

*Developing Regional Solutions*

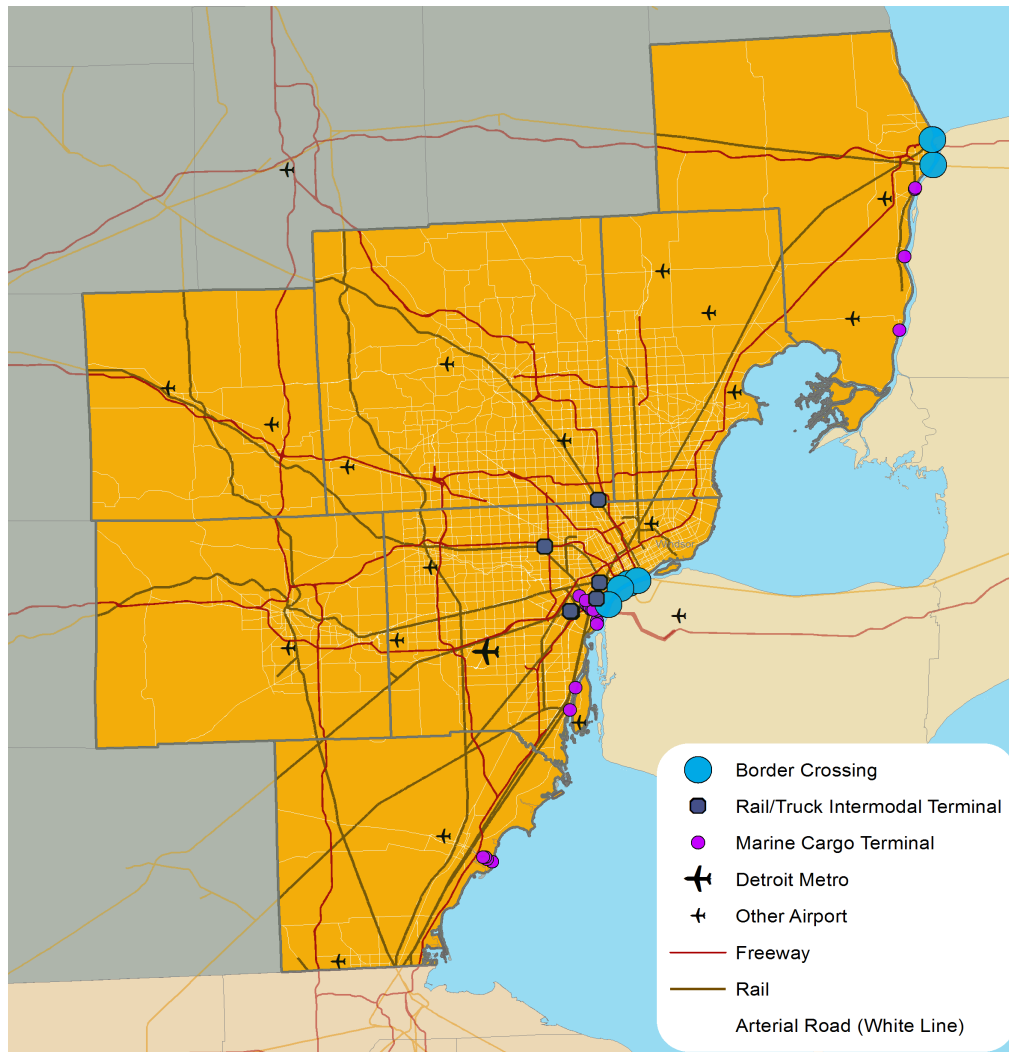


**SEMICOG**

Southeast Michigan Council of Governments



