Transportation Transformed

AUSTIN, TX

Joint ITE International and Texas District Annual Meeting and Exhibit

July 21-24, 2019
Hilton Austin
Austin, Texas, USA
www.ite.org/annualmeeting

REGISTER TODAY
Attendees can earn up to 16.5 PDHs/CMs through participation in this meeting.

July 21-24, 2019
Hilton Austin
Austin, Texas, USA
www.ite.org/annualmeeting

FEATURING
2 days of sessions dedicated to the National Rural ITS (NRITS) Annual Conference.
On behalf of the ITE Board of Direction, the TexITE Board of Directors, and the Local Arrangements Committee for the Joint ITE International and Texas District Annual Meeting and Exhibit, we invite you to join more than 1,500 transportation professionals in Austin, TX, USA this July.

There has never been a better time to come to Austin! This year’s meeting theme – Transportation Transformed – could not be timelier with the growth in micro-mobility options in Austin. From the moment you arrive you will be greeted by warm Texas hospitality and a myriad of transportation options to help you get around the city.

In addition to sessions on rural ITS, the technical program will feature podium, interactive, and poster presentations on some of the critical, ongoing, and upcoming trends in transportation, including connected and automated vehicles, Complete Streets, mobility as a service, smart communities, transportation systems management & operations, and Vision Zero. Additionally, this meeting offers nine workshops on a variety of topics (speed management, traffic calming, automated traffic signals, micro-mobility, and more). You will leave Austin with a toolbox of new skills, deeper insights on upcoming trends, and a network of contacts that will make you more productive and successful in your job. You will not want to miss a single moment of this conference!

This year’s meeting truly has something for everyone:

• The program for the National Rural ITS (NRITS) Annual Conference has been integrated into this meeting, with sessions taking place on Monday, July 22 and Tuesday, July 23;
• Traditional TexITE activities such as the Ethics and Social Justice in a Transformative Time workshop as well as the ever popular Texas Hold ‘Em Tournament;
• ITE’s signature events including the Awards Lunch and LeadershipITE Graduation, the ITE Collegiate Traffic Bowl Grand Championship, and the Welcome to Austin Opening Reception in the Exhibit Hall;
• New activities with a focus on diversity and inclusion: Women in ITE Forum and STEM Activity Day;
• Technical tours showcasing Austin’s Traffic Management Centers as well as how the City is building sustainable and livable multi-modal communities;
• And more

We look forward to welcoming you to Austin this July!

Rob Belarmino, HNTB
Co-Chair, Local Arrangements Committee

Brian Van DeWalle
City of Austin
Co-Chair, Local Arrangements Committee

Jeff Paniati
ITE Executive Director and CEO

For up-to-date information, visit www.ite.org/annualmeeting Join the conversation online · #ITEAustin2019
We would like to extend our greatest appreciation and gratitude to the following organizations for their support:
### Agenda

**Sunday, July 21**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 a.m.–4:00 p.m.</td>
<td>Exhibit Hall Set Up (exhibitors only)</td>
</tr>
<tr>
<td>7:30 a.m.–5:30 p.m.</td>
<td>Registration Open</td>
</tr>
<tr>
<td>8:00 a.m.–11:00 a.m.</td>
<td>Coordinating Council Breakfast/Meeting</td>
</tr>
<tr>
<td>8:30 a.m.–5:00 p.m.</td>
<td><strong>LeadershipITE Meeting</strong></td>
</tr>
<tr>
<td>11:00 a.m.–1:00 p.m.</td>
<td>Joint ITE Board of Direction/LeadershipITE Lunch</td>
</tr>
<tr>
<td>11:00 a.m.–4:15 p.m.</td>
<td>Council/Committee Meetings</td>
</tr>
<tr>
<td>1:00 p.m.–4:00 p.m.</td>
<td>TextITE Board Meeting</td>
</tr>
<tr>
<td>1:00 p.m.–5:00 p.m.</td>
<td><strong>Workshops</strong></td>
</tr>
<tr>
<td></td>
<td>• National Towards Zero Deaths (TZD) Strategy: Road Map to Implementation Workshop</td>
</tr>
<tr>
<td></td>
<td>• Speed Management Noteworthy Practices Roundtable</td>
</tr>
<tr>
<td>2:00 p.m.–3:00 p.m.</td>
<td><strong>Workshop</strong></td>
</tr>
<tr>
<td></td>
<td>• Ethics and Social Justice in a Transformative Time*</td>
</tr>
<tr>
<td>4:00 p.m.–6:00 p.m.</td>
<td>Women in ITE Forum</td>
</tr>
<tr>
<td>4:30 p.m.–5:00 p.m.</td>
<td>First-Timer’s Orientation</td>
</tr>
<tr>
<td>5:00 p.m.–6:00 p.m.</td>
<td>First-Timer’s/Global Members/Sponsor Reception Sponsored by Neel-Schaffer</td>
</tr>
<tr>
<td>6:00 p.m.–7:30 p.m.</td>
<td>&quot;Welcome to Austin&quot; Opening Reception in Exhibit Hall</td>
</tr>
<tr>
<td>7:30 p.m.–11:30 p.m.</td>
<td>Texas Hold ‘Em Tournament</td>
</tr>
<tr>
<td>8:00 p.m.–9:30 p.m.</td>
<td>Old Boardies Dinner***</td>
</tr>
</tbody>
</table>
Monday, July 22

7:30 a.m.–5:30 p.m.
Registration Open

7:30 a.m.–3:45 p.m.
Exhibit Hall Open

7:30 a.m.–8:30 a.m.
Continental Breakfast in Exhibit Hall

8:30 a.m.–10:30 a.m.
Opening Business and Plenary Session

10:30 a.m.–11:15 a.m.
Beverage and Networking Break in Exhibit Hall

Poster Session 1: Traffic Engineering / TSMO / Speed Management / Workforce

10:30 a.m.–12:30 p.m.
Traffic Bowl Committee and Team Meeting

10:45 a.m.–5:30 p.m.
Council/Committee Meetings

11:15 a.m.–12:15 p.m.
Concurrent Technical Sessions
  • ITE Town Hall Meeting
  • TSMO Breakthroughs for Cities, Counties, and MPOs
  • Best Practices in Speed Management
  • Measuring Pedestrian Behavior in the Wild
  • Mobility as a Service (MaaS) – Coming to a Neighborhood Near You
  • Rural ITS Town Hall

12:30 p.m.–2:15 p.m.
Awards Lunch and Leadership/ITE Graduation

2:30 p.m.–4:00 p.m.
Nominating Committee Meeting

2:30 p.m.–3:30 p.m.
Exhibit Hall Tours

2:30 p.m.–4:00 p.m.
District, Section, Chapter Leadership Forum

Monday, July 22

2:30 p.m.–4:00 p.m.
Concurrent Technical Sessions
  • Local Leader Perspectives on the Future of Transportation
  • Cheaper by the Dozen – Practical Low Cost Roundabouts
  *Sponsored by Rodel Roundabout Analysis Software
  • Enhancing Public Safety through Advances in Responder Technology
  • Methods and Practices for Setting Speed Limits
  • Mobility as a Service – Transportation Network Company (TNC) and Automated Vehicle Insights
  *Sponsored by Arcadis
  • How Can We Collaborate to Reduce Fatalities on Our Transportation System?

2:30 p.m.–4:30 p.m.
Technical Tour: MoboTrex Facility Tour*

3:00 p.m.–4:00 p.m.
Prospective International Officer Information Session

4:30 p.m.–6:30 p.m.
ITE Collegiate Traffic Bowl Grand Championship
*Sponsored by Siemens

Tuesday, July 23

7:30 a.m.–5:30 p.m.
Registration Open

7:30 a.m.–3:45 p.m.
Exhibit Hall Open

7:30 a.m.–8:30 a.m.
Continental Breakfast in Exhibit Hall
*Sponsored by CONSOR Engineers

7:30 a.m.–9:30 a.m.
Past Presidents’ Breakfast

8:00 a.m.–12:00 p.m.
ITE STEM Activity Day

8:00 a.m.–5:00 p.m.
Transportation Safety Advancement Group (TSAG) Meeting

8:30 a.m.–10:00 a.m.
Concurrent Technical Sessions
  • Rural Traffic and Safety Management
  • Curbs and Hubs: Who Manages the New Frontier?
  • National Operations Center of Excellence (NOCoE) Transportation Technology Tournament
  • Bringing V2X to the Lone Star State: Landmark Development and Initiatives in Texas
  *Sponsored by WSP
  • Generation Z – The Fortnite Evolution
  • The Future of Bike Signals and Pedestrian Detection Systems

*Separate Fee Required
**Invited Speaker
***By Invitation Only
### Tuesday, July 23

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 a.m.–9:30 a.m.</td>
<td>Technical Tour: ADA/Bicycle Facility Walking Tour*</td>
</tr>
<tr>
<td>8:30 a.m.–10:30 a.m.</td>
<td>Technical Tour: City of Austin TMC / Traffic Signal Lab*</td>
</tr>
<tr>
<td>10:00 a.m.–10:45 a.m.</td>
<td>Beverage and Networking Break in Exhibit Hall</td>
</tr>
<tr>
<td></td>
<td>Poster Session 2: Smart Communities/Big Data/Connected and Automated Vehicles/Mobility as a Service</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td></td>
</tr>
<tr>
<td>10:30 a.m.–12:00 p.m.</td>
<td>Student and Faculty Leadership Forum</td>
</tr>
<tr>
<td>10:45 a.m.–12:15 p.m.</td>
<td>Power Plenary Session</td>
</tr>
<tr>
<td>12:15 p.m.–1:30 p.m.</td>
<td>Lunch in Exhibit Hall</td>
</tr>
<tr>
<td>1:30 p.m.–2:30 p.m.</td>
<td>Transportation Professional Certification Board (TPCB) Annual Meeting</td>
</tr>
<tr>
<td>1:30 p.m.–3:00 p.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Complete Streets Boulevards</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Impacts of Connected and Automated Vehicle Technologies on Transportation Engineering and Planning</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Rural Incident Management and Performance Data</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Successful Signal Timing Strategies</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>What’s New in Trip and Parking Generation</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Implementing Vision Zero in Texas</td>
</tr>
<tr>
<td>2:45 p.m.–5:15 p.m.</td>
<td>TPCB Board of Directors Meeting</td>
</tr>
<tr>
<td>3:00 p.m.–3:45 p.m.</td>
<td>Beverage and Networking Break in Exhibit Hall</td>
</tr>
<tr>
<td></td>
<td>Poster Session 3: Complete Streets/Vision Zero/Transportation and Health</td>
</tr>
<tr>
<td>3:45 p.m.–5:15 p.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>Sponsored by MTJ Engineering</td>
<td>Creative Management of Data Driven Work Zones</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Improving Mobility and Safety through Alternative Intersection Design</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Lessons from Connected and Automated Vehicle Deployment Projects</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Measures and Guides for Linking Transportation and Health</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Vision Zero Program Implementation</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Managing Liability while Improving Safety Outcomes</td>
</tr>
<tr>
<td>6:30 p.m.–8:00 p.m.</td>
<td>Closing Reception at Maggie Mae’s</td>
</tr>
</tbody>
</table>

