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<tr>
<td>2003</td>
<td>Potomac</td>
<td>62</td>
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<td>2002</td>
<td>Central Florida</td>
<td>89</td>
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<td>2001</td>
<td>Southern New Jersey</td>
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<td>2000</td>
<td>Harrisburg</td>
<td>76</td>
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<td>1999</td>
<td>Pittsburgh</td>
<td>79</td>
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<td>1998</td>
<td>Delaware Valley</td>
<td>48</td>
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<tr>
<td>1997</td>
<td>Carolina Triangle</td>
<td>31</td>
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<tr>
<td>1996</td>
<td>Central Florida</td>
<td>57</td>
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<tr>
<td>1995</td>
<td>Central Florida</td>
<td>54</td>
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<tr>
<td>1994</td>
<td>First State</td>
<td>38</td>
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<tr>
<td>1993</td>
<td>Nor Central New Jersey</td>
<td>7</td>
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<tr>
<td>1992</td>
<td>Pittsburgh</td>
<td>95</td>
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<tr>
<td>1991</td>
<td>Chesapeake</td>
<td>40</td>
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<tr>
<td>1990</td>
<td>Chesapeake</td>
<td>36</td>
</tr>
<tr>
<td>1989</td>
<td>Chesapeake</td>
<td>34</td>
</tr>
</tbody>
</table>

### George Hart Award

This Award is presented to the Section with the largest percent increase in membership within the current fiscal year.

The first “George Hart Award” was presented to the Pittsburgh Section in 1976.

### George K. Hart Bio

Became a National Director in 1965 and assumed the duties as National Treasurer in 1967. Mr. Hart passed away on October 2, 1975.

Before becoming active in the National Society, Hart was very active in the Williamsport Section from its inception.

The George K. Hart Award, in memory of a former National Treasurer, was started in 1975 to honor the Section which showed the greatest percentage of membership increase.
George Hart Award Winners

2019  Houston
2018  Long Island
2017  New York Metro
2016  Middle Tennessee
2015  Clearfield
2014  Potomac
2013  East Penn
2012  Middle Tennessee
2011  Phoenix Sonoran
2010  Carolina Piedmont
2009  Chesapeake
2008  Carolina Piedmont
2007  Middle Tennessee
2006  New York Metro
2005  Northeast Florida
2004  Carolina Piedmont
2003  Potomac
2002  Northeast Florida
2001  Old Dominion
2000  North Central West Virginia
1999  Georgia
1998  North Central New Jersey
1997  Potomac
1995  Tampa Bay
1995  Potomac
1994  First State
1993  North Central New Jersey
1992  Potomac
1991  Potomac
1990  Triko Valley
1989  Mid-Allegheny
1988  Mid-Allegheny
1987  North Central West Virginia
1986  Altoona
1985  Central Ohio
1984  Cuyahoga Valley
1983  Ohio Valley
1982  Altoona
1981  North Central West Virginia
1980  Charleston
1979  Cuyahoga Valley
1978  Western Reserve
1977  Southwest Penn

Terence D. Conner Award
This award was created in 2007 in recognition of Terence Conner’s long service as the National Secretary of ASHE and his work in renewing members for all Sections. The National Board of Directors created this award recognizing that it is just as important to reward those Sections that work hard to keep their existing members, as it is to reward those that work at recruiting new members. In case of a tie for this award, the number of new members added is used as the tiebreaker; however, the Sections that win the Hart or Smith Awards will not be eligible to win this award in a tiebreaker (they are, however, eligible to win the award outright).

Terence D. Conner, P.E., PLS, National Secretary 1978-2008
Terry is a member of the Southwest Penn Section of Region 3 where he served as a two term President. Terry served as our National Secretary for (30) years continually performing general secretary duties for our organization. Terry received the National President's Award in 1984 for outstanding service as National Secretary and efforts extended computerizing the membership file. He also received the National President’s Award in 1991 in recognition of his continued dedication as National Secretary of ASHE.

With several years of dedicated service to the ASHE Organization, the National Board granted him an Honorary Membership on May 16, 1998.
As a result of his dedicated service to the ASHE Society, the Executive Committee of the National Board, in July 2007, awarded him by naming him one of our Honorary Past Presidents. Terry earned his B.S. in Civil Engineering from Pennsylvania State University in 1961. He began his engineering career in the public sector by gaining employment with the Pennsylvania Department of Transportation. Terry is a Professional Engineer and Professional Land Surveyor in the state of Pennsylvania. He worked more than (30) years in PennDOT at various levels of design and management before retiring from the State.

Terry then moved to the private sector and began working for McTish, Kunkel & Associates, Incorporated in Rostraver, Pennsylvania. He served as their Vice President for western Pennsylvania for (15) years until he retired in May 2005. He is also a member of ASCE, PSPE and NSPE. Much of the Society’s continuity of purpose and steady growth are a tribute to his efforts.

