

Technical Program Agenda

Sunday April 22

Golf Tournament

Three Ridges Golf Course Shotgun Start at 8:00 a.m. (Lunch will be provided at noon)

ABD Exhibit Set Up

Mississippi Room 2:00 p.m. - 5:00 p.m.

Registration

Near the vestibule 1:00 p.m. - 6:00 p.m.

Executive Board Meeting

William Blount North Room (Lobby Level) 3:00 p.m. - 5:00 p.m.

Welcome Reception (ticket required)

Riverview Room (11th Floor) 6:00 p.m. - 7:00 p.m.

ABD Hospitality Rooms

Andrew Jackson, Alvin York, James Polk and Henry Knox Rooms (Lobby Level) 7:00 p.m. - 10:00 p.m.

Monday April 23

Officers' Breakfast (by invitation of SDITE President only)

William Blount South Room (Lobby Level) 7:00 a.m. - 8:15 a.m.

Light Breakfast

John Sevier Lobby 7:00 a.m. - 8:30 a.m.

Registration

Near the vestibule 8:00 a.m. - 5:00 p.m.

Opening Session

Kentucky & Georgia Rooms 8:30 a.m. - 10:00 a.m.

Welcome/Announcements: *Hollis Loveday & Cindy Pionke, LAC Co-Chairs*

Invocation: *Mitch Mitchell, UT Sports Chaplain*

Presentation of Colors: *278th Tennessee National Guard*

Pledge: *Colin Kinton, SDITE President*

National Anthem: *Lynn Bennett*

Welcome Remarks: *City of Knoxville Mayor Bill Haslam*

Knox County Mayor Mike Ragsdale

Roll Call: *Colin Kinton, SDITE President*

Keynote Address: *Transportation Futures – Is Our Profession Ready?*

Marshall Elizer, Gresham Smith & Partners, ITE Past President

SDITE Strategic Plan Update: *Richard Atkins, Strategic Planning Chair*

President's Opening Remarks: *Colin Kinton, SDITE President*

ABD Exhibits

Mississippi Room 10:00 a.m. - 4:00 p.m.

Beverage Break

John Sevier Lobby 10:00 a.m. - 10:30 a.m.

Technical Session 1A *Maintenance of Traffic Plans to Expedite & Simplify Construction*

Kentucky Room 10:30 a.m. - 12:00 noon

Moderator: Steve Strength, Louisiana DOT, SDITE Past President

- TDOT's "SmartFix" Solution (double session)
Jeff Mize of Wilbur Smith Associates
- The Decision to "Restore 64" Using a Full Interstate Closure MOT Plan
Scott Walker & Shawn Dikes of PB Americas, Inc.

Technical Session 1B *Intelligent Transportation Systems*

Georgia Room 10:30 a.m. - 12:00 noon

Moderator: Dale W. Privette, Town of Cary, NCSITE President

- Planning ITS Implementation in an Urban Environment – Metro Nashville
Mark Washing of Gresham Smith & Partners
- Improving DMS (Dynamic Message Signs) Legibility – Lessons from the Field
Steve Metcalf of Skyline Products, Inc.
- Vehicle Infrastructure Integration Program
Bob Rupert of Federal Highway Administration

Lunch Sponsored by ABD (ticket required)

Mississippi Room & John Sevier Lobby 12:00 noon - 1:30 p.m.

Technical Session 2A *Urban Roadway Designs to Accommodate Multi-Modal Demands*

Kentucky Room 1:30 p.m. - 3:00 p.m.

Moderator: Ryan Tice, Neel-Schaffer, DSITE President

- Controversial Solutions for Downtown Traffic
John Edwards of Transportation Consultant, Inc.
- Road Diet Implementation in Charlotte, NC – The East Blvd. Experience
Joshua Saak of City of Charlotte, NC
- Creation of a Downtown "Main Street" by Reducing Arterial Travel Lanes
Lynn Allsbrook of City of Hampton, VA

Technical Session 2B *Photo Enforcement*

Georgia Room 1:30 p.m. - 3:00 p.m.