# Border Crossings



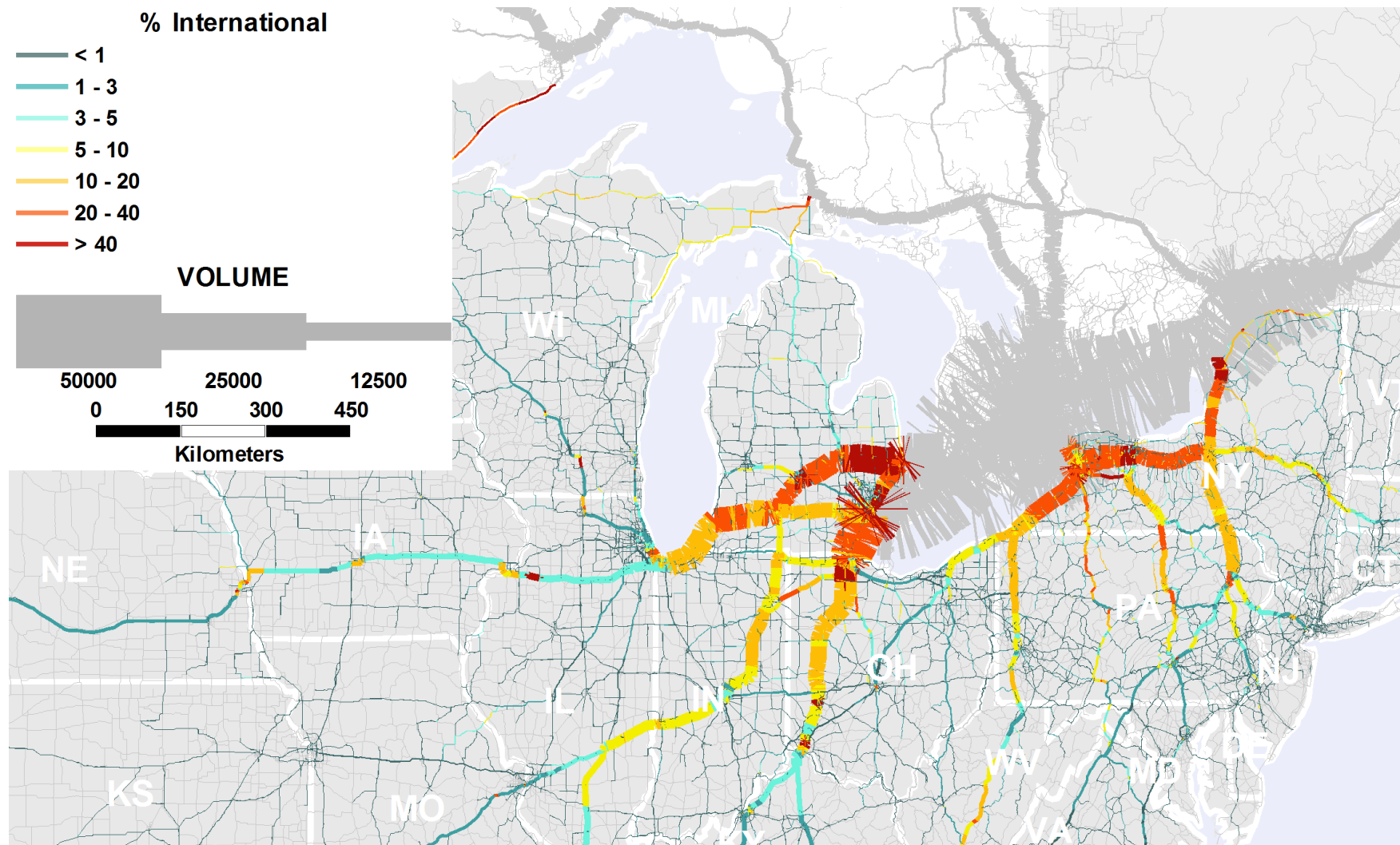
- 3 Road
- 2 Rail
- 3 Ferry
  - 1 Cargo
  - 2 Passenger