### Wednesday, July 24

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 a.m.–10:30 a.m.</td>
<td>Registration Open</td>
</tr>
<tr>
<td>8:00 a.m.–9:00 a.m.</td>
<td>Continental Breakfast in Registration Foyer</td>
</tr>
<tr>
<td>8:00 a.m.–9:00 a.m.</td>
<td>TexITE Annual Business Meeting</td>
</tr>
<tr>
<td>9:00 a.m.–10:30 a.m.</td>
<td>Concurrent Technical Sessions</td>
</tr>
<tr>
<td>Sponsored by RailPros</td>
<td>Effective Transportation System Management and Operations Using Big Data</td>
</tr>
<tr>
<td>Sponsored by RailPros</td>
<td>Pedestrian/Bicycle Networks that Work!</td>
</tr>
<tr>
<td>Sponsored by CBB Transportation Engineers + Planners</td>
<td>Railroad Grade Crossings – Safe as They Can Be?</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Where the Rubber Meets the Road: Linking Research and Practice</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Vision Zero and the Safe Systems Approach</td>
</tr>
<tr>
<td>10:30 a.m.–11:00 a.m.</td>
<td>Beverage and Networking Break</td>
</tr>
<tr>
<td>11:00 a.m.–12:00 p.m.</td>
<td>Closing Plenary Session</td>
</tr>
<tr>
<td>1:00 p.m.–4:00 p.m.</td>
<td>Workshops</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Every Day Counts: Saving Lives for a Decade Workshop*</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Attaining Objectives and Performance Based Management of Traffic Signal Programs with Automated Traffic Signal Performance Measures*</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>State of the Art in Traffic Calming*</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Use of Crowdsourcing to Advance Operations*</td>
</tr>
<tr>
<td>1:00 p.m.–5:00 p.m.</td>
<td>Workshop</td>
</tr>
<tr>
<td>Sponsored by WSP</td>
<td>Emerging Technologies for Micro-mobility: What Do We Know, What Do We Not Know, and What Do We Do?*</td>
</tr>
<tr>
<td>3:30 p.m.–5:00 p.m.</td>
<td>Technical Tour: Austin’s Rainey Street Historic District: Just Enough Space (with the Correct Priorities)*</td>
</tr>
</tbody>
</table>
The headquarters hotel for the Joint ITE International and Texas District Annual Meeting and Exhibit is the Hilton Austin, located at 500 East Fourth Street, Austin, TX 78701.

ITE Group Rate:
Meeting attendees are eligible to receive the specially negotiated group rate of $219/night, plus applicable taxes. A limited number of rooms have been reserved at the prevailing government rate.

Reservations:
To make reservations, call (512) 482-8000 and reference this meeting or visit http://bit.ly/ITEAustinHotel.

Secondary Hotel
The Hilton Garden Inn Austin Downtown will serve as the overflow hotel. It is located a short walk (3-4 blocks) from the Hilton Austin at 500 N Interstate Hwy 35, Austin, TX. The group rate at the Hilton Garden Inn is $204/night, plus applicable taxes.

To make reservations, call (800) 955-4298 and reference ITE19 or visit www.HGIAustinDowntown.com/ITE19

Registration Discount:
ITE is again offering a $100 discount off registration rates for individuals who book in the ITE group block at the Hilton Austin.

To receive this discount, make your reservation at the Hilton Austin in the ITE group block (your reservation must be in the ITE group block to receive this discount). The confirmation number you receive upon making your hotel reservation is the code you use during the registration process to receive the discount. Please make sure to retain this code.

Then select the registration category option that includes “at host hotel.” You will enter your confirmation code as part of the registration process. If you have any questions, please contact Sallie Dollins at sdollins@ite.org.
**Pathway Overview**

**CAV**
- **Connected and Automated Vehicles**
  - Bringing V2X to the Lone Star State: Landmark Development and Initiatives in Texas, Tuesday, July 23, 8:30 a.m.–10:00 a.m. 
    Sponsored by WSP
  - Poster Session 2, Tuesday, July 23, 10:00 a.m.–10:45 a.m. 
    Sponsored by WSP
  - Impacts of Connected and Automated Vehicle Technologies on Transportation Engineering and Planning, Tuesday, July 23, 1:30 p.m.–3:00 p.m. 
    Sponsored by WSP
  - Lessons from Connected and Automated Vehicle Deployment Projects, Tuesday, July 23, 3:45 p.m.–5:15 p.m. 
    Sponsored by WSP
  - Where the Rubber Meets the Road: Linking Research and Practice, Wednesday, July 24, 9:00 a.m.–10:30 a.m. 
    Sponsored by WSP

**FAM**
- **Family**
  - ITE Collegiate Traffic Bowl Grand Championship, Monday, July 22, 4:30 p.m.–6:30 p.m. 
    Sponsored by Siemens
  - ITE STEM Activity Day, Tuesday, July 23, 8:00 a.m.–12:00 p.m.

**LEAD**
- **Leadership**
  - Ethics and Social Justice in a Transformative Time Workshop*, Sunday, July 21, 2:00 p.m.–3:00 p.m. 
  - Opening Business and Plenary Session, Monday, July 22, 8:30 a.m.–10:30 a.m. 
  - ITE Town Hall Meeting, Monday, July 22, 11:15 a.m.–12:15 p.m.
  - District, Section, Chapter Leadership Forum, Monday, July 22, 2:30 p.m.–4:00 p.m. 
  - Local Leader Perspectives on the Future of Transportation, Monday, July 22, 2:30 p.m.–4:00 p.m.

**MAAS**
- **Mobility as a Service**
  - Mobility as a Service (MaaS) - Coming to a Neighborhood Near You, Monday, July 22, 11:15 a.m.–12:15 p.m.
  - Mobility as a Service (MaaS) – TNC and Automated Vehicle Insights, Monday, July 22, 2:30 p.m.–4:00 p.m. 
    Sponsored by Arcadis
  - Curbs and Hubs: Who Manages the New Frontier?, Tuesday, July 23, 8:30 a.m.–10:00 a.m. 
    Sponsored by Arcadis
  - Poster Session 2, Tuesday, July 23, 10:00 a.m.–10:45 a.m. 
    Sponsored by WSP
  - Power Plenary, Tuesday, July 23, 10:45 p.m.–12:15 p.m.
  - Emerging Technologies for Micro-mobility: What Do We Know, What Do We Not Know, and What Do We Do? Workshop*, Wednesday, July 24, 1:00 p.m.–5:00 p.m.

**NE**
- **New Events**
  - Women in ITE Forum, Sunday, July 21, 4:00 p.m.–6:00 p.m.
  - Exhibit Hall Tours, Monday, July 22, 2:30 p.m.–3:30 p.m.
  - Younger Member Get Together, Monday, July 22, 9:00 a.m.–12:00 a.m.
  - ITE STEM Activity Day, Tuesday, July 23, 8:00 a.m.–12:00 p.m.

**RITS**
- **Rural ITS**
  - Rural ITS Town Hall Meeting, Monday, July 22, 11:15 a.m.–12:15 p.m.
  - Enhancing Public Safety through Advances in Responder Technology, Monday, July 22, 2:30 p.m.–4:00 p.m.
  - Rural Traffic and Safety Management, Tuesday, July 23, 8:30 a.m.–10:00 a.m.
  - Bringing V2X to the Lone Star State: Landmark Development and Initiatives in Texas, Tuesday, July 23, 8:30 a.m.–10:00 a.m. 
    Sponsored by WSP
  - Rural Incident Management and Performance Data, Tuesday, July 23, 1:30 p.m.–3:00 p.m.
  - Creative Management of Data Driven Work Zones, Tuesday, July 23, 3:45 p.m.–5:15 p.m.

**SC**
- **Smart Communities**
  - Generation Z – The Fortnite Evolution, Tuesday, July 23, 8:30 a.m.–10:00 a.m.
  - Effective Transportation System Management and Operations Using Big Data, Wednesday, July 24, 9:00 a.m.–10:30 a.m. 
    Sponsored by CBB Transportation Engineers + Planners

---

For up-to-date information, visit www.ite.org/annualmeeting Join the conversation online - #ITEAustin2019
• **ITE Collegiate Traffic Bowl Grand Championship**, Monday, July 22, 4:30 p.m.–6:30 p.m.  
  Sponsored by Siemens

• **Student Event**, Monday, July 22, 6:30 p.m.–9:00 p.m.

• **Younger Member Get Together**, Monday, July 22, 9:00 p.m.–12:00 a.m.

• **National Operations Center of Excellence Transportation Technology Tournament**, Tuesday, July 23, 8:30 a.m.–10:00 a.m.

• **Student and Faculty Leadership Forum**, Tuesday, July 23, 10:30 a.m.–12:00 p.m.

• **TexITE Board Meeting**, Sunday, July 21, 1:00 p.m.–4:00 p.m.

• **Ethics and Social Justice in a Transformative Time Workshop***, Sunday, July 21, 2:00 p.m.–3:00 p.m.

• **Texas Hold ‘Em Tournament**, Sunday, July 21, 7:30 p.m.–11:30 p.m.

• **TexITE Annual Business Meeting**, Wednesday, July 24, 8:00 a.m.–9:00 a.m.

---

**Vision Zero**

• **National Towards Zero Deaths (TZD) Strategy: Road Map to Implementation Workshop**, Sunday, July 21, 1:00 p.m.–5:00 p.m.

• **Speed Management Noteworthy Practices Roundtable Workshop**, Sunday, July 21, 1:00 p.m.–5:00 p.m.

• **Best Practices in Speed Management**, Monday, July 22, 11:15 a.m.–12:15 p.m.

• **Methods and Practices for Setting Speed Limits**, Monday, July 22, 2:30 p.m.–4:00 p.m.

• **How Can We Collaborate to Reduce Fatalities on Our Transportation System**, Monday, July 22, 2:30 p.m.–4:00 p.m.

• **Implementing Vision Zero in Texas**, Tuesday, July 23, 1:30 p.m.–3:00 p.m.

• **Poster Session 3**, Tuesday, July 23, 3:00 p.m.–3:45 p.m.

• **Vision Zero Program Implementation**, Tuesday, July 23, 3:45 p.m.–5:15 p.m.

• **Managing Liability while Improving Safety Outcomes**, Tuesday, July 23, 3:45 p.m.–5:15 p.m.

• **Vision Zero and the Safe Systems Approach**, Wednesday, July 24, 9:00 a.m.–10:30 a.m.

• **Closing Plenary**, Wednesday, July 24, 11:00 a.m.–12:00 p.m.

• **Every Day Counts: Saving Lives for a Decade Workshop***, Wednesday, July 24, 1:00 p.m.–4:00 p.m.

---

• **Poster Session 1**, Monday, July 22, 10:30 a.m.–11:15 a.m.

• **TSMO Breakthroughs for Cities, Counties, and MPOs**, Monday, July 22, 11:15 a.m.–12:15 p.m.

