



# **Vehicle Infrastructure Integration in Michigan: Government and Industry Working Together**

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# Every DOT's Mission

- Reduce and Eliminate Crashes
- Address Congestion
  - Recurrent vs. non-Recurrent
  - Manage / Maintain vs. Build-Out
- Economic Competitiveness and Development

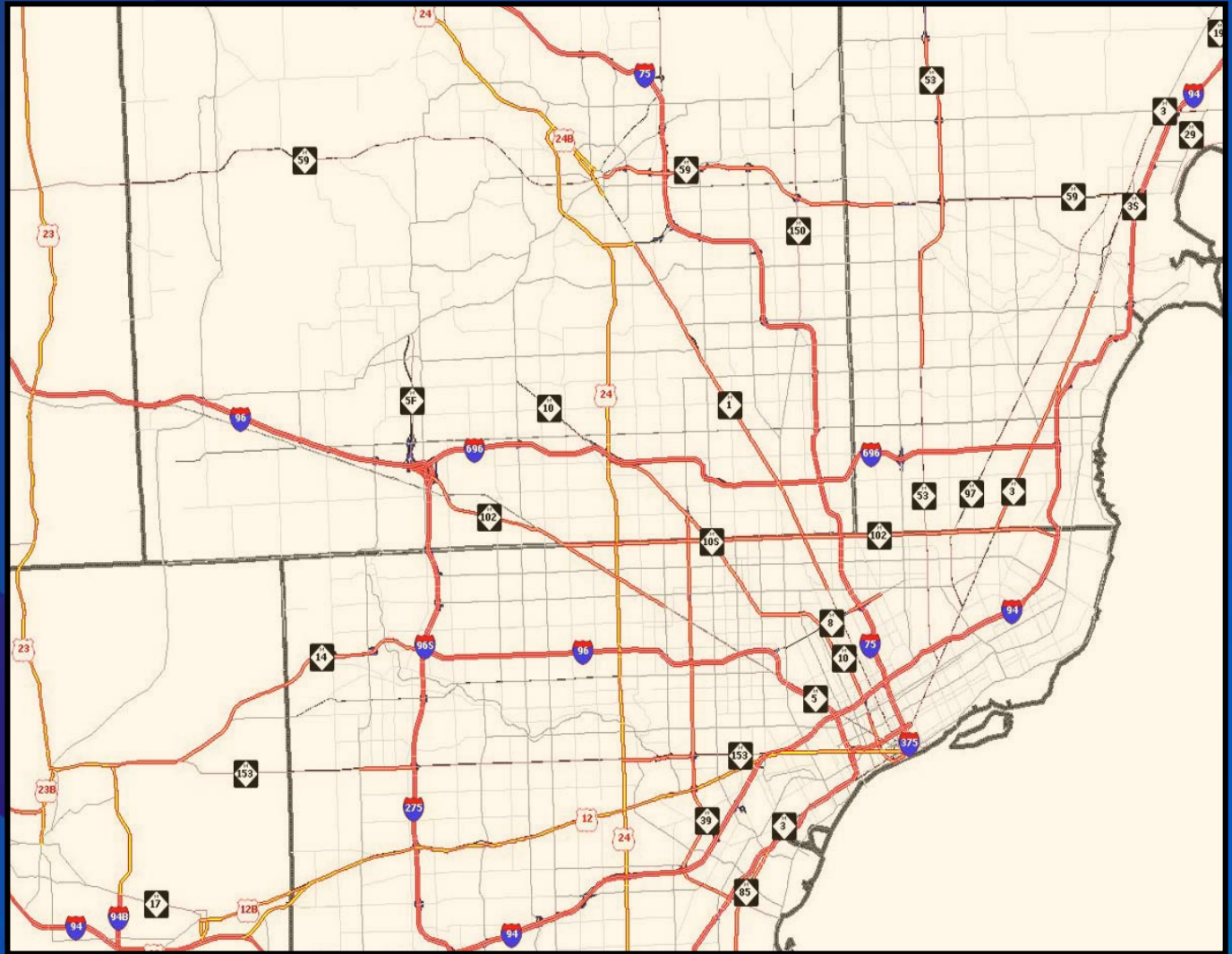


# MDOT VII Strategy

- Support Industry in their development of VII programs and technologies to facilitate job creation and growth in Michigan
  - MDOT Test Beds in Southeast Michigan
    - Auburn Hills
    - Southfield
    - Farmington Hills / Novi
  - Data Use Analysis and Processing (DUAP)
  - Engaging new partners



