



2024 Local Road Program

March 19, 2024



Local Road Program Status

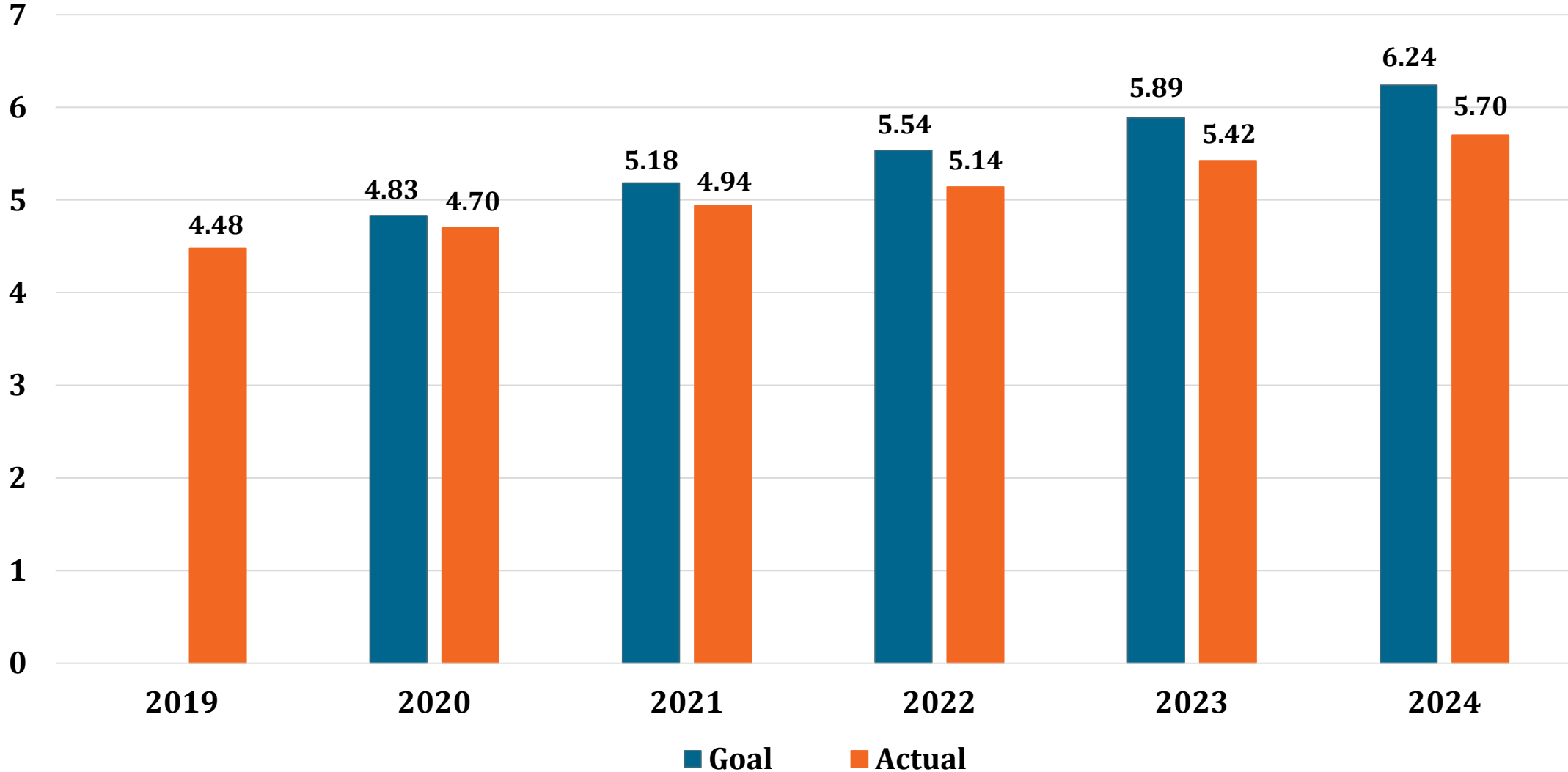
153 miles of local roads (Increased from 148 when the program began in 2020)

This year 5 of our 10-year plan

Our goal is to obtain an average PASER rating of 8 at the end of the 10 years



PASER Rating Progress





PASER Rating Progress

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

We are still on pace to achieve an average PASER rating of 6.75 to 7.25.