Terence D. Conner Award Winners

<table>
<thead>
<tr>
<th>Year</th>
<th>Section</th>
</tr>
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<tbody>
<tr>
<td>2019</td>
<td>Derby City</td>
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<tr>
<td>2018</td>
<td>Long Island</td>
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<tr>
<td>2017</td>
<td>Potomac</td>
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<tr>
<td>2016</td>
<td>Blue Ridge</td>
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<td>2015</td>
<td>Lake Erie</td>
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<tr>
<td>2014</td>
<td>Mid-Allegheny</td>
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<tr>
<td>2013</td>
<td>East Penn</td>
</tr>
<tr>
<td>2012</td>
<td>Greater Hampton Roads</td>
</tr>
<tr>
<td>2011</td>
<td>New York Metro</td>
</tr>
<tr>
<td>2010</td>
<td>Gold Coast</td>
</tr>
<tr>
<td>2009</td>
<td>North East Penn</td>
</tr>
<tr>
<td>2008</td>
<td>Central Florida</td>
</tr>
</tbody>
</table>

Robert E. Yeager Award

The National Board of Directors created this award in 2007 in recognition of Bob’s long service as the National Treasurer of ASHE. One distinctive character of ASHE is that all members are treated equally, no matter how he or she contributes to the highway industry. This fact is often what attracts a potential member to the organization so maintaining a balanced and diverse membership should also help boost membership and is, therefore, worthy of recognition. The Section with the best balance of employment types among the new members joining during the past year will receive this award. In the unlikely event of a tie, the larger Section will receive the award.

Robert E. Yeager, P.L.S. Bio

National Treasurer 1975-2008 Bob is a member of the Altoona Section in Region 4. Joining ASHE in 1963, he was a Board Member and President of the Altoona Section. He then served on the National Board and became National President in 1974. He served as National Treasurer from 1975 till 2008. With several years of dedicated service to the ASHE Organization, the National Board granted him an Honorary Membership on April 17, 1998. Bob earned his B.S. in Civil Engineering from Pennsylvania State University in 1959. He later continued his education at Cornell University in Construction Engineering. Bob began his career as a field engineer with the Harrison Construction Company and then with the S. J. Groves Construction Company. Over the next (23) years, he continued to refine his construction skills with Vipond & Vipond, Incorporated, earning promotions from Supervisor to Project Manager, to Vice President of Construction. He then started work with the I A Construction Company where he worked for ten years as their District Manager.
Robert E. Yeager, P.L.S. Bio (Continued)
From 1995 to 1997 Bob was the owner of R. E. Yeager Consulting, Incorporated. He retired in 1997 after working more than (38) years in the construction industry. Bob has an E.I.T and is a Professional Land Surveyor in Pennsylvania.

Robert E. Yeager Award Winners
2019        Triko Valley
2018        First State
2017        Blue Ridge
2016        Blue Ridge
2015        Cuyahoga Valley
2014        Clearfield
2013        Williamsport
2012        Franklin
2011        Williamsport
2010        Franklin
2009        Williamsport
2008        Franklin

Calvin Leggett Life Time Achievement

Calvin Leggett has given 31 years of endless support of our organization at Section, Regional, and National Level.

His oversight into forming Region 8 bylaws and giving structure to our region along with recommendations to improve sponsorship, membership, and legislative involvement is invaluable to our Section and Region. He is in constant contact with our Section I Region on matters relating to ASHE National, discussing upcoming issues, asking opinions, and following up on matters relating only to the enhancement of our organization.

Mr. Leggett's important role in the State of North Carolina's transportation funding along with his approachability and knowledge of the highway industry has proven to be a valuable resource for the ASHE Organization.

At the National level, Mr. Leggett has been successful in raising the political awareness of the organization to an unprecedented level. As Chairman of the National Legislative Review Committee, he has assembled a grass-roots network throughout the membership, kept the National Board and the Local Sections informed of legislative activities that affect our organization, developed position papers, and drafted communications between the National President and various elected officials.
**Education**
- Calvin Leggett graduated from the University of Mississippi in 1973 with a B.S. in Civil Engineering.
- He was selected for membership Tau Beta Pi Engineering honorary society, Chi Epsilon, the Civil Engineering honorary society, and Pi Mu Epsilon the Mathematics honorary society.
- Received his Master of Civil Engineering degree from North Carolina State University in 1975. He is a registered professional engineer in North Carolina.

**Notable Achievements with ASHE**
- Mr. Leggett joined American Society of Highway Engineers Carolina Triangle Section in 1992, the first year ASHE Carolina Triangle was chartered.
- He was elected to 2nd VP of the Carolina Triangle Section in 1996 became 1st VP in 1997 and Section President in 1998.
- As a Section Officer in the Carolina Triangle Section he served on the Executive Committee for the 1999 National Conference to be held in Asheville and developed all Technical Programs for the National Conference.
- In 2006 our section was in need of a Regional Director of which Mr. Leggett took on that responsibility without hesitation. He served as the Regional Director and President from 2006 to 2008 for ASHE Region 8.
- As the new Regional Director, he started the first Region 8 meetings, developed bylaws, dues structures, and treasury for the Region.
- In 2009 Mr. Leggett was elected as 2nd Vice President to the ASHE National Board where he has been instrumental in developing templates for Section and Regional bylaws and review checklists for National approvals.
- On the National Board, as Chairman of the Legislative Review Committee, Mr. Leggett organized a network of members from all of the Regions and Sections through which information on current legislation is disseminated and from which positions that ASHE should take on pending legislation are developed. He develops political position papers for the organization and drafts communications between the National Board and elected officials.
- Mr. Leggett was awarded the 2009 ASHE National Presidents Award
- In 2010, Mr. Leggett was elected as 1st Vice President
- In 2011, Mr. Leggett was elected as National President
- Currently serving as the Treasurer for the 2020 National Conference which will be held in Raleigh, NC.

