



2025 Local Road Program

February 18, 2025



Local Road Program Overview

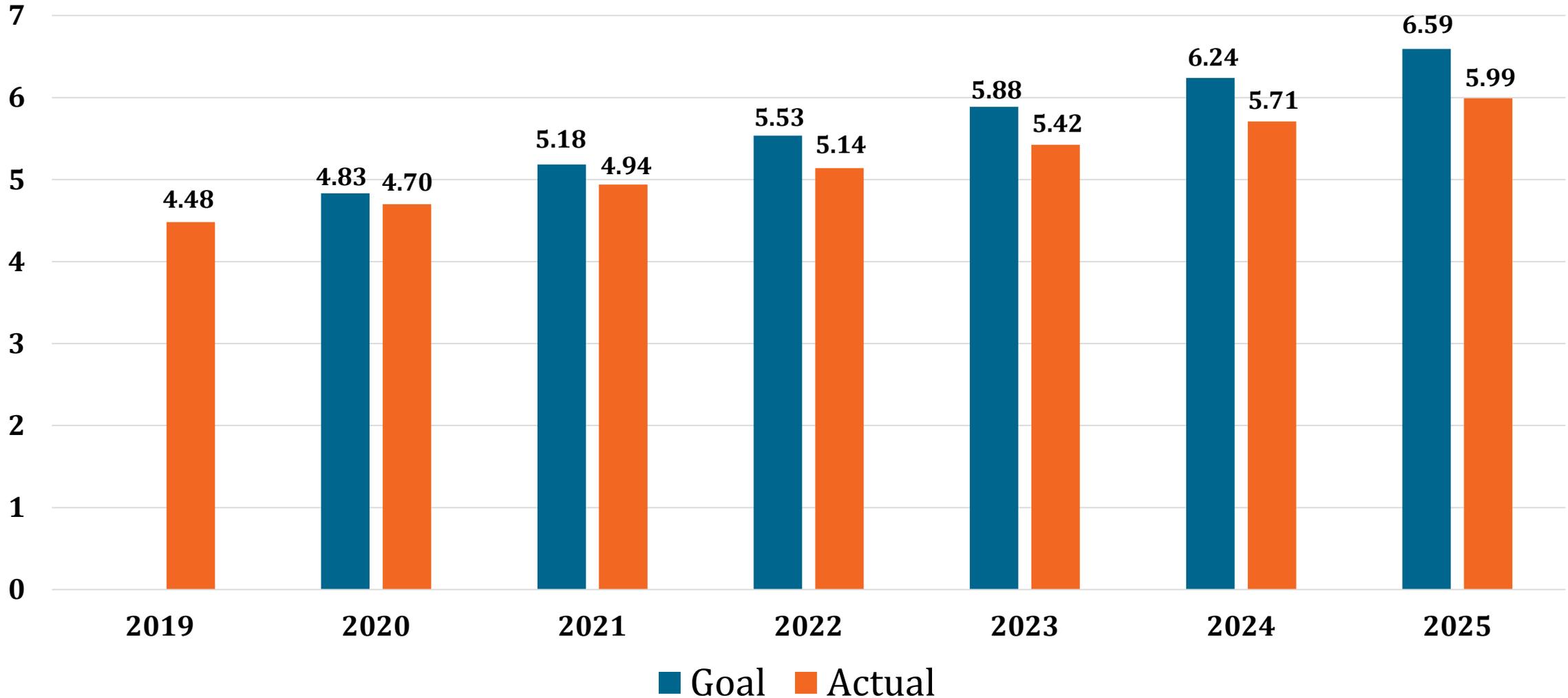
153 miles of local roads

2025 will be the sixth year of construction under the new road millage that was approved by voters in 2019.

Our goal is to obtain an average PASER rating of 8 (on a 1-10 scale)



PASER Rating Progress





PASER Rating Progress

We are behind our goal due to inflation caused by the pandemic and the huge influx in federal infrastructure funding.

