

GOVERNOR DOUGLAS A. DUCEY

STATE OF ARIZONA

★

EXECUTIVE ORDER

Executive Order 2018-09

Establishment of the Institute of Automated Mobility (IAM)

WHEREAS, Arizona has been a pioneer in the creation of safety protocols, procedures, and policies that improve mobility through automated vehicle testing on Arizona roads;

WHEREAS, automated, connected and driver-assist technologies will transform the world's transportation systems and innovative technology will continue to require the evolution of consistent safety standards, policies and technology neutral solutions;

WHEREAS, the State continues to require that any entity testing or operating vehicles equipped with an automated driving system is in full compliance with all the applicable traffic and motor vehicle safety, insurance, accident reporting, titling and registration laws and regulations of both the Federal Government and the State of Arizona;

WHEREAS, automated mobility technology continues to advance and mature and it is essential to provide opportunities for public and private entities to collaborate on the current and future regulatory and infrastructure needs to continue the successful integration of automated mobility technology into the transportation system;

WHEREAS, the public and private collaboration should include multiple opportunities to research and develop, test, study, build, share, adjust, and invent new infrastructure and policy for automated vehicle technology that can be applied to all forms of transportation;

WHEREAS, Arizona has a world-renowned public university system and is home to many global technology companies leading the way in automated mobility research and development; and

WHEREAS, Arizona is uniquely positioned with experience, human talent and unrivaled infrastructure to develop public policy recommendations and solutions that will integrate automated mobility technology into the world's transportation system.

NOW, THEREFORE, I, Douglas A. Ducey, Governor of the State of Arizona, by virtue of the authority vested in me by the Constitution and laws of the State of Arizona, hereby order as follows:

1. Establish the Institute of Automated Mobility (IAM) to bring together global companies and the brightest minds at Arizona's Universities with partners from the private and public sectors. The IAM provides facilities to test automated vehicle technology for all modes of transportation and develop the

necessary policies and guidelines for the safety and security platforms that will be needed to fully implement the advancing technology.

- a. The IAM will consist of the following Leadership Team
 - i. Representative of the Governor's Office;
 - ii. President and CEO of the Arizona Commerce Authority;
 - iii. Director of the Arizona Department of Transportation or a designee;
 - iv. Director of the Department of Public Safety or a designee;
 - v. Governor's Advisor for Science and Technology
 - vi. No less than one representative of private sector company researching and/or testing autonomous vehicles in the State of Arizona; and
 - vii. The President, or their representative, of each participating Arizona University.
 - b. The IAM will be part of the Arizona Commerce Authority, led by the Governor's Advisor for Science and Technology, and will include:
 - i. Several miles of roads with traffic infrastructure that is technology neutral;
 - ii. Testing tracks with intersections, signage, traffic signals and multiple route configurations;
 - iii. Simulation Lab providing multiple scenarios for a real vehicle in a virtual world;
 - iv. Traffic Incident Management (TIM) that integrates law enforcement and first responders with autonomous mobility technology and infrastructure unique in the U.S.; and
 - v. Garage, storage, refueling and recharging stations.
 - c. The IAM will provide research and development to assist the State and the nation in designing and advancing consistent guidelines, as well as recommendations on infrastructure requirements to accommodate the changing technology of transportation and automated mobility technology.
 - i. Research and testing will include, but not be limited to:
 1. Multiple crash scenarios and situations;
 2. Weather and roadway conditions;
 3. Multiple driving environments; and
 4. Emergency and/or accident scenarios.
2. The Arizona Department of Transportation, Arizona Commerce Authority, and the Arizona Department of Public Safety, and all other agencies of the State of Arizona with pertinent regulatory jurisdiction shall coordinate with the IAM to develop public policy recommendations to update and modernize Arizona laws that govern the operation of automated, connected and driver assist vehicles and provide policy recommendations.
 3. The Arizona Department of Transportation, Arizona Commerce Authority, and the Arizona Department of Public Safety shall coordinate with the IAM to complete a review and provide a report of applicable regulations describing which provisions may no longer be necessary for, are inapplicable to, or should be updated, with regard to their application to automated, connected, and driver assist vehicles.

IN WITNESS WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of Arizona.

Douglas R. Ducey
GOVERNOR

DONE at the Capitol in Phoenix on this eleventh day of October in the Year Two Thousand Eighteen and of the Independence of the United States of America the Two Hundred and Forty-Third.

ATTEST:

Michelle Reagan

Secretary of State

