

*Developing Regional Solutions*



**SEMCOG**

Southeast Michigan Council of Governments

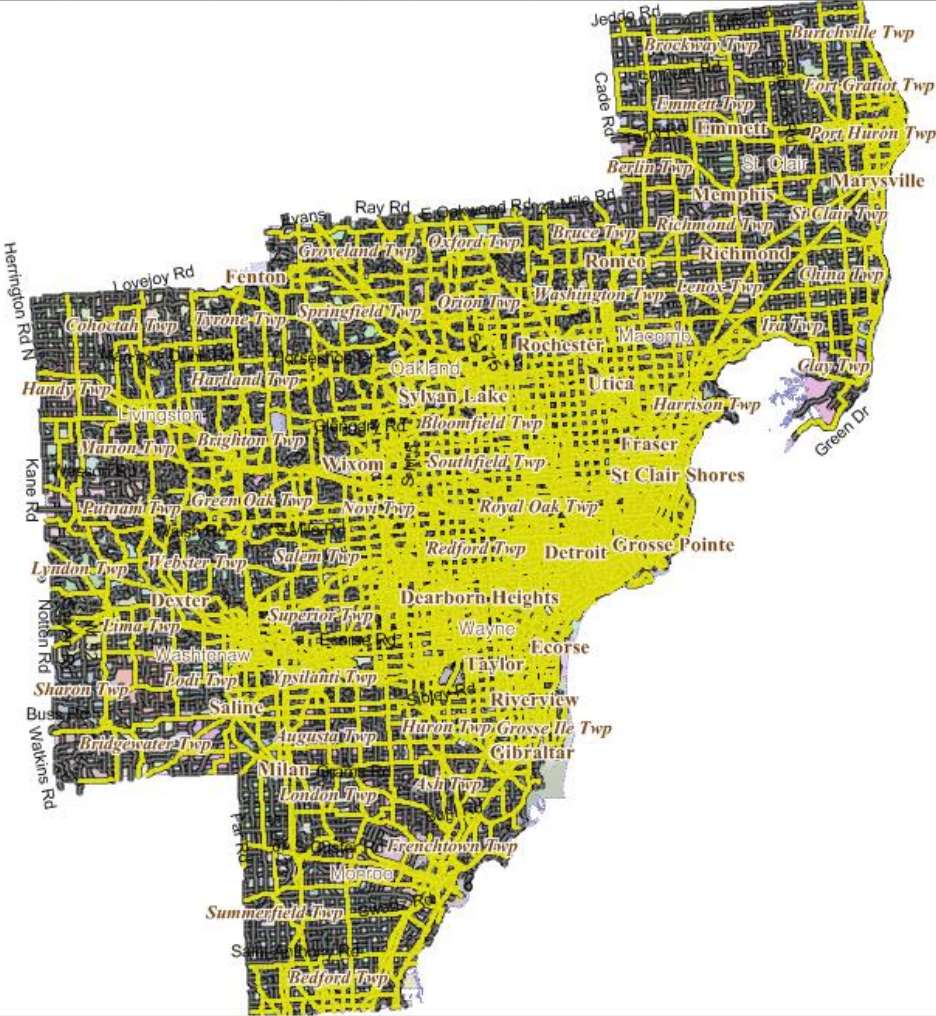
**2016 RUCUS**  
Roadsoft User Conference of the United States

# Large, Complex Dataset

- Seven county region
- Large road network
  - 29,148 miles
  - 242,966 segments
- Standards for importing data

# Federal Aid Network

Filter | 
 View Module | 
 Add Feature | 
 Projects | 
 Routine Maint.



