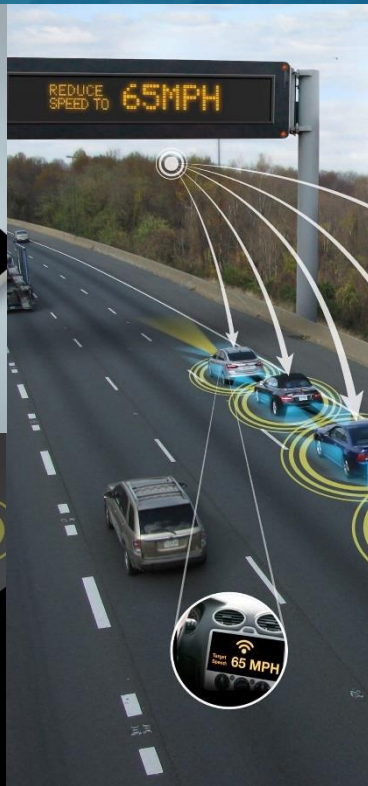
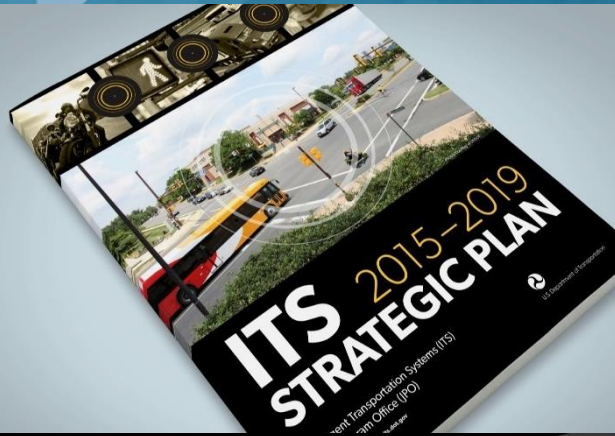




U.S. Department of Transportation



USDOT Connected and Automated Vehicles

SIP-ADUS
November 2018

Ken Leonard
Director, Intelligent Transportation Systems Joint Program Office
U.S. Department of Transportation

CONNECTIVITY – A PROBLEM WORTH SOLVING



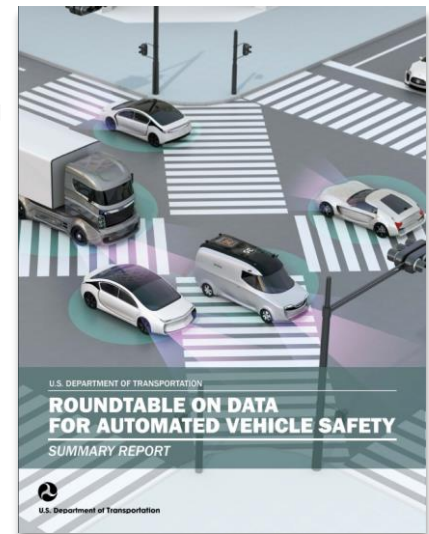
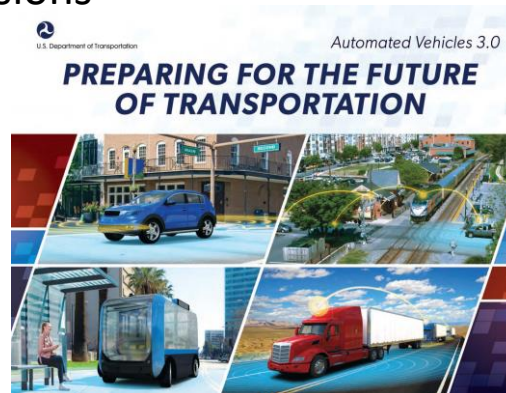
CONNECTED VEHICLES ON THE MOVE IN THE U.S.

- Connected vehicles are being tested nationwide
- USDOT supports “Connected Automation” for self-driving cars
- New Security Credential Management System is operational
- USDOT proves connected vehicles are interoperable
- Free connected vehicle data is available to the public



USDOT RECENT AUTOMATION ACTIVITIES

- Automated Driving Systems 2.0
- Roundtable on Data for Automated Vehicle Safety
- Public Listening Summit on Automated Vehicle Policy
- Modal RFI and RFC Releases
- FHWA National Dialogue on Highway Automation Series
- FMCSA and NHTSA Listening Sessions
- OMNIBUS 2018
- Preparing for the Future of Transportation: Automated Vehicles 3.0



USDOT AUTOMATION PRINCIPLES

USDOT has established a clear and consistent Federal approach to shaping policy for automated vehicles, based on the following six principles.



1. We will prioritize safety.



2. We will remain technology neutral.



3. We will modernize regulations.



4. We will encourage a consistent regulatory and operational environment.



5. We will prepare proactively for automation.



6. We will protect and enhance the freedoms enjoyed by Americans.

AUTOMATION IMPLEMENTATION STRATEGIES

The Department will put its six automation principles into action through these five automation implementation strategies. Stakeholders will be engaged throughout the process.

1. Engage stakeholders and the public
 2. Provide best practices and policy considerations to support stakeholders
 3. Support voluntary technical standards
 4. Conduct targeted technical research
 5. Modernize regulations
-

PREPARING FOR THE FUTURE OF TRANSPORTATION