2023 Review

5.9 miles of roads reconstructed

3.94 miles of crack fill

7.29 miles of “chip and fog” treatment

14.27 miles of asphalt rejuvenator

31.4 Total Miles







2024 LRP 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: \$280,000

Voter-approved road bond revenue: \$4.25 million

TOTAL: \$4,865,000



2024 Overview

6.32 miles of roads being reconstructed

13.39 miles of crack fill

13.04 miles of asphalt rejuvenator

32.75 Total Miles



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 restores the maltenes, which bind the sand and gravel together to make asphalt.

The maltenes deteriorate over time, which is what causes asphalt to deteriorate. This treatment slows the 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

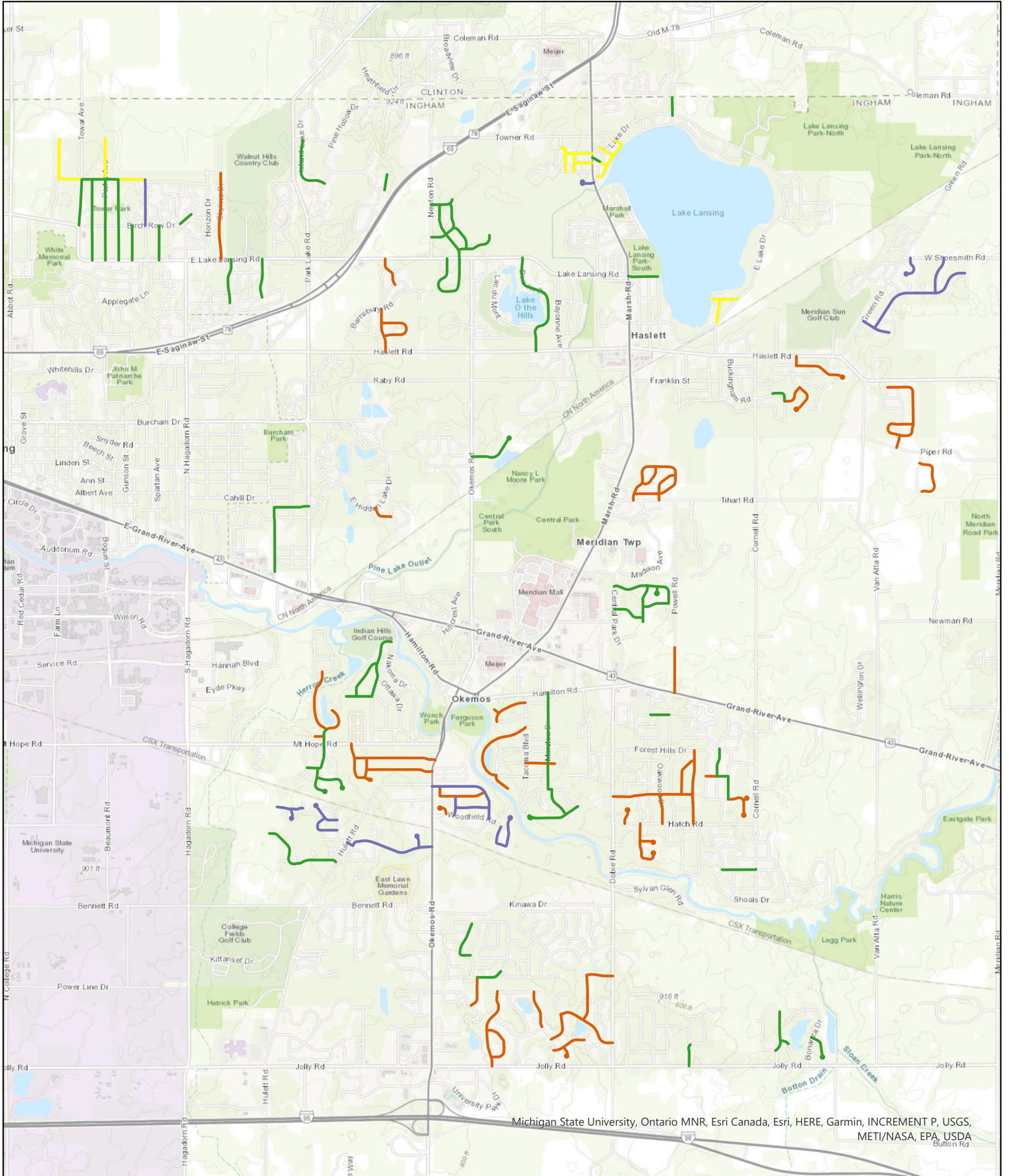
3.5% of the cost of reconstructing a road.

