

Maryland Connected & Automated (CAV) Working Group

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Workshop: **Using CAV Tech to Enhance Safety for Vulnerable Road Users (VRUs)**

Monday, June 5, 2023 – 11:00am to 12:15pm

Virtual on Teams: [Click here to join the meeting](#); Meeting ID: 229 137 794 412; Passcode: BUhU6V

Agenda

Welcome (5 minutes)	Chrissy Nizer, Administrator Maryland Department of Transportation Motor Vehicle Administration Chair, <i>Maryland Connected & Automated Vehicles Working Group</i>
Brief Talk: USDOT forging new path in VRU safety (10 minutes)	Brian Cronin, Director Office of Safety and Operations Research and Development Federal Highway Administration United States Department of Transportation brian.cronin@dot.gov
Recap: Panel Discussion from 4/17/23 meeting (5 minutes)	Nanette Schieke, CAV Program Manager Office of Policy & Innovation Maryland Department of Transportation Motor Vehicle Administration nschieke@mdot.maryland.gov
Brief Talk: MDOT SHA CV Project MD214 @ Addison Road Metro (5 minutes)	Warren Henry, Assistant Division Chief Office of Transportation Mobility, Mobility Planning & Engineering Division Maryland Department of Transportation State Highway Administration whenry@mdot.maryland.gov
Discussion / Q&A (30 minutes)	Interactive Questions to encourage discussion will be on engaging stakeholders, technology readiness, and Maryland-specific preparations: <ul style="list-style-type: none">• What are the most important use cases / scenarios / problem types for VRUs in Maryland that CAV tech could be tapped for consideration to enhance safety?• What CAV tech could be tested and/or deployed for these type of use cases?• How are we / should we be capturing stakeholder input from vulnerable road users –especially those outside the vehicle like pedestrians, bicyclists, emergency responders, work zone workers – to help understand their needs?• What barriers exist at MDOT / at local governments / with industry to test or deploy CAV technology for enhancing VRU safety?<ul style="list-style-type: none">○ Funding○ Knowledge of technology possibilities○ Understanding of the communication standards or rules-of-engagement that effect use of the CAV technology○ Location accuracy, latency, cybersecurity of CAV technology○ Understanding of “equipment” needed by VRUs to be recognized by motor vehicles○ Knowledge of in-vehicle equipment and roadside equipment necessary to detect VRUs○ Ideas for appropriate VRU scenarios/situations appropriate for CAV tech tools○ Other• What can the Maryland CAV Workgroup do to support the development of CAV tech for vulnerable road users?
Closing (2 minutes)	Info from this meeting to be posted at https://cav.mdot.maryland.gov/