



**Transportation Infrastructure Revenue  
Subcommittee**

**October 6, 2025**

# Our Members



Volvo Autonomous Solutions



# Benefits of AVs



Safer Roads for  
Pedestrians, Cyclists,  
and Other Drivers



Economic growth –  
private sector  
investment



Create New Jobs



More Efficient  
Supply Chains



Increased Mobility for  
Seniors and the Disabled



Reduced Congestion



Easier Deliveries



Fuel economy

# State of the AV industry



AVs HAVE DRIVEN MORE THAN

**145 MILLION MILES**

ON U.S. PUBLIC ROADS

As of May 2025.

**2X**  
**INCREASE**

In miles driven since last reported in June 2024

**=**

THAT'S EQUIVALENT TO THE AVERAGE DISTANCE BETWEEN **EARTH AND MARS**

DRIVING AROUND THE EARTH **MORE THAN 5,600 TIMES**

# Nearly 40,000 Traffic Fatalities in 2024

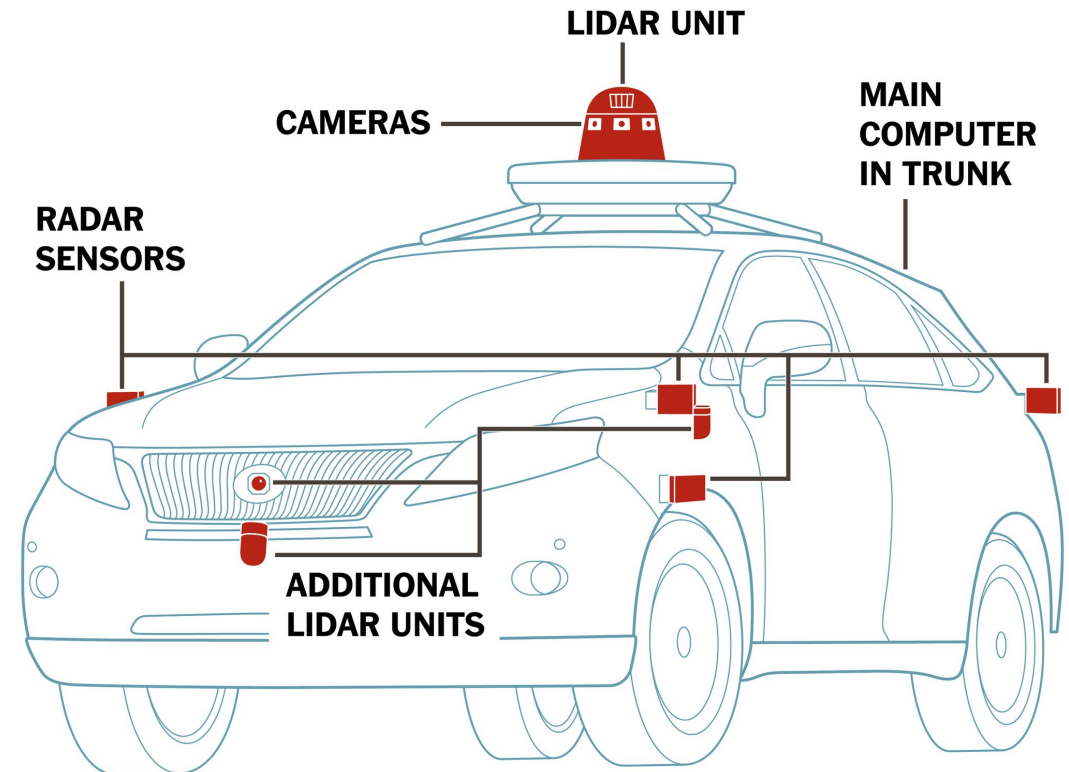
← NEWS

## NHTSA Estimates 39,345 Traffic Fatalities in 2024

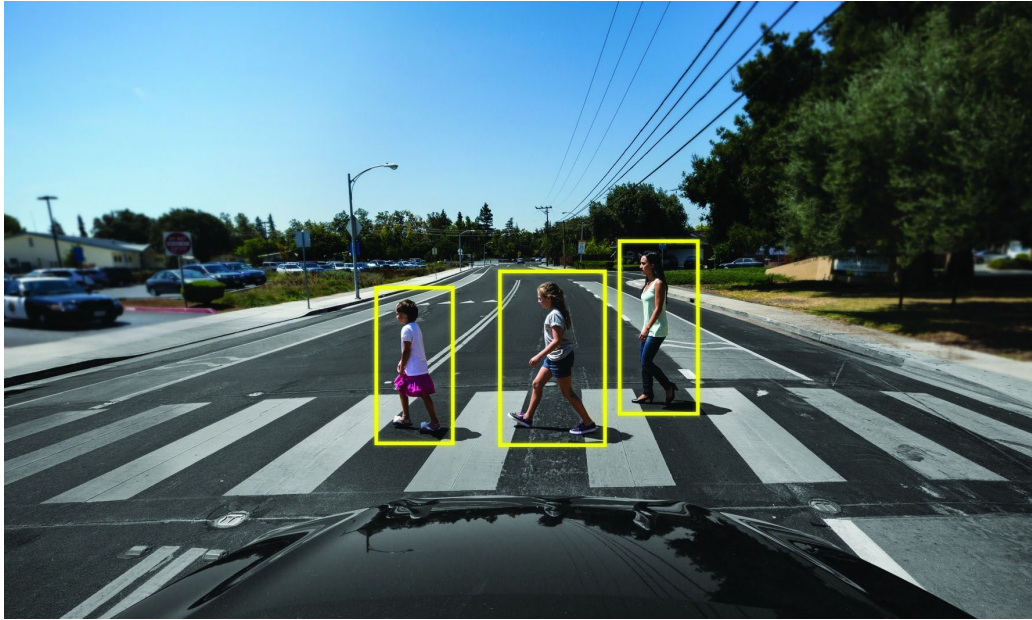
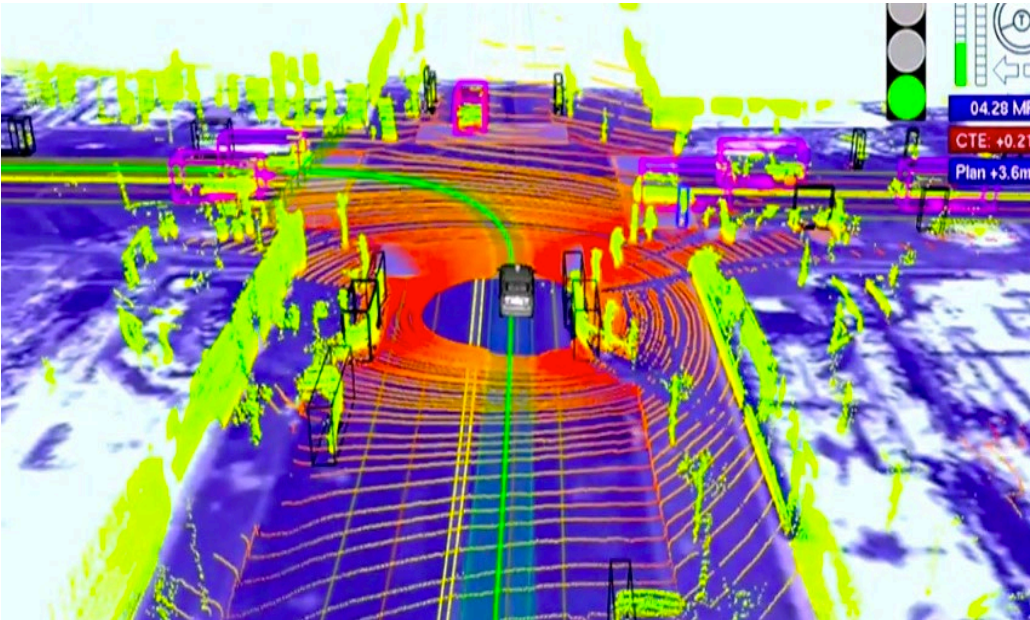
The lowest fatality rate since 2019 is positive news, confirms more progress can be achieved

