



# **ITS JPO Data Program Update**

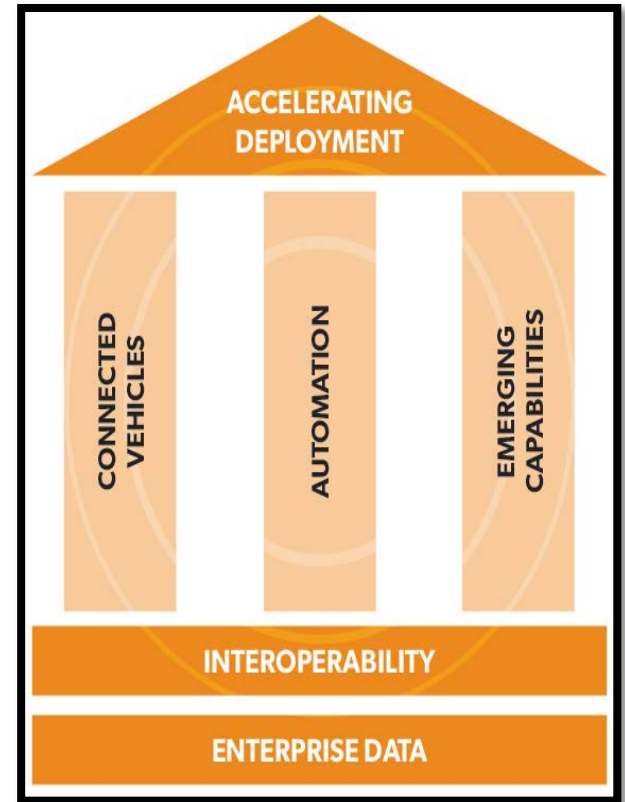
**Ariel Gold, Data Program Manager  
ITS Joint Program Office**

**August 31, 2016**



# DATA: ITS STRATEGIC PLAN FOUNDATION

“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.



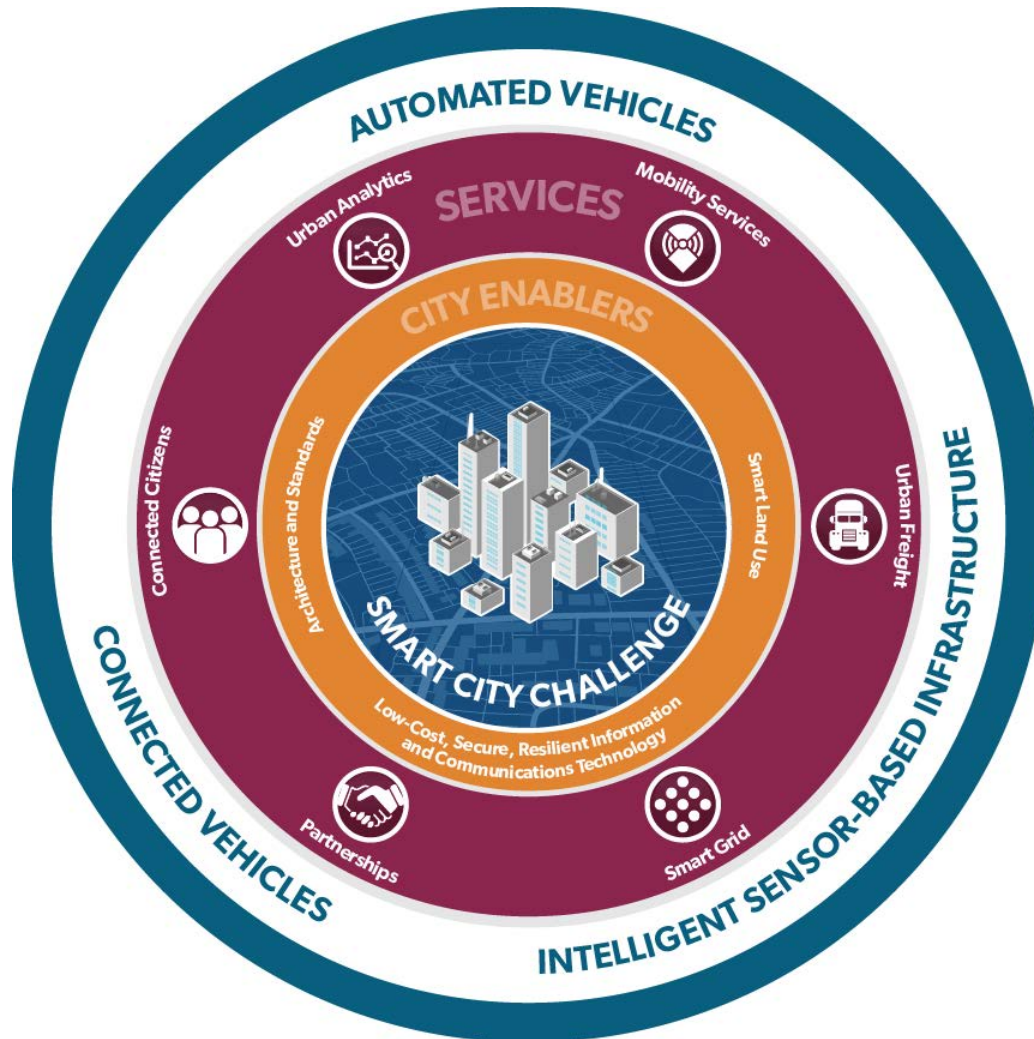
- Improve safety and mobility of travelers in New York City through connected vehicle technologies.
- Vehicle to vehicle (V2V) technology installed in up to 10,000 vehicles in Midtown Manhattan, and vehicle to infrastructure (V2I) technology installed along high-accident rate arterials in Manhattan and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



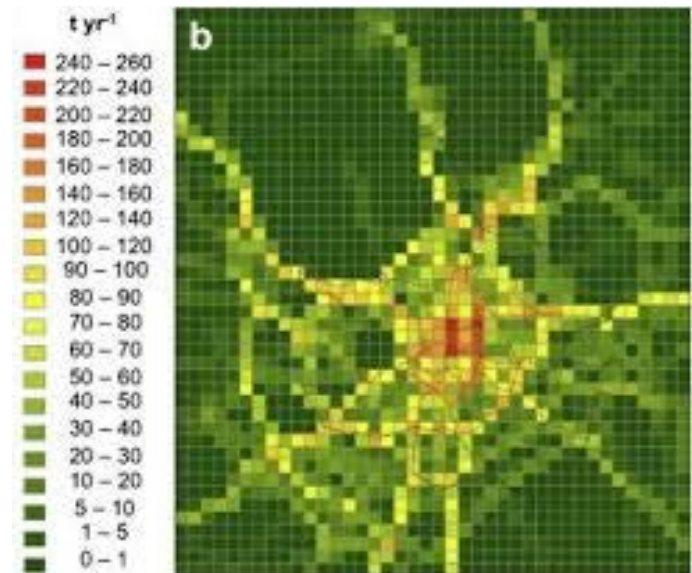
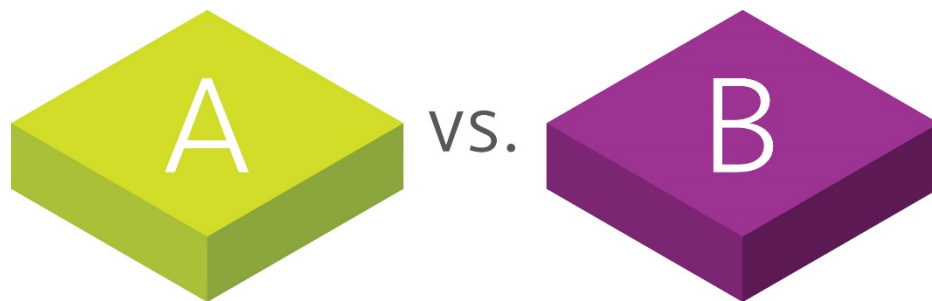
- Alleviate congestion and improve safety during morning commuting hours.
- Deploy a variety of connected vehicle technologies on and in the vicinity of reversible express lanes and three major arterials in downtown Tampa to solve the transportation challenges.



# EARLY DEPLOYERS: SMART CITY DEMONSTRATION



# A PLATFORM FOR INNOVATION & EVALUATION



# 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/>*



# FOR MORE INFORMATION

## **Ariel Gold**

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