

Learn about more transportation innovations by visiting the [Virtual Exhibit Hall](#) on PennDOT's website.

**MORNING SESSIONS**

Session Times	November 2	November 3	November 4	November 5	November 6
9 a.m. to 9:05 a.m.	<p><b>Welcome Message</b> Yassmin Gramian, P.E. Secretary of Transportation</p>	<p><b>Welcome Message</b> Melissa Batula, P.E. Deputy Secretary for Highway Administration</p>	<p><b>Welcome Message</b> Larry Shifflet Deputy Secretary for Planning</p>	<p><b>Welcome Message</b> George McAuley, P.E. Executive Deputy Secretary of Transportation</p>	<p><b>Welcome Message</b> Jennie Granger Deputy Secretary for Multimodal Transportation</p>
9:05 a.m. to 11 a.m.	<p><b>Extending Pavement Life</b></p> <ul style="list-style-type: none"> <li>• <b>Hot Pour Mastics</b> <i>Steven Koser, P.E., PennDOT Bureau of Maintenance &amp; Operations</i></li> <li>• <b>Fiber Reinforced Polymer Patching Materials</b> <i>Kevin Gnegy, P.E., PennDOT District 9</i></li> <li>• <b>Bonded/Unbonded Concrete Overlay</b> <i>Joshua Freeman, PennDOT Bureau of Project Delivery &amp; Scott Cressman, P.E., PennDOT District 5</i></li> <li>• <b>Microsurfacing on Longitudinal Joints</b> <i>Dean Poleti, P.E., PennDOT District 11</i></li> <li>• <b>Paving Fabrics</b> <i>Michael Fleming, Dover Township, York County</i></li> </ul>	<p><b>Digital Delivery in Transportation</b></p> <ul style="list-style-type: none"> <li>• <b>Digital Delivery</b> <i>Allen Melley, P.E., PennDOT Bureau of Project Delivery</i></li> <li>• <b>Unmanned Aerial Systems</b> <i>Jason Zang, P.E., &amp; Kevin Lira, P.L.S., PennDOT District 11</i></li> <li>• <b>Virtual Field Inspections</b> <i>Francis Hanney, PennDOT District 6</i></li> <li>• <b>e-Construction/E-Ticketing</b> <i>John Myler, PennDOT District 11</i></li> <li>• <b>Augmented Reality for Transportation</b> <i>Kelly Barber, P.E., PennDOT Bureau of Project Delivery</i></li> <li>• <b>Virtual Inspection Goggles/Phased Array</b> <i>Nicholas Shrawder, PennDOT Bureau of Project Delivery</i></li> <li>• <b>Virtual Asphalt Acceptance Testing</b> <i>Mark Gallardo, PennDOT District 11</i></li> </ul>	<p><b>Winter Services Innovations</b></p> <ul style="list-style-type: none"> <li>• <b>Salt Brine Best Practices</b> <i>William Davenport, PennDOT Bureau of Maintenance &amp; Operations, Michael Mattis, PennDOT District 10 &amp; Jason Powell, PennDOT District 2</i></li> <li>• <b>Winter Fleet Preparation</b> <i>Todd Homan, PennDOT District 9</i></li> <li>• <b>Local Government Winter Maintenance Best Practices</b> <i>Sam Gregory, PennDOT Local Technical Assistance Program</i></li> </ul>	<p><b>Innovative Pavement &amp; Bridge Techniques</b></p> <ul style="list-style-type: none"> <li>• <b>Cement Slurry for Full Depth Reclamation</b> <i>James Casilio, P.E., Pennsylvania Aggregates &amp; Concrete Association</i></li> <li>• <b>Folded Plate Tub Girder</b> <i>Bradley D. Elder, P.E., Mercer County Bridge Department</i></li> <li>• <b>Stone Matrix/Partially Grouted Rip-Rap</b> <i>Mittal Patel, P.E., PennDOT District 6 &amp; Nicholas Vivian, P.E., PennDOT Bureau of Project Delivery</i></li> <li>• <b>Shaler Street Bridge Self-Propelled Modular Transporter Move</b> <i>Shane Szalankiewicz, P.E., PennDOT District 11 &amp; Matthew Cochran, P.E., HW Lochner</i></li> <li>• <b>Roller Compacted Concrete</b> <i>Len Kubitzka, PennDOT District 12</i></li> </ul>	<p><b>Multimodal Planning</b></p> <ul style="list-style-type: none"> <li>• <b>Unmanned Aerial Systems – Instruction &amp; Safety</b> <i>Anthony McCloskey, P.E., PennDOT Bureau of Aviation</i></li> <li>• <b>Statewide Transit Technology Investment in Public Transportation</b> <i>Danielle Spila, PennDOT Bureau of Public Transportation</i></li> <li>• <b>Pennsylvania Active Transportation Plan</b> <i>Roy Gothie, PennDOT Multimodal Transportation Deputate</i></li> </ul>