# AVs Are Part of the Solution

Autonomous vehicles are equipped with advanced radar sensors, 360-degree views, and programmed as model drivers. AVs never drive drowsy, distracted, or impaired, making them safer for pedestrians, cyclists, and other drivers.



# What do autonomous vehicle see?



# AVs Have Demonstrated Their Safety

- **AVs are highly regulated at the federal and state levels**
  - Safety and performance standards established by the National Highway Traffic Safety Administration (NHTSA)
  - Robust interstate trucking rules administered by the Federal Motor Carrier Safety Administration (FMCSA)
  - State -specific requirements for AV operation, including regulations issued by the New Mexico Department of Transportation (NMDOT)
- **Robust data reporting requirements** under NHTSA's Standing General Order provides an unmatched level of transparent information compared to data on conventionally driven vehicles
- **AVs have successfully operated in New Mexico and other states for years**, and the data shows that AVs are safe
- **Testing occurs in a variety of environments**, including in inclement weather and road conditions



# AV Trucking: Workforce Opportunities Supply Chain Resiliency



- AV trucks will coexist with New Mexico's truck drivers while alleviating gaps due to driver retention and recruiting challenges.
- Federal government statistics show the U.S. must move 50% more freight by 2050 but must do so against a backdrop of a significant truck driver shortage.
- Autonomous trucking stands to ease supply chain burdens while supporting truck driving jobs and increasing roadway safety.
- The AV industry relies on humans to perform thousands of jobs across all skill levels.



# Kodiak: Operating Driverless Trucks in New Mexico

“We plan to be adding additional autonomous trucks to the fleet with the goal of going to a significantly higher number. We’re really excited about what we’ve seen.”

John Turner  
Atlas, President and CEO



## New Mexico Hosts First Known Publicly Announced Driverless Trucks in Commercial Operations

- Kodiak’s driverless technology helps Atlas address challenges with driver recruitment, high labor costs, and demanding operating conditions, strengthening its competitiveness.
- Customer-owned driverless deployment – Atlas Energy Solutions operates its own fleet of Kodiak-equipped semi-trucks.
- Revenue-generating driverless operations today – delivering day and night in most weather conditions.
- Integrated with Atlas’s 42-mile Dune Express conveyor system, which terminates near Jal.
- Commitment from Atlas to order initial 100 trucks secured after Kodiak exceeded key performance and operational milestones in March 2025.