• **Technical Tour: MoboTrex Facility Tour***, Monday, July 22, 2:30 p.m.–4:30 p.m.

• **Cheaper by the Dozen – Practical Low Cost Roundabouts**, Monday, July 22, 2:30 p.m.–4:00 p.m.

• **National Operations Center of Excellence (NOCoE) Transportation Technology Tournament**, Tuesday, July 23, 8:30 a.m.–10:00 a.m.

• **Successful Signal Timing Strategies**, Tuesday, July 23, 1:30 p.m.–3:00 p.m.

• **What’s New in Trip and Parking Generation**, Tuesday, July 23, 1:30 p.m.–3:00 p.m.

• **Creative Management of Data Driven Work Zones**, Tuesday, July 23, 3:45 p.m.–5:15 p.m.

• **Improving Mobility and Safety through Alternative Intersection Design**, Tuesday, July 23, 3:45 p.m.–5:15 p.m.

• **State of the Art in Traffic Calming Workshop***, Wednesday, July 24, 1:00 p.m.–4:00 p.m.

• **Use of Crowdsourcing to Advance Operations Workshop***, Wednesday, July 24, 1:00 p.m.–4:00 p.m.

---

*Separate Fee Required  **Invited Speaker  ***By Invitation Only*
Technical Program

Sunday, July 21, 1:00 p.m.–5:00 p.m.

National Towards Zero Deaths (TZD) Strategy: Road Map to Implementation Workshop

Zero. Some say we can’t get there. But as traffic safety professionals, we know even one fatality on our roadway system is one too many. Learn what it takes to develop or advance a zero-fatality program, how to use tools to institutionalize your strategy, and best practices for engaging traditional and non-traditional partners in your effort. Through panel discussions, case studies, and networking with other practitioners, you’ll be armed with strategies and tactics you can implement in your community, region, or state. Together we can make zero an attainable goal!

There is no fee to attend this workshop; however, you must register online or using the form in the back of this brochure (there is a listing of workshops).

Speed Management Noteworthy Practices Roundtable Workshop

This round-table workshop includes both presentations of noteworthy speed management examples and provides a chance for a conversation and sharing of local experiences. These round-table conversations will support the Federal Highway Administration’s efforts to identify, develop, and promote speed management noteworthy practices carried out by state/local governments to reduce speeding related fatalities. Registration for this workshop is limited to the first 50 registrants. Workshop learning objectives include:

- Participants will learn and discuss approaches to speed management;
- Noteworthy speed management practices will be presented from agency policy, to setting speed limits, implementing countermeasures, enforcement and outreach; and
- Participants will have an opportunity to share their own speed management positive and negative experiences in an interactive forum.

Workshop Facilitators:
Shauna Hallmark, Professor and Director, Institute for Transportation, Iowa State University, Ames, IA
Neal Hawkins, Associate Director, Institute for Transportation, Iowa State University, Ames, IA

There is no fee to attend this workshop; however, you must register online or using the form in the back of this brochure (there is a listing of workshops).

Sunday, July 21, 2:00 p.m.–3:00 p.m.

Ethics and Social Justice in a Transformative Time Workshop*

The focus of this workshop is on understanding the ethical issues that arise as transportation is transformed by the application of new/emerging technologies. The speakers in this session will talk specifically about how to maintain focus on upholding our ethical obligations to plan for the health, safety, and welfare of the public while embracing these changes. Hand-in-hand with these ethical issues are issues of social justice, as the space between those that can afford to use the new technologies and live in communities with adequate infrastructure and those that cannot continue to grow. Certificates will be provided for those attending this workshop for use in satisfying annual ethics training requirements.

Presenters:
Jeremy Chapman, Senior Traffic Engineer, American Structurepoint, Inc., Terre Haute, IN
Bill Schultheiss, Director of Sustainable Safety, Toole Design, Silver Spring, MD
Opening Business and Plenary Session

Monday, July 22, 8:30 a.m.-10:30 a.m.

Austin Mayor Steve Adler and Texas Department of Transportation Executive Director James Bass (invited) will share their perspectives on transportation at the statewide and local level in the Lone Star State, including current priorities and issues, as well as future direction. The session will include ample opportunity to pose questions to our speakers about the issues that are of most concern to you and your community.

Monday, July 22, 10:30 a.m.-11:15 a.m.

Poster Session 1 - Traffic Engineering / TSMO / Speed Management / Workforce

- Benjamin Colucci-Rios, Director PR LTAP, University of Puerto Rico at Mayagüez, Mayagüez, Puerto Rico
- Christopher Day, Assistant Professor, Iowa State University, Ames, IA
- Soumya Dey, Associate Director, District of Columbia Department of Transportation, Washington, DC
- Nicholas Erpelding, Senior Associate, SRF Consulting Group, Inc., Minneapolis, MN
- Dean Gustafson, National ITS Practice Lead, HW Lochner, Inc., Mechanicsville, VA and Vic Bhide, Smart Mobility Manager, City of Tampa, Tampa, FL
- Bryce Hallmark, Research Assistant, Iowa State University, Ames, IA
- Tom Hartmann, Project Manager, Kimley-Horn, Dallas, TX and Jared Wall, Traffic Signal Engineer, City of Austin, Austin, TX
- Anita Johari, Lead, Traffic Engineering, Wood Environmental & Infrastructure Solutions, Phoenix, AZ
- Ravali Kosaraju, Senior Engineer, City of San Antonio, San Antonio, TX
- Dhruva Lahon, Engineer, Kimley-Horn, Dallas, TX
- Jacky Loh, Student, California Polytechnic State University, Azusa, CA
- Madison Metsker-Galarza, Assistant Transportation Researcher, Texas A&M Transportation Institute, College Station, TX and Tim Lomax, ITI Research Fellow and Regents Fellow, Texas A&M Transportation Institute, College Station, TX
- Devin Moore, Transportation Engineer, Kimley-Horn, Reno, NV
- Isha Narsaria, Graduate Research Assistant, Texas A&M University, College Station, TX and Vivek Gupta, Graduate Student, Texas A&M University, College Station, TX
- Willie Roman, Senior Project Manager, Lee Engineering, Las Cruces, NM
- Andrew Luna, Associate Engineer, Albert Grover & Associates, Fullerton, CA and David Roseman, City Traffic Engineer, Albert Grover & Associates, Fullerton, CA
- Evarist Ruhaizwe, Student, Florida State University, Tallahassee, FL
- Ryan Saville, Associate Vice President, TransCore, Salt Lake City, UT
- Hardik Shah, Director of Development, American Structurepoint, Inc., Indianapolis, IN and Mike McBride, Vice President, American Structurepoint, Inc., Indianapolis, IN
- Hillary Isebrands, Roadway Safety and Design Engineer, Federal Highway Administration, Denver, CO
- Ken Sides, Senior Transportation Engineer, Sam Schwartz Engineering, Tampa, FL
- Lisa Wilhelm, Events Manager, Miovision, Kitchener, Ontario, Canada
- Alicia Yang, Associate Vice President, Iteris, Inc., Santa Ana, CA
- Tom Hein, WICHway Traffic Management Center Manager, Kansas DOT, Wichita, KS and Slade Engstrom, Consultant, Transystems, Wichita, KS and Mike Floberg, Director of Innovative Technologies, Topeka, KS

*Separate Fee Required
**Invited Speaker
***By Invitation Only
ITE Town Hall Meeting
This session will provide members with an update from the Executive Director and CEO on the operations of ITE, including its finances, membership, and initiatives. The ITE Executive Committee—President, Vice President, Past President, and Vice President-Elect—will provide an overview of the strategic direction of ITE and answer questions. Attendees will have the opportunity to provide feedback on ITE’s policies and programs.

TSMO Breakthroughs for Cities, Counties, and MPOs
This panel will explore breakthrough approaches to TSMO including the regional and local traffic incident management programs, enhancing TSMO solutions across jurisdictional boundaries, and city/state partnerships to improve situational awareness and response times for incidents along diversion routes.

Eric Hill, Director of Transportation Systems Management & Operations, MetroPlan Orlando, Orlando, FL
Jim Fox, Director - Transportation Operations Division, City and County of Denver, Denver, CO
Nicolaas Swart, Division Manager, Maricopa County DOT, Phoenix, AZ

Best Practices in Speed Management
This session explores a variety of techniques that demonstrate how successful speed management practices can be used to minimize fatalities and injuries, increase mobility, and make communities more livable.

Amica Bose, Engineering Supervisor, Austin Transportation Department, Austin, TX and Sam Higgins, Project Manager, AECOM, Austin, TX

Raj Paradkar, Senior Project Manager, Kimley-Horn, Ashburn, VA and Patrick Johnson, Traffic Engineer, Kimley-Horn, Reston, VA
Shauna Hallmark, Professor and Director, Institute for Transportation, Iowa State University, Ames, IA

Measuring Pedestrian Behavior in the Wild
How do you measure pedestrian behaviors to ensure installation of the best pedestrian crossing solutions? Learn best practices from industry experts for bicycle and pedestrian count programs, how driver yielding increases pedestrian crossing safety, and using pedestrian crossing to connect people and places.

Carolina Baumanis, Research Engineering/Scientist Associate, Center for Transportation Research - University of Texas at Austin, Austin, TX and Joel Meyer, Pedestrian Coordinator, City of Austin, Austin, TX
Krista Nordback, Senior Research Associate, University of North Carolina, Boulder, NC and Sarah O’Brien, Senior Research Associate, University of North Carolina Highway Safety Research Center, Chapel Hill, NC
Grant Schultz, Professor, Brigham Young University, Provo, UT

Mobility as a Service (MaaS) - Coming to a Neighborhood Near You
This session showcases practical examples of Mobility as a Service (MaaS) deployments and their wide ranging impacts to transportation systems today.

A. Lee Austin, Traffic Engineer, Austin Transportation Department, Austin, TX and Jacob Culberson, Division Manager, Mobility Services, City of Austin, Austin, TX
Jackson Archer, Transportation Planner, Big Red Dog Engineering, Austin, TX
Robert Spillar, Director of Transportation, Austin Transportation Department, Austin, TX

Rural ITS Town Hall Meeting
What are the current “hot topics” and emerging issues in rural intelligent transportation systems (ITS)? Hear technical, policy, and funding updates from national leaders; ask questions about trends and recent advancements; and join the conversation by helping to identify and prioritize additional issues. This discussion will kick off the Rural ITS Pathway that will take place July 22–23 during the meeting.
Local Leader Perspectives on the Future of Transportation
This session provides a forum for local transportation leaders to discuss their vision of the future of transportation to meet the variety of existing and emerging needs of their citizens. They will share both the successes, challenges, and opportunities for putting new ideas into practice and discuss the implications of innovation and new technologies.

