

*Developing Regional Solutions*



**SEMCOG**

Southeast Michigan Council of Governments

# REGIONAL TRANSPORTATION PLANNING

Ann Arbor Transportation  
Commission

February 14, 2018

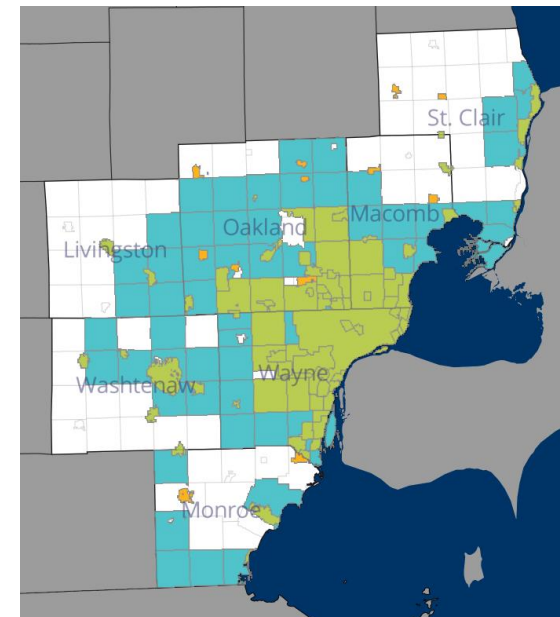
# Overview

- What is SEMCOG?
- Ann Arbor as a part of SE Michigan
- Regional Transportation Planning and Programming
- Planning and Data Resources

# What is SEMCOG?

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- Council of Governments
  - Transportation, Environment, Economic Development
  - Seven Counties
- Local Government Run
  - Elected officials
  - 171 members



# What is SEMCOG?

- Metropolitan Planning Organization (MPO)
  - Regional Transportation Plan
  - Transportation Improvement Program
  - Air Quality Conformity
  - Population and Economic Forecast
  - Transportation Model

# Washtenaw Area Transportation Study (WATS)

- Planning focused on Washtenaw County
- Federal Aid Committee
  - Proposes and prioritizes projects for Washtenaw County

# Ann Arbor in Southeast Michigan



# Ann Arbor and (SE Michigan) *Demographics*

- Population: 122,000 (4.7 million)
  - Daytime: 177,000 (5.1 million)
- Formal Education
  - Bachelor's or more 71% (28%)
- Jobs: 121,000 (2.5 million)
- Central place (multiple centers)

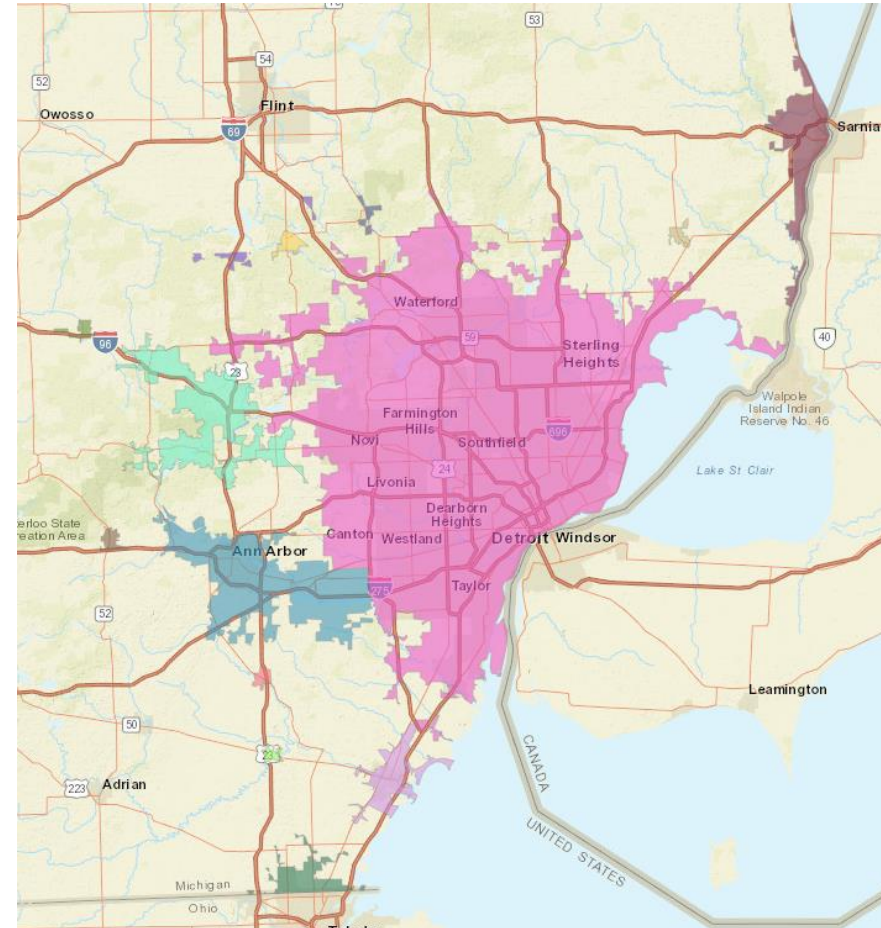
From SEMCOG's [Community Profiles](#)