8

Customer-Operated Driverless Semi-Trucks<sup>(1)</sup>

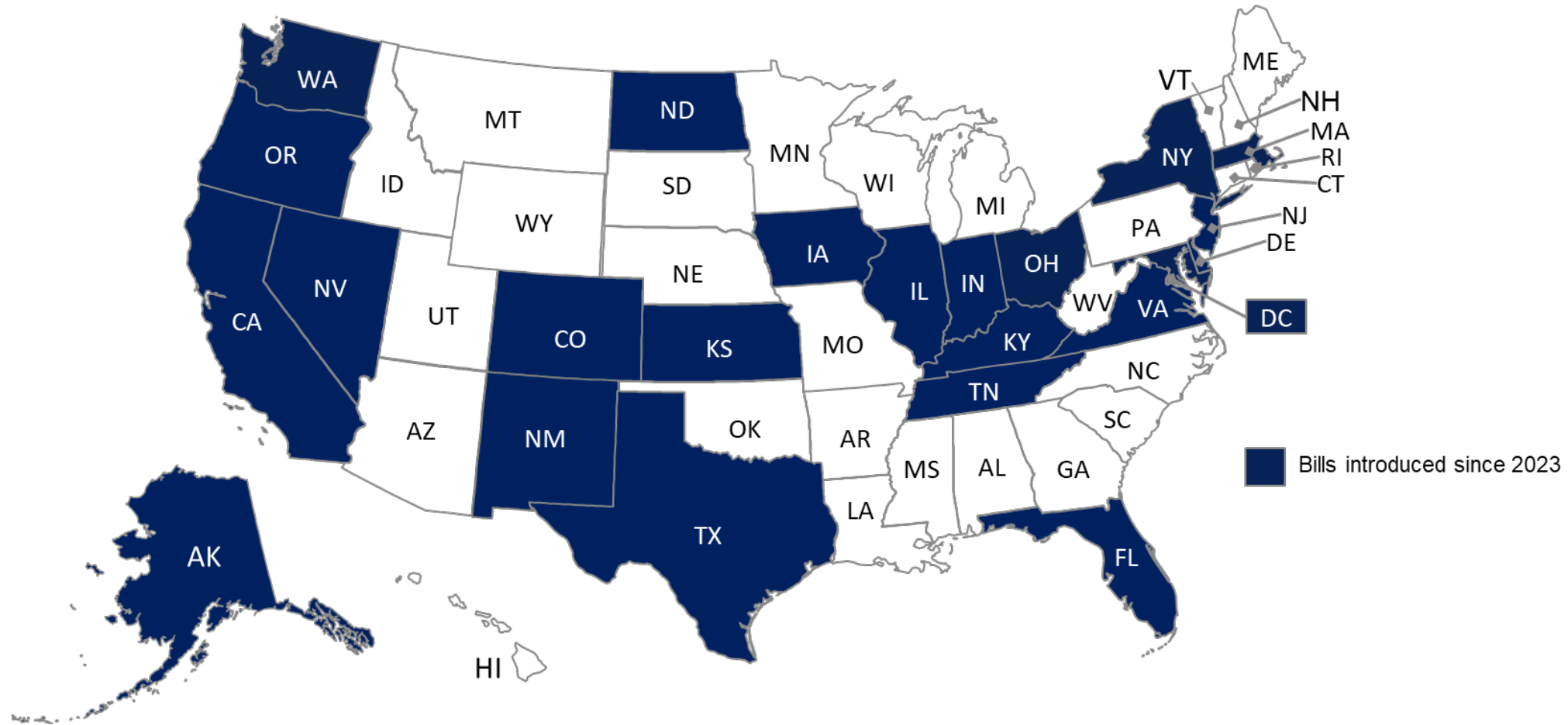
100

Initial Truck Commitment

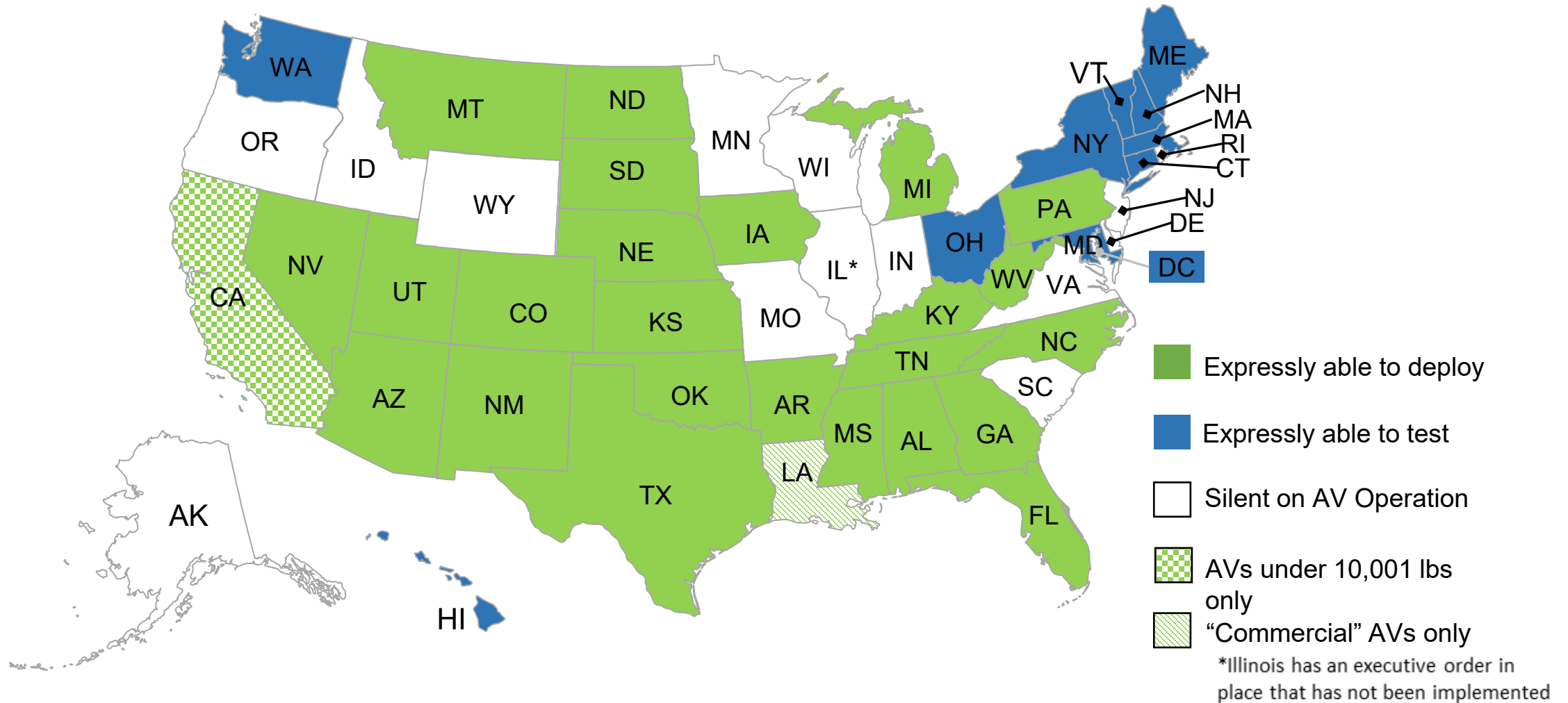
3,000+

Hours of Paid Driverless Operations<sup>(1)</sup>

# "Driver -In" Bills: 2023 -2025



# 26 States Have AV Deployment Statutes



# New Mexico's AV Framework

- **New Mexico has supported AV deployment under statutory and regulatory frameworks, which were developed with significant stakeholder engagement.**
- **This multi-year process was thorough and included a formal rulemaking process, providing an opportunity for all stakeholders to contribute.**
- **New Mexico law establishes specific requirements for AV operation**
  - Must obey all traffic rules and regulations
  - Ability to perform the “dynamic driving task” and perform fallback maneuver to achieve a “minimal risk condition”
  - Notification to NMDOT prior to operation
  - Duties following an incident
  - Submit a Law Enforcement Interaction Protocol to the Department of Public Safety
  - Registration and title requirements
  - Insurance requirements

# Keeping Pace with Innovation

As AVs become increasingly commonplace, states continue to enact or amend laws to support AV operations. All of New Mexico's neighboring states have AV deployment laws.

## Spotlight on Texas

- Texas has emerged as a national leader in AV innovation, driven by a proactive regulatory framework, robust infrastructure, and expanding real-world deployments.
- In 2025, Texas modernized its AV framework following months of stakeholder engagement.
- The updated law establishes an authorization and enforcement process for driverless AVs transporting property or passengers for hire or compensation.
- Heightened requirements will not apply to Level 3 or personally owned Level 4+ vehicles operated for personal purposes, reflecting the current state of the industry.



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