**Other Industry Achievements**
- Fellow in the Institute of Transportation Engineers.
- President of ITE, North Carolina Section, 2004
- Awarded the Marble T. Hensley Award for Outstanding Individual Activity by the Southern Section of ITE.
- Awarded the Robert Dodge Professional Image Award by the North Carolina ITE Section
- Past President and active member in the Raleigh Engineers Club
- Former member of AASHTO Standing Committee on Planning
- Former member of AASHTO Standing Committee on Research
- Previous AASHTO member on many other committees including the Reauthorization Task Force
- Former President and active member of the Greater Raleigh Exchange Club
**Lifetime Achievement Recipients**

This prestigious award is for ASHE Members only and was established to recognize an ASHE member who has supported the organization throughout their career.

- **2019**  Calvin Leggett, PE  
  Carolina Triangle

- **2018**  Gerald "Jerry" Pitzer, PE  
  Pittsburgh

- **2017**  David W. Jones, PE  
  Central Ohio

- **2016**  Jeffrey Sievers  
  Central Florida

- **2015**  Sandra K. Ivory  
  Altoona

- **2014**  Rodney Pello, PE  
  North Central New Jersey

- **2013**  Richard S. Prentice  
  Delaware Valley

- **2012**  Tamara "Tammy" A. Johnson

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**ASHE Member of the Year Award**

Donna McQuade was the recipient of the 2019 ASHE National Member of the Year Award. The award was presented during the banquet dinner held on Saturday, May 11, at the National Conference held at Gaylord Opryland Resort in Nashville, TN.

The ASHE Northeast Florida Section would not have functioned to the levels that it has within the past year with Donna’s leadership, dedication and steadfast involvement. This past year she sat on five committees which include Sponsorship, Membership, Golf Scholarship, ASHE/DBIA Clay Shoot and Programs, sat on the board as Treasurer and has committee hundreds of hours to ASHE.

Donna’s relationships with local construction and engineering companies have helped both membership and sponsorship maintain high levels of involvement and participation. The Northeast Florida ASHE Section currently has 207 members and has 24 company sponsors with the most platinum (highest level) sponsors in recent history with four at $1,000. She placed a big role in raising $17,500 (the most ever) at the 17th annual scholarship Gold Tournament where proceeds went to three $2,500
scholarships and the remaining amount going to the University of North Florida Operating Fund for Competitions and Travel.

Donna not only served as the financial controller for the committee ensuring budgets and goals are met but she also was a leader in big decisions within all committee meetings throughout the year. Her role on the ASHE/DBIA Clay shoot committee helped ASHE raise over $9,000 where the proceeds went to the UNF ASHE student chapter and the UNF Operating Fund for Competitions and Travel.

For the Programs committee, Donna sits at the registration table at every event which includes monthly lunch presentation, happy hours and the annual Holiday Party. She makes sure that everyone is greeted with a smile and that all payments are collected and any new members are added to the ASHE email blasts which helps grow our membership.

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**Member of the Year Award Recipients**

This award recognizes someone that has contributed greatly to the growth and development of ASHE during the previous year.

- **2019** Donna McQuade  
  Northeast Florida

- **2018** James Shea, P.E.  
  Lake Erie

- **2017** Dawn Fortuna, AICP  
  Phoenix Sonoran

- **2016** No Submissions

- **2015** Caroline F. Duffy, P.E.  
  Triko Valley

- **2014** Tim Matthews, P.E.  
  Georgia

- **2013** Perry Schweiss, P.E.  
  Southwest Penn

- **2012** Charles T. Liggett  
  Central NY

- **2011** John A. Derr, P.E.  
  Phoenix Sonoran

- **2010** Samir Mody, P.E.  
  Southern New Jersey

- **2009** Jacklyn VanderPol  
  Central Florida
Young Member of the Year
Laura Compos

Description of ASHE Activities
- Elected to Board of Directors for ASHE Central Florida for 2018/19.
- Attends monthly meetings with members of the ASHE-CF Board of Directors
- Programs Committee Chair for ASHE Central Florida
- Currently leads eight (8) ASHE members inside the Programs Committee
- Executes and leads monthly Programs Committee meetings to discuss present and future activities, select specific program committees and assign tasks.
- Completed Programs/Assignments (2018):
  - *Trivia Night.* Central Florida kicked off our monthly *Transportation Tuesdays* in 2018. Members and non-members alike were invited to a Trivia Night where they could socialize, show off their trivia knowledge, enjoy appetizers and win prizes. The event was a huge success, created great motivation for future events and increased our membership number.
  - *Second Harvest Food Drive (ASHE-CF/ASCE-YMS):* We partnered with the ASCE Younger Member Forum to collect canned goods for the Second Harvest Food Bank as part of a social event. Admission to the event was a non-perishable food item.

Professional/Career Achievements
- Current position: Lead Drainage Engineer, GAI Consultants, Inc.
  List of responsibilities include:
  - Assist and/or lead drainage design efforts for various projects and pursuits such as SR 75 (US 231) which consists of widening SR 75 from 4 to 6 lanes.
  - Provide constant training to recent hired engineers in training (EIT’s) and interns
  - Delegate tasks to EIT’s and CAD Technicians
- Past position (in Transportation): Drainage Engineer, AECOM.
- Recognitions/Certifications
  - 30-Hour Occupational Safety and Health Administration (OSHA) Training Course in Construction and General Industry
  - 10-Hour Occupational Safety and Health Administration (OSHA) Training Course in Construction
  - Certification in Low Impact Development

Young Member of the Year
Laura Compos (Continued)

- 2018 Holiday Mixer (ASHE-CF/WTS)
- 3D Laser Scanning Technical Seminar: A technical luncheon, presented by Judd French from CPC, Inc., which provided members and non-members knowledge about the different benefits of 3D Laser Scanning. ASHE is a licensed provider of PDHs in the state of Florida. One PDH credit was assigned to every professional engineer who attended the seminar.
- Future Programs/Assignments
  - *Transportation Tuesdays*
  - 7th Annual E-Week Transportation Summit
  - ASHE-CF Annual Banquet
  - 2019 Clay Shoot
Young Member of the Year Award

This award recognizes a young member (under age 35) that has contributed significantly to ASHE and/or the highway industry.

