

SEMCOG SAFE STREETS NOW

TAP GRANT



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- Region Total: \$7 Million in Transportation Alternatives Program (TAP) funds
- “Shovel-ready” projects to enhance pedestrian and bicycle safety
- FY 2027

MADISON HEIGHTS PROJECT DETAILS

- Four (4) Rectangular Rapid Flashing Beacon (RRFB) systems and ramps/crosswalks
- Two (2) mid-block mini traffic circles.
- Total Project Cost: **\$225,753**
- Madison Heights awarded **\$180,602** in grant funding.
- 20% Local Match: **\$45,150**



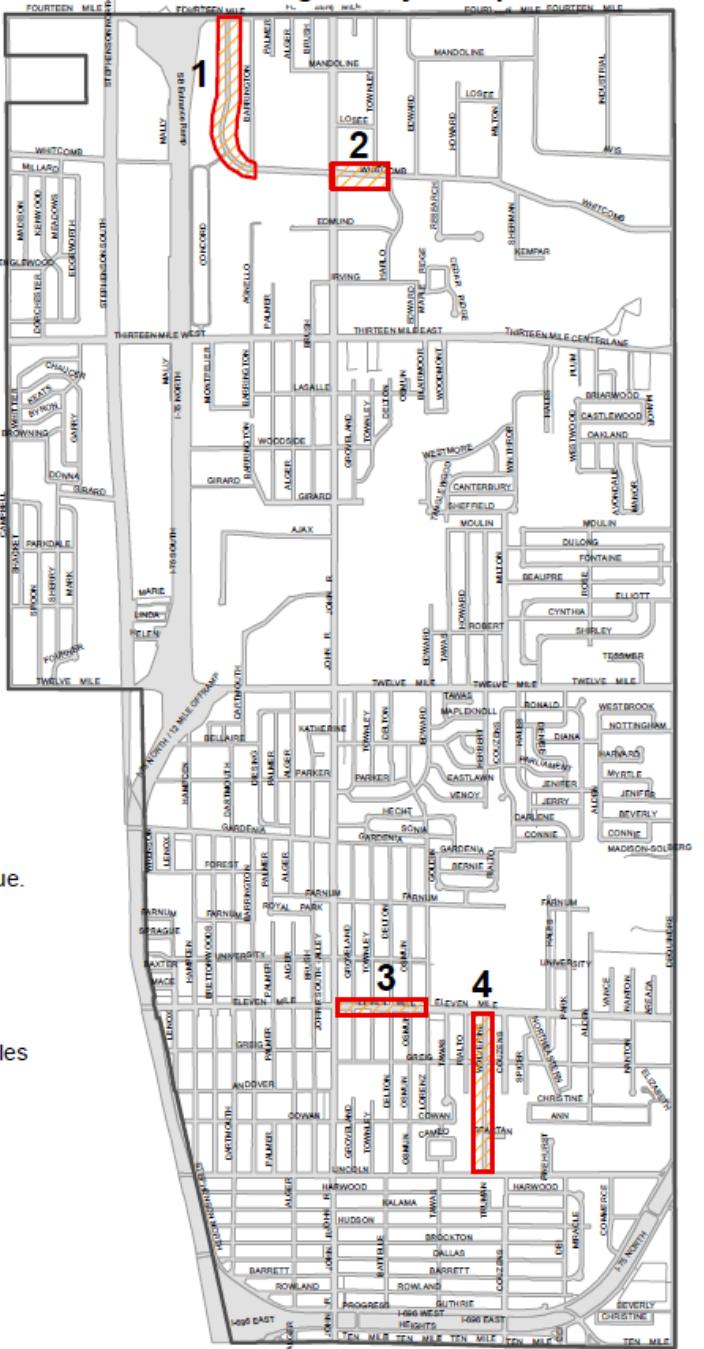


SEMCOG Safe Streets Now Grant Madison Heights Project map

PROJECTS

- 1 Concord Dr. RRFBs (x 2)
- 2 Whitcomb Avenue. RRFB (x 1)
- 3 11 Mile / DDA RRFB (x 1)
- 4 Wolverine St. Mini Traffic Circles (x 2)

