

# CAV & TRUCKING: POLICIES AND BEST PRACTICES

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# Safe Integration of Automated Driving Systems- Equipped Commercial Motor Vehicles



U.S. Department of Transportation  
Federal Motor Carrier Safety Administration

# What is FMCSA's interest in ADS vehicles?

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- **SAFETY of motor carrier transportation is FMCSA's highest priority**
- **ADS Technology has the promise to improve safety but only if safely deployed**
- **FMCSA has a duty to prescribe rules for safe operation of commercial motor vehicles and, consistent with NRSS, FMCSA's role is to establish safety requirements for motor carriers operating new technologies**
- **There are no Federal guardrails to provide adequate safety oversight for motor carriers using ADS-equipped commercial motor vehicles—and only limited regulatory activity at the State level.**
- **ADS in commercial motor carrier transportation is already in use**

# FMCSA published SANPRM on February 1, 2023

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- **Seeks supplemental information not considered in May 2019 ANPRM**
  - Provided FMCSA with an additional opportunity to engage with stakeholders in advance of developing an NPRM
  - Had been nearly 4 years since the Agency last sought public comment on ADS-equipped vehicles
  - Provided Agency with opportunity to focus questions on newer developments in ADS technologies being used by CMV manufacturers and ADS developers
- **Asked for public comment on proposed**
  - Requirements identification of CMVs operating in ADS mode
  - Data required from developers and carriers to ensure appropriate level of oversight
  - Inspection and maintenance requirements
- **Document and comments received can be found in docket number**
  - FMCSA-2018-0037 at [www.regulations.gov](http://www.regulations.gov)
  - 182 comments received on the SANPRM

# What's Next?

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- **FMCSA currently reviewing comments from ANPRM and SANPRM**
  - **Comments will help advise Agency on how best to proceed**
- **NPRM (next phase) anticipated for publication this year**
  - **On OMB Unified Regulatory Agenda for this Fall/Winter**