2019 Laura Campos
Central Florida

2018 Amanda Lafleur
Chesapeake

2017 Whitney Stevens
Tampa Bay

2016 John Caperilla
Delaware Valley

2015 Timothy Belcher
Potomac

2014 Vanessa Fritsch
Triko Valley

2013 Patrick J. Herl
Central Ohio

2012 Kathryn E. Power
Pittsburgh

2011 Yung Koprowski
Phoenix Sonoran

2010 Barbara Jordan, PE
Central Ohio

2009 Jill Kaempf
Georgia

National President’s Award

2019 Announced at Gala

2018 Tammy L. Farrell

2017 Charles L. Flowe, PE.

2016 David Greenwood, PE.

2015 Jennifer Yoder

2014 Nikki G. Parris, PE.

2013 Jacob A. Morisi

2012 Gerald J. Pitzer, PE.

2011 Shirley Stutter

2010 Thomas Morisi & Craig Rock

2009 Calvin Legget, PE.

2008 Sandra K. Ivory

2007 David Jones, PE. & Andrew Stasek

2006 No Award Given

2005 David Jones, PE. & Michael Hershey, PE.

2004 Al Algazi, PE. & Richard Prentice

2003 Diane Conner & Mariann Yeager

2002 Evelyn Curtis

2001 No Award Given

2000 Pasquale A. Dougherty, PE

1999 Roland Nesslinger, PE.

1998 Lisle E. Williams, PE.

1997 Albert W. Kozel, Jr., PE.

1995 Michael Martin, PE.

1994 James W. Charles, PE.

1993 Roland Nesslinger, PE.

1992 Robert E. Yeager, R.S.

1990 Raymond Petrucci, PE.

1989 R. Paul McConnell

1987 Stephen B. Lester, PE.

1986 John DeRenzo

1985 Matthew J. McTish, PE.

1984 Terence D. Conner, PE.

1983 Delaware Valley Section

1982 Robert Yeager, R.S.

1981 Charles Luff

1979 Robert Stallknecht, PE.

1978 Gene G. Smith, PE.
Under $20M Project of the Year
Judge Jodie Stavinoha Bridge

Extreme rainfall events in 2015 and 2016 dramatically accelerated erosion along the Brazos River at the Judge Jodie Stavinoha Bridge on SH 99 in Fort Bend County, Texas. The eight-span, 1,200-foot-long bridge is traveled by more than 25,000 commuters and residents daily and serves as a major hurricane evacuation route for the Gulf Coast area.

As a result of these storm events, the north bank of the Brazos was within 40 feet of the bridge’s north abutment, the final support for the bridge’s structure. The Fort Bend Grand Parkway Toll Road Authority had begun a project to preserve and protect the final bridge support, and that project was under construction when Category 4 Hurricane Harvey hit the area. As the area’s residents sought shelter from four days of torrential downpours and fled unprecedented waters levels in the rising river, the Authority’s leaders, BGE engineers, and field crews sprang into action to develop and execute an emergency bridge closure and detour plan. When the storm waned, the bank of the river was within 10 feet of the north abutment, rendering the original construction project impossible to construct. With time of the essence, the BGE team worked around the clock to develop a solution to save the bridge.

To be successful, the improvements to protect the bridge's north abutment would need to meet two unusual criteria. First was the need to address how to stabilize the bridge when the ground below the roadway over the north abutment was no longer there. Second was the need to keep SH 99 open to traffic as much as possible during construction. To minimize roadway demolition, replacement pavement construction, and construction duration, the central element of the new design was large 10-foot-diameter drilled shafts constructed behind the existing abutment (through the road above). These shafts were constructed deep enough to be cantilevered into stable soil. By eliminating the need for tiebacks farther away from the riverbank, the area of pavement demolition and replacement was reduced to a minimum. Outside the limits of the roadway approach, drilled shafts with smaller 5.5-foot diameters and shorter lengths were used with a conventional tieback system since that construction would not interfere with SH 99 traffic flow. The project team initially considered both "secant pile" and "tangent pile" wall configurations. After considering cost effectiveness, speed of installation, and flexibility of design, the team chose the tangent pile wall configuration, with smaller shafts to seal any remaining gaps between the main shafts. This technique was 20 percent lower in cost and 50 percent faster to install. The design was also based on limitations of the drilling equipment on the site and had a maximum diameter of 10 feet.