Asphalt prices increased from \$60-\$65/ton in 2021 to \$90-\$110 in 2022, a 50-83% increase. Prices have been mostly flat since 2022.

We are still on pace to achieve an average PASER rating of 6.5 to 7.



2024 LRP Recap

6.32 miles of roads reconstructed

13.39 miles of crack fill (will be completed in 2025)

13.04 miles of asphalt rejuvenator

32.75 Total Miles



2024 LRP Recap Cont'd

In 2024, we also reconstructed the following roads that were scheduled for 2022-2023 construction:

2023: Randall St, W Reynolds Rd, E Reynolds Rd, Milenz St, Perry Rd, and Quail St neighborhood

2022: Reconstructed Linden St (Timberlane St to the cul-de-sac) and Timberlane St (Linden St to Melrose Ave) under a 2022 contract



2024 LRP Recap Cont'd

In 2024, we also reconstructed the following roads that were scheduled for 2025 construction:

- **Tomahawk Rd (Tacoma Blvd to Manitou Dr)**
- **Tacoma Cir (Tacoma Blvd to End)**
- **Kenosha Dr (Penobscot Dr to Birchwood Dr)**
- **Redwing Dr (Birchwood Dr to End)**
- **Dobie Cir (Dobie Rd to End)**
- **York Way (Westminster Way to Everett Ln)**







Actual 2024 Funding

State (Act 51) Funding: \$0

Ingham County Road Department: \$335,000 (Increased from the \$172,500 we received from 2020-2022)

Township General Fund: \$155,506

ARPA: \$34,924

Voter-approved road bond revenue: \$5,290,648

TOTAL: \$5,816,078



2020-2024 Overview

During the first five years of construction under the new millage, we have:

- **Reconstructed 41.13 miles of our poorest condition roads**
- **Completed 81.48 miles of preventative maintenance road work.**



2025 Overview

5.7 miles of roads being reconstructed

14.59 miles of asphalt rejuvenator

6.69 miles of crack fill

0.32 miles of asphalt stabilization

27.3 Total Miles



Thank you for your time this evening.



Rejuvenator is being applied to recently paved roads to maximize the life of these roads at a fraction of the cost to reconstruct them





What is Rejuvenator?

Rejuvenator extends the active life of the maltenes, which bind the sand and gravel together to make asphalt.

The maltenes deteriorate over time, which is one of the causes of asphalt deterioration. This treatment slows this deterioration curve.



Rejuvenator Facts

This treatment does not change the surface of the road in any way. It will look and feel the same as it did prior to treatment.

The rejuvenator absorbs into the asphalt.

Will extend the life of the road 4-7 years.

