



COMMONWEALTH of VIRGINIA
Office of the
SECRETARY of TRANSPORTATION

Virginia Automated 20XX

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- **Context**
 - **disruptive technology**
 - **not a question of “if” but “when”**
 - **technology intersects transportation**
 - **strategy**
 - **policy considerations**
 - **what is the Commonwealth’s responsibility?**
 - **role?**

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- **Purpose – create strategic framework for transitioning autonomous vehicles into network**
 - begin analysis of the implications of automated technology
 - formulate an actionable strategic plan over the next year
- **Align with VTrans2040 goals**
- **Detailed plan with targeted initiatives and tasks**
 - near (now), mid (three years), long term action (five-seven years)
 - program of phased projects

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- **Strategic plan will examine**
 - **current and near technology trends**
 - **where should Transportation Secretariat focus energies**
 - **what does this mean for Virginia**
 - **potential changes to mobility, land use, congestion, safety, freight movement etc.**
 - **fleet penetration levels**

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- **Workgroup established June 2016**
- **Members include:**
 - **Office of Intermodal Planning and Investment**
 - **Virginia Department of Transportation**
 - **Department of Motor Vehicles**
 - **Motor Vehicle Dealer Board**
 - **Virginia State Police**
- **External support**

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- **Timeline and Activities**
 - **External Stakeholder Workshops (Nov-16)**
 - **Plan Development (continuous)**
 - **“State DOTs and Self Driving Cars” Workshop (Feb-17)**
 - **White paper: Virginia as a primer (May-17)**
 - **Charrette: Peer review draft plan (June -17)**
 - **Plan completion (Aug-17)**

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- **U.S. DOT issued Federal Policy for Safe Testing and Deployment of Automated Vehicles – for “highly automated vehicles”**
 - **Released September 20, 2016**
 - **Four part policy**
 - vehicle performance guidance: safety assessment (data recording and sharing, crash behavior, cyber security, human interference etc.)
 - model state policy: distinguishes federal and state responsibilities, supports a consistent national framework of laws and policy to govern
 - current and modern regulatory tools to aid in safe deployment (creating of new authorities e.g. cease and desist and new tools e.g. variable test procedures)

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- Questions and discussion?

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