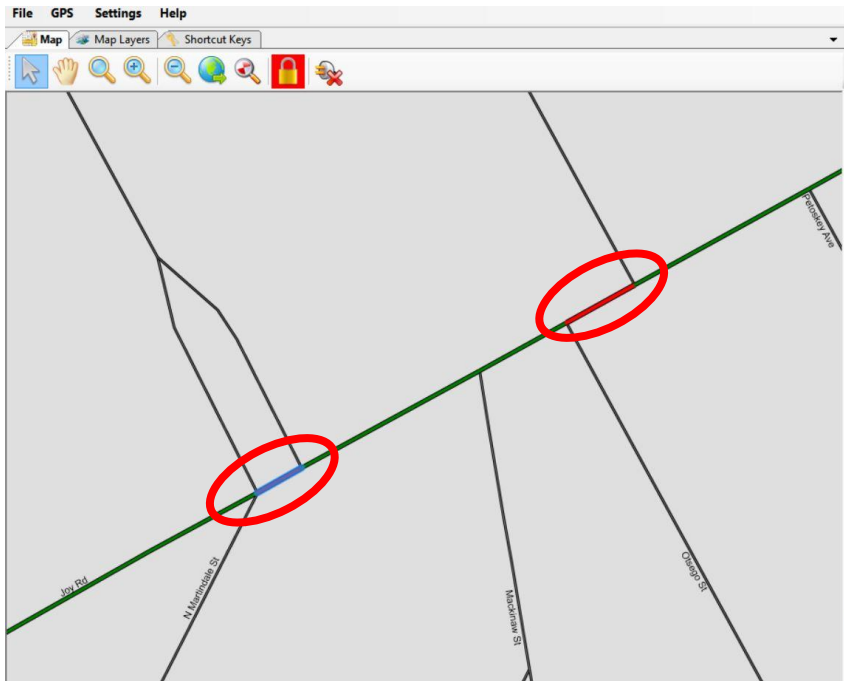
Id	FromDesc	ToDesc	SurfaceType	SurfaceSubType	LastRating	LastRatingDate	CurrRating	Lanes
1	Wick Ave	Wick Ave	Asphalt	Asphalt w/conc Curb & Gutter	3: Poor	10/9/2014	0	5
2	Wick Ave	Wick Ave	Asphalt	Asphalt w/conc Curb & Gutter	3: Poor	10/9/2014	0	5

# Federal aid data

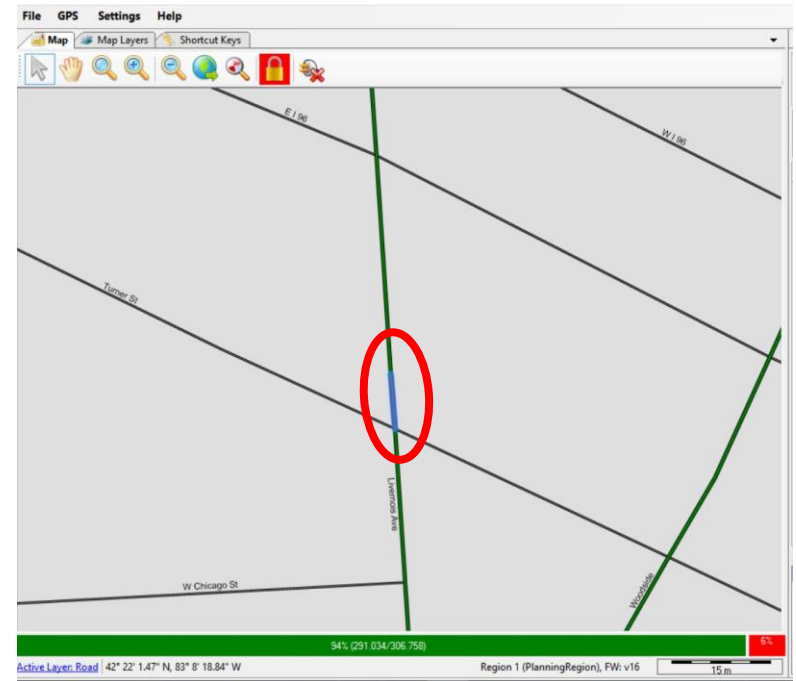
- 8,320 miles
- 69,069 segments
- Work closely with 7 counties, 1 city
- Stable LDC version
- “Check for Unrated Segments” tool
- Sandbox data

# Office Checks

## Skips



## Fragments



# Field Check

- Orphans
- Loose ends
- Complex intersections
- New roundabouts
- New construction
- Road diets and bike lanes