**Michael Morris. Director of Transportation, North Central Texas Council of Governments, Arlington, TX
Shane Harbinson, Assistant Director – Airport Planning and Development, City of Austin, Austin, TX
Jason JonMichael, Assistant Director – Smart Mobility, City of Austin, Austin, TX
**Randy Clarke, President and CEO, CapMetro, Austin, TX
**Darran Anderson, Director of Strategy and Innovation, Texas DOT, Austin, TX
C. Michael Walton, Professor, University of Texas, Austin, TX

Cheaper by the Dozen - Practical Low Cost Roundabouts
Sponsored by Rodel Roundabout Analysis Software
This session will focus on unique applications of low-cost roundabouts such as right-sizing and the use of practical design principles to demonstrate cost effectiveness, safety, and congestion relief benefits.

Brian Walsh, State Traffic Design and Operations Engineer, Washington State DOT, Olympia, WA
Jay VonAhsen, Team Leader, MSA Professional Services, Dallas, TX
Michael Mastaglio, Practice Leader, Urban Engineers, Philadelphia, PA

Enhancing Public Safety Through Advances in Responder Technology
This session focuses on the current work of the Transportation Safety Advancement Group (TSAG) in the areas of connected responder, advanced automatic crash notification (AACN), infrastructure to responder (I2R) technologies, and incident critical communications to promote life-saving technology advancements in public safety.

Pat Noyes, Principal, Pat Noyes & Associates, Boulder, CO
**Eddie Reyes, Public Safety Communications Director, Prince William County, Woodbridge, VA
Thomas West, Director, UC Berkeley, Richmond, CA and Skip Yeakel, Principal Engineer, Volvo Group North America, Greensboro, NC

Methods and Practices for Setting Speed Limits
This session explores options for proposed changes to the Manual on Uniform Traffic Control Devices (MUTCD) procedures for setting speed limits based on local agency practitioner experience and recent research from the National Cooperative Highway Research Program, National Committee on Uniform Traffic Control Devices, and other national transportation organizations.

William Lambert, Traffic Engineer/Administrator, New Hampshire DOT, Concord, NH
Jonathan Adkins, Executive Director, Governors Highway Safety Association, Washington, DC
James Le, Senior Civil Engineer, City of Seattle, Seattle, WA
Kay Fitzpatrick, Senior Research Engineer/Program Manager/Regents Fellow, Texas A&M Transportation Institute, College Station, TX

Mobility as a Service (MaaS) - TNC and Automated Vehicle Insights
Sponsored by Arcadis
This session presents the interplay of technology, data, and shared mobility in a MaaS ecosystem, including the potential impacts of autonomous vehicles.

Laura Schewel, CEO, StreetLight Data, San Francisco, CA
Kousay Mohamad, University of Washington, Winnipeg, Manitoba, Canada
Mark Norman, Resident Scholar, Transportation Research Board, Washington, DC and Katherine Kortum, Senior Program Officer, Transportation Research Board, Washington, DC
Arjan Van Andel, Director of Customer Success, PTV Group, Arlington, VA and Banu Kala, Transportation Planner, City of Minneapolis, MN

How Can We Collaborate to Reduce Fatalities on Our Transportation System?
This session focuses on the perspectives of a variety of stakeholder groups and how each group is working to reduce fatalities on the transportation system, as well as how they view successes and shortcomings in collaboration that could bring about greater impacts.

Woon Kim, Senior Analyst, AAA Foundation for Traffic Safety, Washington, DC
C. Michael Lee, Director of Engineering and Safety Operations, Texas DOT, Austin, TX
**Marcia Fashingbauer, CEO, Excargo and Texas State Vice President, American Trucking Associations, Houston, TX
Adam Vanek, CEO, Mothers Against Drunk Driving, Irving, TX
Steve McCraw, Director, Texas Department of Public Safety, Austin, TX

Monday, July 22, 2:30 p.m.–4:00 p.m.
Technical Program

Tuesday, July 23, 8:30 a.m.–10:00 a.m.

Rural Traffic and Safety Management
Roadways in rural areas and small communities present a different set of safety management issues than their urban and suburban counterparts. This session presents a cross section of traffic and safety management techniques for rural areas such as the use of drones, dilemma zone protections, and signal timing.

Paul Barricklow, Principal, Lee Engineering, Albuquerque, NM
Lee Gibbs, Senior Traffic Engineer, SRF Consulting Group, Inc., Madison, WI and
Rebecca Szymkowski, Traffic Supervisor, Wisconsin Department of Transportation, Madison, WI
Sung Yoon Park, Transportation Engineer, Maryland DOT State Highway Administration, Hanover, MD
Alyssa Ryan, Graduate Research Assistant, University of Massachusetts Amherst, Waddington, NY

Curbs and Hubs: Who Manages the New Frontier?
This session is a Socratic discussion built around a series of provocative questions. The panel will explore outcomes of active and passive planning related to the urgent topics of mobility hubs and curbside management.

Andy Boenau, Director of Mobility Strategy, The Gotcha Group, Richmond, VA
Jim Gough, Department Manager, Transportation Planning, WSP, Thornhill, Ontario, Canada
Robin Aksu, Project Manager – Mobility Hubs, Los Angeles Department of Transportation, Los Angeles, CA
Colin Roche, CEO, Swiftmile, San Mateo, CA

National Operations Center of Excellence (NOCoE) Transportation Technology Tournament
This competition features students who have worked closely with state and local DOTs to solve real-world transportation problems using ITS and TSMO solutions.
Held by NOCoE and the U.S. Department of Transportation Intelligent Transportation Systems (ITS) Professional Capacity Building Program (ITS JPO PCB) program, nine student teams will have spent six months working with industry and academic advisors to learn about potential ITS and TSMO solutions via online training programs. Working as a team, the students use their experience, education, and new coursework to develop a solution or suite of solutions to directly address the originally-defined challenge problem.
During this session, each finalist team will give a 10-minute presentation in front of a panel of judges, where they’ll face questions and be expected to speak to the technical aspects of their solution. A team will then be selected as the 2019 Transportation Technology Tournament Winner and announced at the Power Plenary.

Bringing V2X to the Lone Star State: Landmark Development and Initiatives in Texas
Sponsored by WSP
This session showcases ongoing and planned V2X deployments in Texas, including both urban and rural applications.

Jorge Riveros, Smart Mobility Program Manager, Austin Transportation Department, Austin, TX
Kristie Chin, Director of Civic Innovation, Texas Innovation Alliance, UT Austin Center for Transportation Research, Austin, TX
Nader Ayoub, Regional Vice President, Iteris, West Lake Hills, TX
Jianming Ma, Transportation Engineer, Texas DOT, Austin, TX

Generation Z – The Fortnite Evolution
This fun and interactive session will explore the desires of Generation Z and how transportation professionals today should consider those desires. Panelists include transportation industry leaders and future system users, age 10–14.

Jennifer Toth, Transportation Director/County Engineer, Maricopa County Department of Transportation, Phoenix, AZ
**Roger Cohen, Senior Policy Advisor, Pennsylvania Department of Transportation, Harrisburg, PA
Cassie Jordan, Director, IT Strategy and Portfolio Management, Texas DOT, Austin, TX

This session is part of ITE STEM Activity Day (see Meeting Highlights for more information).

The Future of Bike Signals and Pedestrian Detection Systems
This session will address the challenges of detecting people walking and cycling at traffic signals and using these data to improve multimodal performance. In addition, case studies will be presented showing installation/implementation lessons learned from the perspective of a municipality and a designer.

William DeSantis, Chair, NCUTCD Bicycle Technical Committee, VHB, Providence, RI
Peter Koonce, Principal Engineer, Portland Bureau of Transportation, Portland, OR
Dongho Chang, City Traffic Engineer, City of Seattle, Seattle, WA
Joshil Bhatapuria, Graduate Engineer, Austin Transportation Department, Austin, TX
Tuesday, July 23, 10:00 a.m.–10:45 a.m.

Poster Session 2 - Smart Communities / Big Data / Connected and Automated Vehicles / Mobility as a Service
Sponsored by WSP

**John Abraham**, Director, Macomb County Department of Roads, Mount Clemens, MI

**Tyler Beduhn**, Civil Engineer, Kimley-Horn, Arlington, VA

**Barbara Catlin**, Marketing & Communications, Cubic (Trafficware), Sugar Land, TX and

**Marshall Cheek**, Trafficware Director, Business Development, Cubic (Trafficware), Sugar Land, TX

**Dennis Eyler**, Principal, SRF Consulting Group, Inc., Plymouth, MN

**James Gilbert**, Director of Operations, GBA Systems Integrators, LLC, Lenexa, KS

**Terry Gortney**, Senior Signal Systems Engineer, Charlotte Department of Transportation, Charlotte, NC and

**Jon Ringler**, Vice President, Econolite, Alpharetta, GA

**John Habermann**, Research Engineer, Texas A&M Transportation Institute, Waco, TX and

**Javonda Williams**, Associate Dean, University of Alabama, Tuscaloosa, AL

**Armana Huq**, Graduate Research and Teaching Assistant, Florida International University, Miami, FL

**Kent Kacir**, Vice President, Kimley-Horn, Dallas, TX and **Brian Craig**, Consulting Engineer, City of Austin, Austin, TX

**Jeffrey Kupko**, Project Manager – Traffic, Michael Baker International, Columbus, OH

**Michelle Mekker**, Assistant Professor, Utah State University, Logan, UT and **Ashikur Rahman**, Graduate Research Assistant, Utah State University, Logan, UT

**Farhad Pooran**, Vice President, Systems Product Management, Econolite Group, Inc., Anaheim, CA

**Kelli Raboy**, ITS Program Manager, District of Columbia Department Of Transportation, Washington, DC

**Stephen Remias**, Assistant Professor, Wayne State University, Detroit, MI and **Jonathan Waddell**, Graduate Research Assistant, Wayne State University, Detroit, MI

**Adam Groves**, Regional Manager, PTV Group, Arlington, VA

**Alexander VanHout**, Transportation Planner, Arup, New York, NY and **Eric Swenson**, Senior Engineer, Arup, New York, NY

**Scott Poska**, Senior Traffic Engineer, Alliant Engineering, Minneapolis, MN

**Catherine Manzo**, Senior Director, Customer Success, StreetLight Data, San Francisco, CA

*Separate Fee Required  **Invited Speaker  ***By Invitation Only
Technical Program

Tuesday, July 23, 10:45 a.m.–12:15 p.m.

Power Plenary
This session includes a panel of experts who will explore the issues surrounding Mobility as a Service, how it is being implemented in cities, what challenges and opportunities exist, and what the future holds.

Moderator: Johanna Zmud, Director – Washington, DC Office, Texas A&M Transportation Institute, Washington, DC

Panelists:
Roger Millar, Secretary of Transportation, Washington State DOT, Seattle, WA
Karina Ricks, Director, Department of Mobility and Infrastructure, City of Pittsburgh, PA
Evan Costagliola, Director of Transportation Partnerships, Government Relations, Lime
Kathleen Baireuther, Senior Manager, Ford Smart Mobility, Austin, TX

Tuesday, July 23, 1:30 p.m.–3:00 p.m.

Complete Streets Boulevards
Come see on-the-ground projects that have transformed car-centric boulevards into complete streets. This session will feature four completed complete street projects across the country and will include a round-table discussion on common strategies that create a successful complete street boulevard.