# Ann Arbor and (SE Michigan) *Transportation*

- Miles of public road: 339 (25,053)
- Transportation to work
  - Drove alone 58% (84%)
  - Transit 9% (2%)
  - Walking 15% (2%)
- Crashes (2016)
  - Fatal 3 (400)
  - Serious Injury 28 (1,692)

# Ann Arbor and SE Michigan Regional Connections

- Two E/W Freeways
- One N/S Freeway
- Detroit/Chicago Rail
- Detroit Metro Airport
- Intercity Bus



# TLAs: RTP and TIP

# Regional Transportation Plan (RTP)

- Forecast
- Inventory of needs
- Long-range (25-30 years)
- Policy document
- Identifies large projects and spending priorities (federal-aid system)
- Performance measures

# Other Plans



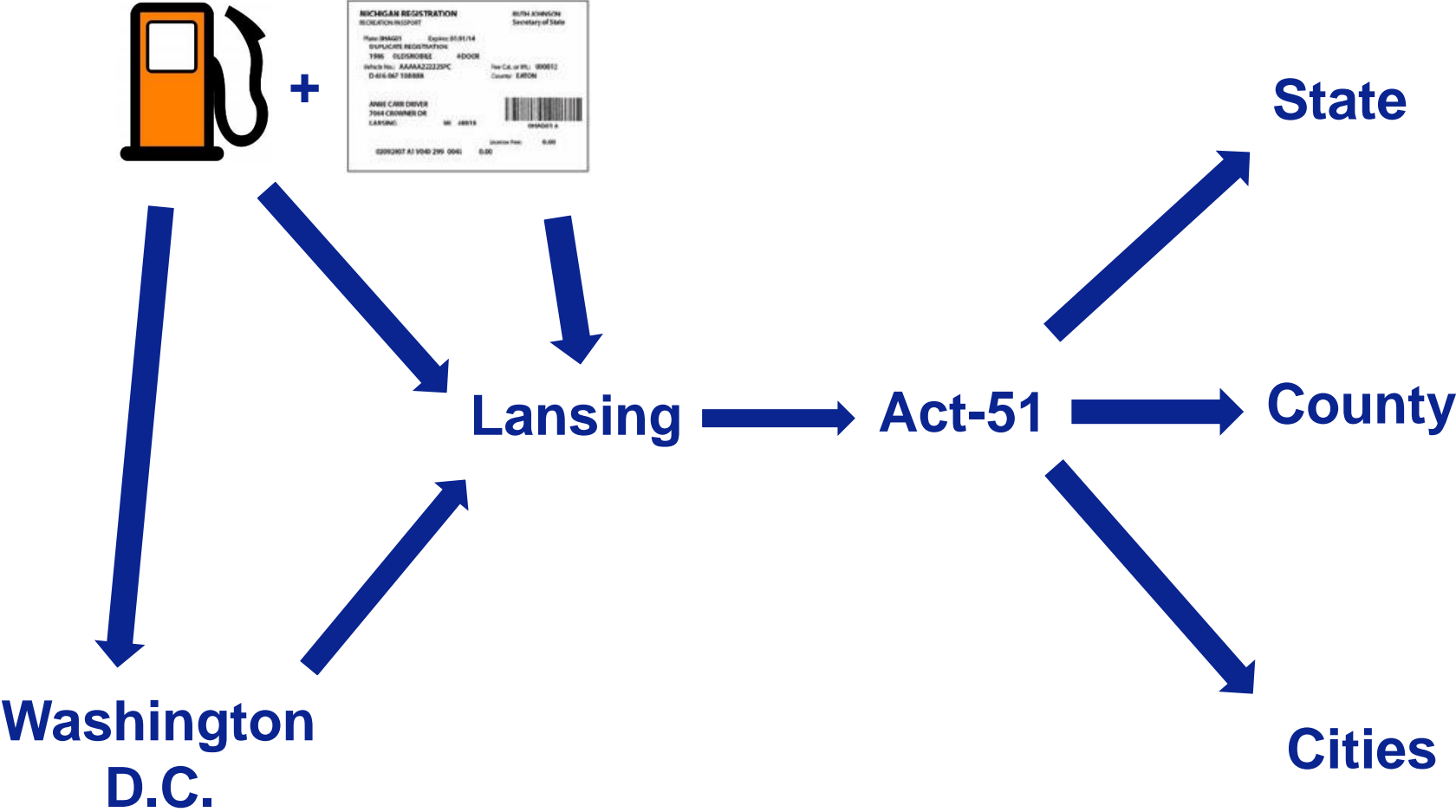
# Transportation Improvement Program (TIP)

