

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

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| 12:00 PM | <p><b>Memphis Innovation Corridor:<br/>Project Sponsor and Agency Coordination</b><br/><i>James Collins, Kimley Horn and Associates</i></p> |
| 12:55 PM | Day One Wrap Up   |
| 1:00 PM  | TSITE Business Meeting  |

Wednesday, October 28, 2020

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

15 Minute Break

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

Thursday October 29, 2020

|          |  |
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| 9:00 AM  | <p align="center"><b>Welcome Addresses</b></p> <p align="center">Meredith Cebelak<br/>President, ITS Tennessee</p> <p align="center">Commissioner Jeff Long<br/>Department of Safety and Homeland Security</p> |
| 9:30 AM  | <p align="center"><b>TMC Operations: Smarter. Faster. Better.</b></p> <p align="center"><i>Brett Sellers, ALDOT</i><br/><i>Carla Holmes, Gresham Smith</i></p>   |
| 10:15 AM | <p align="center"><b>ITS Asset Management: Program Management and Software</b></p> <p align="center"><i>David Sparks, WSP</i><br/><i>Brian Reed, WSP</i></p>   |

15 Minute Break

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

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