

Tuttle Hill Rd & Merritt Rd Intersection Safety Improvements

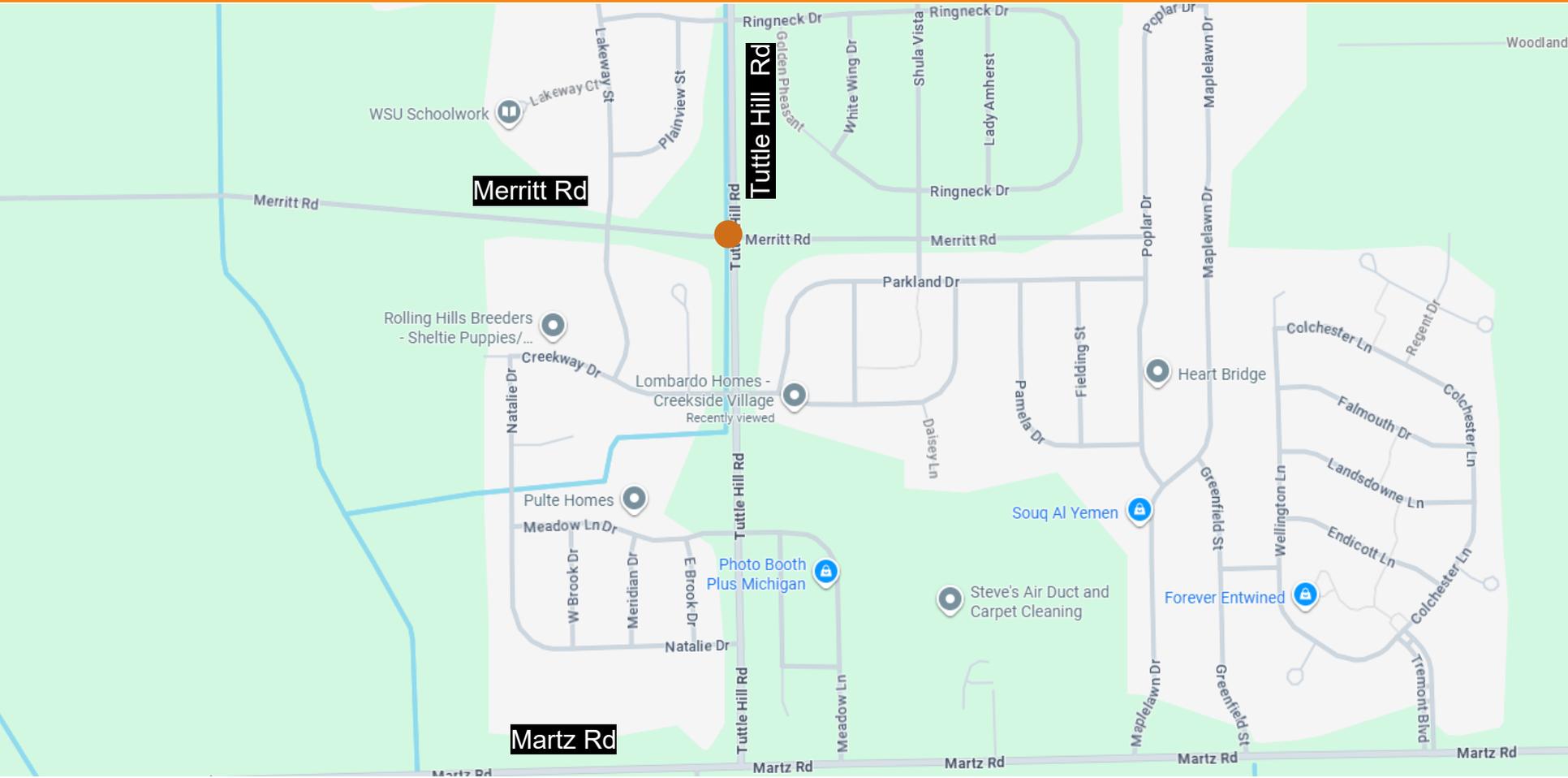
October 8, 2025



Agenda

- I. Existing Conditions
 - a. Traffic Volumes
 - b. Speeds
- II. Near Term Project Plan
- III. Future Improvements
- IV. Q and A