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



Thank you for your time this evening.

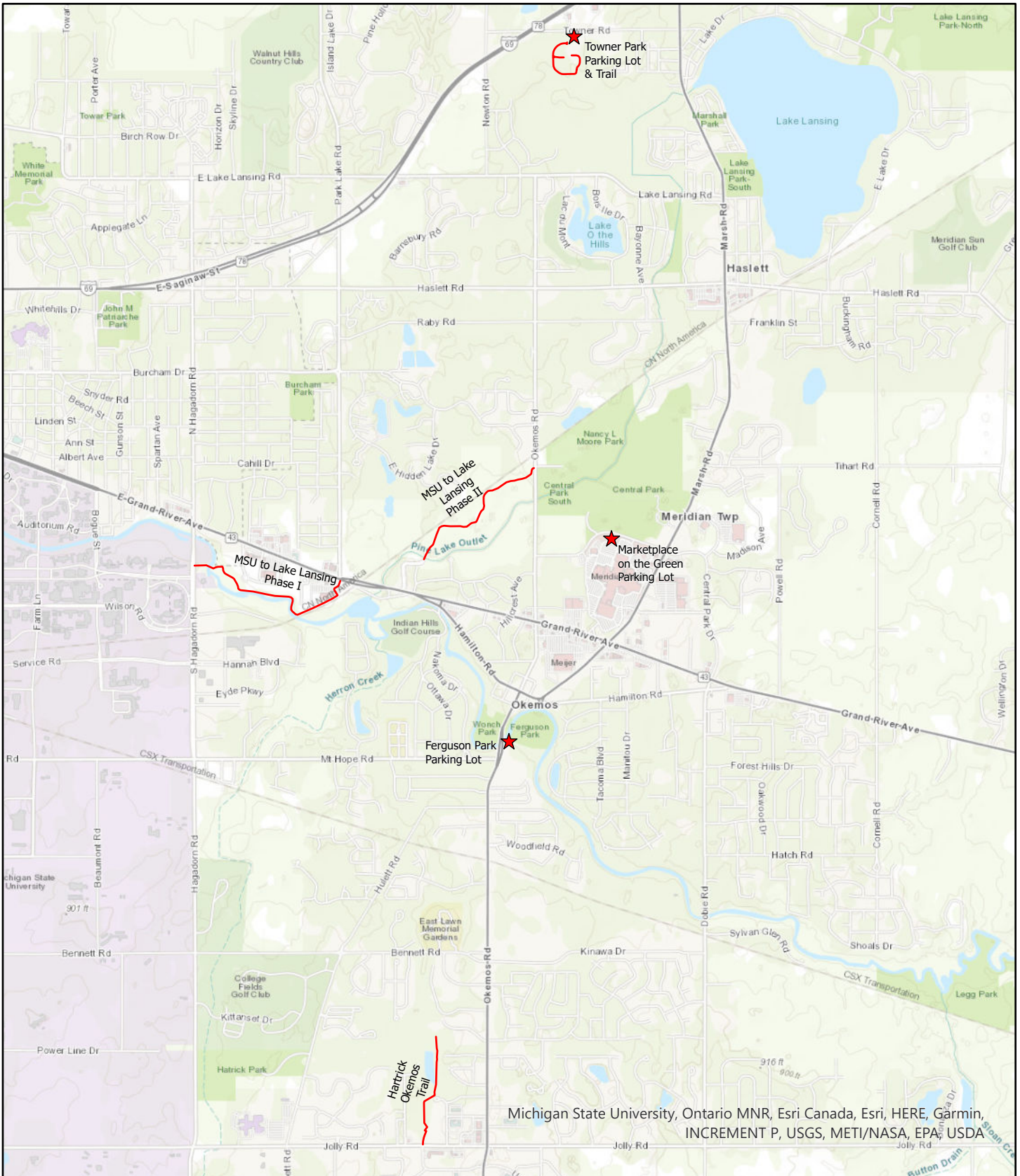
MERIDIAN TOWNSHIP 2024 LOCAL ROAD PROGRAM



