

Mark C. Kopko Manager Advance Vehicle Technology

> markopko@pa.gov 717-783-1903

Pennsylvania Planning for the Future

I-95 Corridor Coalition Connected and Automated Vehicle Conference

June 21, 2016 – Linthicum, MD



Initial Steps

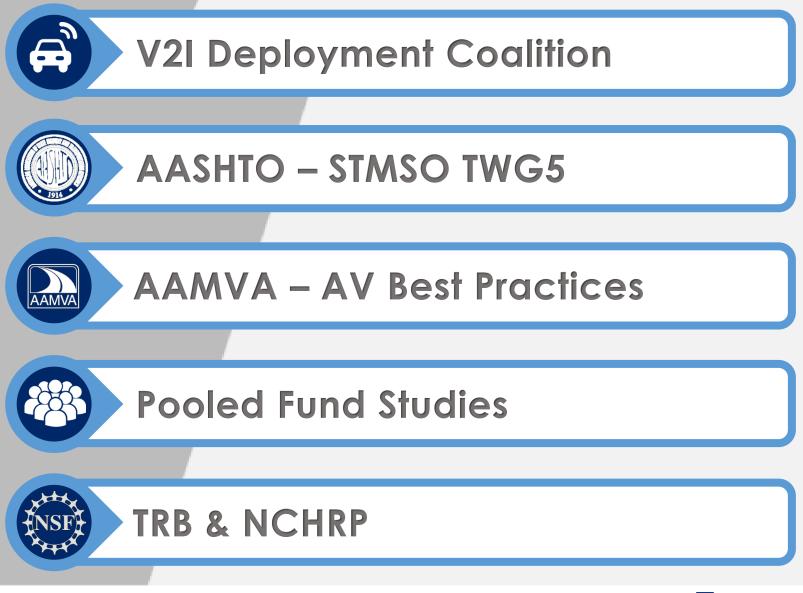
Planning for Connected & Automated Vehicles

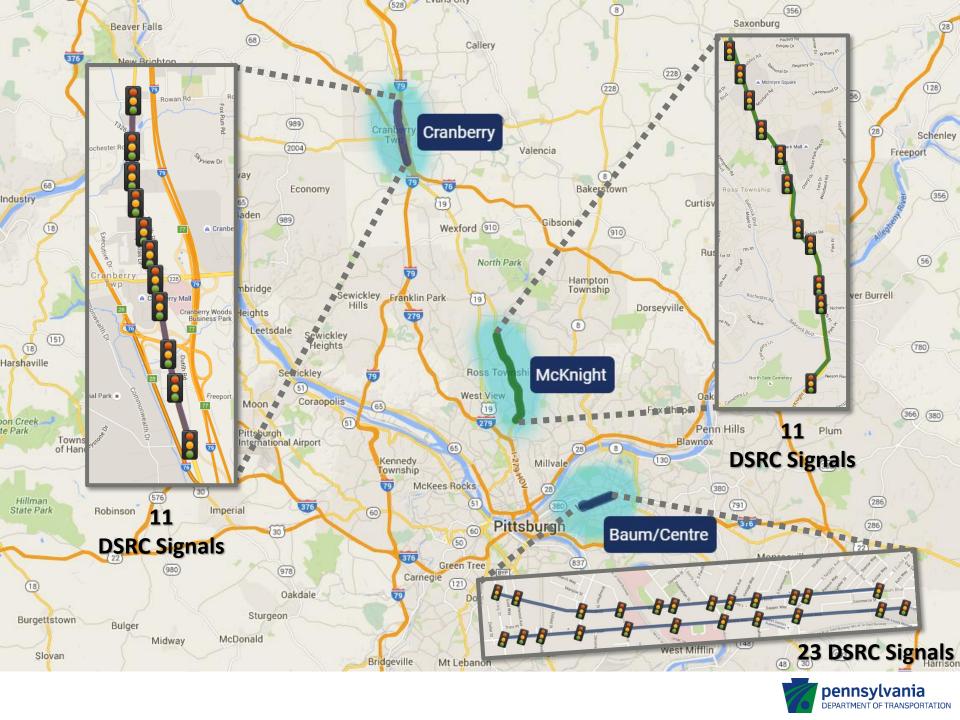






pennsylvania DEPARTMENT OF TRANSPORTATION





CV/AV 2040 Vision Pittsburgh

Present - 2040

Implications of CV/AV

Design & Investment Decisions

Real-Time Data Usage

Impacts on Existing Infrastructure

Workforce Training Needs

Impacts on Freight Flow

Completed: July 2014





Next Steps Planning for Connected & Automated Vehicles





Preparing for the Future

Legislation

Senate Bill 1268

Amending Title 75 (Vehicles) of the Pennsylvania Consolidated Statutes, providing for autonomous and connected vehicles.