Despite the enormous challenges, BGE delivered a solution that was constructed on time and within budget and helped speed the social and economic recovery for the region.
Over $20M Project of the Year
I-10 / SR303L Traffic Interchange

OWNER: Arizona Department of Transportation
ENGINEER: AZTEC Engineering Group, Inc.
CONTRACTOR: Pulice Construction

The recently completed multi-directional Interstate 10 (I-10)/State Route Loop 303 (SR303L) is the largest system traffic interchange (TI) in the state of Arizona. It completes a major component of the Maricopa Association of Governments (MAG) Regional Transportation Plan (RTP) Freeway Program. The TI is the anchor for the 40-mile SR303L and its completion opens a new corridor for West Valley economic development. As Arizona’s only five-level TI, it includes fully-directional ramps and an embedded one-way frontage road network to serve the arterial street system surrounding it. Phase I constructed two flyover bridges and the frontage road system, which was a unique design in Arizona that increased the overall footprint of the project to yield the largest system TI in Arizona. The frames of the two additional flyovers were later constructed over the realigned I-10.

The project includes 14 bridges with multi-span freeway ramps 75-feet above the existing grade. Phase II included completion of the SR303L directional ramps to the south of I-10 and the construction of the SR303L from its current termination just north of McDowell Road, to Van Buren Street. Major scope included excavation, aggregate base, PCCP, asphaltic concrete pavement and the construction of eight cast-in-place, post-tensioned box girder concrete bridges.

Phase I, connecting I-10 with SR303L to the north, began in April 2009 with construction starting in November 2011 and the ribbon cutting ceremony in August 2014. Funding for Phase II became available sooner than anticipated, allowing the project to advance. The final design connecting I-10 to the existing Cotton Lane south of Van Buren Street began in November 2013 with construction starting in February 2016. The completed interchange opened to traffic in October 2017.
National President
Richard N. Cochrane, P.E.

Richard Cochrane has served the transportation industry for over forty years. He is a graduate of Penn State University, with both a Bachelor of Science degree in Civil Engineering and a Master of Public Administration degree.

Mr. Cochrane has been an active member of ASHE since 1978. During that time, he has served as president of the North East Penn Section (2000-2001) and as a National Director (2007-2010). He is currently the Northeast Region Secretary (2009-) and chairman of the National Cloud Subcommittee. He was very active in getting the Northeast Region organized. He is currently on the Board of Directors of the North East Penn Section and is also a member of the East Penn Section.

Richard has over forty years of experience in the highway industry, with thirty-six years with the Pennsylvania Department of Transportation and an additional four years as a consultant engineer. During that time, he worked in research, planning, and construction administration. He has several publications dealing with various highway and bridge research projects. He now works part time for McTish, Kunkel & Associates, in Allentown, PA. He also remains active in the transportation field as a volunteer to several trail organizations, and is the Treasurer for the Anthracite Scenic Trails Association and organizes an annual Northeast Pennsylvania Trails Symposium.

Richard lives in Clarks Summit, Pennsylvania. In his spare time, he enjoys traveling, flying (as a private pilot) and riding a bicycle-built-for-two with his wife, Marie. He also serves the First Presbyterian Church of Clarks Summit as an Elder and Choir Director. He and Marie have two sons and four grandsons.

Incoming National President
Michael Hurtt, P.E.

Mike has been a member of ASHE since 2006 when he became a charter member of the Central New York Section. In 2009, Mike worked with ASHE National to establish the Albany Section, which was chartered in 2010 with 78 members. He served as the Albany Section’s first president for two years. As a past section president, Mike serves on the Board of Directors for the Albany Section.

Many in ASHE were introduced to Mike during the very successful 2013 ASHE National Conference held in Lake Placid, NY, hosted by the Albany and Central New York Sections. Mike was the Conference Co-Chair and Master of Ceremonies.

On the National-level, Mike has served on the Executive, Budget/Audit, New Sections, National Conference, and Ad Hoc Committees.

Mike is a Senior Vice President with CHA Consulting, Inc. in Albany, NY and currently holds the position of Chief Engineer - Transportation. He has 35 years of experience in design and construction of highway and bridge projects. Mike is a Professional Engineer in New York, holds four NICET certifications, and is an active project panel member for the National Cooperative Highway Research Program (NCHRP). Mike received his A.A.S. in Civil Engineering Technology from Hudson Valley Community College in Troy, NY in 1984.

Mike is a life-long Halfmoon, NY resident. He has two daughters; Rebecca (28) and Rachel (23). Mike is a jack-of-all trades, has designed and built 3 homes, and has restored a 1964 Corvette Stingray. In his spare time, Mike enjoys boating, target shooting, and is an avid motorcyclist. Mike has ridden several long-distance motorcycle adventures including an epic 16-day, 8600-mile cross-country motorcycle adventure in 2012.

Mike is also a published author, having written two novels; “Alone in a Crowd” (2005), “Brothers Iscariot” (2013), and is currently working on a third.
2018-2019 National Board
Officers
Richard Cochrane, P.E., National President
Northeast Region - North East Penn
Michael Hurtt, P.E., 1st Vice President
Northeast Region - Albany
Tim Matthews, P.E., 2nd Vice President
Southeast Region - Georgia
Thomas Morisi - Secretary
Northeast Region - Altoona
Frank O’Hare, P.E./P.S., Treasurer
Great Lakes Region - Central Ohio
Greg Dutton, P.E., Past National President
Southeast Region - Central Florida

