MDOT MOTOR VEHICLE ADMINISTRATION

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Administrator

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Motor Vehicle Administration

Governor's Highway Safety Representative

Co-Chair of the Maryland Connected &

Automated Vehicles Working Group





MARYLAND CAV UPDATES

- Connected Vehicle Technology tons of activity
- Maryland awarded 3 SMART grants

cav.mdot.maryland.gov



COLLABORATION WITH INDUSTRY



Find industry partners on the Maryland CAV webpage

@ https://cav.mdot.maryland.gov/collaboration-with-industry/



SHARE THE MD CAV FLYER WITH YOUR COLLEAGUES AND CUSTOMERS

New CAV Flyer @ https://cav.mdot. maryland.gov/CAV -Flyer



WHAT IS CAV TECHNOLOGY?

Connected and Automated Vehicles (CAV) could change all aspects of mobility-from the way we commute to how we plan and develop infrastructure for future cities and towns.

CAV includes all levels of automotive technology. Lower-level driver assist technologies with sensors and cameras to identify possible risks are on many vehicles today. These features make driving safer, help save lives, and prevent injuries. When used properly, they prevent 40% of crashes!

CAV also includes higher levels of automation that are being tested in many areas to gain experience and anticipate future needs. Pilot programs are an excellent opportunity to build experience with next-generation technology, new partners, and future operational scenarios. Careful real-world testing and early deployments are important to improving CAV performance and allowing them to reach their full performance potential.





Safety: reduced traffic crashes and deaths with 360-degree vision and CV/AV redundancies



Efficiencies & Convenience: conveniency & consistency for reduced congestion & increased lane capacity; less time in traffic means more time for work and family



Clean Air: lower carbon emissions with reduced congestion, fuel



Mobility: increased options & last-mile solutions for seniors, people with disabilities and under served communities; supplement public transit



Improved Land Use: efficiencies for curb space and reduction in parking space



Cost savings for government: costs of congestion and crashes



Cost savings for consumers: reduced insurance costs, reduced running costs, and parking



MARYLAND CAV UPDATES

- National AV Day May 31st Look for social media toolkit early May; can be used by all Maryland CAV members
- PAVE Essay Contest Look for winners to be announced early May

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