Paula Flores, Transportation Planning Practice Leader, Greenman-Pedersen, Inc. (GPI), Tampa, FL
Allan Klugman, Principal, Professional Engineer, City of Minneapolis, Minneapolis, MN and Becca Hughes, Transportation Planner, City of Minneapolis, Minneapolis, MN
John Martin, Senior Vice President, Kimley-Horn, Reston, VA and Erin Murphy, Transportation Planner, Kimley-Horn, Reston, VA and Tyler Beduhn, Civil Analyst, Arlington, VA
Kerri Collins, Vice President, Transportation Planning/Engineering, WSP USA, San Antonio, TX and Mukul Mulhotra, Principal Director of Urban Design, MIG, Inc., San Antonio, TX

Impacts of Connected and Automated Vehicle Technologies on Transportation Engineering and Planning
Sponsored by WSP
Impacts of Connected and Automated Vehicle technologies are discussed in this session in a practical manner to enable planners and engineers to begin to take the lessons learned to everyday practice.

Alan Clelland, Vice President West, Applied Information, Pasadena, CA
Mark Ignatowski, Vertical Marketing Specialist, Global Traffic Technologies, Oakdale, MN and Chad Mack, Product Manager, Global Traffic Technologies, Oakdale, MN
Katherine Kortum, Senior Program Officer, Transportation Research Board, Washington, DC and Mark Norman, Resident Scholar, Transportation Research Board, Washington, DC
Thomas Williams, Transportation Planning Practice Leader, DKS Associates, Driftwood, TX

Rural Incident Management and Performance Data
This session presents information on data driven approaches and benefit-cost information to demonstrate the value of rural incident management as well as the use of performance data to support agencies’ TSMO programs.

Andrew Brewer, Assistant Division Engineer, Arkansas Department of Transportation, Little Rock, AR
Kent Collins, Director of Public Works, City of Coppell, Coppell, TX and Robert Brydia, Program Manager/ Senior Research Scientist, Texas A&M Transportation Institute, College Station, TX
Mitchell Hadfield, Graduate Research Assistant, Brigham Young University, Provo, UT

Successful Signal Timing Strategies
This session demonstrates how signal timing strategies can be used to successfully reduce congestion and improve transportation safety, quality, and reliability.

Chris Brinkmann, Manager, Traffic Operations, City of Ottawa, Ontario, Transportation Services Department, Ottawa, Ontario, Canada
Jared Wall, Traffic Engineer, City of Austin Transportation Department, Austin, TX and Christine Cheng, Graduate Research Assistant, The University of Texas at Austin, Merritt Island, FL
Emad Makarious, Administrative Engineer, New York City DOT, Long Island City, NY and Robert Rausch, Vice President, Transcore ITS, LLC, Long Island City, NY
Mehdi Mohades, Associate Engineer, Iteris, Austin, TX and Venkatesh Jadhav, Senior Engineer, Iteris, Inc., Austin, TX
What’s New in Trip and Parking Generation
This session introduces the audience to two of the industry’s most widely used parking resources (Parking Generation Manual, 5th Edition and Shared Parking) and provides a practitioner’s experience with new strategies for estimating person trip generation rates and innovative techniques for managing parking demand.
Kevin Hooper, Principal, Kevin Hooper Associates, Falmouth, ME
Mary Smith, Senior Vice President, Walker Consultants, Indianapolis, IN
Okan Gurbuz, Ph.D. Student Research Assistant, University of Texas at El Paso, El Paso, TX
Dan Hennessey, Vice President, Director of Transportation, Big Red Dog Engineering, Austin, TX

Implementing Vision Zero in Texas
This session will cover the successes and challenges in implementing Vision Zero in Texas over the past several years, with a focus on lessons learned in developing action plans, examples of successful countermeasure implementations, evaluation of results and progress, working with advocates and the public, and FHWA resources that can help anyone who is trying to implement Vision Zero.
Stephen Ratke, Safety and Traffic Operations Specialist, Federal Highway Administration, Austin, TX
Jay Blazek Crossley, Executive Director, Farm and City, Austin, TX
Gregory Reininger, Principal Transportation Planner, City of San Antonio, San Antonio, TX
Lewis Leff, Transportation Safety Officer, Austin Transportation Department, Austin, TX

Poster Session 3 - Complete Streets / Vision Zero / Transportation and Health
Matthew Buckley, Vice President, Whitman, Requardt, and Associates, LLP, Wilmington, DE
Dyan Damron, Traffic Engineering & Planning Manager, Volkert, Inc., Franklin, TN
Lydia LaPoint, Civil Engineer, IBI Group, Irvine, CA
Steve Gallup, Transportation Engineering Services Supervisor, Lane County Dept. of Public Works, Eugene, OR
Daniel Herrig, Transportation Engineer, City of Richardson, Richardson, TX
Bruce Inwood, Director, Product Marketing, Brisk Synergies, Waterloo, Ontario, Canada
Jeremy Kashman, Director of Engineering, City of Carmel, Carmel, IN
Yung Koprowski, Principal, Y2K Engineering, LLC, Mesa, AZ
Steven Lavrenz, Assistant Professor, Wayne State University, Detroit, MI
Ashley Lickliter, Vice President, Kimley-Horn, Richmond, VA
Margaret McNamara, Postdoctoral Researcher, University of Alabama, Tuscaloosa, AL
Andrew O’Brien, Chairman, O’Brien Traffic, Hawthorn East, Victoria, Australia

Krista Purser, Engineering Associate, Kittelson & Associates, Inc., Portland, OR
Mark Rinnan, Principal Planner, Jacobs Engineering, Chicago, IL and Roberto Rodriguez, Consultant Program Manager, Knight Engineers & Architects, Chicago, IL
Joel Meyer, Pedestrian Coordinator, Austin Department of Transportation, Austin, TX
Peter Savolainen, MSU Foundation Professor, Michigan State University, East Lansing, MI
Sajad Shiravi, Traffic Engineering, Miovision Technologies, Kitchener, Ontario, Canada
Brooke Struve, Safety and Geometric Design Engineer, FHWA, Strasburg, CO
Lindsey Van Parys, Project Manager, GHD, Lynnwood, WA
Sara Clark, Office Director, TranSystems Corporation, Kansas City, MO
Peter Lipar, Assistant Professor, University of Ljubljana, Ljubljana, Slovenia
Aaron Zimmerman, Senior Transportation Planner, District of Columbia Department of Transportation, Washington, DC
Creative Management of Data Driven Work Zones
Work zones create challenging driving environments from a safety and operational perspective. Data integration into work zone management supports active TSMO of the network of roadways impacted by construction. Presentations in this session highlight data applications for alternate route and detours, freeway lane closures, and incidents in work zones.

Paul Avery, Technology Solutions Manager, AECOM, Austin, TX
David Halloin, Traffic Engineer/Project Manager, Kimley-Horn, Carrollton, TX and Tom Hartmann, Traffic Engineer, Kimley-Horn, Dallas, TX
John Nevares, Austin District Traffic Engineer, Texas Department of Transportation, Austin, TX and Natalia Ruiz Juri, Director, Network Modeling Center, The University of Texas, Austin, TX

Improving Mobility and Safety Through Alternative Intersection Design
Sponsored by MTJ Engineering
This session explores several innovative intersection and interchange treatments that demonstrate improved safety and congestion relief through reduced conflict points, lower operating speeds, and efficient flow of traffic.

Randy Johnson, Senior Transportation Engineer, DKS Associates, Portland, OR and Aaron Berger, Transportation Engineer, DKS Associates, Portland, OR
Michael Schrader, Assistant Professor, Minnesota State University, Mankato, Mankato, MN
Peter Yu, Student, Pullman, WA
Wei Zhang, Highway Research Engineer, Federal Highway Administration, McLean, VA and Chenhui Liu, Postdoctorate Fellow, National Research Council, McLean, VA

Lessons from Connected and Automated Vehicle Deployment Projects
Sponsored by WSP
Connected and automated vehicle deployments across the nation have had to overcome challenges. This session presents a few of the unique lessons learned from overcoming those challenges today and some of the challenges that may face autonomous vehicle deployments in the future.

Joseph Gregory, Program Manager, Federal Highway Administration, Washington, DC
Brian Moen, Assistant Director of Engineering Services, City of Frisco, Frisco, TX and Kerin Smith, Traffic Engineer, City of Frisco, Frisco, TX
Robert Rausch, Vice President, TransCore, Harrisburg, PA
Srinivasa Sunkari, Research Engineer, Texas A&M Transportation Institute, College Station, TX

Measures and Guides for Linking Transportation and Health
This session will cover trends, projects, and practices related to linking transportation and health for practitioners. From the evolution of the Safe Routes to School program to daily physical activity monitoring, speakers will discuss public health as it relates to transportation professionals. There will be a focus on mobility, first and last mile solutions, and tools for creating community connections.

Sina Famili, Graduate Research Assistant, University of Texas at Arlington, Arlington, TX and Shirin Kamali Rad, Graduate Research Assistant, University of Texas at Arlington, Arlington, TX
Daniel Hardy, Principal, Renaissance Planning Group, Arlington, VA
Wendy Heaps, Senior Policy Analyst, Centers for Disease Control, Atlanta, GA
Saeedreza Ramezanpourmargesi, Graduate Research Assistant, University of Texas at Arlington, Arlington, TX and Sheida Khademi, Graduate Research Assistant, University of Texas at Arlington, Arlington, TX

Managing Liability While Improving Safety Outcomes
Four members of the Transportation Forensics and Risk Management Council will present on recent litigation trends, with special focus on vulnerable users, Vision Zero goals, and relevant personal/professional experiences.

Gary Thomas, Principal Engineer, Kittelson LLC, College Station, TX
Rock Miller, Principal, Rock E. Miller and Associates, Orange, CA
Robert Seyfried, RK Seyfried and Associates, Evanston, IL
Gary Norris, Senior Engineer, DN Traffic Consultants, Preston, WA

Vision Zero Program Implementation
This session will highlight four projects that are working to reduce serious injuries and fatalities in cities across the United States. Hear from state and city transportation officials on data-informed projects that increase safety for all road users. This session will include projects on pedestrian studies, pedestrian signals, and road safety improvements.

Koushik Arunachalam, Associate Vice President, Arcadis US Inc., Houston, TX
Upal Barua, Engineering Supervisor, Austin Transportation Department, Austin, TX and Boniface Njoroge, Senior Design Engineer, Austin Transportation Department, Austin, TX
Ernest Athanailos, Director of Signals and Street Lighting, New York City DOT, Long Island City, NY and James Celentano, Civil Engineer, New York City DOT, Long Island City, NY
Scott Mansur, Principal Engineer, DKS Associates, Salem, OR and Brian Chandler, Director of Transportation Safety, DKS Associates, Seattle, WA
Effective Transportation Systems Management and Operations Using Big Data
Sponsored by CBB Transportation Engineers + Planners
This session demonstrates how agencies can move into next generation Transportation Systems Management and Operations (TSMO) by understanding and using big data. Several practical leading-edge implementations of traffic control and management systems that used big data are presented as case studies.