Directors
3 Year Directors
Roger B. Carriker, P.E.-Mid-Atlantic Region - Chesapeake
Stan Harris, P.E.-Great Lakes Reg. - Triko Valley
Kathryn Power, P.E.-Northeast Reg. - Pittsburgh
2 Year Directors
David A. Greenwood, P.E.-Mid-Atlantic Region - Chesapeake
Scott Jordan, P.E.-Southeast Region - Georgia
Mark A. Kinnee, P.E.-Northeast Region - Delaware Valley
1 Year Directors
Frank Bronzo-Great Lakes Region - Cuyahoga Valley
Donato Di Zuzio-Northeast Region - North Central New Jersey
Leigh Lilla, P.E.-Southeast Region - Tampa Bay
President’s Assistant (Appointed)
Shirley Stuttler-Northeast Region - Franklin

2019-2020 National Board
Officers
Michael Hurtt, P.E., National President
Northeast Region - Albany
Tim Matthews - 1st Vice President
Southeast Region - Georgia
Leigh Lilla, P.E., 2nd Vice President
Southeast Region - Tampa Bay
Thomas Morisi - Secretary
Northeast Region - Altoona
Frank O’Hare, P.E./P.S., Treasurer
Great Lakes Region - Central Ohio
Richard Cochrane, P.E., Past National President
Northeast Region - North East Penn

Directors
3 Year Directors
Frank Bronzo-Great Lakes Region - Cuyahoga Valley
Donato Di Zuzio-Northeast Region - North Central New Jersey
Jason Hewatt, Southeast Region - Georgia Section
2 Year Directors
Roger B. Carriker, P.E.-Mid-Atlantic Region - Chesapeake
Stan Harris, P.E.-Great Lakes Region - Triko Valley
Kathryn Power, P.E.-Northeast Region - Pittsburgh
1 Year Directors
David A. Greenwood, P.E.-Mid-Atlantic Region - Chesapeake
Scott Jordan, P.E.-Southeast Region - Georgia
Mark A. Kinnee, P.E.-Northeast Region - Del Valley
President’s Assistant (Appointed)
Shirley Stuttler-Northeast Region - Franklin
ASHE Administrative Assistant
Nancy Morisi
ASHE Past National Presidents

(Continued)

1979-80  George J. Parrs, P.E.  North East Penn
1978-79  Joseph C. Martineilli  Southwest Penn
1977-78  Harold C. Poulson, P.E. *  Harrisburg
1976-77  John DeRoss *  Pittsburgh
1975-76  Atwood Welker, Jr., P.E.  Williamsport
1974-75  Robert E. Yeager, R.S.  Altoona
1973-74  James Weaver, Sr. *  Pittsburgh
1972-73  Donald Rimmer *  Harrisburg
1971-72  John Leapson, Jr., P.E.  Delaware Valley
1970-71  Robert Martzall, P.E. *  Harrisburg
1969-70  Robert Kepner, P.E. *  Clearfield
1968-69  C. J. Wachter, Jr. *  East Penn
1967-68  James R. Barnicle, P.E. *  Franklin
1966-67  Walter H. Burke, P.E. *  Harrisburg
1965-66  John P. Rutter, P.E.  Harrisburg
1964-65  John P. Rutter, P.E.  Harrisburg
1963-64  Donald R. Conrad, P.E. *  Clearfield
1962-63  Russell Horn, P.E. *  Harrisburg
1961-62  Ray Grove *  Harrisburg
1960-61  C. Edward Swartz, P.E. *  Harrisburg
1959-60  Robert L. Keller, P.E.  Harrisburg

Honorary Past President Robert Sherr, P.E. *
Honorary Past President Terence D. Conner, P.E.

*Deceased
### Past National Conferences

<table>
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<tr>
<th>YEAR</th>
<th>HOST</th>
<th>DATE</th>
<th>LOCATION</th>
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<tr>
<td>2018</td>
<td>Lake Erie</td>
<td>May 17-20</td>
<td>Cleveland, OH</td>
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<td>2017</td>
<td>New York Metro</td>
<td>June 14-18</td>
<td>New York, NY</td>
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<td>2016</td>
<td>Pittsburgh</td>
<td>May 18-22</td>
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<td>2015</td>
<td>Chesapeake</td>
<td>May 27-31</td>
<td>Baltimore, MD</td>
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<td>2014</td>
<td>Central Dacotah</td>
<td>June 11-15</td>
<td>Bismarck, ND</td>
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<td>2013</td>
<td>Central NY &amp; Albany</td>
<td>June 5-8</td>
<td>Lake Placid, NY</td>
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<td>2012</td>
<td>Southwest Penn</td>
<td>June 7-10</td>
<td>Champion, PA</td>
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<td>2011</td>
<td>Southeast Region</td>
<td>June 22-26</td>
<td>Orlando, FL</td>
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<td>Region 1</td>
<td>June 9-13</td>
<td>Cincinnati, OH</td>
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<td>Region 8</td>
<td>June 3-7</td>
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<td>Carolina Triangle</td>
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<td>Uniontown, PA</td>
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### Past National Conferences (Continued)

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<td>1960</td>
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<td>Feb 9</td>
<td>Harrisburg, PA</td>
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<tr>
<td>1959</td>
<td>Annual Meeting</td>
<td>June 17</td>
<td>Mechanicsburg, PA</td>
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<tr>
<td>1958</td>
<td>Charter Meeting</td>
<td>April 29</td>
<td>Harrisburg, PA</td>
</tr>
</tbody>
</table>

* Designates ASHE 25th Anniversary
** Designates ASHE 50th Anniversary
**Section Charter Dates and Locations** — Charter for National American Society of Highway Engineers was received May 12, 1958 with 104 Signatures