Moderator: Greg Judy, Neel-Schaffer, TSITE President

- An Analysis of Automated Speed Enforcement in Charlotte, North Carolina
Charles L. Jones of Charlotte Department of Transportation
- Roundtable on Photo Enforcement (double session)
Captain Gordon Catlett, Knoxville Police Department
David Clark, ACC Transportation & Public Works, Georgia
Jim Flechtner, City of Wilmington, North Carolina
Charles L. Jones, Charlotte, North Carolina
Richard Retting, Insurance Institute for Highway Safety
John Van Winkle, City of Chattanooga, Tennessee

Snack and Beverage Break (last chance to view the exhibits)

John Sevier Lobby (Ballroom Level) 3:00 p.m. - 3:30 p.m.

Traffic Bowl Preliminary Rounds

Carolina & Georgia Rooms 3:30 p.m. - 5:00 p.m.

ABD Event (ticket required)

Women's Basketball Hall of Fame (next door to Marriott) 6:00 p.m. - 9:00 p.m.

Tuesday April 24

Section Breakfasts (\$20 – cash only)

Riverview Room (11th Floor) 7:00 a.m. - 8:15 a.m.

Registration

Near the vestibule 8:00 a.m. - 5:00 p.m.

SDITE Annual Business Meeting

Mississippi & Kentucky Rooms 8:30 a.m. - 10:00 a.m.

ABD Annual Business Meeting

William Blount North Room (Lobby Level) 8:30 a.m. - 10:00 a.m.

Beverage Break

John Sevier Lobby 10:00 a.m. - 10:30 a.m.

Technical Session 3A *Planning & Financing Transportation Improvements for the 21st Century*

Mississippi Room 10:30 a.m. - 12:00 noon

Moderator: Eric Green, Kentucky Transportation Center, KYSITE President

- System Development Charges for Roadways
Bill Seymour of Gresham Smith & Partners, and Paula Wahl of Louisville Metro Planning and Design Services
- Public-Private Partnerships in Transportation – What's Happening in the District
Victor Poteat of PBS&J
- Enhancing Connectivity and Mobility: Evaluation of the U.S. 64/N.C. 49 Corridor
John Adams of PBS&J

Technical Session 3B *Roadway and Intersection Safety*

Kentucky Room 10:30 a.m. - 12:00 noon

Moderator: Eric Tripi, Wilbur Smith Associates, SCSITE President

- Evaluation of Access Points Near Intersections in North Carolina
Reza Jafari of Chas. H. Sells, Inc.
- Road Safety Audit Reviews
Steve Allen of the Tennessee Department of Transportation
- Synthesis of Sign Retroreflectivity Deterioration Rates Across the U.S.
Elizabeth Harris, Dr. William Rasdorf and Dr. Joseph Hummer of North Carolina State University

Lunch & Traffic Bowl Finals (ticket required)

Carolina & Georgia Rooms 12:00 noon - 1:30 p.m.

Technical Session 4A *Emerging Concepts in Roadway Design*

Mississippi Room 1:30 p.m. - 3:00 p.m.

Moderator: David Turner, BKI, ALSITE President

- US 17 Corridor Study and the SuperStreet Concept
Andy Lelewski of PBS&J and BenJetta Johnson of North Carolina DOT
- Strategies to Successfully Marry Smart Growth & Context-Sensitive Transportation Initiatives
Wade Walker of Kubilins Transportation Group
- Greensboro Street Design Standards Update
Jan Anderson of RS&H and Carrie Reeves of Greensboro DOT

Technical Session 4B *Transportation Planning*

Kentucky Room 1:30 p.m. - 3:00 p.m.

Moderator: Chris Gay, VHB, VASITE President

- The Genesis of Transportation Planning Myths & Their Unintended Adverse Effects
Jonathan Byrd of Gonzalez-Strength and Associates
- Rezoning Analysis Study (Not a Traditional Traffic Impact Study)
Steve Bryan of Gresham Smith & Partners
- NCSITE Shopping Center Trip Generation Task Force
Will Letchworth of Wilbur Smith Associates

Snack and Beverage Break

John Sevier Lobby (Ballroom Level) 3:00 p.m. - 3:15 p.m.

Technical Session 5A *Traffic Signals*

Mississippi Room 3:15 p.m. - 5:00 p.m.