N
1 inch = 2,172 feet



PROJECT SELECTION

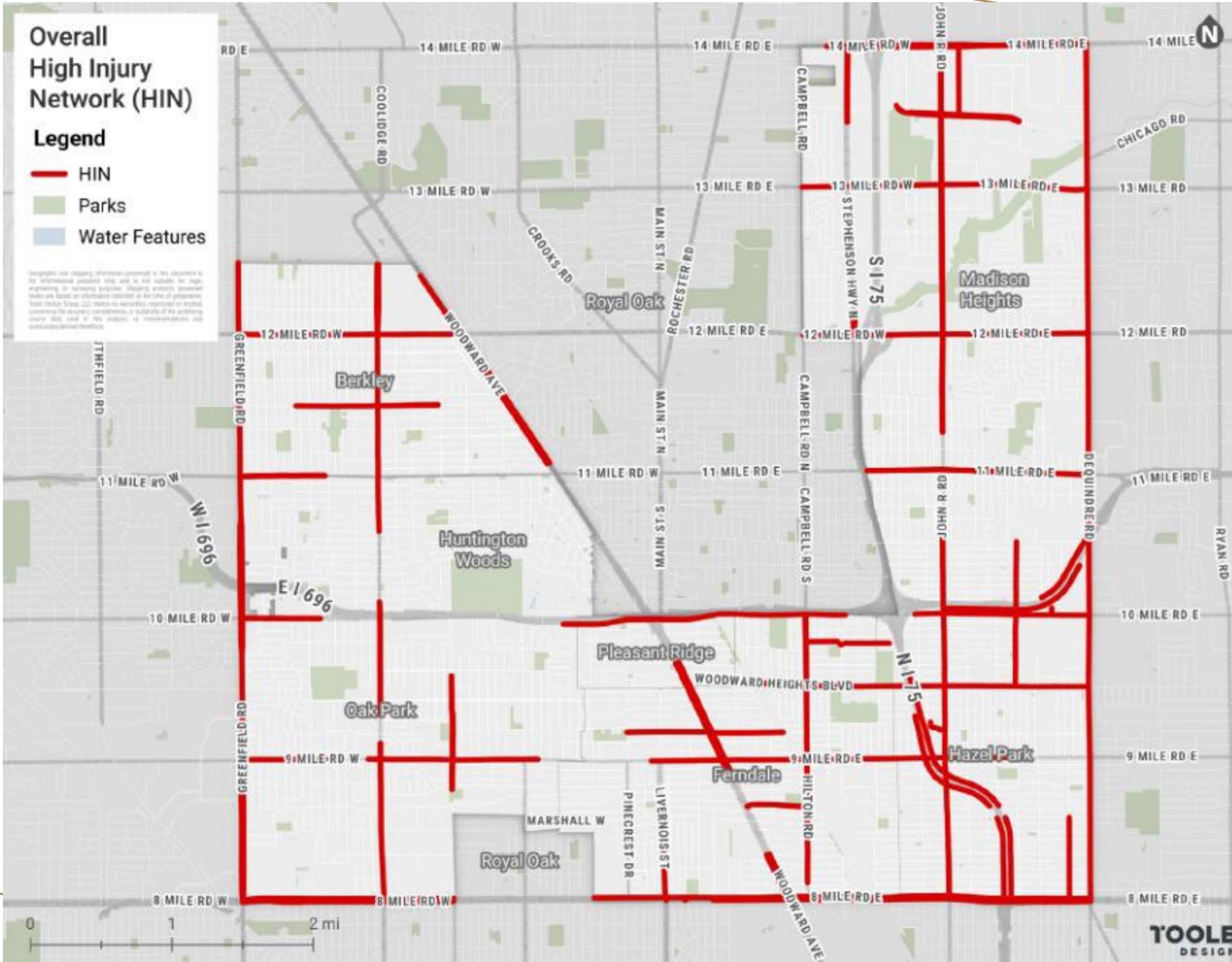
- SE Oakland County Safety Action Plan (2025)
- Vision Zero Resolution (2024)
- Madison Heights Master Plan
- 11 Mile/DDA Streetscape Plan (2024)
- People-Powered Transportation Program