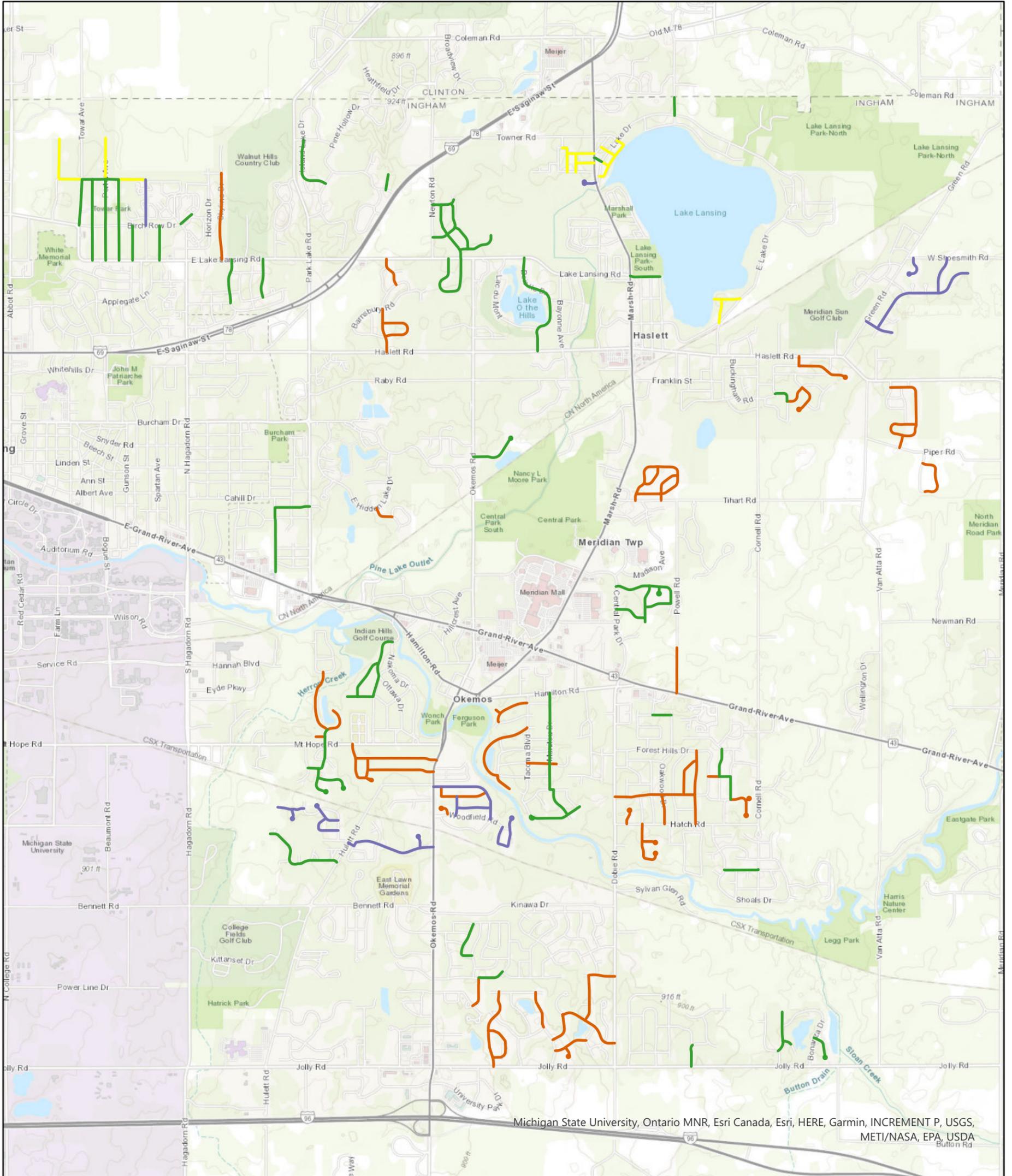


Rejuvenator ROI

3.5% of the cost of reconstructing a road.

To put it another way, this treatment produces 7 times the life expectancy of new construction per dollar invested.