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

Roads and Trails Mobilization Map



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

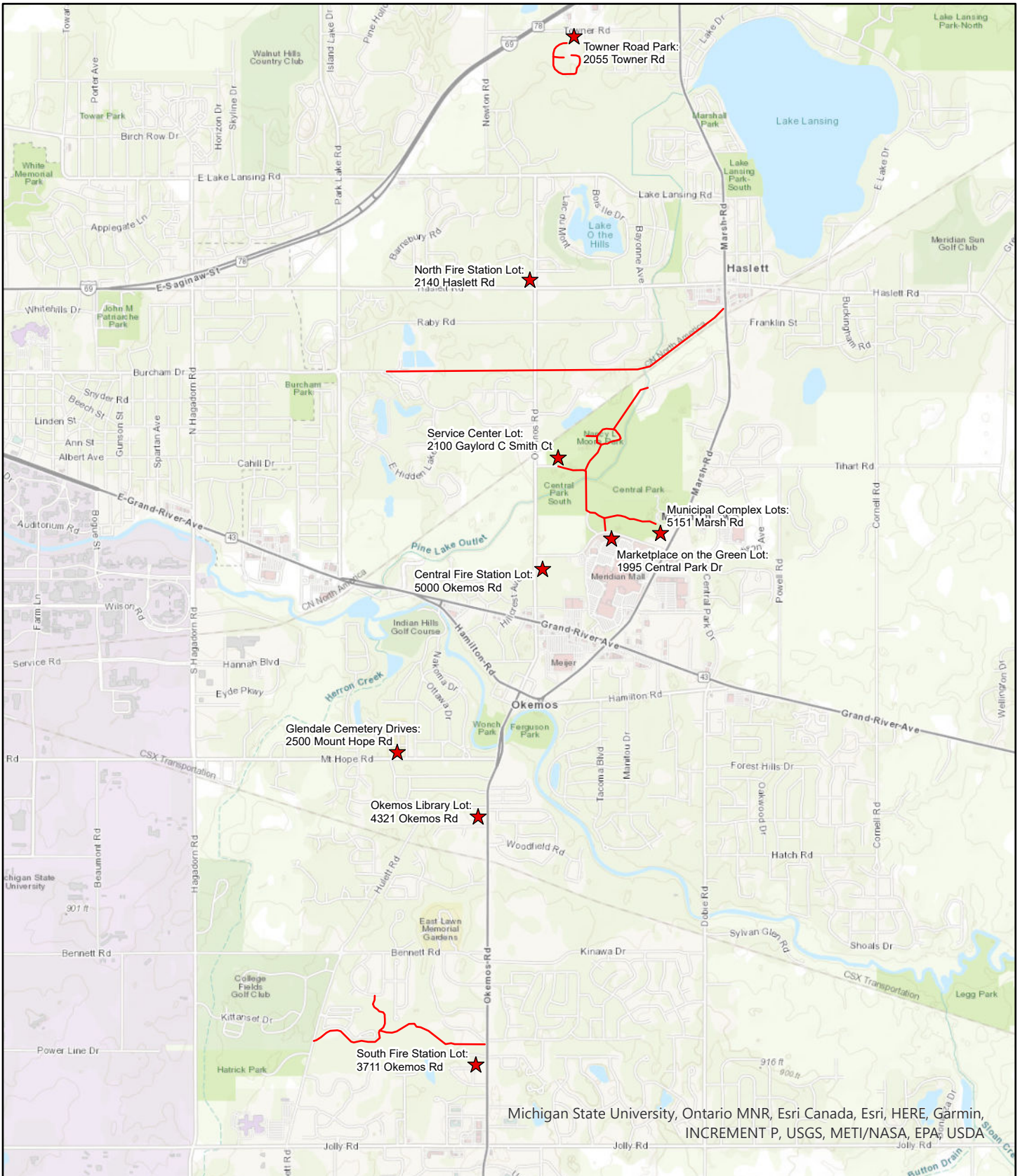


Legend