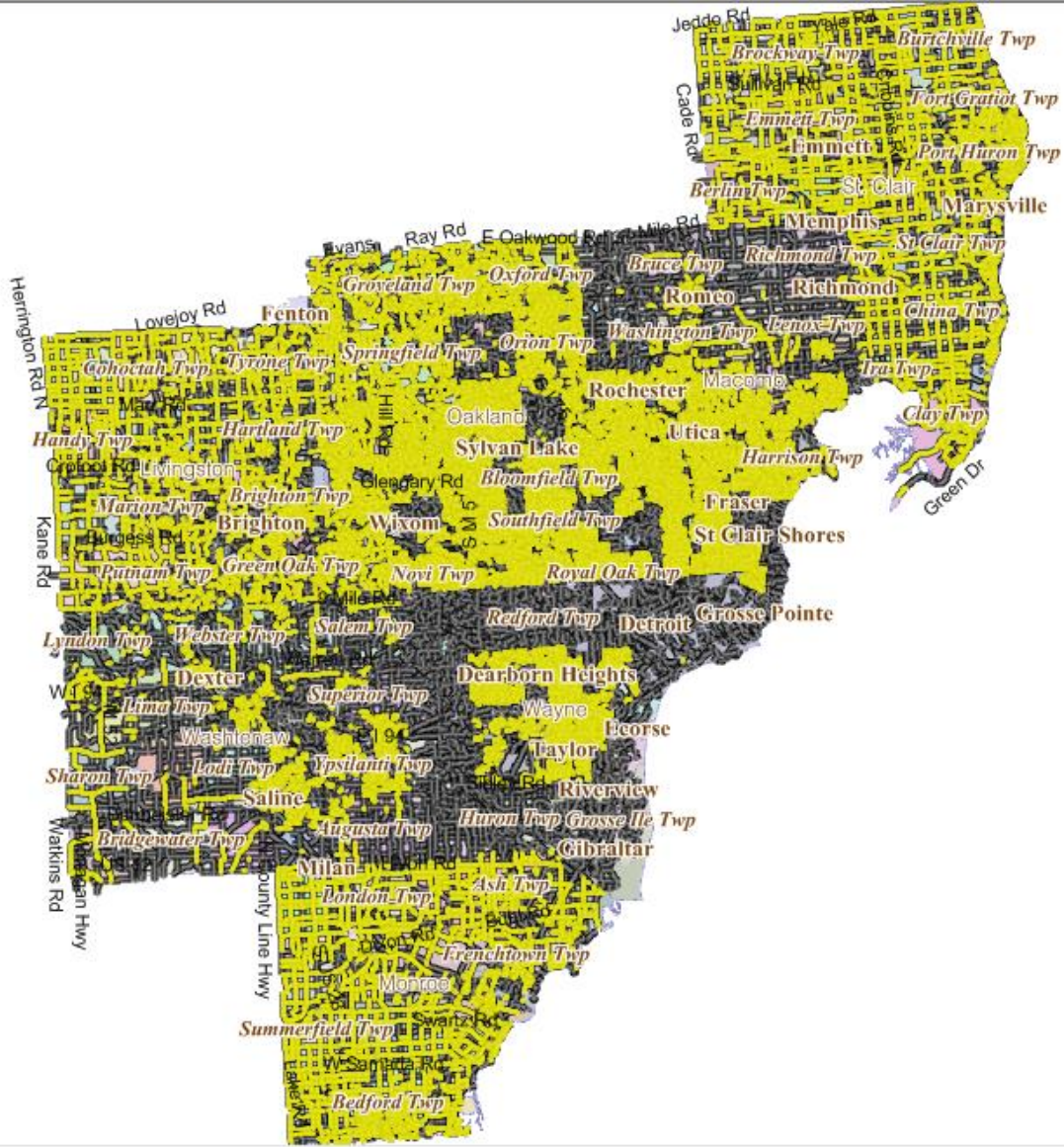
# FA Query

- County = <county>      Mi:\_\_\_ Seg:\_\_\_
- Federal aid = true      Mi:\_\_\_ Seg:\_\_\_
- Latest eval year = year      Mi:\_\_\_ Seg:\_\_\_
- Surf type = paved      Mi:\_\_\_ Seg:\_\_\_
- Confirm numbers
- Check for surface type = Unknown



# Local Data

Filter View Module Add Feature Projects Routine Maint.