MERIDIAN TOWNSHIP 2024 LOCAL ROAD PROGRAM



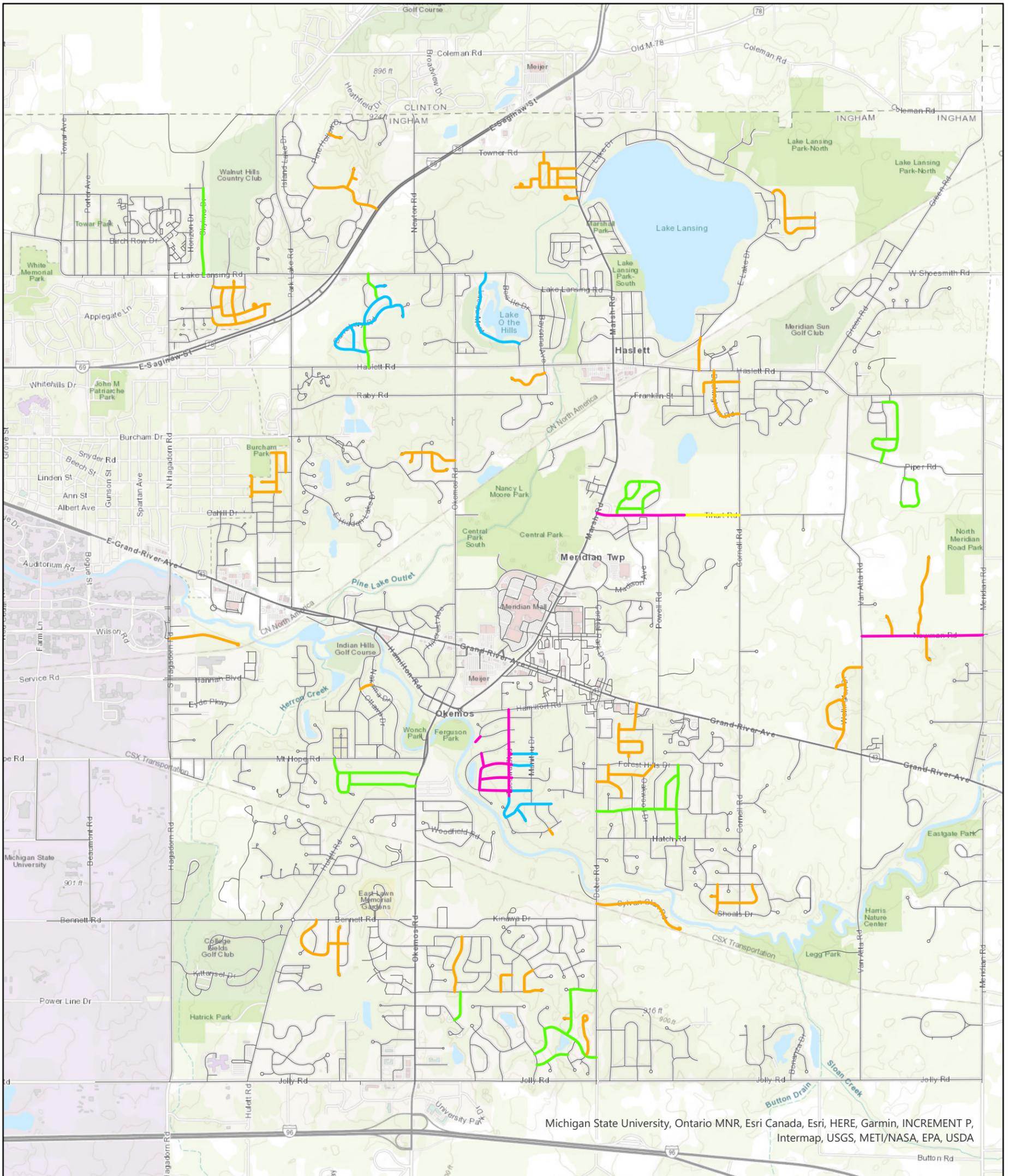
Michigan State University, Ontario MNR, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA



Legend

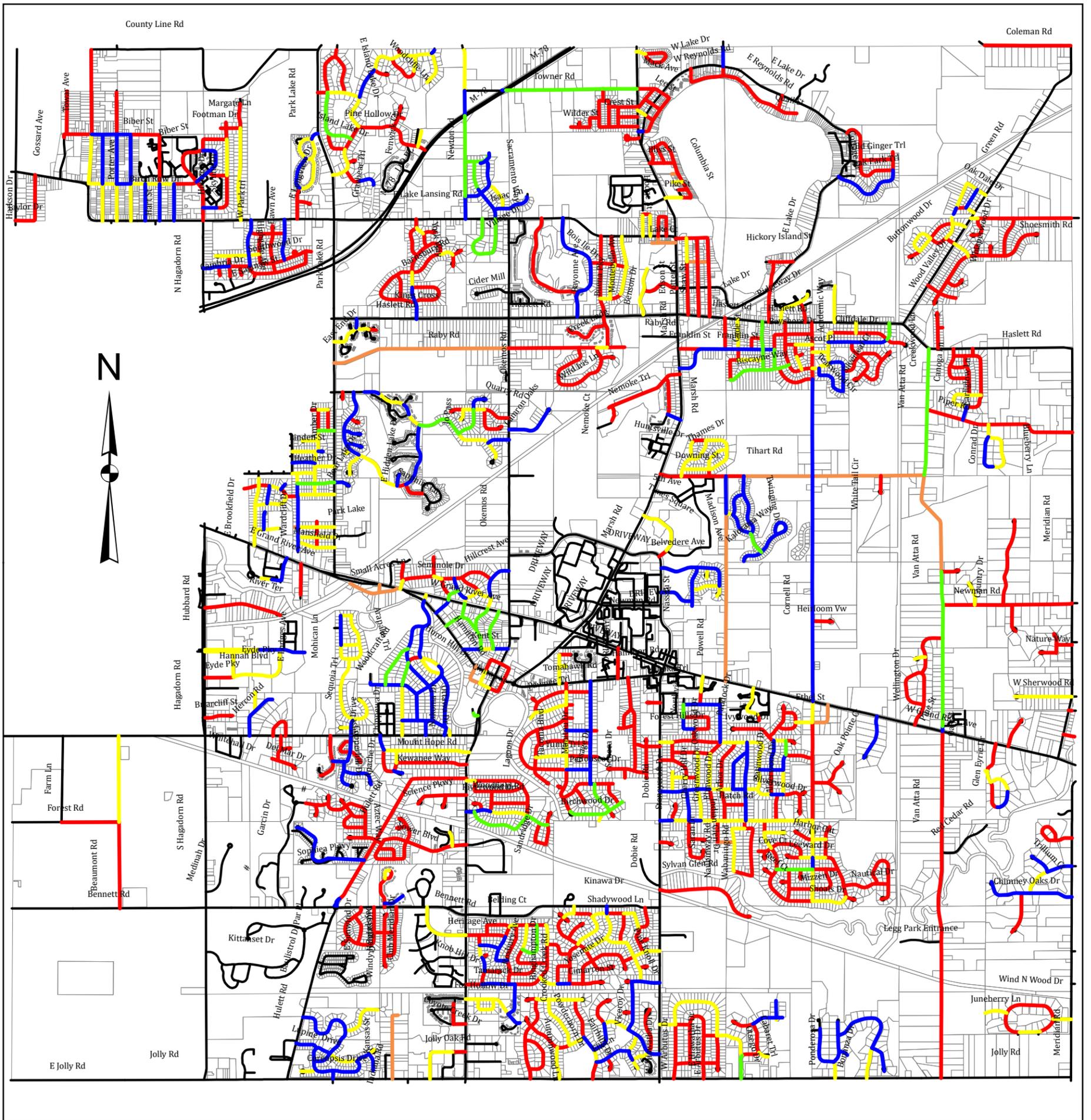
- Reconstruction of Roads with Curb & Gutter (4.27 miles)
- Reconstruction of Road without Curb & Gutter (2.05 miles)
- Spray Treatment (13.04 miles)
- Crack Fill (13.39 miles)