- Pathways and Trails
- ★ Parking Lots

MERIDIAN TOWNSHIP

2024 Mobilization Map (Crack Fill)



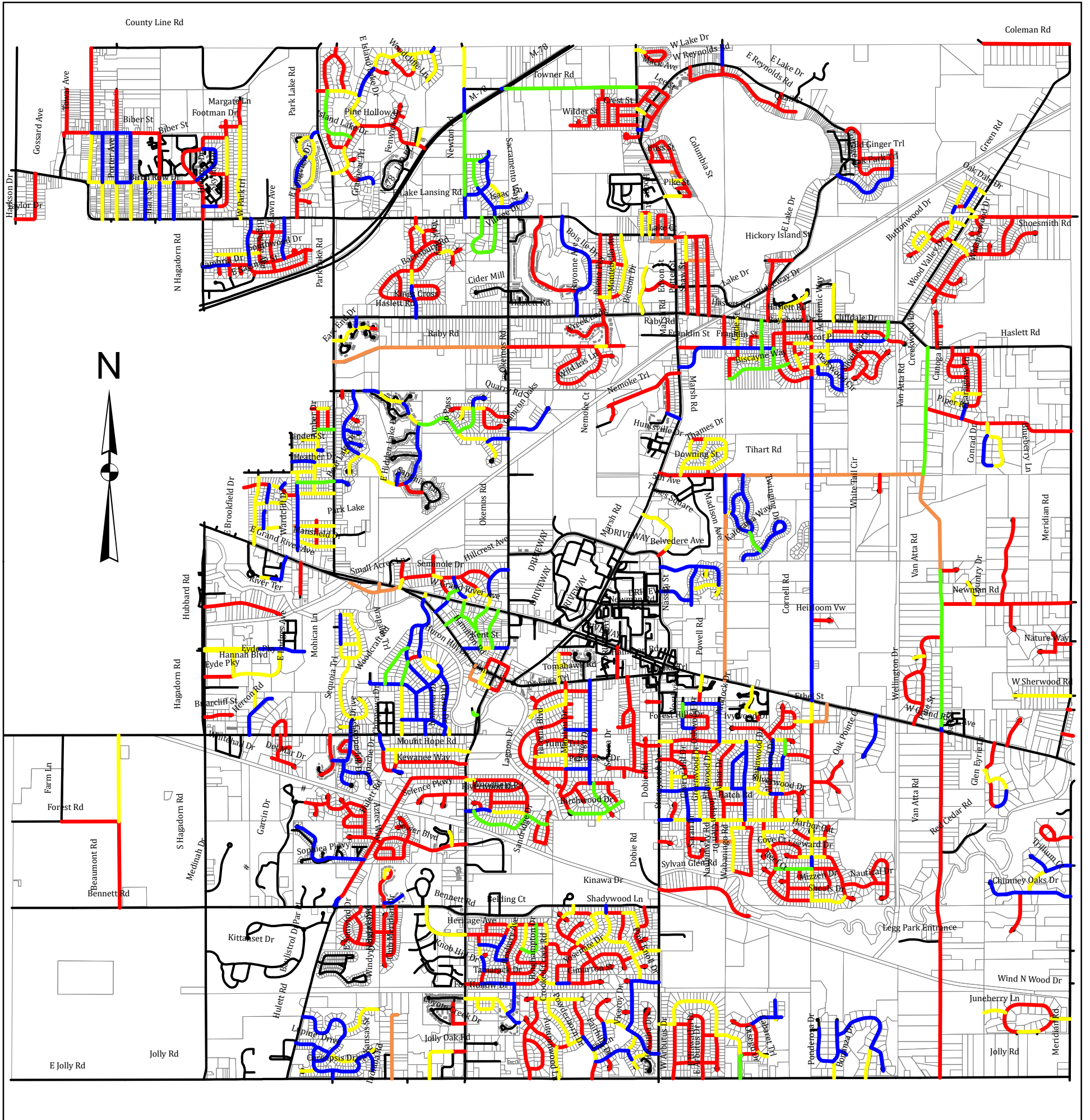
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Legend