- Four years
- List of highway and transit projects that use federal aid
- Consistent with RTP
- General Program Accounts
  - Groupings of “sub-projects”
    - » smaller, routine projects

Searchable Database:

<https://projtracker.semcog.org/>

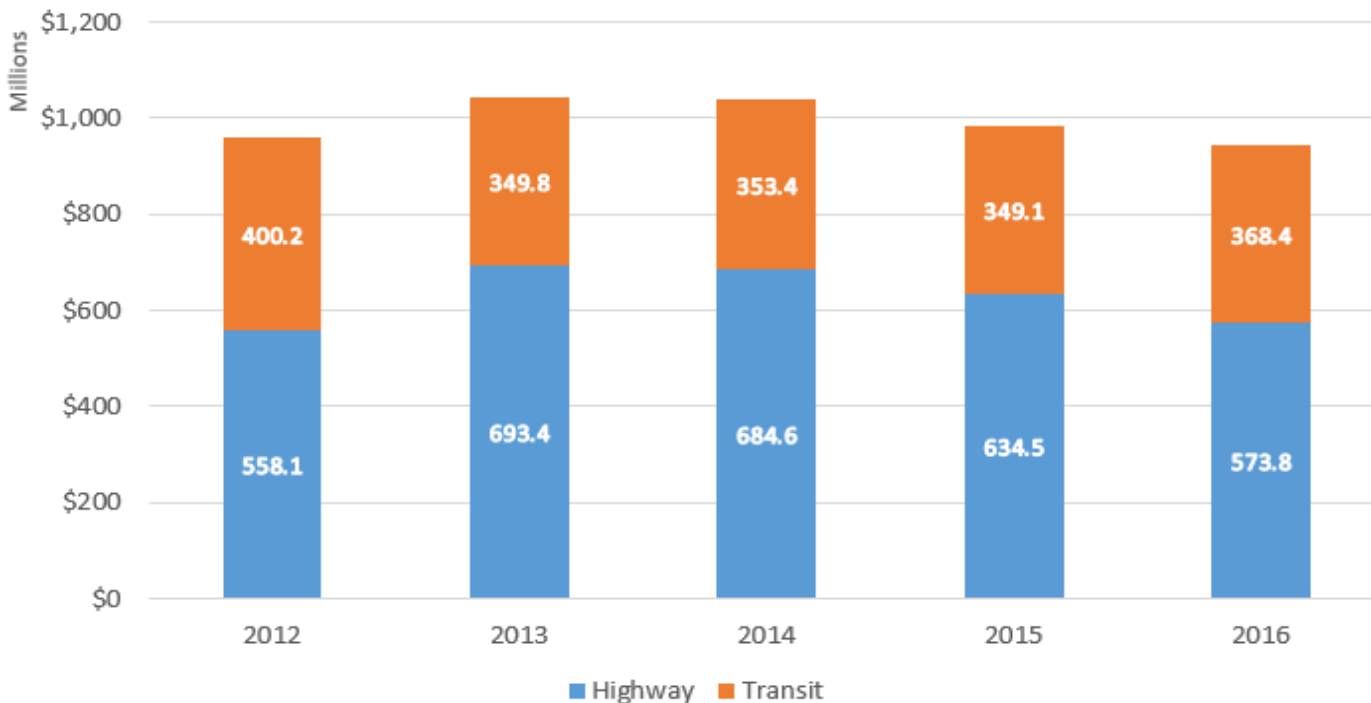
# Basic Transportation Funding



**Washtenaw County: ~\$6 million/year**



# Expected Funding vs. Need



**To reach a goal of 80% of roads to be “good” or “fair” a total of \$41 billion, or \$1.6 billion per year, will be needed over the next 25 years**

# Funding Programs

- **Surface Transportation Program**
  - Most of the formula funding
- **Transportation Alternatives Program**
  - Discretionary grants, state and regional
  - Ped and Bike, Streetscapes, Green Infra
- **Congestion Mitigation/Air Quality**
  - Signal timing, roundabouts, operations
- **TIGER/INFRA**
  - Federal discretionary grants

# Plans and Data Resources

# Resources

## *Safety*

### Southeast Michigan Traffic Safety Plan

- County-level safety emphasis areas

### Crash Location Map

- Detailed information on individual crashes
- Query tool also available

### High-Frequency Crash Location Query Tool

- Compares crash rates of similar facilities

# Resources

## *Volumes and Pavement*

### Regional Traffic Counts Database

- Query 24 hour traffic counts

### Traffic Volume Map

- Motorized vehicle daily volumes

### Pavement Condition Map

- Poor roads = very expensive repairs

# Resources

## *2045 Forecast and Public Outreach*

### 2045 Regional Development Forecast

### 2045 Forecast Explorer Map

- Forecast change in population, households, housing units, and jobs

### 2045 RTP Public Outreach Report

- Opinion survey, interactive web tool, public meetings, public comments

# Contact

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