

Martz Rd at Whittaker Rd Roundabout Project

Design Information Meeting
August 14, 2025



Agenda

- I. Meeting instructions
- II. Presentation
- III. Q and A

Today's Presenter



Becky Houle
Project Manager –
Traffic & Safety



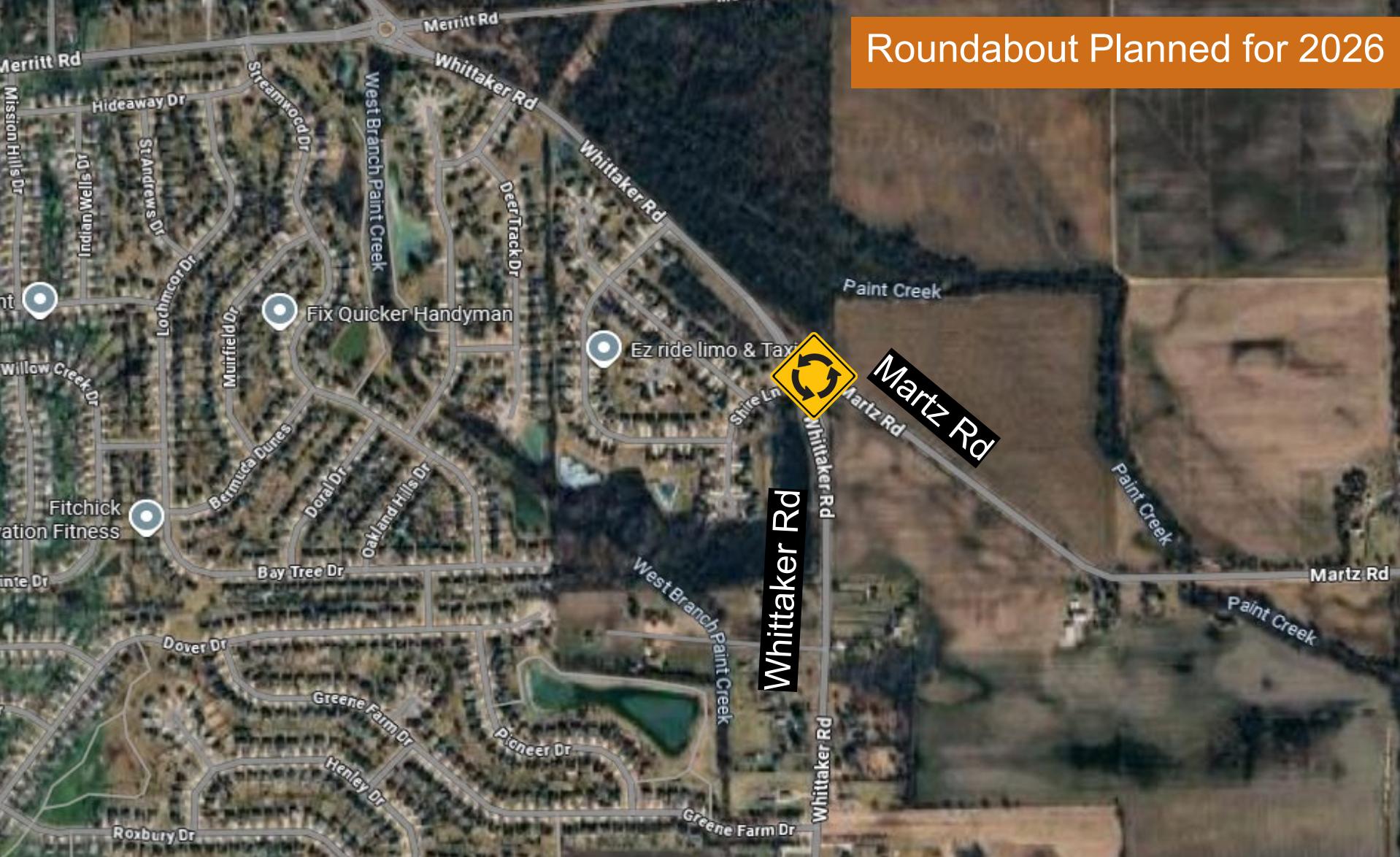
Michele Ford
Senior Project Manager –
Traffic & Safety



Martz Rd at Whittaker Rd Roundabout



Roundabout Planned for 2026



Current Condition

- Two-way Stop Controlled intersection



Planning – Why this intersection?