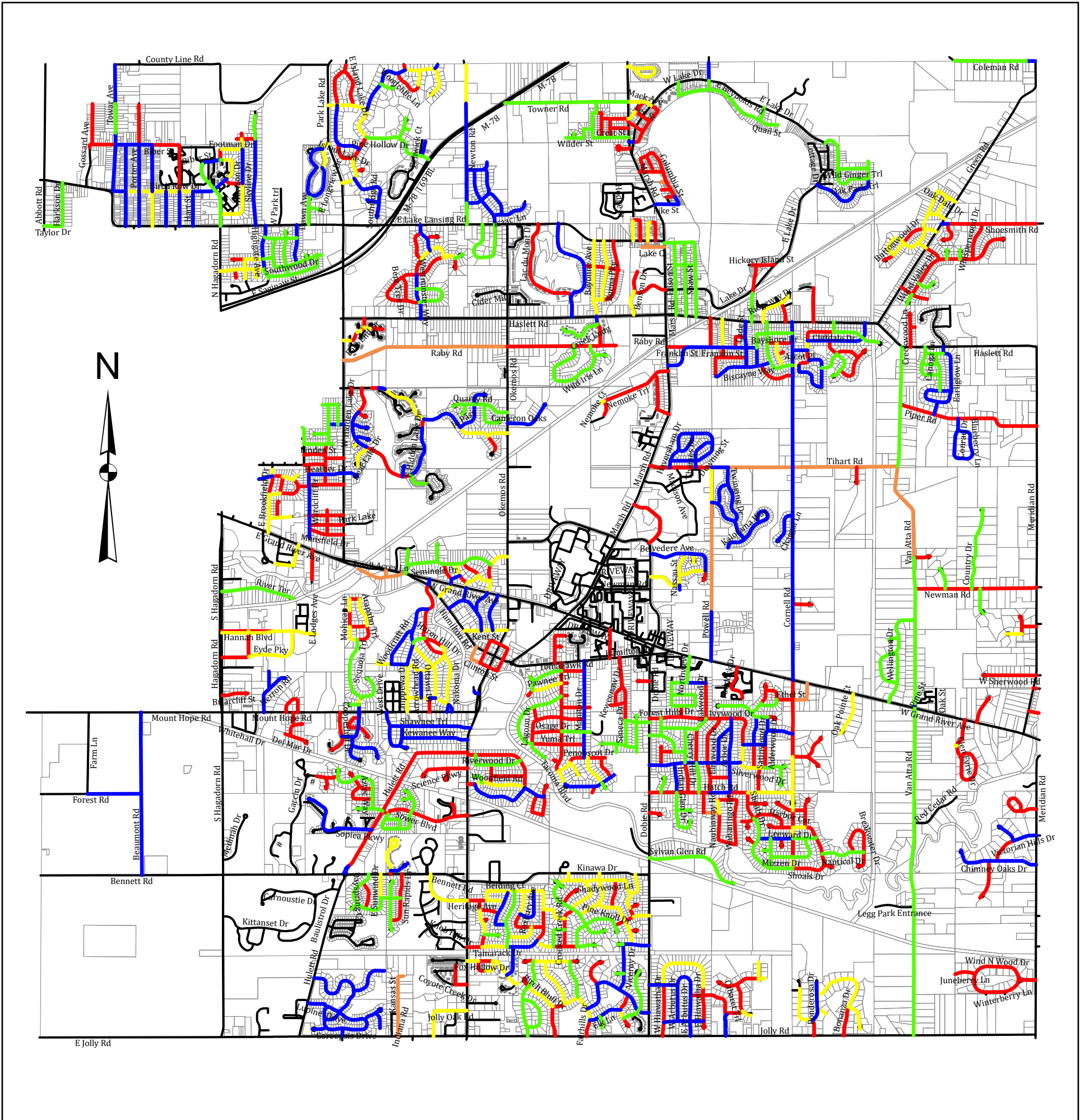
- ★
Parking Lots
- Pathways and Trails

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	
10-9 (Excellent)	- 35.612 mi
8-6 (Very Good : Good)	- 39.463 mi
5-4 (Fair)	- 24.186 mi
3-1 (Poor : Failed)	- 49.181 mi
Gravel	- 4.731 mi