

2020 Joint Highway and Safety Operations Conference

October 27-29, 2020

This year's event was made possible through cooperation of The Tennessee Department of Transportation, ITS Tennessee and The Tennessee Section Institute of Transportation Engineers

Tuesday, October 27, 2020	
9:00 AM	<p>Welcome Addresses</p> <p>Brad Freeze Director, TDOT Traffic Operations Division</p> <p>Commissioner Clay Bright Tennessee Department of Transportation</p>
9:30 AM	<p>Impacts of COVID-19 Traffic Analysis, Safety Impacts, TMC/HELP Operations, TDOT as an Organization</p> <p><i>Nathan Vatter, TDOT</i> <i>Adam Moncivaez, TDOT</i></p>
10:30 AM	<p>Traffic Operations Division Research Project Showcase</p> <p><i>Work Zone Alert Systems - Sabya Mishra</i> <i>Investigation on Wrong Way Preventive Technologies - Mihalis Golias</i> <i>Traffic Queue Prediction and Warning Systems - Lee Han</i> <i>Coordinating Data from the CRASH Predictive Analytics Program - Hiba Baroud</i></p>
10 Minute Break	
11:40 AM	<p>Local Road Safety Plan</p> <p><i>Ken Kochevar</i> <i>FHWA- California Division Office</i></p>

12:00 PM	<p align="center">Memphis Innovation Corridor <i>James Collins, Kimley Horn and Associates</i></p>
12:55 PM	<p align="center">Day One Wrap Up TSITE Announcements</p>

Wednesday, October 28, 2020

9:00 AM	<p align="center">Welcome Addresses</p> <p align="center">Nathan Vatter President, TSITE</p> <p align="center">Pamela Kordenbrock Division Administrator, Federal Highway Administration</p>
9:30 AM	<p align="center">Preview of TDOT's Highway System Access Manual <i>Jon Storey, Gresham Smith</i></p>

15 Minute Break

10:45 AM	<p align="center">Predicting Safety at the Design Stage: HSM and IHSDM <i>Peter Kaufmann, Barge Design Solutions</i></p>
11:15 AM	<p align="center">Street Smarts Engineering transportation systems that provide safety, mobility and prosperity <i>Leslie Meehan, TDOH</i></p>
12:00 PM	<p align="center">Adaptive Ramp Meter - A Probabilistic Approach <i>Himanshu Wad, Q-Free</i></p> <p align="center">Unlocking the Power of Big Data to Keep Drivers and Roadways Safe <i>Terri Johnson, INRIX</i></p> <p align="center">Utilizing Crowd Sourced Data to Gain Insights on the State of Your Roads <i>Patrick Law, Blynscy</i></p>
12:55 PM	<p align="center">Day Two Wrap Up</p>

Thursday October 29, 2020

9:00 AM	<p align="center">Welcome Addresses</p> <p align="center">Meredith Cebelak President, ITS Tennessee</p> <p align="center">Commissioner Jeff Long Department of Safety and Homeland Security</p>
9:30 AM	<p align="center">TMC Operations: Smarter. Faster. Better.</p> <p align="center"><i>Brett Sellers, ALDOT</i> <i>Carla Holmes, Gresham Smith</i></p>

15 Minute Break

10:45 AM	<p align="center">Memphis Innovation Corridor - ITS Elements of a Bus Rapid Transit System</p> <p align="center"><i>Doug Swett, Kimley Horn</i> <i>Zhiyong Guo, Kimley Horn</i></p>
11:45 PM	<p align="center">Connected Autonomous Vehicles Tennessee State of Practice</p> <p align="center">Lee Smith, TDOT</p>
12:30 PM	<p align="center">Work Zone Safety Initiatives</p> <p align="center">Jay Norris, TDOT Clay Culwell, TDOT</p>
1:00 PM	<p align="center">Day Three Wrap Up</p>