Sam Deo, Traffic/ITS Task Manager, Arcadis, Inc., Houston, TX and Kialee Gbosi, Project Manager, Texas Department of Transportation, Houston, TX
Xuewen Le, Senior Project Manager, Jacobs, Johns Creek, GA
Dennis Mitchell, Regional Traffic Engineer, DKS Associates, Portland, OR
Lucy Richardson, Analyst, Kimley-Horn, Dallas, TX

Pedestrian/Bicycle Networks That Work!
This session will feature various projects that make a designated network and protected routes for pedestrians and bicyclists. From across North America, this session will cover planning connections for pedestrians and bicycles that make necessary connections in our cities and improve multimodal first and last mile connections.

Irini Akhnoukh, Senior Transportation Engineer, McElhanney Consulting Services Ltd., Calgary, Alberta, Canada
Chris Bower, Midwest Engineering Director, Toole Design, Minneapolis, MN and Simon Blenski, Transportation Planner, City of Minneapolis, Minneapolis, MN
Peter Bennett, Transportation Specialist, City of San José, San José, CA and Jessica Zenk, Deputy Director, City of San José, San José, CA
Zahidul Siddique, Principal Engineer, infrateCH Engineers & Innovators, LLC, Houston, TX
Joshua Smith, Project Manager, Lee Engineering, Dallas, TX and Kevin Kokes, Program Manager, Active Transportation, North Central Texas Council of Governments, Arlington, TX

Railroad Grade Crossings – Safe as They Can Be?
Sponsored by RailPros
This session discusses new ITE and USDOT resources that contain state of the practice information and current research on rail grade crossing design, operation, and safety; it also provides specific practitioner experience with methods for accommodating pedestrians and bicyclists at or near grade crossings.

Darryl Puckett, Research Scientist, Texas A&M Transportation Institute, Houston, TX and Michael Vickich, Senior Systems Analyst, Texas A&M Transportation Institute, Houston, TX
James Robertson, Project Manager/Office Manager, Lee Engineering, LLC, San Antonio, TX and Troy Rother, City Traffic Engineer, City of College Station, College Station, TX
Brent Ogden, Regional Vice President – Transit, Kimley-Horn, Los Angeles, CA
Tom Lancaster, Founding Principal, Lancaster Engineering, Portland, OR

TSMO Workforce: Recruitment, Retention, and Career Development
This panel discussion will touch on challenges facing transportation agencies such as advancing needs for technology knowledge, intergenerational management, matching skills to needs through existing public sector hiring practices, evolving recruiting practices to attract top talent in fields which transportation agencies traditionally have not hired, and providing competitive wages and benefits.

Alexandra Lopez, ITS Engineer, Gannett Fleming, Miami, FL
**Raj Ponnaluri, Traffic Systems Studies Engineer, Florida Department of Transportation, Tallahassee, FL
Stephanie Ivey, Associate Dean for Research/Professor, University of Memphis, Memphis, TN
Bill Delo, Managing Principal, IBI Group, Irvine, CA

Where the Rubber Meets the Road: Linking Research and Practice
Sponsored by WSP
This session serves as a bridge between leading-edge practice in connected and automated vehicle technologies and research that is ready for implementation. It will also provide a perspective in better understanding connected and automated vehicle technologies from both the IEEE and ITE member point of view.

John Dorado, Senior Project Manager, Advantec Consulting Engineers, Santa Ana, CA
Steve Kuciemba, Vice President and National ITS Practice Leader, WSP, Baltimore, MD
Wei-Bin Zhang, Advisor, Intelligent Transportation Systems, UC-Berkeley, Berkeley, CA
Matthew Barth, Director, Center for Environmental Research and Technology, UC-Riverside, Riverside, CA

Vision Zero and the Safe Systems Approach
This conversation circle session will introduce the Vision Zero Core Elements and then present on case studies from jurisdictions that have been authentically adopting them through a focus on Safe Systems. Vision Zero requires a shift in how communities approach decisions, actions, and attitudes. A fundamental part of this shift is moving from a traditional approach to a Safe Systems approach.

Meghan Mitman, Principal, Fehr and Peers, Walnut Creek, CA
Leah Shahum, Founder and Director, Vision Zero Network, San Francisco, CA
Hillary Isebrands, Roadway Safety and Design Engineer, Federal Highway Administration, Denver, CO
Soumya Dey, Associate Director, Transportation Operations and Safety, DC Department of Transportation, Washington, DC

Wednesday, July 24, 9:00 a.m.–10:30 a.m.
Technical Program

Closing Plenary

Wednesday, July 24, 11:00 a.m.–12:00 p.m.

This year’s closing plenary will be a TED talk-style format with special guest Dr. David Harkey, President of the Insurance Institute for Highway Safety (IIHS) and Highway Loss Data Institute (HLDI). Dr. Harkey came to IIHS-HLDI in January 2018 after serving as Director of the North Carolina Highway Safety Research Center for 12 years. With a long and distinguished career in the transportation safety field, Dr. Harkey will share his insights on Vision Zero and the roles that both infrastructure changes and new technology can play in driving down the number of fatalities and serious injuries on the transportation system.

Wednesday, July 24, 1:00 p.m.–4:00 p.m.

Every Day Counts: Saving Lives for a Decade Workshop*

Ten years ago, the Federal Highway Administration (FHWA) launched the Every Day Counts (EDC) program. EDC is a state-based model to identify and rapidly deploy proven, but underutilized innovations that shorten the project delivery process, enhance roadway safety, reduce congestion, and improve environmental sustainability.

Michael Griffith with the FHWA Office of Safety will provide an overview of all the EDC safety innovations since 2009, which include: Safety Edge, High Friction Surface Treatments, Innovative Intersection and Interchange Designs, Road Diets, and Data-Driven Safety Analysis Tools. Opportunities still exist to get wider scale deployment, so come learn how to overcome challenges and obtain the resources you need to advance implementation of these practical safety solutions.

After the overview presentation, attendees can select from two workshops: Safe Transportation for Every Pedestrian or Targeted Efforts to Improve Rural Road Safety to learn more about these current EDC Round 5 innovations that SAVE LIVES! *

Safe Transportation for Every Pedestrian

This workshop will introduce participants to the FHWA Safe Transportation for Every Pedestrian (STEP) program that is promoting countermeasures proven to reduce pedestrian crash risk. The workshop will highlight the importance of pedestrian crossings to a complete transportation network, and attendees will learn how to apply the FHWA Guide for Improving Pedestrian Safety at Uncontrolled Crossing Locations to local plans, projects, and safety programs. The workshop includes interactive sessions and features case studies where the countermeasures have been implemented with successful safety outcomes. Peter Eun, with the FHWA Resource Center, will present and facilitate the STEP workshop.

Targeted Efforts to Improve Rural Road Safety

This workshop will focus on the steps necessary to reduce the potential for serious injury and fatal crashes on rural roads by helping participants identify rural roadway safety issues and risks, as well as proven safety countermeasures to address those risks. Attendees will also learn how to develop roadway safety plans that use systemic analysis and implementation of proven solutions to improve the safety performance of their rural roads. Hillary Isebrands, with the FHWA Resource Center, will present and facilitate this workshop.

Registration Fee: $10

This workshop is jointly sponsored by FHWA and ITE

State of the Art in Traffic Calming Workshop*

As the need to protect residential areas from effects of traffic continues to increase, the traffic calming practice has evolved. Some traditional traffic calming measures remain, new ones have been engineered, while others have changed in their design, application, and/or effects. In 2017, ITE and FHWA developed the Traffic Calming ePrimer to serve as a resource for the public and profession to understand the toolbox of individual traffic calming measures and their effects. The ePrimer can help to choose which measure(s) would be best to solve specific neighborhood traffic problems and have acceptable benefits and negative impacts. Based on the information contained in the ePrimer, the ITE Traffic Engineering Council recently revised the traffic calming fact sheets on the ITE website. These sheets have long been a popular staple on the ITE website. This workshop presents the current state of the traffic calming practice and presents the updated and new fact sheets on the individual traffic calming measures.

Registration Fee: $50
Wednesday, July 24, 1:00 p.m.–4:00 p.m.

**Attaining Objectives and Performance Based Management of Traffic Signal Programs with Automated Traffic Signal Performance Measures Workshop***

The workshop will explore how Automated Traffic Signal Performance Measures (ATSPMs) are being used to address safety, mobility, and reliability goals through improved signal timing. It will include a brief overview of ATSPMs, along with several DOTs sharing their experiences with ATSPM applications, and an open discussion with participants on some of the challenges that persist to ATSPM adoption. A particular effort will be made to include agency experiences with ATSPM applications in the areas of safety and infrastructure management, in addition to the more common operations use cases. ATSPM technology, and the operational strategies they validate, allow agencies to maintain a proactive and customer-oriented signalized intersection management program, saving significant time and financial resources. As part of the FHWA Every Day Counts 4 Technology Initiative, the implementation of ATSPMs has been accelerated significantly and has become a core part of signal management and operations in more than 30 states. ATSPM technology has already transformed agency business processes, and will be key to evaluating the effectiveness of connected vehicle applications, as well as future strategies aimed at improving the safety and efficiency of travel for all types of roadway users.

Registration Fee: $10

*This workshop is jointly sponsored by FHWA and ITE*

---

Wednesday, July 24, 1:00 p.m.–5:00 p.m.

**Use of Crowdsourcing to Advance Operations Workshop***

The goals of this workshop are three-fold. First, this session strives to bring awareness of crowdsourced applications to transportation leadership, operations and ITS managers, and technical leads within agencies responsible for traffic management and operations. Second, this session strives to initiate dialogue that prompts agencies to consider using crowdsourced data. Third, this session aims to inform agencies of the FHWA Every Day Counts, Round 5 (EDC-5) Innovation, “Use of Crowdsourcing to Advance Operations,” and the suite of resources available to help state and local agencies accelerate the implementation of crowdsourced data for operations. During this session, participants will hear from experts on the use of crowdsourced data from cellular-based sources, smartphone apps, and enhanced law enforcement communications through computer-aided dispatch systems. Moreover, participants will learn about the FHWA EDC-5 Innovation, “Use of Crowdsourcing to Advance Operations,” and how the EDC-5 Innovation Team will be providing assistance to state and local agencies to accelerate the implementation of crowdsourced data for operations. And most importantly, participants will be encouraged to ask questions to understand and navigate around barriers that might otherwise hinder an agency’s effective use of crowdsourcing.

Registration Fee: $10

*This workshop is jointly sponsored by FHWA and ITE*

---

Wednesday, July 24, 1:00 p.m.–5:00 p.m.

**Emerging Technologies for Micro-mobility: What Do We Know, What Do We Not Know, and What Do We Do? Workshop***

Beginning in 2017, a proliferation of start-ups and new firms distributed electric scooters for use in shared mobility systems (SMS) in cities across the United States, generating millions of trips per year. According to some reports, the adoption rate of e-scooter sharing systems is one of the highest among emerging mobility service providers, projected to outpace even Uber and Lyft, indicating that these technologies hold the potential to be truly transformative to the way in which people travel in the future. While the potential health, environmental, and congestion relief benefits of these emerging transportation systems—designed to provide “micro-mobility” and an affordable, low emissions alternative to driving—is promising, safety and planning concerns abound. City planners and engineers are on the front lines of designing safe systems—through roadway design and regulatory approaches—to accommodate emerging technologies and harness the transformative benefits these systems may offer, while mitigating safety concerns for all road users.

