

AUTOMATED VEHICLES IN MINNESOTA

MONTANA LEGISLATURE'S TRANSPORTATION
INTERIM COMMITTEE

JULY 8, 2026

POTENTIAL BENEFITS OF AVS

WHY IS AV TECH IMPORTANT TO MINNESOTA?

Automated Vehicles are the future of transportation. Vehicles with some level of automated technology are currently being driven on Minnesota roadways and highly automated vehicles are currently being tested in Minnesota and deployed in other states. These technologies have the potential to benefit Minnesotans in several ways.

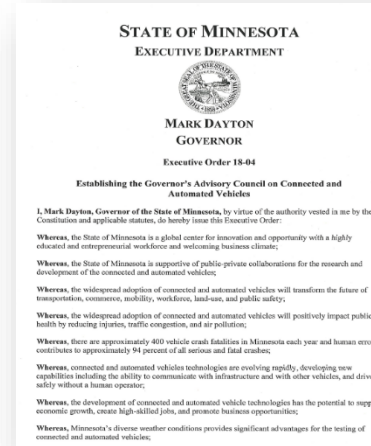
Automated Vehicles have the potential to:

-  **Increase safety on our roads and highways**
-  **Provide greater mobility, accessibility and equity by reducing transportation barriers**
-  **Drive economic growth**
-  **Place Minnesota at the forefront of innovation and technological advancement**