Moderator: Chris Reeves, City of Hoover, ALSITE Vice President

- Traffic Signal Operation Alternatives for Congested Corridors
Adam Kirk of Kentucky Transportation Center at the University of Kentucky
- Adaptive Control Software-Lite (ACS-Lite)
Eddie Curtis of FHWA
- Adaptive Traffic Signal Control in Georgia
Betsy Williams of TransCore ITS
- Signal Designs Across the Southeast
Sreekanth Nandagiri of Earth Tech, Inc.

Technical Session 5B *Current Issues in Transportation*

Kentucky Room 3:15 p.m. - 5:00 p.m.

Moderator: Keith Strickland, HNTB Corp., GAITE President

- Creative Solutions for Urban Goods Movement
Marsha Anderson Bomar of Street Smarts
- Evaluating High Capacity Transit in Middle Tennessee
Tim Rosenberger and Preston Elliott of Parsons Brinckerhoff
- SDITE Strategic Planning Effort – Workforce Development
Bill Seymour of Gresham Smith & Partners, Jim Westmoreland of City of Greensboro, N.C., and Carl Baughman of City of Franklin, TN
- The Effects of Sovereign Immunity on the Safety of Roads (Student Paper Winner)
Zach Clark of North Carolina State University

Officers' Reception (ticket required)

Pool & Gazebo Area (Lobby Level, Outside) 6:00 p.m. - 7:00 p.m.

Annual Banquet (ticket required)

Georgia & Carolina Rooms 7:00 p.m. - 9:00 p.m.

Wednesday April 25

Local Arrangements Committee Breakfast

Henry Knox Room (Lobby Level) 7:30 a.m. - 9:30 a.m.
Passing the Torch to Charleston, SC

Professional Development

William Blount North Room (Lobby Level) 8:30 a.m. - 11:30 a.m.
(Snack & Beverage Break from 9:45 a.m. - 10:15 a.m.)

Moderator: Mike Ridgeway, SRS Engineering, LLC,
Professional Development Chair

- Engineering Ethics: Just Do the Right Thing! Right?

Dr. Chris Pionke of the University of Tennessee Department of Mechanical, Aerospace and Biomedical Engineering and the Engineering Fundamentals Division, and Dr. Glenn Graber of the University of Tennessee Department of Philosophy and Department of Medicine

Technical Tours

Meet outside the Hill Street Café on the Lobby Level near the entrance for transportation.

Monday April 23

University of Tennessee's Neyland Stadium

Neyland Stadium 10:00 a.m. – 12:00 noon

Tour of the 104,079 seat Neyland Stadium – it's the largest football stadium in the South and the third-largest college stadium in the country. Neyland has undergone 16 additions/renovations since the West stands, seating 3,200, were built in 1921.

Knoxville's Municipal Airport

McAhee Tyson Airport 1:30 p.m. - 4:00 p.m.

In addition to a tour of the 2,800 acre airport campus, this tour will highlight some non-traditional aspects of the facility. Included will be discussions of partnerships in other transportation projects like road widening and greenways, light rail mobility, satellite parking, and private office space on airport property.

Tuesday April 24

SmartFIX

Interstate 40 10:00 a.m. – 11:30 a.m.

SmartFIX40 is an accelerated construction process used by TDOT to speed up the construction and repair of highways and bridges. The SmartFIX process involves a short-term, total road or bridge closure during a project. This provides ample space for work crews to do their jobs and the freedom to work around the clock without time limitations. This drastically reduces the time it takes to finish a project and the long-term inconvenience to motorists. Come see this unique construction method in action!

National Transportation Research Center

National Transportation Research Center 1:30 p.m. - 3:00 p.m.

*The National Transportation Research Center has one of the most diverse concentrations of transportation researchers in the United States. The purpose of NTRC is to work on national and regional transportation issues and develop and evaluate advanced transportation systems. Visitors will see current research in areas of fuels, engines, and emissions, hazardous materials packaging, Geographic Information Systems, and heavy vehicle safety. Don't miss the drop testing of packaging for hazardous materials weighing from 100 to 20,000 lbs, crush testing of hazardous materials packaging by dropping an 1100 lb weight from 30 ft, liquid penetrant, or X-ray analysis! **NOTE: Due to security issues, advance registration is required.***