# Core Industry Characteristics



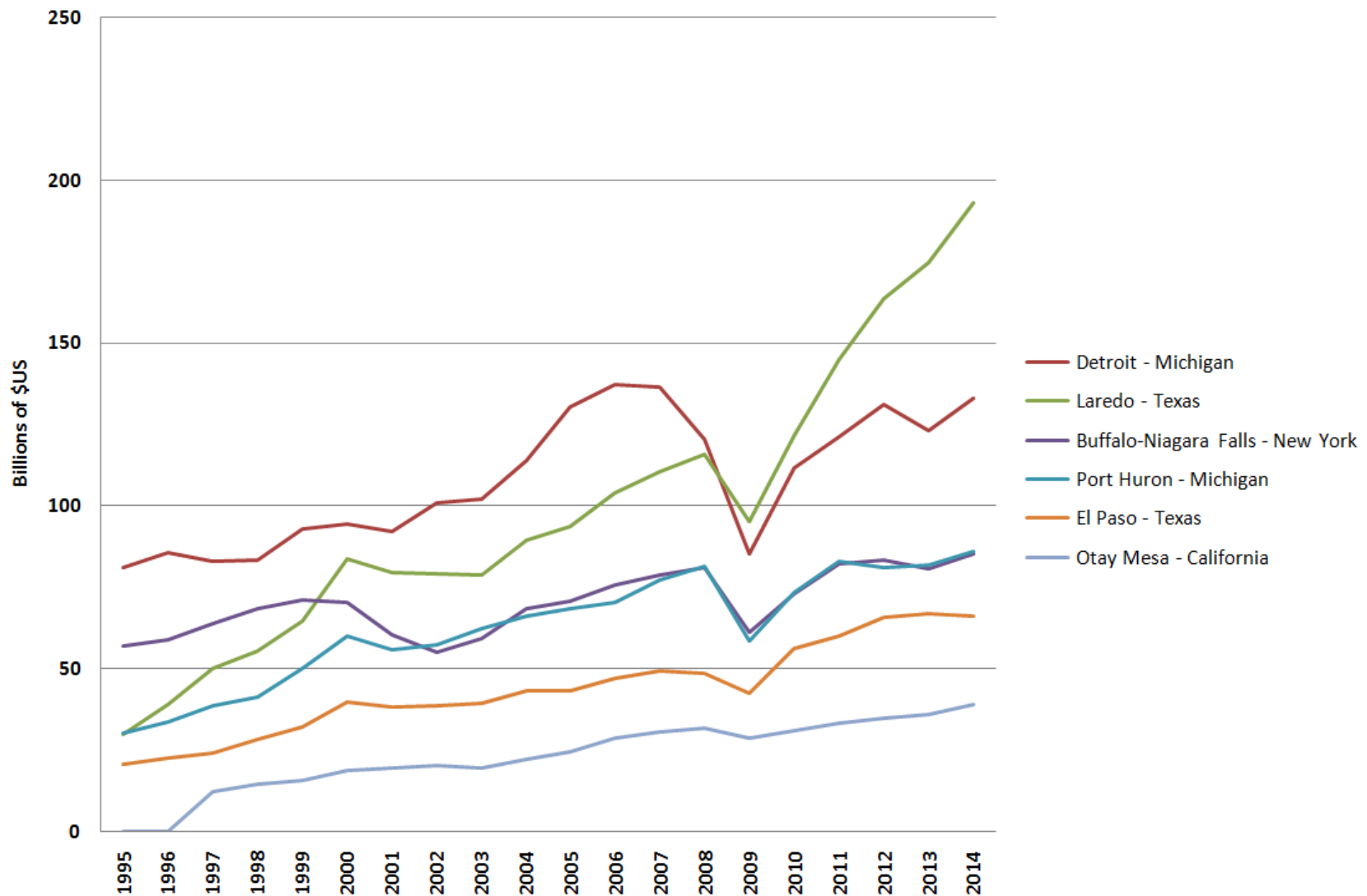
- N/S supply chains
- Truck and Rail
- Just in Time
  - Minimize warehousing
  - Sensitive to variation

# Ontario Truck Volume in US



Source: Ministry of Transportation Ontario

# Trade by Crossing



Source: SEMCOG analysis of Transborder data



# Partnering for Prosperity

## *Economic Development Strategy for Southeast Michigan*



*Business clusters are regional concentrations of related industries that can enhance productivity and spur innovation by bringing together technology, information, specialized talent, competing companies, and academic institutions.*



# Economic Strategy

- Expanding Trade and Investment
  - Cross Sector Collaboration
    - » Core clusters, R&D, Labor force
  - Invest in critical transportation infrastructure
  - Assist firms in developing export capabilities



# TDL Strategy: Border Specialists

- Reliable transportation
  - Truck availability and cost
  - Cross-border truck access
- Value added service
  - Cross-docks
  - Consolidation and Packaging
  - Light manufacturing