MN CAV PROGRAM HISTORY

8+ YEARS OLD WITH DECADES OF ITS EXPERIENCE



November
2017
Florida AV
Summit

December
2017
Winter Testing

January 2018
Public Demos
& Engagement

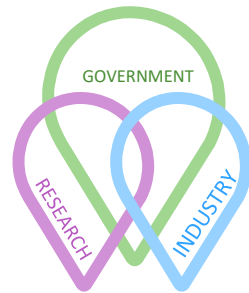
March 2018
CAV Executive
Order

April 2018
Advisory
Council, CAV
Office & I-CAV
Formed

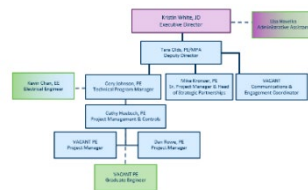
CAV IN MINNESOTA



Governor's Advisory Council



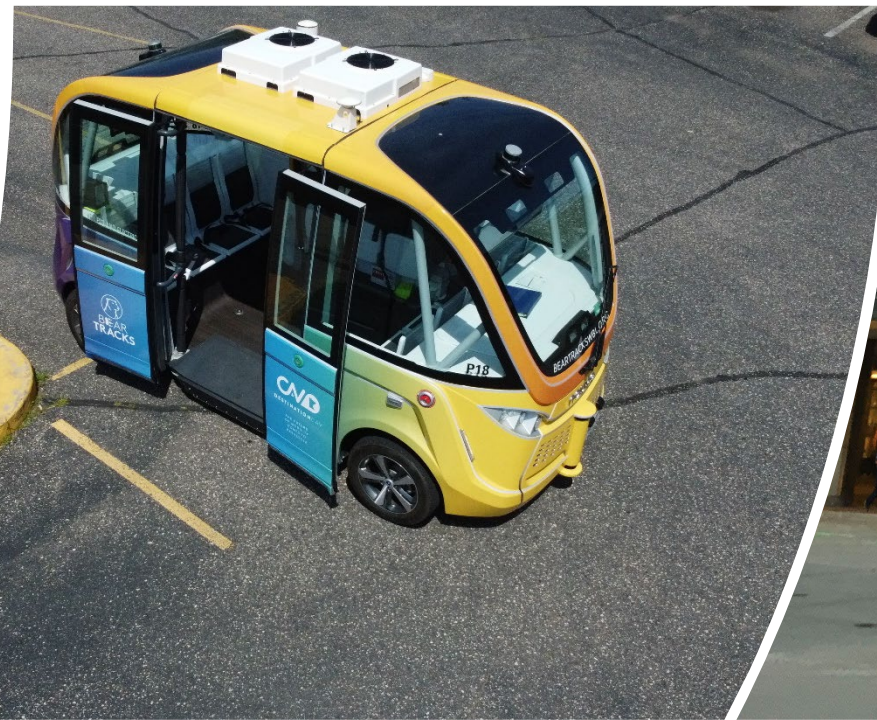
Innovation Alliance



MnDOT CAV Team

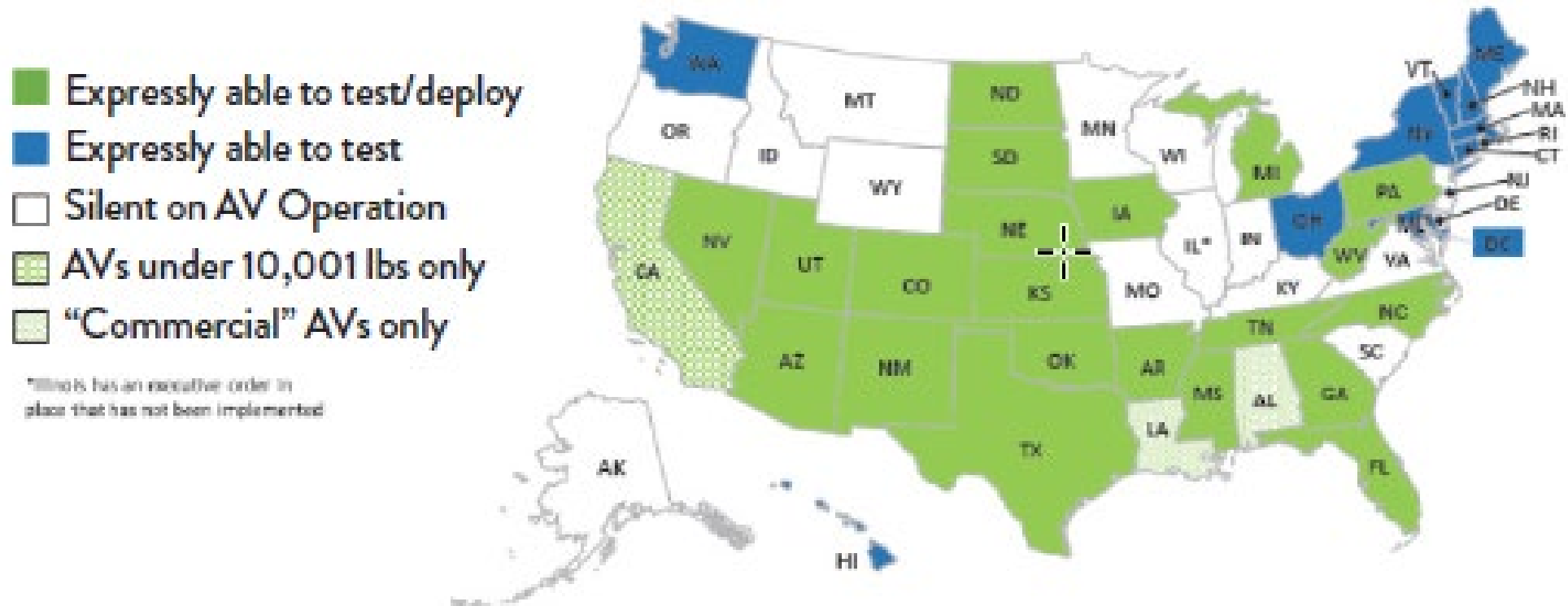


AUTOMATED VEHICLE DEMONSTRATION PROJECTS IN MINNESOTA



AUTOMATED VEHICLE POLICY

Minnesota is **1 of 16 states** without automated vehicle policy



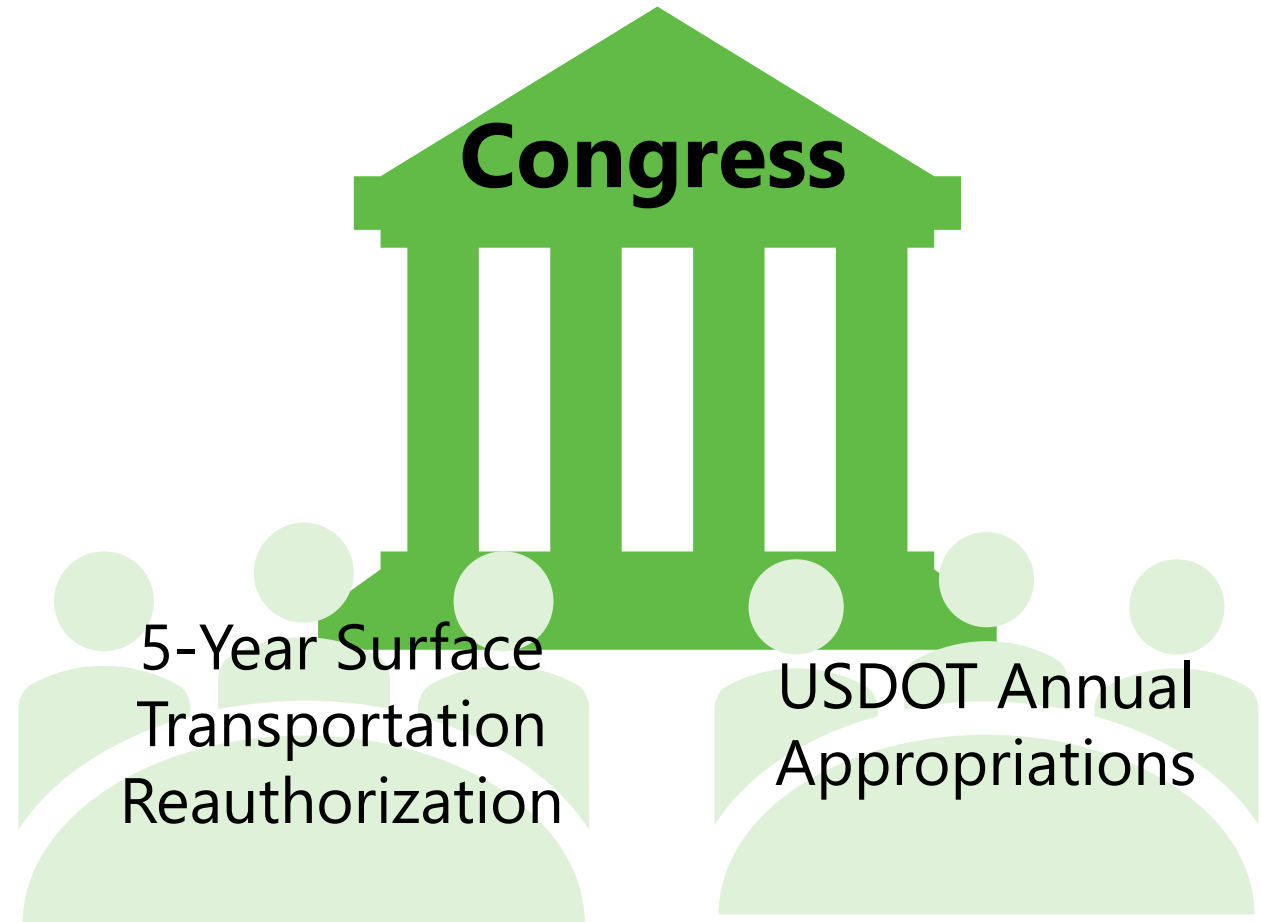
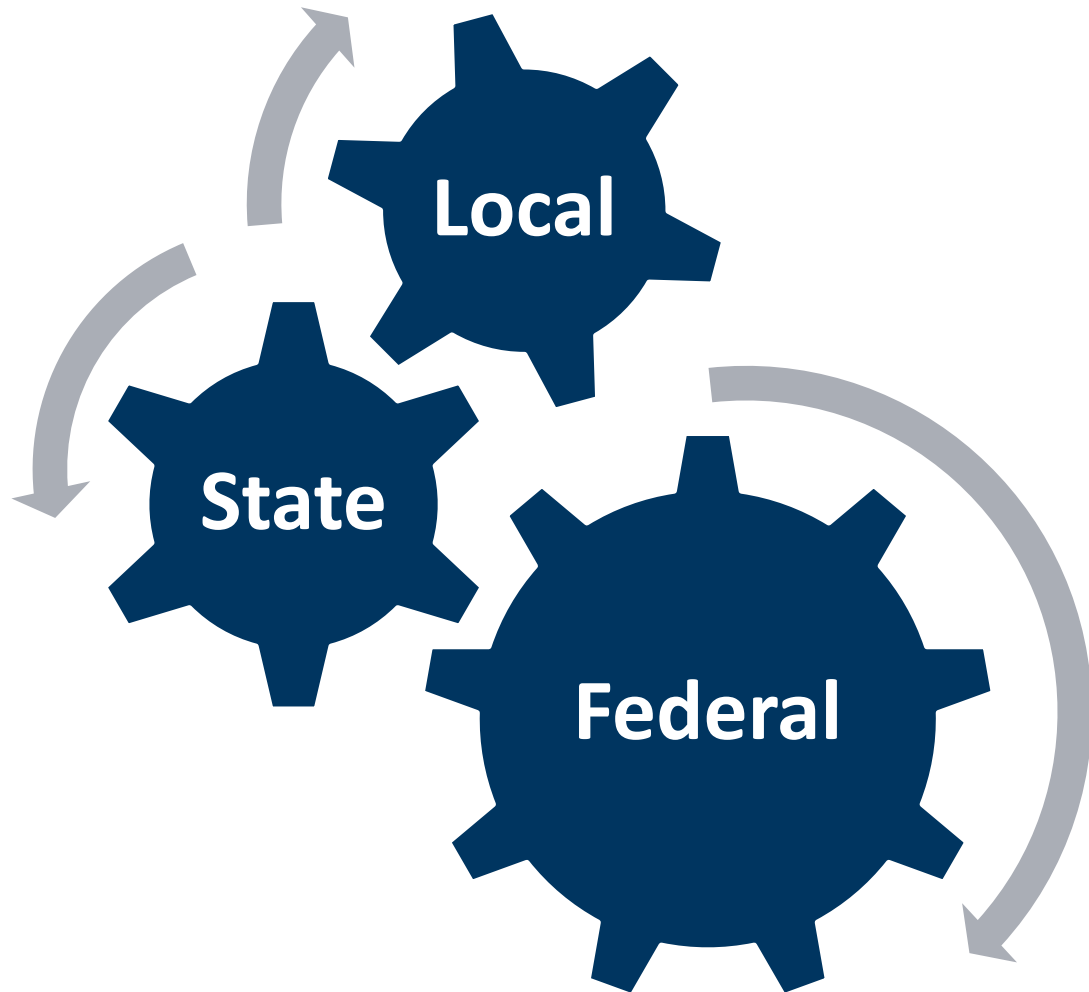
Source: Autonomous Vehicle Industry Association (AVIA)