<table>
<thead>
<tr>
<th>SECTION</th>
<th>DATE</th>
<th>CHARTER MEMBERS</th>
<th>LOCATION</th>
<th>REGION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harrisburg</td>
<td>May 8, 1961</td>
<td>165</td>
<td>Harrisburg, PA</td>
<td>Northeast</td>
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<tr>
<td>Clearfield</td>
<td>June 15, 1961</td>
<td>Not on File</td>
<td>Clearfield, PA</td>
<td>Northeast</td>
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<tr>
<td>Franklin</td>
<td>Sept 1, 1962</td>
<td>41</td>
<td>Franklin, PA</td>
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<td>Altoona</td>
<td>Oct 4, 1962</td>
<td>5</td>
<td>Altoona, PA</td>
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<tr>
<td>Southwest Penn</td>
<td>Jan 25, 1963</td>
<td>Not on File</td>
<td>Uniontown, PA</td>
<td>Northeast</td>
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<tr>
<td>Williamsport</td>
<td>Oct 21, 1965</td>
<td>19</td>
<td>Williamsport, PA</td>
<td>Northeast</td>
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<tr>
<td>East Penn</td>
<td>Oct 12, 1965</td>
<td>44</td>
<td>Allentown, PA</td>
<td>Northeast</td>
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<td>Pittsburgh</td>
<td>Oct 19, 1966</td>
<td>84</td>
<td>Pittsburgh, PA</td>
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<td>Delaware Valley</td>
<td>Jan 25, 1967</td>
<td>69</td>
<td>Philadelphia, PA</td>
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<td>North East Penn</td>
<td>Apr 12, 1967</td>
<td>94</td>
<td>Dunmore, PA</td>
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<tr>
<td>Cayohoga Valley</td>
<td>Mar 28, 1978</td>
<td>46</td>
<td>Akron, OH</td>
<td>Great Lakes</td>
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<tr>
<td>North Central WV</td>
<td>Oct 6, 1981</td>
<td>86</td>
<td>Clarksburg, WV</td>
<td>Mid-Atlantic</td>
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<td>Central Ohio</td>
<td>Apr 24, 1984</td>
<td>54</td>
<td>Columbus, OH</td>
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<td>Lake Erie</td>
<td>May 8, 1985</td>
<td>62</td>
<td>Cleveland, OH</td>
<td>Great Lakes</td>
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<tr>
<td>Southern NJ</td>
<td>Feb 19, 1986</td>
<td>109</td>
<td>Mt. Laurel, NJ</td>
<td>Northeast</td>
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<td>First State</td>
<td>May 6, 1987</td>
<td>44</td>
<td>New Castle, DE</td>
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<td>Mid- Allegheny</td>
<td>Oct 1, 1987</td>
<td>35</td>
<td>Indiana, PA</td>
<td>Northeast</td>
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<td>Chesapeake</td>
<td>Apr 21, 1988</td>
<td>81</td>
<td>Baltimore, MD</td>
<td>Mid-Atlantic</td>
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<td>Triko Valley</td>
<td>June 9, 1989</td>
<td>50</td>
<td>Cincinnati, OH</td>
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<td>Potomac</td>
<td>Oct 25, 1989</td>
<td>42</td>
<td>Washington, D.C.</td>
<td>Mid-Atlantic</td>
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<td>Old Dominion</td>
<td>Oct 23, 1990</td>
<td>50</td>
<td>Richmond, VA</td>
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<td>North Central NJ</td>
<td>Dec 5, 1990</td>
<td>50</td>
<td>Scotch Plains, NJ</td>
<td>Northeast</td>
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<td>Northwest Ohio</td>
<td>May 23, 1991</td>
<td>29</td>
<td>Toledo, OH</td>
<td>Great Lakes</td>
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<tr>
<td>Carolina Triangle</td>
<td>Jan 23, 1992</td>
<td>186</td>
<td>Raleigh, NC</td>
<td>Mid-Atlantic</td>
</tr>
</tbody>
</table>

The following Sections were dissolved:
- Indiana - Indiana, Pennsylvania Kanawaka Valley - West Virginia
- Charlestown - West Virginia
- Ohio Valley - Ohio
- North Florida - Florida
- Western Reserve - Ohio
- Potomac Highlands - West Virginia
- Circle City - Indianapolis, Indiana
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Jennifer Stone  T: 665-671-0776
woodplc.com
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The ASHE Great Lakes Region extends best wishes and gratitude to the Middle Tennessee Section for hosting the 2019 ASHE National Conference.

Best wishes to the Middle Tennessee Section for a successful 2019 ASHE National Conference.

Established in 1958, the founding section of the American Society of Highway Engineers is proud to support the ASHE 2019 National Conference.

ASHE Harrisburg Section
P.O. Box 322
Camp Hill, PA 17011-0322
www.asheharrisburg.org
THE ASHE NORTHEAST REGION

SEND BEST WISHES FOR A GREAT 2019 NATIONAL CONFERENCE IN NASHVILLE

Michael D. Hurtt, PE

The Northeast Region is extremely proud to have Michael D. Hurtt, PE of CDA being inducted as the new National President. Mike has served the ASHE Northeast region, Albany section and National ASHE for many years in numerous leadership capacities.

He will now utilize his talents and passion for ASHE to lead the organization into the future. ASHE is in good hands!