# Opportunities

- New and updated crossings
- Coordinated, responsive operations
- Technology/ITS
- Expand reach
- Regional distribution

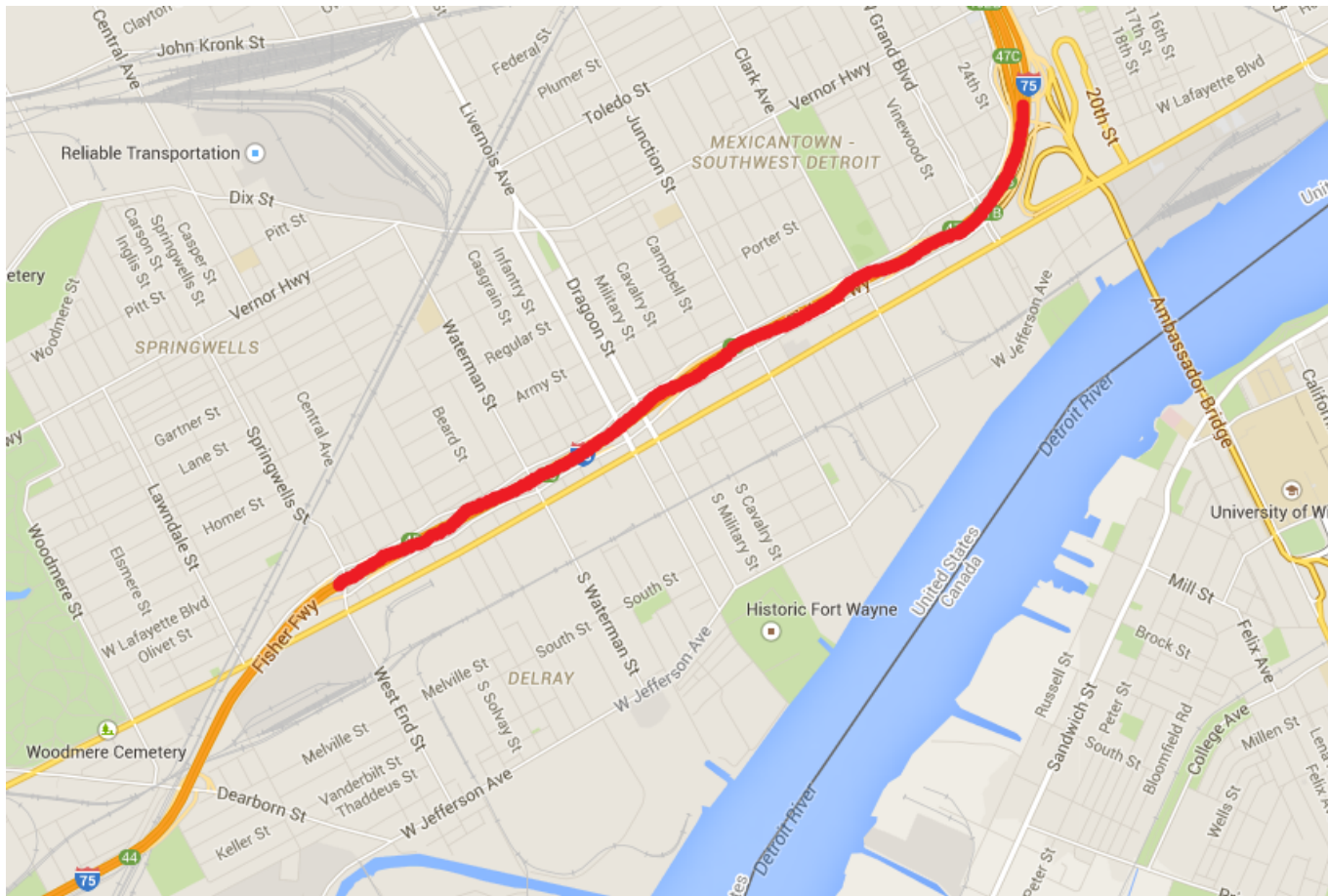
# Border Closing

- April 14, 2014
- A trailer caught on fire travelling to Canada on the Ambassador Bridge
- This incident closed the bridge
  - Closed around 12:30pm
  - Reopened around 2:30pm

# Quick Delay Analysis

- SEMCOG used freeway speed data to estimate the delay caused by this incident
- Only in the US
- Only on freeways
- Compared delay to the following day, Wednesday, April 15th, 2015

# I-75 Northbound



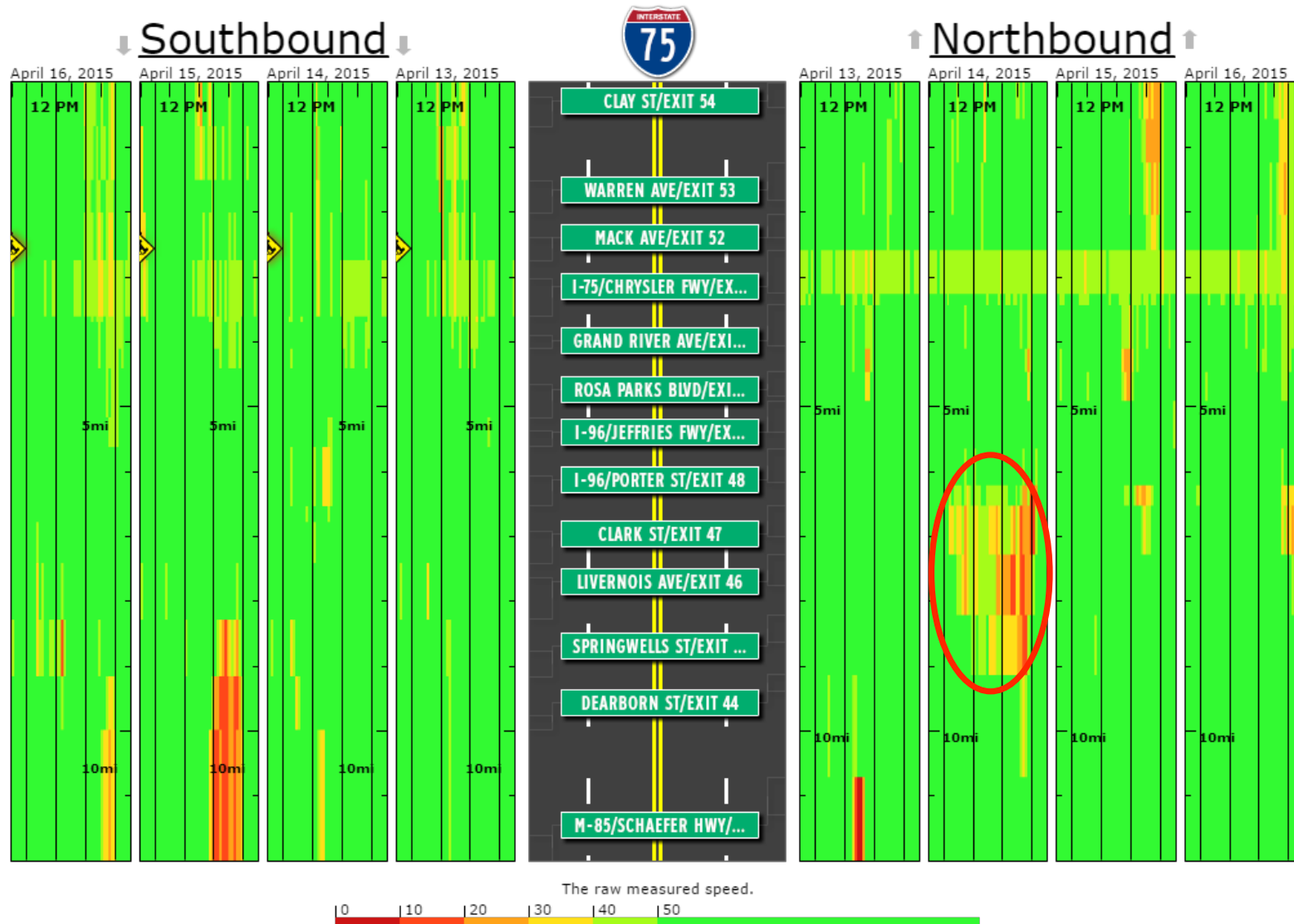


# I-75 Delay

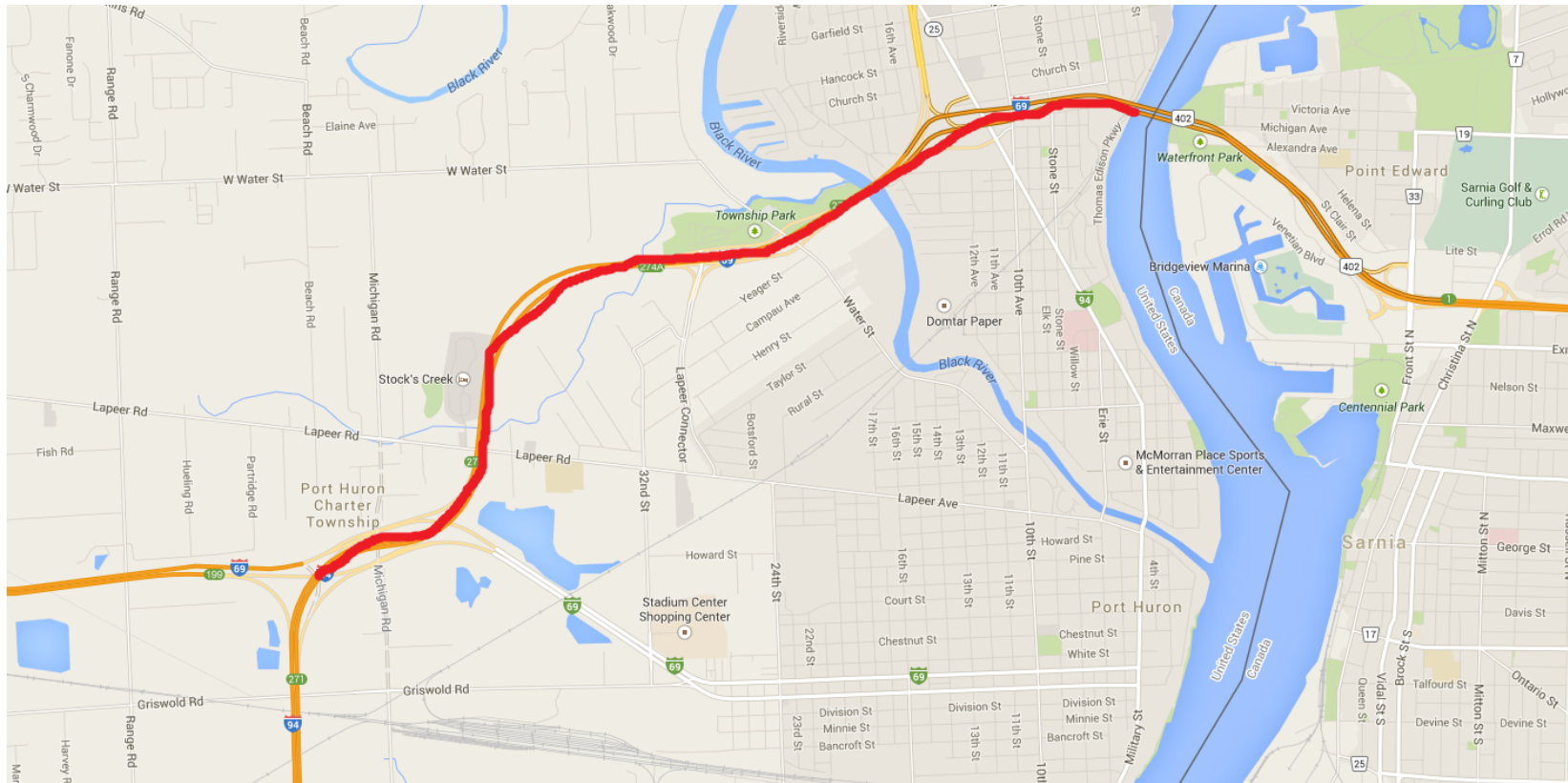
- From Noon to 7pm
- Around 650 hours of delay (325 hours on comparison day)

# I-75 Border Closure Delay

Speed on I-75 between Clay St/Exit 54 and M-85/Schaefer Hwy/Exit 43  
Averaged by 10 minutes for April 13, 2015, for April 14, 2015, for April 15, 2015, and for April 16, 2015