- Monitored by WCRC since 2016
 - Met warrants for a traffic signal
- Identified by MDOT on a Local Safety Initiative (LSI) review in 2022
- WCRC applied for and was awarded a Federal Carbon Reduction Grant for a roundabout



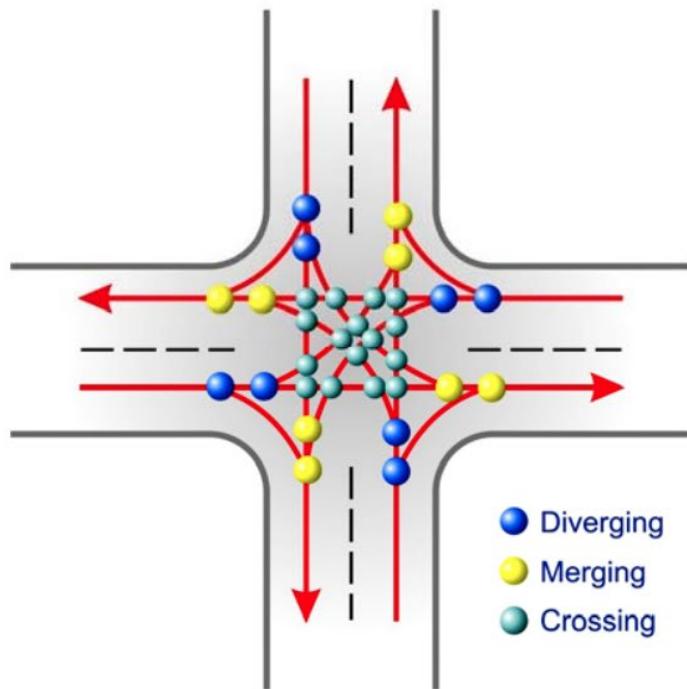
WHY A ROUNDABOUT?

Why Build Roundabouts?

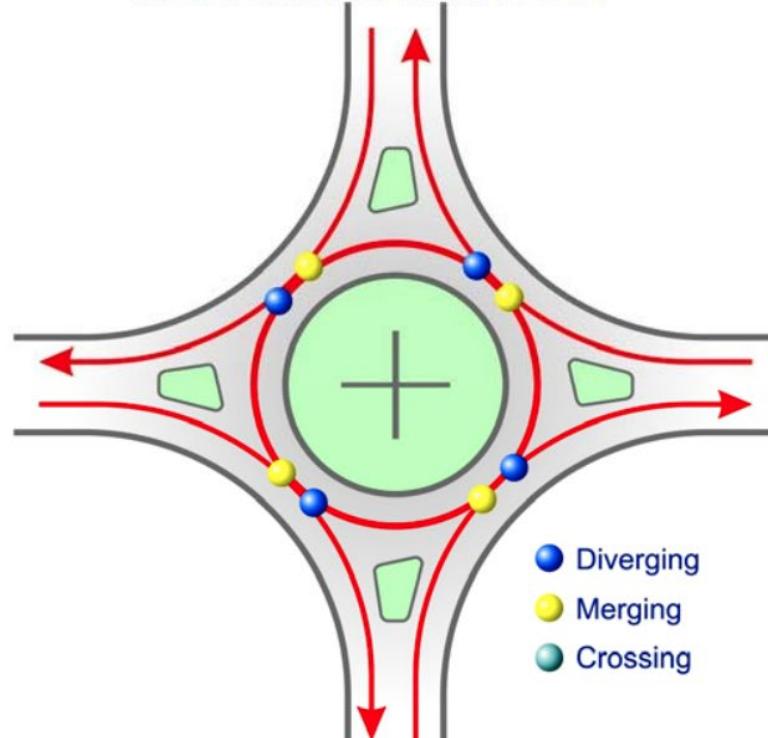
- Safety
 - 90% reduction in serious injury/fatality
 - 39% reduction of total crashes
- Lower speeds
- Improved traffic efficiency