This workshop will explore what we know and don’t know about these emerging technologies (including operating characteristics and usage trends), and how cities can improve the ways in which they plan and design for emerging forms of low-speed travel via light electric vehicles (such as e-scooters) and coordinate with industry partners. The workshop will highlight the latest research and findings from a scan of agency practices regarding e-scooters in SMS and will discuss the extent to which national bicycle infrastructure design standards accommodate the needs of existing and emerging light vehicle travel modes. The workshop will also showcase lessons from local perspectives, including the City of Austin, who have active e-scooter mobility services.

Registration Fee: $10

*Separate Fee Required  **Invited Speaker  ***By Invitation Only*
Technical Tours*

Monday, July 22, 2:30 p.m.–4:30 p.m.
MoboTrex Facility Tour*
MoboTrex is a leading manufacturer of traffic control cabinets and signals with a 130,000 square foot factory in Austin, TX. This tour will showcase the manufacturing process required to take a cabinet from raw sheet metal to a finished and tested product, ready for installation at an intersection. Join us to see the amazing variety of different cabinet solutions required by agencies throughout the United States, and see first-hand the American workers that build these essential building blocks of transportation infrastructure.
Due to the sensitive and confidential nature of the content in a private manufacturing facility, competitors will not be able to attend this tour.
Maximum number of participants: 55
Registration Fee: $25

Tuesday, July 23, 8:30 a.m.–10:30 a.m.
City of Austin TMC/Traffic Signal Lab Tour*
The City of Austin Advanced Traffic Management System includes 1,024 traffic signals, 78 Pedestrian Hybrid Beacons, 526 CCTV Cameras, 571 School Zone Beacons, and 20 Dynamic Message Signs.
The City of Austin Transportation Management Center (TMC) is the headquarters for monitoring and managing traffic throughout the City. The TMC is staffed seven days a week through peak travel times, and may be staffed continuously through large events. From the TMC, engineers and technicians monitor traffic patterns and adjust signal timing in response to traffic needs. Crews may be dispatched from the TMC as needed to respond to downed or malfunctioning traffic signals. The tour will include an overview of the TMC configuration and operations, and a tour of the Traffic Signal Training Area. This will be followed by a lightning talk by several agencies with TMCs, focusing on recommended practices based on lessons learned.
Maximum number of participants: 40
Registration Fee: $25

Tuesday, July 23, 8:30 a.m.–9:30 a.m.
ADA/Bicycle Facility Walking Tour*
This walking tour will include a visit to City of Austin’s 3rd St. corridor in the downtown area to highlight an eight block section that includes curb separated one-way bikes lanes on both sides of 3rd St. adjacent to a buffered pedestrian sidewalk. This model corridor will focus on context sensitive design elements, pavement markings, technical aspects of operating dedicated bike signal heads, and other construction challenges with retrofitting existing facilities.
Maximum number of participants: 20
Registration Fee: $25

Tuesday, July 23, 1:30 p.m.–5:30 p.m.
Capital Metro North Operations Facility Tour*
Capital Metro’s North Operations facility is the nervecenter of Austin’s public transportation system. Home to the agency’s MetroRail, MetroRapid bus rapid transit, and local bus fleet, this facility is used for maintenance, operations, and dispatch 24-hours a day. As Austin grows, this facility is expanding. In the coming year, it will be the first electric bus charging center in Central Texas. North Operations also houses Capital Metro’s brand new Operations Control Center, where security, rail, bus, and paratransit operations are coordinated.
Maximum number of participants: 40
Registration Fee: $25
Wednesday, July 24, 3:30 p.m.–5:00 p.m.
**Austin’s Rainey Street Historic District: Just Enough Space (with the Correct Priorities)**

The Rainey Neighborhood area has undergone a change in character in the last decade; what was once a quiet, residential street is now a bar and restaurant corridor surrounded by high-rise apartments, condominiums, and hotels. With more change coming after the area was re-zoned as Central Business District (CBD), the neighborhood’s transportation network has needed to change as well.

Mobility conditions in the neighborhood as it currently exists differ from what it might look like with future redevelopment considered. With the change in uses in the area, recent studies have had a specific focus on how the transportation system facilitates the movement of and access for all people (not just vehicles) safely and efficiently through the area.

These plans and designs have identified key potential improvements, including addressing gaps in the pedestrian and bicycle network, addressing circulation issues through the number of access points to the area, identifying safety concerns for all users, identifying transit needs into, out of, and adjacent to the study area, reviewing existing and proposed parking supply, demand, and policy in the study area, understanding how to better utilize curb space for passenger loading, commercial loading, vehicle parking, and pedestrian activity, and ability to utilize Transportation Demand Management (TDM) techniques.

In an area with typical commute patterns during the traditional peak hours and where people vastly outnumber cars during other periods, creative solutions outside of traditional transportation engineering methods are needed. The area presents a number of unique challenges (and opportunities) for transportation professionals.

**Maximum number of participants: 40**

**Registration Fee: $25**

---

Meeting Highlights

**Sunday, July 21, 4:00 p.m.–6:00 p.m.**

**Women in ITE Forum**

Join the Women of ITE subcommittee for a workshop on women’s issues in transportation–open to all! In this interactive workshop, you will learn about techniques to empower women in the workforce and the value of diverse perspectives across all aspects of the field. Engage in networking activities to build up a network of like-minded ITE members to help us all tackle these issues of diversity in the transportation field. While there is no fee to attend, please use the registration form, under workshops, to indicate that you plan to attend so that we can adequately plan the forum activities.

Can’t wait for the conference? Follow along with our Information Crusade as each month we tackle a new subject relating to women in the workforce or women’s transportation challenges! [https://www.ite.org/about-ite/women-of-ite-sub-committee/](https://www.ite.org/about-ite/women-of-ite-sub-committee/)

---

**Sunday, July 21, 4:30 p.m.–5:00 p.m.**

**First-Timer’s Orientation**

This is a great opportunity for first-time attendees to hear from ITE staff on how to take advantage of everything you can at this meeting. ITE staff will go over the meeting schedule, point out key features and not-to-miss moments, as well as provide first-time attendees a tour of the key areas of the hotel where most ITE events will take place. The orientation will end at the First-Timer’s/Global Members/Sponsor Reception.

---

*Separate Fee Required  **Invited Speaker  ***By Invitation Only*
Meeting Highlights

Sunday, July 21, 5:00 p.m.–6:00 p.m.
First-Timer’s/Global Members/Sponsor Reception
Sponsored by Neel-Schaffer
Gather to meet our first-time attendees, celebrate our global members, and thank our meeting sponsors. Join members of ITE’s board of direction, ITE staff, and other notable attendees. Come meet some new people, create new relationships, and learn first-hand what ITE and this meeting can offer you!

Sunday, July 21, 6:00 p.m.–7:30 p.m.
Welcome to Austin Opening Reception
Come say “howdy pardner” to fellow attendees. Enjoy beverages and grab a bite to eat while checking out the exhibit hall, reconnecting with old friends, and shaking the hand of a new acquaintance.

Sunday, July 21, 7:30 p.m.–11:30 p.m.
Texas Hold ‘Em Tournament
It wouldn’t be an ITE Texas District meeting without the Texas Hold ‘Em Tournament. Join in the game for fun and prizes. No experience necessary. There is no cost to join this friendly tournament, which starts shortly after the Welcome to Austin Opening Reception. Snacks and drinks will be available.

Monday, July 22, 11:15 a.m.–12:15 p.m
Rural ITS Town Hall Meeting
What are the current “hot topics” and emerging issues in rural intelligent transportation systems (ITS)? Hear technical, policy, and funding updates from national leaders; ask questions about trends and recent advancements; and join the conversation by helping to identify and prioritize additional issues. This discussion will kick off the Rural ITS Pathway that will take place July 22–23 during the meeting.

Monday, July 22, 12:30 p.m.–2:15 p.m.
Awards Lunch and LeadershipITE Graduation
Celebrate the best of the transportation profession and recognize tomorrow’s transportation leaders. This event is highly anticipated within the transportation industry as an opportunity to honor the achievements of your colleagues and friends. Additionally, celebrate with the 2019 LeadershipITE class as they graduate from the program.

Monday, July 22, 2:30 p.m.–3:30 p.m.
Exhibit Hall Tours
These tours are designed to help you learn more about participating exhibitors and to help you determine which ones you may want to visit for longer conversations. Guides will stop at exhibit booths based on pre-set categories where representatives from the exhibiting company will provide a short, two-minute overview from exhibitors. More information on the list of exhibitors and how to sign up will be available shortly on the meeting website.
Monday, July 22, 4:30 p.m.–6:30 p.m.
ITE Collegiate Traffic Bowl Grand Championship
Sponsored by Siemens
One of the most attended and highly anticipated events of the conference! A lively crowd cheers and “claps” students to victory! The ITE Collegiate Traffic Bowl is an annual, Jeopardy-style competition among ITE student chapters using transportation planning and engineering topics for the categories, questions, and answers.

Tuesday, July 23, 8:00 a.m.–12:00 p.m.
ITE STEM Activity Day
Kids see traffic signs, traffic signals, and roads everywhere. Yet most of them never learn about the science behind these everyday items. Want to help change that? Come learn about the amazing engineering that goes into the planning, design, and operation of our transportation system.

The ITE Board STEM and Family Programs Committees have organized a fun half-day program of transportation-themed STEM activities for your kids and for the “kids in the greater Austin community.” ITE cares a great deal about educating the next generation on the importance of STEM and the transportation profession. Take this opportunity to give your kids a window into the exciting world of transportation!

What: The half-day program will include:
• A Basic Introduction to Transportation Engineering and Planning. We will give your kids a high-level educational summary of what it means to be a transportation professional.
• An Interactive Conference Session between ITE members and ten kids from Generation Z. Your kids will get to hear about how transportation professionals will shape the future of transportation to meet the needs of the next generation (theirs!)
• Multiple Hands-On Transportation-Themed STEM Activities that have been developed by the STEM Committee. These fun activities with names like “Sign the Way” and “Traveling around Town” will help kids to see, first-hand, what it’s like to be a transportation professional.
• A Traffic Control Devices Scavenger Hunt through the exhibition hall. The kids will get to learn more about different types of traffic control devices and interact with the various vendors.

Tuesday, July 23, 8:30 a.m.–10:00 a.m.
National Operations Center of Excellence (NOCe) Transportation Technology Tournament
This competition features students who have worked closely with state and local DOTs to solve real-world transportation problems using ITS and TSMO solutions.