MERIDIAN TOWNSHIP 2025 LOCAL ROAD PROGRAM



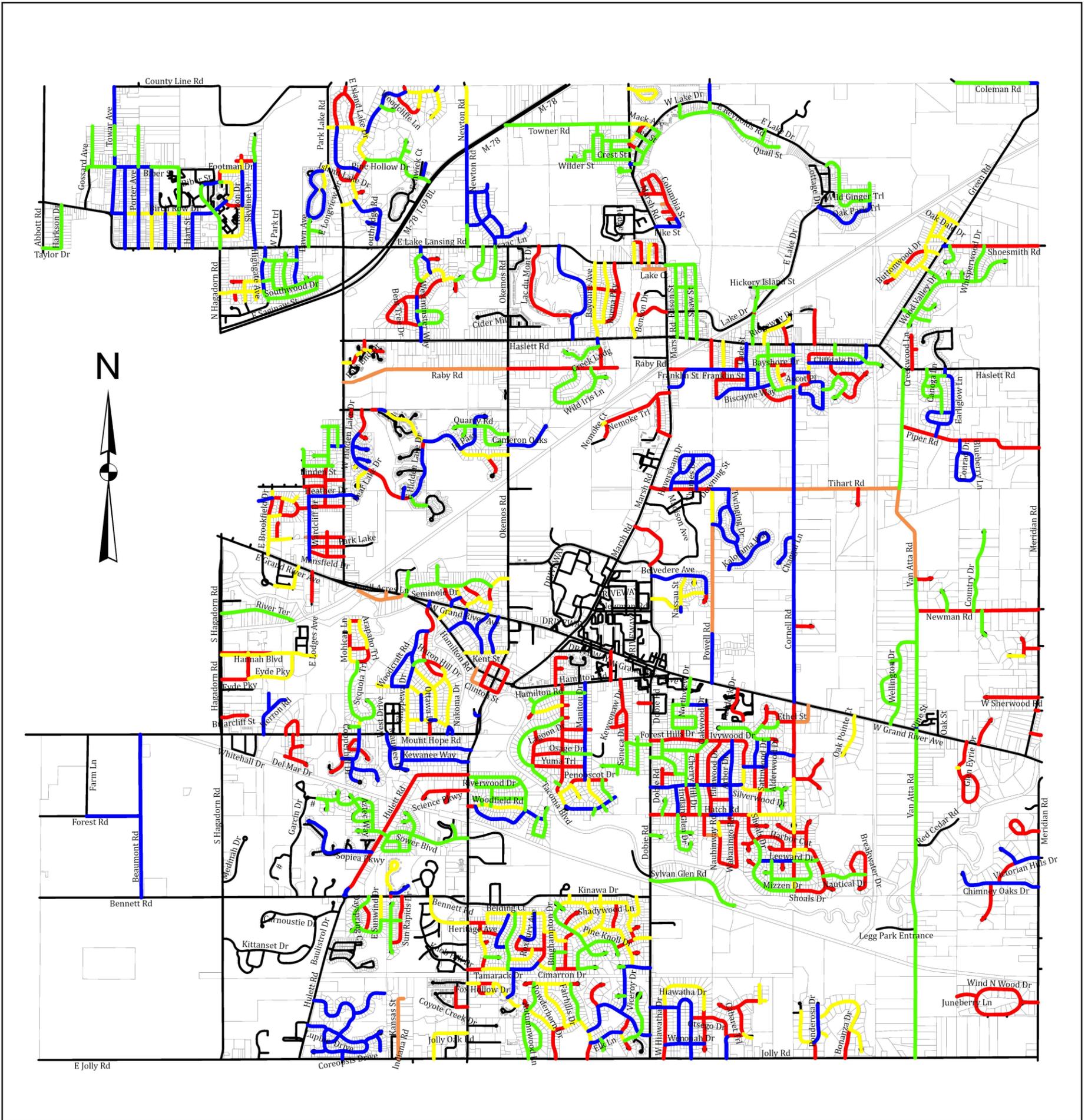
Legend	
—	Reconstruction of Roads with Curb & Gutter (3.02 miles)
—	Reconstruction of Roads without Curb & Gutter (2.68 miles)
—	Spray Treatment (14.59 miles)
—	Crack Fill (6.69 miles)
—	Asphalt Stabilization (0.32 miles)

MERIDIAN TOWNSHIP LOCAL ROAD RATINGS



PASER Rating & Mileage	
Green line	10-9 (Excellent) - 8.937 mi
Blue line	8-6 (Very Good : Good) - 30.350 mi
Yellow line	5-4 (Fair) - 33.345 mi
Red line	3-1 (Poor : Failed) - 74.984 mi
Orange line	Gravel - 5.160 mi
Black line	Non-Local (i.e. Private; State; Primary; etc.)

MERIDIAN TOWNSHIP LOCAL ROAD RATINGS



PASER Rating & Mileage	
Green	10-9 (Excellent) - 42.553 mi
Blue	8-6 (Very Good : Good) - 39.463 mi
Yellow	5-4 (Fair) - 24.186 mi
Red	3-1 (Poor : Failed) - 42.128 mi
Orange	Gravel - 4.731 mi