MARYLAND CONNECTED & AUTOMATED VEHICLES WORKING GROUP

Agenda

Welcome!

Meeting begins at 10:00 am

Wifi Login:

Password:

cav.mdot.maryland.gov

Chrissy Nizer

Administrator

Maryland Department of Transportation

Motor Vehicle Administration

Governor's Highway Safety Representative

Co-Chair of the Maryland Connected & Automated Vehicles Working Group

MARYLAND DEPARTMENT OF TRANSPORTATION

CAV UPDATES

- Number of entities submitting an **Expression of Interest** to do research, testing, and implementation of CAV in Maryland
  - Two (2) additional since last CAV WG Meeting in April 2023
  - Total of Fifty-one (51) since inception of process in June 2017

- Morgan State University Partners with Carnegie Mellon University to Establish "Safety21" University Transportation Center Focused on Improving Transportation and Associated Technologies - https://www.morgan.edu/news/safety21-grant

- CAV team is represented on many **regional and national groups** focusing on these issues. The team participated in many forums over the last several months to bring home research and best practices that align with Maryland's priorities, including:

  - Transportation Research Board
  - Eastern Transportation Coalition
  - AAMVA
  - ITS America
  - National Judicial College
  - AASHTO

CAV SUBGROUP UPDATES

Policy Subgroup

- JHU Institute for Assured Autonomy led discussion at recent meeting on research using the *Olli AV shuttles* as a proving ground to learn about data, security and communications, and on their three-pillar vision for Technology, Ethics and Governance, and Ecosystem.

Emergency Responders Subgroup

- MD CAV fire community was mentioned recently by a panelist at the Congressional House Committee on Energy and Commerce at the July 26 *Innovation, Data and Commerce Subcommittee* Legislative Hearing on "*Self Driving Vehicle Legislative Framework*" – when they called out the contribution of Maryland to the UL 4600.

- Working on the latest update to the MD CAV Emergency Response Plan (version 3) and meets again in the Fall.

Freight Subgroup

- September 28th meeting to include *Gatik* on opportunities for middle mile freight deliveries and Richard Bishop on CAV & freight national activities.

- Meeting will also serve as follow-up to Aug 29th full Working Group for deep dive into practical considerations for work in Maryland and determining the next steps to get us there.

Tech Subgroup

- A recent tour of Maryland Innovation Center in Howard County highlighted a tremendous amount of specialty services available for all fledgling tech businesses and entrepreneurs throughout Maryland.

- The Subgroup also heard about CAV Big Data considerations by the University of Maryland's Center for Advanced Transportation Technology (UMD-CATT) and a virtual demonstration of automated shuttles by Johns Hopkins University Applied Physics Laboratory (JHU APL).

- Continuing its work to develop CAV technology one-pagers to foster awareness of technologies already tested or deployed in Maryland and states across the U.S. for awareness of local partners in considering to pilot some of these technologies within their jurisdictions.

RESOURCES ON GRANT OPPORTUNITIES

- USDOT released NOFO for the SMART grant – *Strengthening Mobility and Revolutionizing Transportation*

  - ***CAV Stakeholders take note:*** eligible projects for the SMART grant include coordinated automation, connected vehicles, ITS, delivery/logistics, innovative aviation, smart grid, and traffic signalization

  - The full NOFO, along with other pertinent info can be found on the **SMART Grants Program website** **https://www.transportation.gov/grants/smart/fy23-smart-stage-1-notice-funding-opportunity-nofo**

- The **Build America Center (BAC) at University of Maryland** has tailored technical assistance to local governments, municipalities, non-profits, universities, and communities – at no cost – to include funding strategy; program analysis; application planning, development, and review; project identification & scoping; and data analysis

- Find monthly **newsletters,** along with **resources** on how to apply and tips for writing grants at **mdot.maryland.gov/IIJAGrants**

- Stay up to date on grants **MDOT** has applied and/or been awarded at **mdot.maryland.gov/Grants**

CLOSING AND ADJOURN

Next meeting in late 2023

cav.mdot.maryland.gov

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION