Michigan Connected Vehicle Test Beds

- OEM Tech Center (Auburn Hills)
- Telegraph Rd. Corridor - SPaT
- POC Test Bed (Farmington Hills)
- ITS WC Deployment
- MESH network (Novi)
- Michigan International Speedway (Brooklyn)
- USDOT Development & Test Environment (Novi)
- USDOT Safety Pilot (Ann Arbor)
- City of Detroit CV Test Bed
- I-94 Truck Parking Info and Management System
MDOT Connected Vehicle Activities

**Data Use**
- DUAP - Phase 1 & 2

**Data Collection**
- Critical Highway Infrastructure Monitoring Project
- Partner OEM Data
- Vehicle Based Info & Data Acquisition System
- Slippery Roads Detection Project
- Integrated Mobile Observations 2.0
- ACC/IRI/PASER Study
- USDOT Safety Pilot (UMTRI)
- AVL/GPS MDOT Fleet Project

**Data Dissemination**
- I-94 Truck Parking Info and Mgmt System
- Multipath SPaT Project

**Pooled Fund/Research**
- AASHTO CV Deployment Coalition
- CTS Pooled Fund Study
- CAR CV Research Project
- TARDEC Research Agreement
Data and Application Use

- Safety/Congestion
- Pavement Defects
- Winter Weather
I-94 Truck Parking (Indiana to I-69)

- Dynamic Truck Parking Signs
- MiDrive Website
- Smartphone Application
- On-Board DSRC Equipment
A CONNECTED FUTURE
Challenges - Opportunities

- Evolving Standards
- Deployment “Triad”
- Communications Mix
- Funding for installation
- Ongoing operations and funding
  - “Mainstream” system
  - New approaches / partnerships
  - Compete for resources