**AFTERNOON SESSIONS**

1 p.m. to 3 p.m.	<p><b>Preserving Bridges, Managing Assets</b></p> <ul style="list-style-type: none"> <li>• <b>Flex Beam &amp; Bridge Link Slab Pilot Projects</b> <i>Mark Nicholson, P.E., PennDOT District 1</i></li> <li>• <b>Bridge Evaluation &amp; Accelerated Structural Testing (The BEAST) Lab</b> <i>Sougata Roy, Ph.D. &amp; John Braley, Ph.D., Rutgers University</i></li> <li>• <b>District-Local Bridge Inspection Contracts</b> <i>Keith Cornelius, P.E., PennDOT District 11 &amp; Stephen Shanley, P.E., Allegheny County, Department of Public Works</i></li> <li>• <b>Polyester Polymer Concrete Overlay</b> <i>Alberto Medina, PennDOT Materials Testing Lab</i></li> <li>• <b>Geosynthetic Reinforced Soil Abutment Standards - "Lessons Learned from Incident in District 2, McKean County"</b> <i>Kristin Langer, P.E., PennDOT Bureau of Project Delivery</i></li> </ul>	<p><b>Innovative Traffic Management</b></p> <ul style="list-style-type: none"> <li>• <b>Remote/Portable Intelligent Transportation System Camera</b> <i>Matthew Clouser, P.E., PennDOT District 8</i></li> <li>• <b>Unified Command &amp; Control</b> <i>Kevin Lewis, P.E. &amp; Ted Lucas, PennDOT District 6</i></li> <li>• <b>Smarter Work Zones</b> <i>Brian Crossley, PennDOT Bureau of Maintenance &amp; Operations</i></li> <li>• <b>New Applications for Traffic Management &amp; Transportation Systems Management &amp; Operations (TSMO) Performance Reporting</b> <i>Ryan McNary, PennDOT Bureau of Maintenance &amp; Operations</i></li> </ul>	<p><b>Innovative Equipment, Smart Upgrades</b></p> <ul style="list-style-type: none"> <li>• <b>Dump Truck Specifications &amp; Innovations</b> <i>James Flohr, PennDOT Bureau of Maintenance &amp; Operations</i></li> <li>• <b>Partnership with SCI-Forest for Refurbishing Equipment</b> <i>Michael Martin, PennDOT Bureau of Maintenance &amp; Operations, Khelleh Konteh &amp; Richard Gaul, Pennsylvania Department of Corrections</i></li> <li>• <b>Life-Cycle Replacement Tool</b> <i>Justin Mickey &amp; Jessica Shughart, PennDOT Bureau of Maintenance &amp; Operations</i></li> <li>• <b>Keeping the Lights On: Maintenance Innovations During COVID-19 Pandemic</b> <i>Ryan Medvitz, P.E., PennDOT District 12</i> <i>Kenneth Bair, PennDOT District 3 &amp; Jason Dailey, Cranberry Township, Butler County</i></li> </ul>	<p><b>Innovative Intersections</b></p> <ul style="list-style-type: none"> <li>• <b>Roundabouts</b> <i>Jeffrey Bucher, P.E., PennDOT Bureau of Project Delivery</i></li> <li>• <b>Berks County Hybrid Roundabout Project</b> <i>David Rostron, P.E., PennDOT District 5</i></li> <li>• <b>Montour County Displaced Left Turns Project</b> <i>Joseph Lyons, P.E., PennDOT District 3 &amp; Kevin James, P.E., Michael Baker International</i></li> <li>• <b>Berks County Diverging Diamond Interchanges Project</b> <i>David Rostron, P.E., PennDOT District 5, Timothy Benner, P.E., McTish, Kunkel &amp; Associates, &amp; Emily Hoffman, P.E., McCormick Taylor</i></li> </ul>	<p><b>Safer Transportation</b></p> <ul style="list-style-type: none"> <li>• <b>Highway Safety Plans for Local Government</b> <i>Michael Castellano, P.E., Pennoni &amp; Tiffany Wells, City of Bethlehem, Department of Public Works</i></li> <li>• <b>Highway Safety Screening Network</b> <i>Jeffrey Roecker, PennDOT Bureau of Maintenance &amp; Operations</i></li> <li>• <b>TSMO OneMap, Geographic Information Systems Tools &amp; Pennsylvania Crash Information Tool</b> <i>Pierce Sube &amp; Jeffrey Roecker, PennDOT Bureau of Maintenance &amp; Operations</i></li> <li>• <b>Sequential Lighting Chevrons</b> <i>Brian Smith, P.E., PennDOT District 1</i></li> </ul>
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