



**2020 ITS Midwest Virtual Annual Meeting**  
**Thursday, November 5, 2020**  
**Preliminary Technical Program (Times are CST)**

8:00am	<b>Welcome: Matthew Letourneau, President ITS Midwest</b>		
8:15am	<b>Keynote Speaker Amy Ford, MOD Alliance Director , Intelligent Transportation Society of America</b>		
8:45am -9:15am	<b>Exhibitor Break</b>		
Session/Track	Track A Operations and Management	Track B Connected and Autonomous Vehicle	Track C Data and Safety
<b>Session 1</b>  9:15am -10:15am	<p style="text-align: center;"><b>Innovations in Freeway Operations</b></p> <p><i>Coordinated Adaptive Ramp Metering: Insights from DOT's Currently Metering and Preparing for the Future,</i> Chris Barrow, WSP</p> <p><i>Ohio's First Hard Shoulder Running : I-670 SmartLANE,</i> John MacAdam, Ohio DOT</p>	<p style="text-align: center;"><b>Mainstreaming CAV Operations</b></p> <p><i>ITS Device Qualification Program at the Illinois Tollway,</i> Michel Lavigne, Ardmore Roderick-Illinois Tollway</p> <p><i>Opportunities and Challenges of Using CAV Deployments as a Tool to Develop and Share Infrastructure Insights,</i> Mohit Mandokhot, Transportation Research Center,</p>	<p style="text-align: center;"><b>Data Supporting Operations</b></p> <p><i>Automated Detection of Incidents Using HERE Probe Vehicle Speed Data and Machine Learning,</i> John Dillenburg, Univ. of Illinois at Chicago</p> <p><i>Enhanced Traveler Information and Arterial Monitoring Systems - Midway Airport Area,</i> Duana Love, Transmart Technologies</p>

10:15am -10:45am	<b>Exhibitor Break</b>		
<b>Session/Track</b>	<b>Track A Operations and Management</b>	<b>Track B Connected and Autonomous Vehicle</b>	<b>Track C Data and Safety</b>
<b>Session 2</b>  10:45am -11:45am	<p><b>Optimizing Technology</b></p> <p><i>Giving Our Roads A Voice,</i> Cress Clanton, Sintela</p> <p><i>Sensor Fusion and Vulnerable Road Intent,</i> Karl Jeanbart, Derq USA</p>	<p><b>Future of Connected and Automated Vehicles</b></p> <p><i>Transportation Automation Readiness,</i> Peter Rafferty, Gannett Fleming</p> <p><i>Impacts of FCC NPRM to Reallocate the 5.9 GHz Spectrum on Connected Vehicle Applications,</i> Thomas Timcho, WSP USA</p>	<p><b>COVID Impacts</b></p> <p><i>Increasing Efficiencies in Traffic Signal Operations Amid COVID-19,</i> Whitney Nottage, Q- Free</p> <p><i>CDOT: Tracking Traffic Trends in Chicago During the COVID-19 Pandemic,</i> Charles McCarthy, TransmartEJM, and John O'Neal, Chicago DOT</p>
11:45am	<b>ITS Midwest Business Meeting</b>		
12:15pm	<b>Awards and Scholarship</b>		
12:30pm	<p><b>Luncheon Speaker</b></p> <p><b>Brad Stertz, Chair of Partners for Automated Vehicle Education (PAVE) and Director of Governmental Affairs, Audi of America</b></p>		

<p>1:00pm -1:30pm</p>	<p><b>Exhibitor Break</b></p>		
<p><b>Session/Track</b></p>	<p><b>Track A Operations and Management</b></p>	<p><b>Track B Connected and Autonomous Vehicle</b></p>	<p><b>Track C Data and Safety</b></p>
<p><b>Session 3</b>  1:30pm -2:30pm</p>	<p><b>Active Roadway Safety</b>  <i>Performance of Connected Construction Zone Notification and Warning System, Timothy Seitz, TRC, Inc.</i>  <i>Illinois Tollway Wrong Way Driver Program: Multiple Strategies to Evaluate, Detect, Respond, and Prevent, Steve Mednis, Illinois Tollway</i></p>	<p><b>Smart Cities</b>  <i>Socially Responsible Connected Mobility, Jeff Adler, Kapsch</i>  <i>Broadband Expanding Smart Cities to Rural Communities, Dan Corey, AECOM</i></p>	<p><b>Data Insights</b>  <i>Vehicle on Shoulder and Crash - Correlation or Causation, Mei Chen, University of Kentucky</i>  <i>Video-as-a-Sensor Technology Drives Safer Roadways, Joel White, Bosch Security and Safety Systems</i></p>
<p>2:30pm -3:00pm</p>	<p><b>Exhibitor Break</b></p>		

Session/Track	Track A Operations and Management	Track B Connected and Autonomous Vehicle	Track C Data and Safety
<p><b>Session 4</b></p> <p>3:00pm -4:00pm</p>	<p><b>Traffic Management Centers</b></p> <p><i>Illinois Tollway Incident Data Collection, Analysis, and Management 2020 and Beyond,</i> Elyse Morgan , Illinois Tollway</p> <p><i>How Missouri DOT is Using AI and Predictive Analytics for the I-270 Reconstruction Project,</i> Ken Selvig, Waycare and Eric Kopinski, MoDOT</p>	<p><b>Commercial Vehicles &amp; Transit</b></p> <p><i>Automated Bus Consortium Program,</i> Darryl Taavola, AECOM</p> <p><i>Virtual Weigh-In-Motion with Tire Anomaly Classification System and Over Height Vehicle Detection System on the Illinois Tollway,</i> Greg Reilly, WSP</p>	<p><b>Safety Innovations</b></p> <p><i>Computer Vision: The Next Generation Sensor,</i> Dan Rossiter, Southwest Research Institute</p> <p><i>Creating a Safe &amp; Secure Multi-Vendor, Traffic Ecosystem,</i> Mike Clance, Q Free</p>
<p><b>Executive Panel</b></p> <p>4:00p -5:00pm</p>	<p>Jason Siwula, Assistant State Highway Engineer – Innovation, Kentucky Transportation Cabinet</p> <p>Howard Wood, Executive Director, Drive Ohio</p> <p>Pam Fisher, Director, Economic Development &amp; Special Initiatives Indiana Department of Transportation (Invited)</p> <p>Illinois Department of Transportation Executive TBD</p>		
<p>5:30pm -6:30pm</p>	<p><b>Social Events</b></p>		