Intersection Points of Conflict

STANDARD INTERSECTION



MODERN ROUNDABOUT

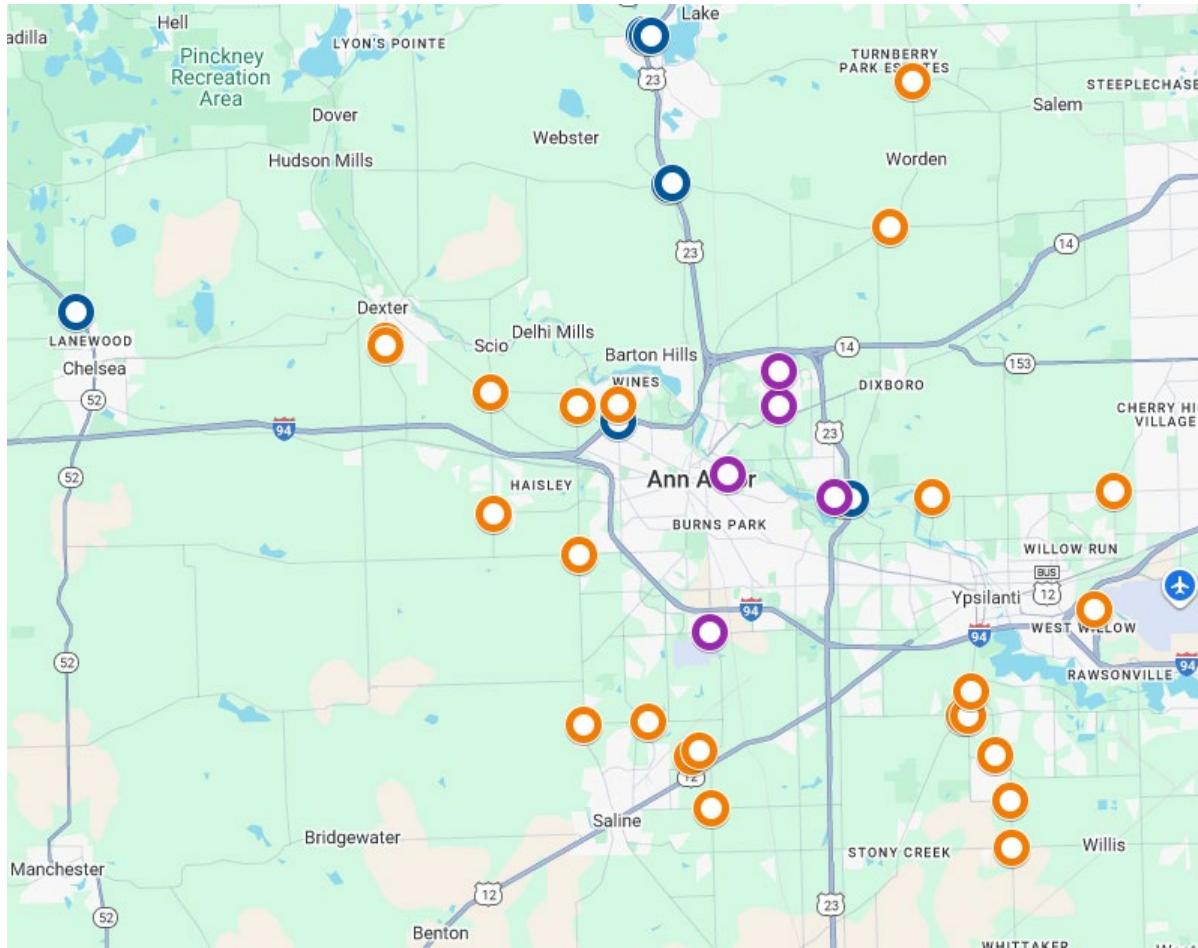


Roundabout

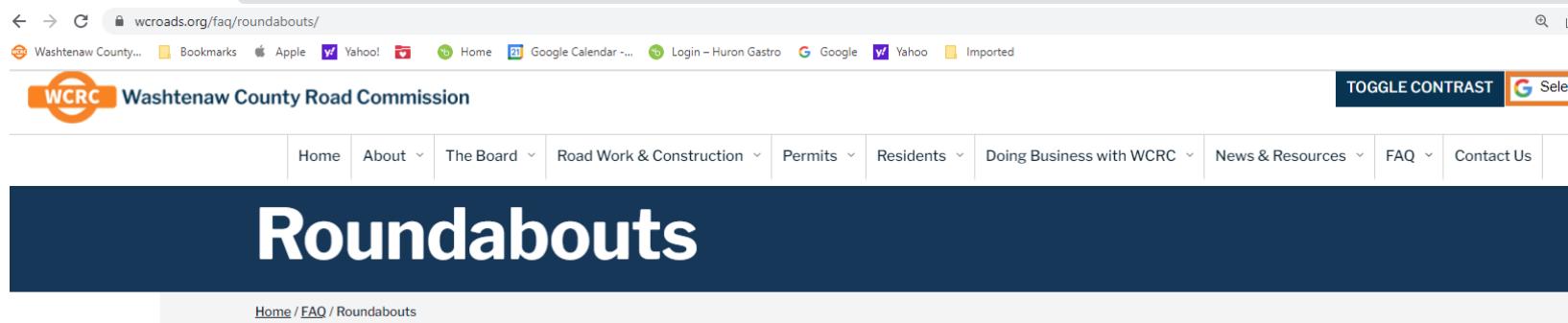
- Entering traffic yields
- Counterclockwise movement
- Islands control speed



Washtenaw County Roundabouts



Roundabout Resource



The screenshot shows a web browser with the URL wcroads.org/faq/roundabouts/. The page title is "Roundabouts". The header includes the WCRC logo and navigation links for Home, About, The Board, Road Work & Construction, Permits, Residents, Doing Business with WCRC, News & Resources, FAQ, and Contact Us. The main content area discusses the benefits of roundabouts and provides golden rules for traveling them, accompanied by an aerial photo of a roundabout.

Roundabouts have become common fixtures on Michigan's roads due to their ability to enhance safety and reduce congestion. According to the Insurance Institute for Highway Safety, a modern roundabout provides a 39% reduction in total crashes and a 90% reduction in serious injury and fatality crashes.

It is important that motorists, bicyclists, pedestrians, and commercial vehicle operators understand the golden rules of traveling roundabouts:

1. Yield and wait for a safe gap in circulating traffic before entering the roundabout. Do not merge into the roundabout like you would with a high-speed freeway entry ramp.
