

CAV EMERGENCY
RESPONDER SUBGROUP
RECOMMENDATIONS

EMERGENCY RESPONDER SUBGROUP

- ◆ Created in January 2019
- ◆ Comprised of personnel representing operational specialties such as Police, Fire/Rescue/EMS, and Highway Safety Service Patrols
- ◆ Purpose is to address concerns of Emergency Responders and their interaction with ADS equipped and fully Autonomous vehicles
- ◆ Develop recommendations to the State Working Group to address these concerns

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- ◆ First meeting was February 2019
- ◆ May 2019 – Conference call with Chief Dwiggins Chandler AZ Fire Dept.
Asst. Chief Zadilla Chandler AZ Police Dept.
Both assisted in the development of the Waymo Emergency Response guide
- ◆ October 2019 – Conference Call with Staff Sergeant Terence McDonnell
New York State Police Traffic Safety Section
AAMVA Autonomous Vehicle Working Group
- ◆ February 2020 – ER Recommendations finalized

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RECOMMENDATION HIGHLIGHTS

Consistent with:

- ◆ National Cooperative Highway Research Program (NCHRP) *Implications of Connected and Automated Driving Systems Volume 4: Autonomous Vehicle Action Plan*;
- ◆ U.S. DOT *Automated Vehicles 3.0-Preparing for The Future of Transportation*, and
- ◆ American Association of Motor Vehicle Administrators (AAMVA) *Jurisdictional Guidelines for the Safe Testing and Deployment of Highly Automated Vehicles*.

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RECOMMENDATION HIGHLIGHTS

- ◆ Testing Entity must provide an Emergency Response Plan which will be reviewed and approved as part of the permitting process.
- ◆ Plan will delineate procedures to;
 - ◆ Disable vehicle
 - ◆ Remove the vehicle from the roadway
 - ◆ Safely secure the vehicle for rescue
 - ◆ Special firefighting needs
- ◆ The manufacturer or testing entity will provide specific guidance, knowledge sharing and coordination of educational materials for emergency responders with jurisdiction in the area where the vehicle will be permitted to operate.

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RECOMMENDATION HIGHLIGHTS

Prior to issuing a permit that authorizes a vehicle to operate on public roadways without a Safety Operator, Verification the vehicle will;

- ◆ Yield to and stop for emergency vehicles in appropriate situations
- ◆ Recognize and react appropriately to work/construction zone traffic control
- ◆ Respond appropriately to manual traffic direction and detours