Overall High Injury Network (HIN)

Legend

- HIN
- Parks
- Water Features

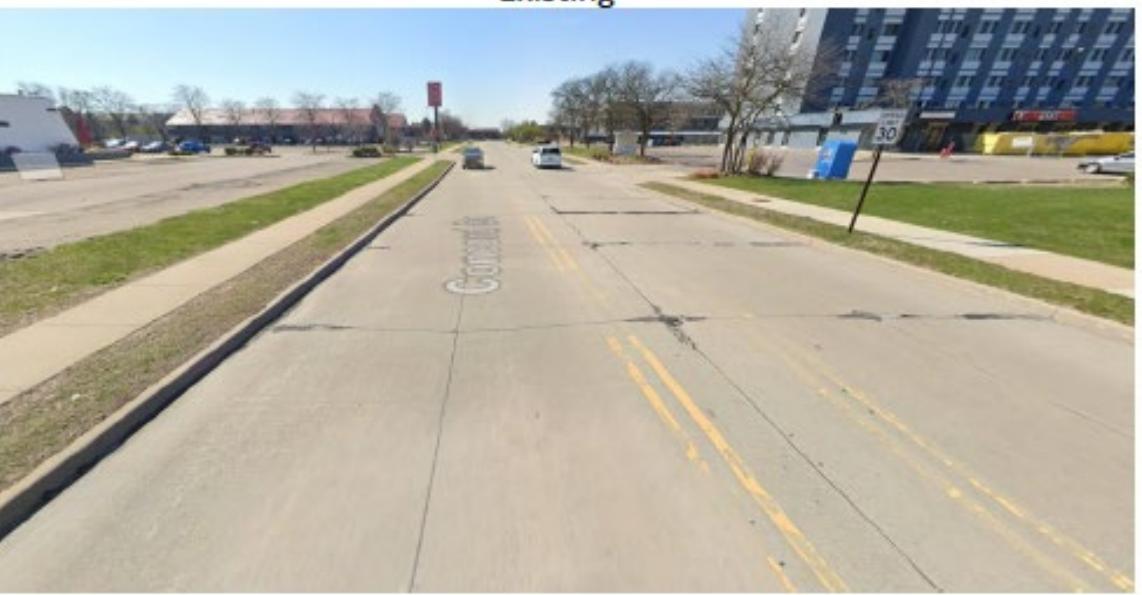
Geographic and mapping information systems (GIS) are also used for environmental purposes, and are not suitable for engineering, or mapping purposes. Mapping systems are often used as a substitute for the results of physical design. Oracle 12C makes no mechanism, or constraint, for identifying these relationships, or validating if they are true. This makes for poor analysis, or inconsistent conclusions derived from them.



RECTANGULAR RAPID FLASHING BEACON (RRFB)

- Placed mid-block or at unsignalized crosswalks
- Pedestrian-activated flashing LEDs and pedestrian crossing signs
- Solar-powered
- Boost driver yielding rates to as high as 98% and reduce pedestrian crashes by up to 47% (FHWA).
- **Four (4) RRFBs: Concord Drive (x2), E. Whitcomb Avenue, and E 11 Mile Road.**









Existing



Proposed (for reference only)