Held by NOCoE and the U.S. Department of Transportation Intelligent Transportation Systems (ITS) Professional Capacity Building Program (ITS JPO PCB) program, nine student teams will have spent six months working with industry and academic advisors to learn about potential ITS and TSMO solutions via online training programs. Working as a team, the students use their experience, education, and new coursework to develop a solution or suite of solutions to directly address the originally-defined challenge problem.

During this session, each finalist team will give a 10-minute presentation in front of a panel of judges, where they’ll face questions and be expected to speak to the technical aspects of their solution. A team will then be selected as the 2019 Transportation Technology Tournament Winner and announced at the Power Plenary.

Tuesday, July 23, 10:30 a.m.–12:00 p.m.
Student and Faculty Leadership Forum
All students, student chapter leaders, faculty, district and section student liaisons, and others interested in supporting student chapters, are invited to join in a discussion on best practices for student chapters, facilitated by ITE’s Transportation Education Council and the Capital Area Section LAC.

Topics will include educational resources available to faculty and students, chapter activities, fundraising, recruitment efforts, and career development opportunities. Come share your own ideas or learn what other chapters are doing in their respective districts – together we can help each other be the best chapters in ITE!
Registration

Early Bird Registration Deadline is May 31, 2019

Registration is available online at www.ite.org/annualmeeting.
Full payment must accompany your registration. Please make all checks payable to Institute of Transportation Engineers.
If paying by credit card, register online or fax this form to +1-202-785-0609.
Individuals who register at the non-member rate will be given ITE member status for the remainder of the 2019 calendar year.
Full registration includes entrance to all technical sessions (Monday-Wednesday), plenaries (Monday-Wednesday), the exhibit hall (Monday-Tuesday), Welcome to Austin Opening Reception (Sunday), closing reception at Maggie Mae’s (Tuesday) all beverage breaks, poster sessions, and the closing reception.
Registration Deadlines: Complete and return this registration form with the full amount required or register online. Incomplete forms will not be accepted, and discounted fees will not be honored for forms received after the indicated discount registration deadlines.

Mail this form along with payment to:
Institute of Transportation Engineers, Inc.
P.O. Box 791493
Baltimore, MD 21279-1493

Questions? Please email sdollins@ite.org or call +1 202-785-0060 ext. 149.

Federal Tax ID# 53-0232732

To receive the host hotel registration discount, please provide your confirmation code from the Hilton Austin and Hilton Garden Inn Austin

NAME
BADGE NAME
FIRST TIME ATTENDING □ Yes □ No
TITLE
EMPLOYER
STREET ADDRESS
CITY / STATE / PROVINCE / POSTAL CODE / COUNTRY

E-MAIL
EMERGENCY CONTACT NAME
TELEPHONE
TELEPHONE

Payment Information
Payment must accompany fully completed registration form. All remittances are due in U.S. dollars. ITE does not accept Discover Card.

□ Check payable to Institute of Transportation Engineers
□ American Express
□ MasterCard
□ Visa
TOTAL FEE INCLUDED:

CARD NUMBER
SECURITY CODE
EXPIRATION DATE
NAME ON CARD
BILLING ADDRESS
CITY / STATE / PROVINCE / POSTAL CODE / COUNTRY

SIGNATURE

Hotel Information: Please go to www.ite.org/annualmeeting and choose Accommodations to make your housing arrangements at the Hilton Austin and Hilton Garden Inn Austin

EU citizens must read:
I understand that my personally identifiable information (PII) is being shared with ITE for registration and may be used in the future to promote other meetings and conferences. I further understand that this PII may be shared with exhibitors at the Annual Meeting and for post-event business should I opt-in through the use of a lead retrieval software program.

□ Check this box if you DO NOT want this information shared.
<table>
<thead>
<tr>
<th>Event Description</th>
<th>Early Bird Fee (by May 31, 2019)</th>
<th>Regular Fee (after May 31, 2019)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ITE Members – Privately employed</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration – Staying at Host Hotel in ITE block or local resident</td>
<td>$745</td>
<td>$895</td>
</tr>
<tr>
<td>Registration – No Host Hotel Reservation</td>
<td>$845</td>
<td>$995</td>
</tr>
<tr>
<td><strong>ITE Public Agency Members, Retired, and ITE Members Under 30</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration – Staying at Host Hotel or Local resident</td>
<td>$545</td>
<td>$695</td>
</tr>
<tr>
<td>Registration – No Host Hotel Reservation</td>
<td>$645</td>
<td>$795</td>
</tr>
<tr>
<td><strong>Rural ITS Track Attendees</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration – Staying at the Host Hotel or local resident</td>
<td>$545</td>
<td>$695</td>
</tr>
<tr>
<td>Registration – No Host Hotel Reservation</td>
<td>$645</td>
<td>$795</td>
</tr>
<tr>
<td>One Day Monday</td>
<td>$300</td>
<td>$300</td>
</tr>
<tr>
<td>One Day Tuesday</td>
<td>$300</td>
<td>$300</td>
</tr>
<tr>
<td><strong>Non-Members</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration – Staying at Host Hotel in ITE block or local resident</td>
<td>$945</td>
<td>$1,095</td>
</tr>
<tr>
<td>Registration – No Host Hotel Reservation</td>
<td>$1,045</td>
<td>$1,195</td>
</tr>
<tr>
<td>Honorary Member</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>LeadershipITE</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>Full Time Students</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Registration – Staying at Host Hotel or local resident</td>
<td>$250</td>
<td>$350</td>
</tr>
<tr>
<td>Registration – No Host Hotel Reservation</td>
<td>$350</td>
<td>$450</td>
</tr>
<tr>
<td>One Day Member – Privately employed (indicate Monday, Tuesday, Wednesday)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Day - M / T / W – Staying at Host Hotel or Local Resident</td>
<td>$400</td>
<td></td>
</tr>
<tr>
<td>One Day - M / T / W – No Host Hotel Reservation</td>
<td>$500</td>
<td></td>
</tr>
<tr>
<td><strong>One Day Public Agency (indicate Monday, Tuesday, Wednesday)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Day - M / T / W – Staying at Host Hotel or Local resident</td>
<td>$300</td>
<td></td>
</tr>
<tr>
<td>One Day - M / T / W – No Host Hotel Reservation</td>
<td>$400</td>
<td></td>
</tr>
<tr>
<td><strong>One Day Non-Member (indicate Monday, Tuesday, Wednesday)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Day - M / T / W – Staying at Host Hotel or Local resident</td>
<td>$550</td>
<td></td>
</tr>
<tr>
<td>One Day - M / T / W – No Host Hotel Reservation</td>
<td>$650</td>
<td></td>
</tr>
<tr>
<td><strong>Workshops</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National Towards Zero Deaths Strategy: Road Map to Implementation (Sunday, July 21, 1:00 p.m.–5:00 p.m.)</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Speed Management Noteworthy Practices Roundtable (Sunday, July 21, 1:00 p.m.–5:00 p.m.)</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Ethics and Social Justice in a Transformative Time (Sunday, July 21, 2:00 p.m.–3:00 p.m.)</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td>Women in ITE Forum (Sunday, July 21, 4:00-6:00 p.m.)</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td>Every Day Counts: Saving Lives for the Decade (Wednesday, July 24, 1:00 p.m.–4:00 p.m.)</td>
<td>$10</td>
<td>$10</td>
</tr>
<tr>
<td>Attaining Objectives and Performance Based Management of Traffic Signal Programs with Automated Traffic Signals Performance Measures (Wednesday, July 24, 1:00 p.m.–4:00 p.m.)</td>
<td>$10</td>
<td>$10</td>
</tr>
<tr>
<td>State of the Art in Traffic Calming (Wednesday, July 24, 1:00 p.m.–4:00 p.m.)</td>
<td>$50</td>
<td></td>
</tr>
<tr>
<td>Use of Crowdsourcing to Advance Operations (Wednesday, July 24, 1:00 p.m.–4:00 p.m.)</td>
<td>$10</td>
<td>$10</td>
</tr>
<tr>
<td>Emerging Technologies for Micro-mobility: What Do We Know, What Do We Not Know, and What Do We Do? (Wednesday, July 24, 1:00 p.m.–5:00 p.m.)</td>
<td>$10</td>
<td>$10</td>
</tr>
<tr>
<td><strong>Technical Tours</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MoboTrex Mobility Facility Tour (Monday, July 22, 2:30 p.m.–4:30 p.m.)</td>
<td>$25</td>
<td></td>
</tr>
<tr>
<td>ADA/Bicycle Facility Walking Tour (Tuesday, July 23, 8:30 a.m.–9:30 a.m.)</td>
<td>$25</td>
<td></td>
</tr>
<tr>
<td>City of Austin TMC/Traffic Signal Lab (Tuesday, July 23, 8:30 a.m.–10:30 a.m.)</td>
<td>$25</td>
<td></td>
</tr>
<tr>
<td>Capital Metro North Operations Facility Tour (Tuesday, July 23, 1:30 p.m.–5:30 p.m.)</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td>Austin’s Rainey Street Historic District: (Wednesday, July 24, 3:30 p.m.–5:00 p.m.)</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td><strong>Individual Ticket Sales</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Welcome to Austin Opening Reception in Exhibit Hall – Adult Ticket (Sunday, July 21, 6:00 p.m.–7:30 p.m.)</td>
<td>$50</td>
<td>$50</td>
</tr>
<tr>
<td>Welcome to Austin Opening Reception in Exhibit Hall – Child Ticket (Sunday, July 21, 6:00 p.m.–7:30 p.m.)</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td>Old Boardies Dinner (by Invitation Only) (Sunday, July 21, 8:00 p.m.–9:30 p.m.)</td>
<td>$75</td>
<td>$75</td>
</tr>
<tr>
<td>Awards Lunch and LeadershipITE Graduation (Monday, July 22, 12:30 p.m.–2:15 p.m.)</td>
<td>$85</td>
<td>$85</td>
</tr>
<tr>
<td>Closing Reception at Maggie Mae’s (Tuesday, July 23, 6:30 p.m.–8:00 p.m.) – Adult Ticket</td>
<td>$50</td>
<td>$50</td>
</tr>
<tr>
<td>Closing Reception at Maggie Mae’s (Tuesday, July 23, 6:30 p.m.–8:00 p.m.) – Child Ticket</td>
<td>$25</td>
<td>$25</td>
</tr>
<tr>
<td>Exhibit Hall Only</td>
<td>$25</td>
<td></td>
</tr>
</tbody>
</table>

To register online go to www.ite.org/annualmeeting. If you have any questions related to registration, please contact Sallie Dollins at 202-464-6249 or sdollins@ite.org.
Join more than 1500 transportation professionals in Austin, TX USA this July at the Joint ITE International and Texas District Annual Meeting and Exhibit for:

- Well-crafted technical sessions focusing on critical transportation topics and trends you need to know about to be productive and successful
- In-depth workshops
- Key insights from leaders in the transportation profession
- A myriad of networking opportunities
- "Get Out and Experience" technical tours
- New events focusing on diversity and inclusion
- Family and student activities
- A showcase of products, services, and software with more than 65 exhibitors
- And much more!

Plan to arrive early and stay late to soak in everything this meeting and Austin has to offer!