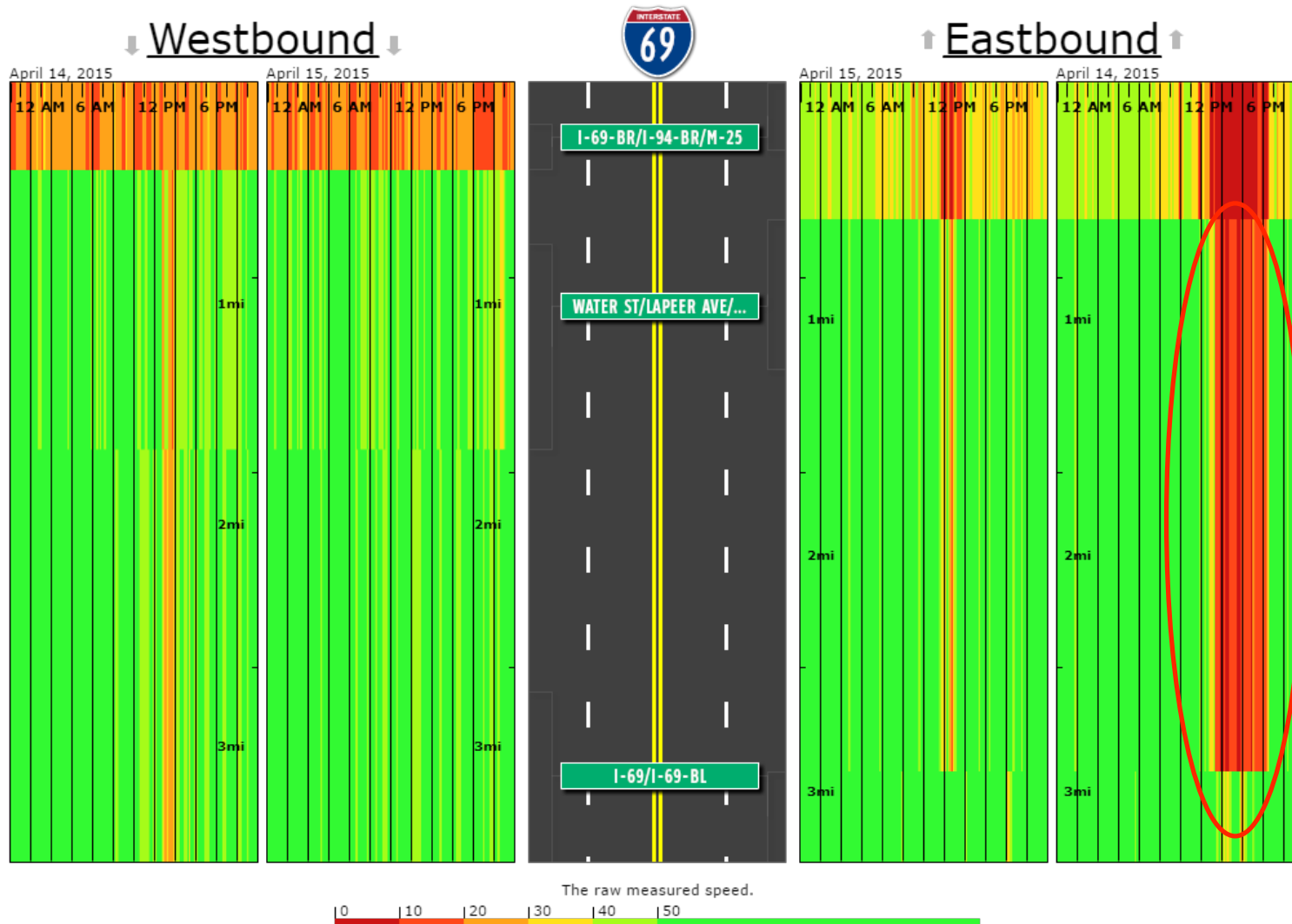


# I-69 Eastbound



# I-69 Border Closure Delay

Speed on I-69/I-94 between I-69/I-69-BL and I-69-BR/I-94-BR/M-25  
Averaged by 10 minutes for April 15, 2015 and for April 14, 2015



# I-69 Delay

- From 3pm to 9pm
- Around 1,550 hours of delay (170 hours on comparison day)



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