CONNECTING TWO COUNTRIES: FROM MI TO CANADA

The Blue Water Bridge

Detroit-Windsor Tunnel
BORDER WAIT TIME

- Reduce Congestion
- Maximize Inspection Efficiency
- Enhance Safety
- Improved Business Productivity
**V2I Applications**

**Border Wait Time**

- **Truck traveling along I-94 toward U.S.A./Canada border**
- **Truck receives real-time border crossing data over cellular network**
- **Current wait time: Ontario via Blue Water Bridge 5 minutes**
- **Driver Vehicle Interface (DVI) example**
- **Allowing carrier to make a data driven decision to continue to border due to short crossing time**
ON THE HORIZON

GRANT FOCUS AREAS

- Improve Environmental Features
- Enhanced Personal Benefits
- Predictive Data
TECHNOLOGY

- Connectivity
- Data
- Integration
STAKEHOLDERS + PARTNERS

- Michigan Department of Transportation, MDOT
- Michigan Department of Technology, Management and Budget, DTMB
- City of Windsor
- Detroit- Windsor Tunnel
- Ministry of Transportation, Ontario, MTO
- Border Authorities/Owners
- FHWA
AV Legislative Actions: MI Senate Bills

Legislation Introduced by Senators

- Mike Kowall (R-White Lake)
- Rebekah Warren (D-Ann Arbor)
- Ken Horn (R-Frankenmuth)

Signed into Law by Governor Snyder

Led the way to opening Michigan up for the business of automated vehicles
Public Act No. 332
Mike Kowall (R-White Lake), Primary Sponsor

Putting AV’s on the Road

Eliminates “test only” restriction

Allows driverless operation on public roads at any time
Public Act No. 332
Mike Kowall (R-White Lake), Primary Sponsor

Open for Transport

Platooning of commercial vehicles

Supporting the military, large shipping or logistics companies
A New Way to Ride

Automated vehicle networks connected to consumers

Creates array of travel options for consumers
Public Act No. 332
Mike Kowall (R-White Lake), Primary Sponsor

State of Michigan Support

Council on Future Mobility reports to the legislature annually; recommends new laws or revisions are needed

What new policies would help enhance safety, mobility and the state’s economy through this technology
Public Act No. 333
Mike Kowall (R-White Lake), Primary Sponsor

Supports Manufacturers

Provides specific standards for SAVE projects

Vehicle networks started and controlled by vehicle manufacturers
Public Act No. 334

Rebekah Warren (D-Ann Arbor), Primary Sponsor

World Class Destination

Creates the American Center for Mobility (ACM)

The mission of the ACM is still evolving and will include vehicle testing in real world conditions
Public Act No. 335

Ken Horn (R-Frankenmuth), Primary Sponsor

Protection for Mechanics

Ensures that a mechanic, acting in compliance, will not be exposed to liability when working on autonomous technology.