

# Maryland Connected & Automated Vehicles Working Group

August 27, 2024

TIME: 9:30am – 12:30pm

**In Person:** National Federation of the Blind, Utah Auditorium, 200 E Wells Street, Baltimore

If you plan to attend this in-person meeting, then you must register at this link: <https://forms.office.com/g/zmzB3ETTr6>

ALL must register to track for max capacity in the facility. Confirmation of your registration will be emailed separately and is on first-come basis with allowances for inclusion of as many organizations as possible.

AGENDA	
8:45 am	<b>Pre-Meeting: Walking &amp; Demo Tour of National Federation of the Blind (two 15-min tours) (only open to those pre-registered for tour)</b>
9:30 am	<b>Welcome &amp; Opening Remarks</b> <ul style="list-style-type: none"><li>• <b>Administrator Chrissy Nizer</b>, Maryland Department of Transportation Motor Vehicle Administration (MVA), Chair</li><li>• <b>Mark A. Riccobono</b>, President, National Federation of the Blind Jernigan Institute</li><li>• <b>Administrator Will Pines</b>, Maryland Department of Transportation State Highway Administration (SHA)</li></ul>
9:45 am	<b>Next Generation of the Manual on Uniform Traffic Control Devices (MUTCD): Preparing for Automated Vehicles</b> <ul style="list-style-type: none"><li>• <b>Minseok Kim</b>, Team Leader, Traffic Engineering Research and ITS Team, Office of Traffic Safety, SHA</li><li>• <b>Roxane Y. Mukai</b>, Operations Engineer, Maryland Transportation Authority</li><li>• <b>Amanda Hamm</b>, Senior Regulatory Counsel, Nuro</li></ul> Moderator: <b>Will Pines</b> , Administrator, SHA
10:35 am	<b>Lightning Round Updates – Companies filing Expression of Interest for MD CAV</b> <p>Expressions of Interest (EOI) are submitted from entities interested in research, testing and implementation of CAV in Maryland; process and an online form can be found under <i>Collaboration with Industry</i> at <a href="http://cav.mdot.maryland.gov">cav.mdot.maryland.gov</a> Each company will provide a brief update to focus on active or pending plans on CAV in Maryland, including partnership opportunities. (see page 4 for details of companies)</p> <ul style="list-style-type: none"><li>• <b>Dustin Earle</b>, Vice President, Glydways</li><li>• <b>Clayton Ganziano</b>, SLED Manager, Spirent Communications</li></ul>
10:45 am	<b>Short Break</b>
11:00 am	<b>Say Hi to Waymo!</b> <p>Waymo now provides more than 50,000 public ride-hailed rides per week in its markets. How is Waymo tackling the challenge of building the world's most trusted driver? How does Waymo work with state and local government leaders and what are states doing to pave the way for automated vehicle deployment.</p> <p><b>Matt Walsh</b>, East Coast Government Relations, Waymo <b>Ben Blink</b>, State Public Policy, Waymo</p>
11:45 am	<b>Announcements &amp; Questions</b>

11:55 am	<b>Adjourn</b>	
	<ul style="list-style-type: none"> <li>• Next meeting in December 2024</li> </ul>	
11:55 am – 12:30 pm	<b>Networking / Demonstrations / Showcase (in Members Hall)</b> <ul style="list-style-type: none"> <li>• Nuro: Experience model Nuro freight delivery vehicles</li> <li>• Spirent: Showcase of communications interoperability</li> </ul>	<b>Walking &amp; Demo Tour of National Federation of the Blind (two 15-min tours) (only open to those pre-registered for tour)</b> <ul style="list-style-type: none"> <li>• Experience sensory vehicles and interactive displays</li> </ul>
12:30 pm – 12:55 pm	<b>Post-meeting: Walking &amp; Demo Tour of National Federation of the Blind (one comprehensive tour of NFB) (only open to those pre-registered for tour)</b>	

**Questions?**

Email: [CAVMaryland@mdot.maryland.gov](mailto:CAVMaryland@mdot.maryland.gov)

**SPEAKERS:**



**Ben Blink**

State Policy Manager  
Waymo  
Phoenix, Arizona  
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[linkedin.com/in/benblink](https://www.linkedin.com/in/benblink)

*Ben Blink is a State Policy Manager at Waymo where he works to advance policies and rules that enable the safe testing and deployment of automated*

*vehicles. Prior to Waymo, Ben served as policy advisor to Arizona Governor Doug Ducey for transportation, technology, and economic affairs. During Ben’s tenure, Governor Ducey issued two executive orders and signed precedent-setting legislation that enabled the deployment of automated vehicles in Arizona. Today, the metro-Phoenix area is the largest fully autonomous vehicle service area in the United States. Prior to his time in Government, Ben spent five years working on the business and public policy teams at Google Inc., in their offices in Ann Arbor, Michigan and Washington DC. Ben received his Bachelor of Arts from Carleton College and a master’s in public policy at Harvard’s Kennedy School of Government, where he served as a Dukakis Fellow in the Alabama Governor’s Office. He lives in Phoenix.*



**Amanda Hamm**

Senior Regulatory Counsel  
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*Amanda Hamm is Senior Regulatory Counsel at Nuro, a company that designs, manufactures, and operates electric, autonomous delivery vehicles. As part of her work, Ms. Hamm provides guidance to the perception, autonomy, and hardware*