Introduced: May 18, 2016





Senate Bill 1268

Testing Only

Manned and Remote Testing

Platooning

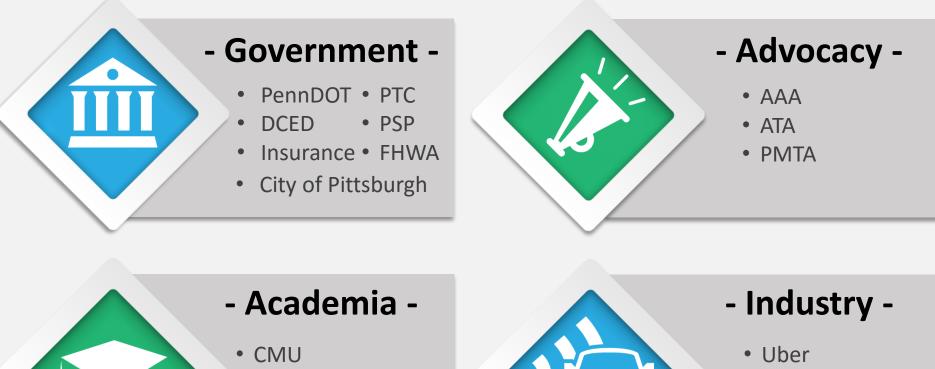
Flexible

AV Policy Task Force





AV Policy Task Force



• U Penn



• SAE



Smart City Challenge Pittsburgh

Mobility Optimization

Connected Adaptive Signals

Pedestrian Detection (V2X)

Transit Prioritization (V2I)

Connected Fleet

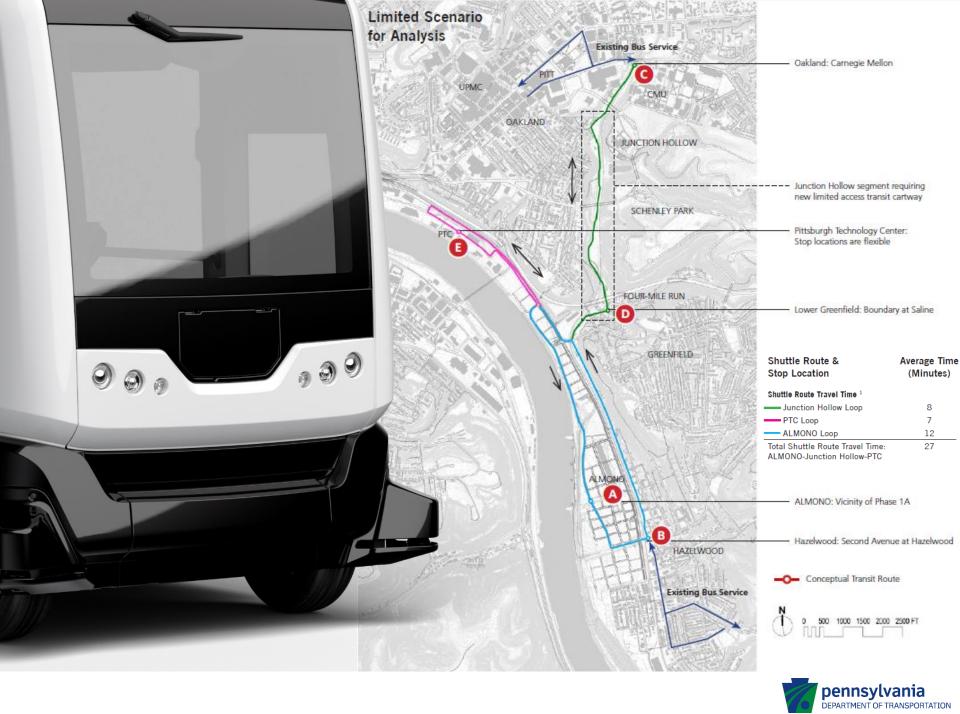
Transit, City, and Bicycles

Access On-Demand Pilot

Autonomous Shuttle







PA Turnpike CV/AV Road Map

Refine Operational Vision

Identify Short-Term Projects

Develop Implementation Schedule

Completion By Summer 2016





CV/AV Working Group



Joint Statewide Strategic Plan

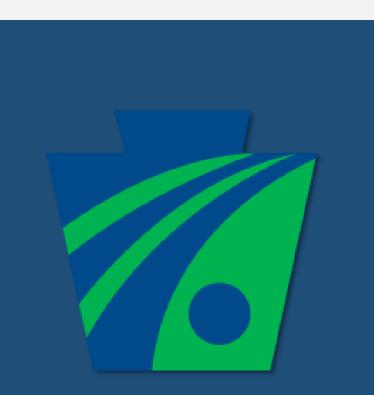
Expand Upon Existing Work

Recommendations

Living Document







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