ASHE Northeast Region

Albany - Atcoosa - Central NY - Clarisfield - Delaware Valley
East Penn - 1st State - Franklin - Harrisburg - Long Island - Metro NY
Mid-Allegheny - North Central NJ - North East Penn - Pittsburgh
Southern NJ - Southwest Penn - Williamsport

ASHE First State

Best Wishes to The Middle Tennessee Section for a Successful National Conference

First State Section salutes our ASHE University of Delaware Student Chapter

Visit their website: http://sites.udel.edu/ashe/

ASHE Southwest Penn

Proud to promote a...

SAFE. EFFICIENT. SUSTAINABLE

transportation system in Southwest PA

Keep up with all ASHE SWPA news and happenings...

www.southwestpa.ashe.pro
Congratulations to incoming President Mike Hurtt, charter member of the Central NY section!

Would like to extend Best Wishes to the Middle Tennessee Section for a Successful 2019 ASHE National Conference!

www.cuyahogavalley.ashe.pro

We wish everyone a great conference!

northeastfl.ashe.pro
ASHE Central Dacotah is proud to sponsor the 2019 National Conference.
ASHE Albany congratulates our own Michael Hurtt, PE as incoming ASHE National President for 2019.
ASHE Central Ohio

Project of the Year Awards

OVER $5M
Newark Revitalization Project
Designer, OHM Advisors

UNDER $5M
PIC-CR27-6-S5 Bridge
Designer, Korda Nemeth Engineering

Additional Programs
- Scholarship Dinner
- Educational Luncheons and Seminars
- Social Outings and Events
- Highway Cleanup
- Construction Tours
- and more...

Columbus, Ohio
2022 National Conference

Proud To Serve Our Industry, Community and Membership

ASHE CAROLINA PIEDMONT SECTION
is a proud sponsor of
THE 2019 NATIONAL CONFERENCE
Greetings from ASHE Georgia, the Georgia Transportation Industry’s Top Source for Networking, Scholarships, Education and FUN!

Best Wishes for a Successful 2019 Annual Conference from the ASHE Franklin Section

2019 - 2020 Slate of Officers

Linda Zug - President
Tom McClelland, P.E. - 1st Vice President
Justin Gibbons, P.E. - 2nd Vice President
Max Heckman, P.E. - Past President
J.T. Lincoln, P.E. - Secretary
Darin Hettich, P.E. - Treasurer
Tracy Frampton - 1 Year Director
Geoff Holmes, P.E. - 2 Year Director
Darlene Stringos-Walker - 3 Year Director
J.T. Lincoln, P.E. - Northeast Region Director
ASHE
Mid-Atlantic Region

Our Sections
Chesapeake
Potomac
North Central West Virginia
Old Dominion
Blue Ridge
Greater Hampton Roads
Carolina Triangle
Carolina Piedmont

We think you “Picked” a Very Sweet Spot
The Mid-Atlantic Region extends best wishes and gratitude to the Middle Tennessee Section for hosting the 2019 ASHE National Conference !!!

2019 ASHE National Conference
ASHE North East Penn congratulates and thanks RICHARD N. COCHRANE, P.E. for serving as ASHE National President for the 2018-2019 year

www.ashenepenn.org

THANK YOU MIDDLE TENNESSEE SECTION FOR ANOTHER GREAT CONFERENCE!

ASHE Southeast Region

ASHE Central Florida
Thank you to the Chesapeake Section officers, committees, members, student chapters and sponsors for another successful year!

2018-2019 Officers
President: Reid Perry, P.E.
Vice President: Gregg Iskra, P.E.
Secretary: Carrie Nicholson, P.E.
Treasurer: Andy Lynch, P.E.
Past President: Dion Ho, P.E.
Directors: Adam Gardner, CCM
           Amanda Lafleur, P.E.
           Denila Delallisl, P.E.
           Heather Henck, P.E., PTOE
           Kathy Walsh, P.E.
           Tim Connor, P.E.

Congratulations to HNTB/BAKER for their Nomination for National Project of the Year

NJTA Delaware River Turnpike Bridge Fracture Repair, HNTB

Don’t miss out on SNJ’s Richard Grubb and Carrie Streatle Presenting:
“The Establishment of ASHE Student Chapters”
Saturday at 8:30 AM
ASHE SNJ is proud of the work they have done with the ASHE SNJ Education Committee, reaching out and starting student chapters for us!

Wishing the Nashville Section a successful 2019 National Conference!
Best Wishes to the Middle Tennessee Section For a successful National Conference

Thanks to Dick Cochrane, P.E.
Our outgoing National President

Saluting Mike Hurtt, P.E.
Our incoming National President

~ 2019-20 Officers ~
Alexa Harper .................. President
Drew Siriani .................. 1st Vice President
Corey Hull .................. 2nd Vice President
Nate Parrish ................. Secretary
Isaac Kessler ............... Treasurer

~ Directors ~
Jeff Given .................. Jack Mitchell
Mike Mogan ................. Steven DiSchullo
Elaine Ellich ................. Phil Mandato
Amber Midgley .......... Matthew Ward
Peter Berthold .......... John Quirius
Bruce Masi ................. Sarah McInnes

John Caperila ~ Immediate Past President
Rob Prophet ~ Northeast Region Director
Robert Wright ~ Section Executive

Proud sponsor of the 2019 ASHE National Conference.

The 2019 ASHE Conference
Committee thanks you for Visiting Nashville!
SPK Engineering is a proud sponsor of ASHE. Best wishes to the ASHE Middle Tennessee Section for a successful conference!

www.spkengr.com