*teams regarding international, federal, state, and local laws pertaining to business licensing, vehicle design, and vehicle operations. Prior to working at Nuro, Ms. Hamm worked as a Senior Policy Analyst in the Virginia Department of Motor Vehicles Legislative Services Division and then as the Connected and Automated Vehicle Program Manager at the Virginia Department of Transportation. Ms. Hamm is a bar certified attorney in good standing with the Virginia Bar Association and has her J.D. from William and Mary Law School.*



### **Minseok Kim**

Team Leader  
Traffic Engineering Research and ITS Team  
Office of Traffic Safety  
Maryland Department of Transportation  
State Highway Administration  
[mkim@mdot.maryland.gov](mailto:mkim@mdot.maryland.gov)

*Minseok Kim is the Team Leader of the Traffic Engineering Research and ITS Team at the OOTS Traffic Development and Support Division (TSDS). He has over 16 years of experience and has managed a variety of projects involving traffic engineering analyses, guidelines on traffic control devices, and research. Minseok earned a Bachelor's degree in Transportation Engineering from Ajou University in South Korea and has a Master of Science in Civil Engineering from University of Maryland at College Park. He is also a licensed Professional Engineer in Maryland.*



### **Roxane Y. Mukai**

Operations Engineer  
Maryland Transportation Authority  
Baltimore, Maryland  
[rmukai@mdot.state.md.us](mailto:rmukai@mdot.state.md.us)

*Roxane Mukai is the Operations Engineer for the Maryland Transportation Authority (MDTA) which is responsible for constructing, managing, operating, and improving Maryland's toll facilities. The Maryland Transportation Authority Police is a nationally accredited Police agency responsible for law enforcement at the MDTA's toll facilities, the Baltimore Washington International Airport and the Port of Baltimore. Roxane currently has the privilege of serving as the Authority's Connected and Automated Vehicle (CAV) liaison, as the civilian coordinator for the Maryland Connected and Automated Vehicles Working Group, Emergency Responder Sub-Group and is the incoming Chair of the National Committee on Uniform Traffic Control Devices, Connected and Automated Vehicles Joint Task Force.*



### **William Pines**

Administrator  
Maryland Department of Transportation  
State Highway Administration  
Baltimore, Maryland

*Will serves the Maryland State Highway Administrator. He is responsible for leading a nearly 3,000 person team of transportation professionals across 26 offices, 7 Districts, and 28 maintenance shops, which own, operate, and maintain more than 5,200 miles or approximately 17,178+ lane miles of non-toll roads and 2,500+ bridges across the State. He is focused on advancing statewide safety, leveraging every federal dollar, promoting organizational efficiency, and collaborating with partners. Will has served Maryland for nearly 19 years, working his way up from SHA intern to Administrator. Prior to returning to SHA, he served in various leadership roles at the MDTA, including Executive Director, Chief Operating Officer, and Chief Engineer. Will holds several professional credentials, including being a licensed professional engineering, a project management professional, a certified construction manager, and a certified customer experience professional. He is a graduate of the AASHTO National Transportation Leadership Institute and was selected by the Design Build Institute of America for the 2020 Distinguished Leadership Award and the ACEC Maryland 2023 President's Award. He earned his B.S. in Civil Engineering from the University of Maryland College Park and M.S. in Management from the University of Maryland Global Campus.*



**Matt Walsh**

East Coast Governmental Relations  
Waymo  
New York, New York



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*Matt Walsh serves as State Policy Manager at Waymo where since 2023, he has been responsible for leading Waymo’s state legislative and regulatory priorities across the eastern US.*

*Matt joined Waymo after serving as Government Relations Lead for the Northeast at Accenture where he was responsible for managing Accenture’s regulatory objectives at the state and local level as well as supporting their health & public service sales division. Previously, Matt served as Vice President at CMW Strategies, a lobbying firm based in New York City, where he was responsible for leading legislative and regulatory lobbying efforts across the firm focusing on a range of corporate, transportation, and technology clientele.*

*Prior to joining the private sector, Matt held several senior roles in both state and local government in New York including the State Assembly, New York City Department of Transportation, and the NYC Law Department. Matt received his Juris Doctor from New York Law School and completed his undergraduate studies at SUNY Albany. He lives in New Jersey with his wife Colette and their two children Camille and Matthew.*

**Lightning Round Updates - Companies filing Expression of Interest for MD CAV**

Company	Contact	Brief Description
<p><b>Glydways</b></p>  <p><a href="http://www.glydways.com">http://www.glydways.com</a></p>	<p><b>Dustin James Earle</b> Vice President, Business Development Glydways, Inc. - North America (310) 678-5757 <a href="mailto:dustin@glydways.com">dustin@glydways.com</a> 2268 Westborough Blvd, Suite 302, #235 South San Francisco, CA 94080-54</p>	<p>We'd like to discuss potential opportunities for Glydways in Maryland. Glydways is building an automated public transit system that uses purpose-built automated electric vehicles to provide on-demand rides on a dedicated guideway. Our small vehicle size and relatively light infrastructure allow for a cost-effective solution ideal for communities seeking new transit systems or multi-modal transit system connectors. We have been awarded three contracts by transportation authorities in the past year and are expanding to other communities across the country.</p>
<p><b>Spirent Communications</b></p>  <p><a href="https://www.spirent.com/">https://www.spirent.com/</a></p>	<p><b>Clayton Ganziano</b> SLED Manager <a href="mailto:clayton.ganziano@spirent.com">clayton.ganziano@spirent.com</a> 800 Klein Rd Ste 100 Plano, TX 75074</p>	<p>Our solutions simulate real-life conditions in the lab so you can confidently verify device and network interoperability, standards compliance, performance, security, and reliability - accelerating time to market and evolving with your testing needs.</p>