ITS JPO Data Program Update

Ariel Gold, Data Program Manager
ITS Joint Program Office

August 31, 2016
“With increased connectivity among vehicles, organizations, systems, and people, unprecedented amounts of data are being generated. **New methods** to collect, transmit/transport, sort, store, share, aggregate, fuse, analyze, and apply these data will be needed for management and operations of transportation systems.”

http://www.its.dot.gov/strategicplan/
EARLY DEPLOYERS: CONNECTED VEHICLE PILOTS

- Reduce the number and severity of adverse weather-related incidents in the I-80 Corridor in order to improve safety and reduce incident-related delays.
- Focused on the needs of commercial vehicle operators in the State of Wyoming.

- Improve safety and mobility of travelers in New York City through connected vehicle technologies.
- Vehicle to vehicle (V2V) technology installed in up to 10,000 vehicles in Midtown Manhattan, and vehicle to infrastructure (V2I) technology installed along high-accident rate arterials in Manhattan and Central Brooklyn.

- Alleviate congestion and improve safety during morning commuting hours.
- Deploy a variety of connected vehicle technologies on and in the vicinity of reversible express lanes and three major arterials in downtown Tampa to solve the transportation challenges.
EARLY DEPLOYERS:
SMART CITY DEMONSTRATION
ITS DATA PROGRAM APPROACH

- Identify and Develop Toolset to Support Data Capture, Protection, and Sharing
- Drive Adoption with Early Deployers
- Enhance Third-Party Access to Data

Safety Pilot sample data now publicly available on the Research Data Exchange: [https://www.its-rde.net/](https://www.its-rde.net/)
FOR MORE INFORMATION

Ariel Gold
USDOT / ITS JPO
ariel.gold@dot.gov

Website: http://www.its.dot.gov