2. Avoid changing lanes within a multi-lane roundabout.
3. Do not stop inside the roundabout unless traffic conditions require you to do so.
4. Use your signals to show others you are exiting.



PUBLIC EDUCATION

DRIVING TIPS

SAFETY

Project Funding and Cost

- Federal Carbon Reduction Program
- Michigan Transportation Funds (MTF)
 - License/registration fees and fuel tax

Construction cost estimate \$1.3 million

Key Project Elements

- Street lighting
- Pedestrian path relocation
- Accommodates farm equipment





MARTZ ROAD &
WHITTAKER ROAD ROUNDABOUT
**ROUNDABOUT
LAYOUT**



NORTH
SCALE: 1" = 100'
0 50 100



Roundabout Example



Roundabout Example



Liberty Rd at Zeeb Rd Roundabout

Impact to Traffic

- The intersection will be closed to ALL through traffic and a detour will be posted



Impact to Traffic

- Detour
- Residents will use Trotters Park Street
- Pathway will be maintained with temporary materials



Tentative Schedule

- **Next Steps**
 - Submit bid documents to MDOT
 - MDOT bid letting
 - Contractor award
 - Tree removals before April 1, 2026
 - Construction information meeting
- **Roundabout construction**
 - 2026



Find Out More

- **Visit project page @ wcroads.org**
 - Subscribe to receive project update emails
- **Contact Project Manager**
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