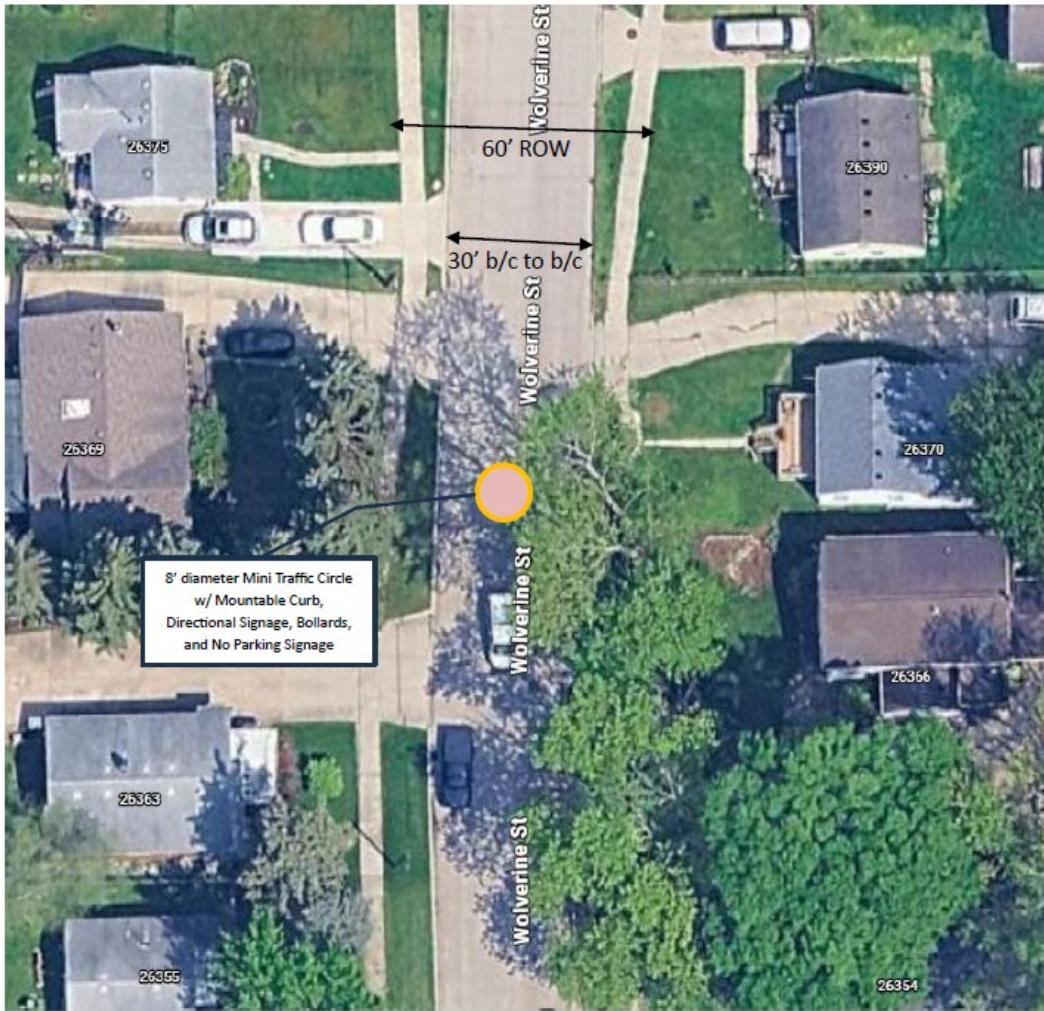


MINI TRAFFIC CIRCLES

- Placed mid-block within neighborhoods streets
- Narrows travel lane and slows down vehicle speeds
- Mountable curbs and bollards; reflective signs
- Two (2) circles: Wolverine Street between 11 Mile and Lincoln [Bike Route w/sharrows]



Mini Traffic Circle 4a (north)



Mini Traffic Circle 4b (south)



PROJECT DETAILS

Anticipated Construction: Spring/Summer 2027

Anticipated Maintenance needs/cost (DPS):

- Sectional pavement repair
- Replacement of plastic bollards, signage, reflective panels
- Repair of RRFB pushbuttons and flashing lights
- Re-painting of pavement markings

\$45,150 Local Match [Act 51 Major Roads Funding]

THANK YOU

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