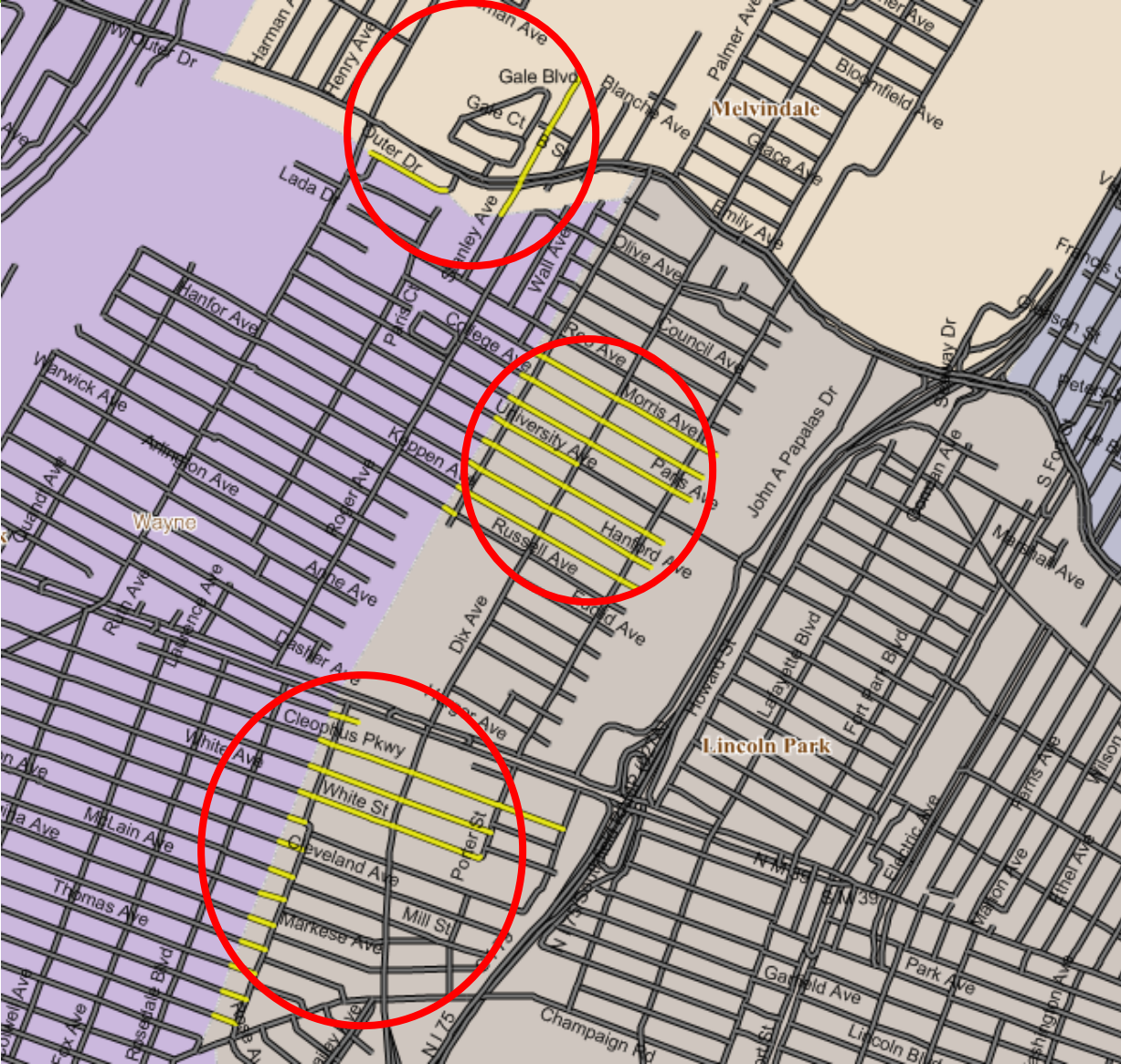
# Local Data Query

- County = <county> Mi:\_\_\_ Seg:\_\_\_
- City/twp = <city> Mi:\_\_\_ Seg:\_\_\_
- Fed aid = False Mi:\_\_\_ Seg:\_\_\_
- Act51 = <maj and min> Mi:\_\_\_ Seg:\_\_\_
- Latest eval year = year Mi:\_\_\_ Seg:\_\_\_
- Surf = paved Mi:\_\_\_ Seg:\_\_\_
- Confirm numbers, prepare report

# Error: Wrong City



# Error: City/Twp = Other



# Takeaway

- Backup, backup, backup
- Know your answer
  - Check for reasonableness
- Document
- Share

# Thank you!

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