# MDOT VII Partners



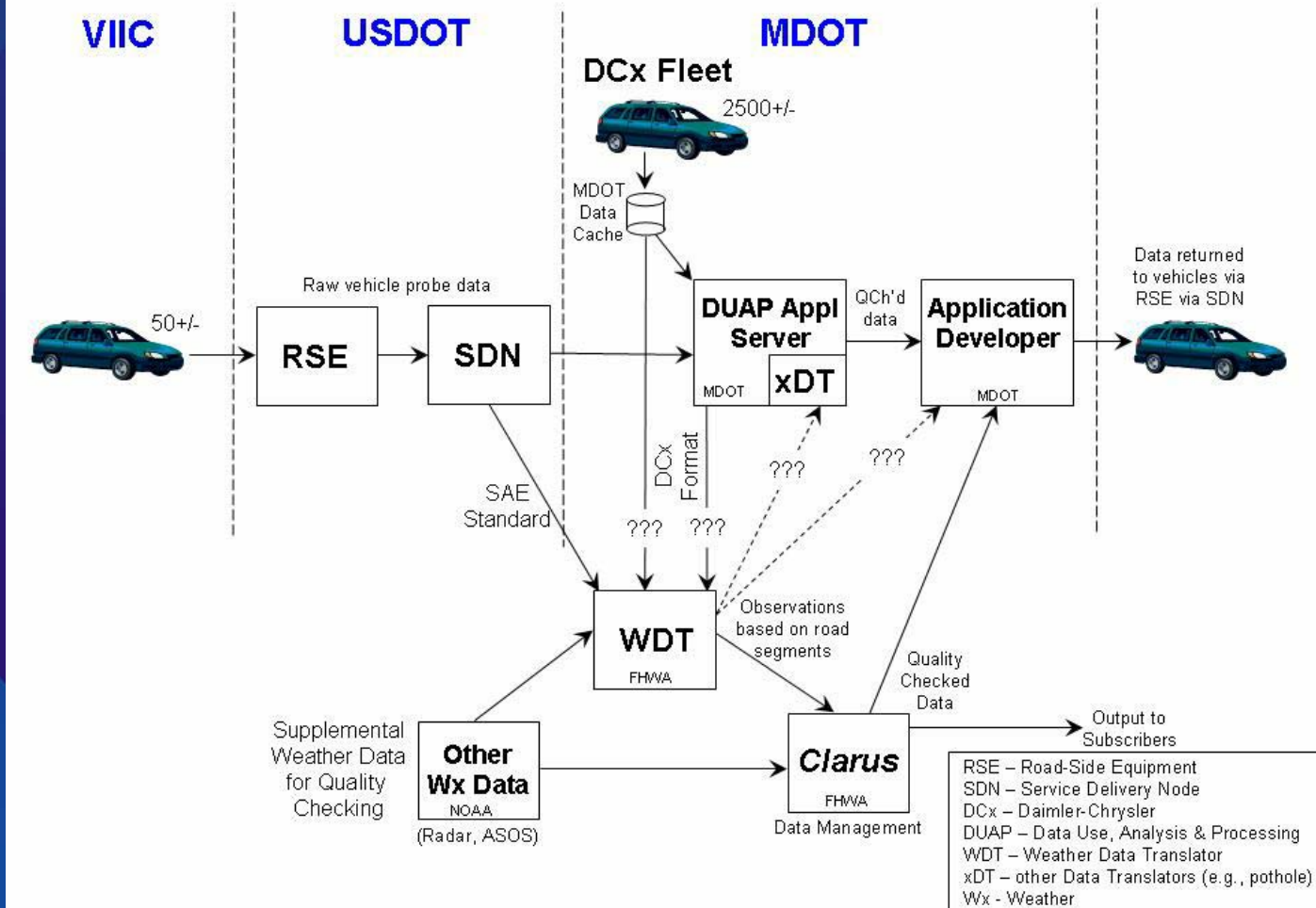
# MDOT VII Partners

- New Partners are Emerging
  - Continental
  - Visteon
  - Navteq
  - Parkingcarma
  - Technocomm
  - Delphi
  - Lear



# VII Collaboration

VII Proof-of-Concept Data Flow Diagram



# VII Economic Study

- MSU / CAR Commissioned Study
  - 6,000 jobs for deployment
  - 6,000 jobs for operations and maintenance
  - 10,000 jobs for new R&D and services



# International Vehicle Communications Summit

- January 23, 2007 as part of TRB
- Logistics Support by UMTRI
- Significant international participation
  - US DOT
  - Caltrans
  - AASHTO
  - ITS America
  - Sweden
  - Austria
  - Wales
  - Asia
  - European Commission



# MDOT / MEDDC VII Investments

- VII Strategic Planning (\$2m)
- Test Bed Implementation (\$1.7m)
- DUAP Development (\$4m)
- VII Evaluation (\$800k)
- VII Economic Impact Study (\$200k)
- Connected Vehicle Proving Center (\$3.15m + \$5-8m match)
- VII Systems Engineering Support (\$1.1m)
- Proof of Concept Test Support (\$925k)



# Next Steps

- Identify and support new partners
- Continue learning how to use new data
- Support US DOT Proof of Concept efforts
  - Novi / Farmington Hills
  - VII-C
- Share Information
  - [www.michigan.gov/mdotvii](http://www.michigan.gov/mdotvii)