ARE THEY LEGAL IN MN?

MS 169.011 Subd. 24. **Driver.** Every person, who drives or is in **actual physical control** of a motor vehicle.

MS 169.011 Subd. 54. **Person.** Every natural person, **firm, copartnership, association, or corporation.**

WHO REGULATES WHAT?



WHO REGULATES WHAT?

Federal

- National Standards:
 - Motor vehicles
 - Motor vehicle equipment
 - Infrastructure
- Non-Compliance
- Defects

State

- Defects
- Licensing
- Vehicle registration
- Operations permits
- Insurance and liability
- Traffic laws
- Vehicle inspections
- Roadway design standards
- Business Operations (TNCs)

Local

- Traffic laws
- Building codes
- Zoning codes
- Local street design
- Curb management
- Land development
- Business Operations (TNCs)



AUTOMATED VEHICLE POLICY





AUTOMATED VEHICLE POLICY

Testing, deployment,
operations

Privacy and security

State and local
governance

Safety verification
(FMVSS compliance,
minimal risk condition)

Liability and insurance

Role of driver/operator

Registration/permitting

Emergency services
interaction plan

Ability to remove bad
actors from operating

Accessibility
requirements

Workforce development



RESOURCES

WWW.DOT.STATE.MN.US/AUTOMATED/DESTINATIONCAV/RESOURCES.HTML

Automated Vehicles: State-Level Policy Themes

Automated Vehicles in Minnesota

Automated Vehicles: State Laws and Regulations

Governor's Council Automated Vehicle Policy
Recommendations

AV DAY AT THE CAPITOL

MN **AUTOMATED VEHICLE** DAY **AT THE CAPITOL**

Tuesday, April 14, 2026



EXHIBITORS



THE EVENT



THE EVENT



AV LEGISLATION OF 2026

House

- HF 3513 (Koznick)
- HF 4216 (Sencer-Mura)
- HF 3553 (Backer)

Senate

- SF 4014 (McEwen)
- SF 4010 (Johnson Stewart)
- SF 4381 (Maye Quade)
- SF 4816 (Dibble)

Federal legislation

- SELF DRIVE Act
- Surface Transportation Authorization bill

WHAT'S NEXT IN MINNESOTA

Enabling legislation

State uncertainty

Federal uncertainty

Waymo

Freight



THANK YOU

TARA OLDS

Director of Research and Innovation
Minnesota Department of Transportation
tara.olds@state.mn.us