Location



Existing Conditions

- 2-way stop
 - Merritt Rd
- Crosswalk markings



Existing Conditions

- Crosswalk signs
- Advance warning signs



Existing Conditions

- Daily Traffic Volumes 2025
(both directions combined)
 - Tuttle Hill Rd
 - South of Merritt: 4,556
 - North of Merritt: 3,621
 - Merritt Rd
 - West of Tuttle Hill: 1,252
 - East of Tuttle Hill: 359



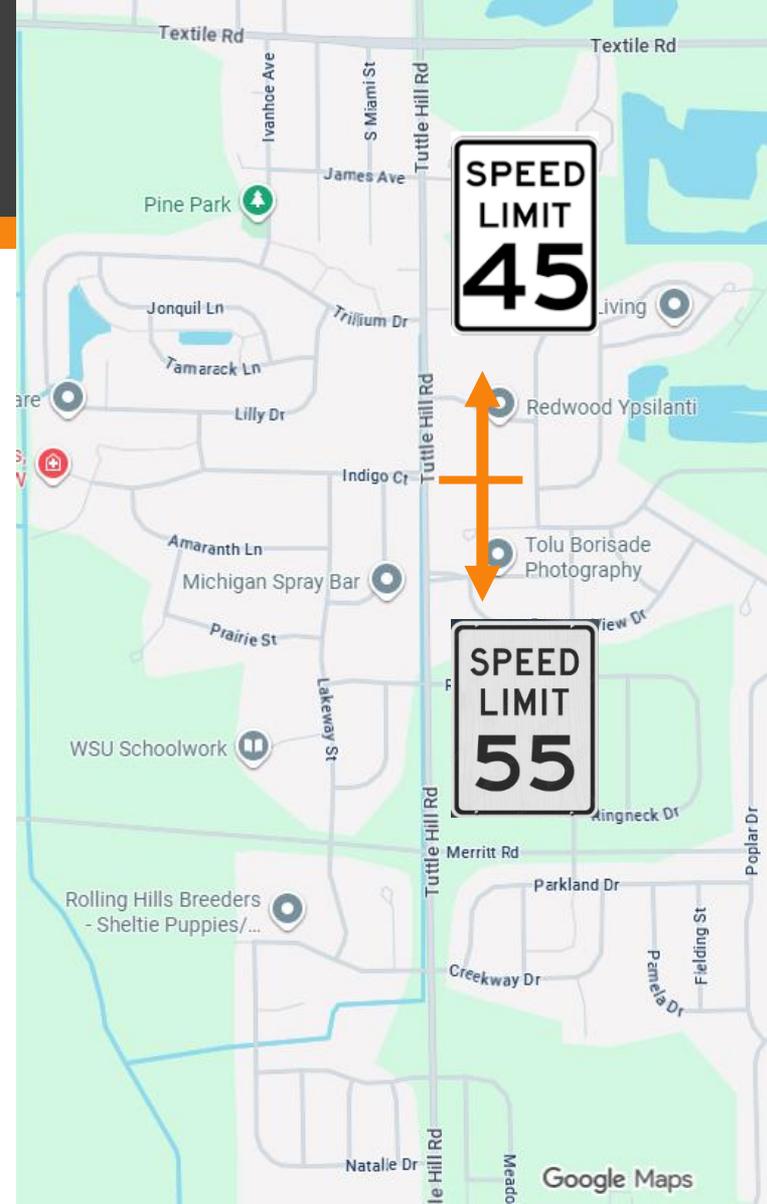
Speed Limits

- Tuttle Hill
 - 45 mph north of Indigo Ct
 - 55 mph south of Indigo Ct
 - "Prima Facie" Speed (Unposted)
- Merritt Rd
 - 55 mph
 - "Prima Facie" Speed (Unposted)



Existing Conditions

- 85th Percentile Speeds (WCRC data)
 - Tuttle Hill Rd
 - North of Indigo Ct: 48 mph
 - North of Merritt: 51 mph
 - South of Merritt: 52 mph



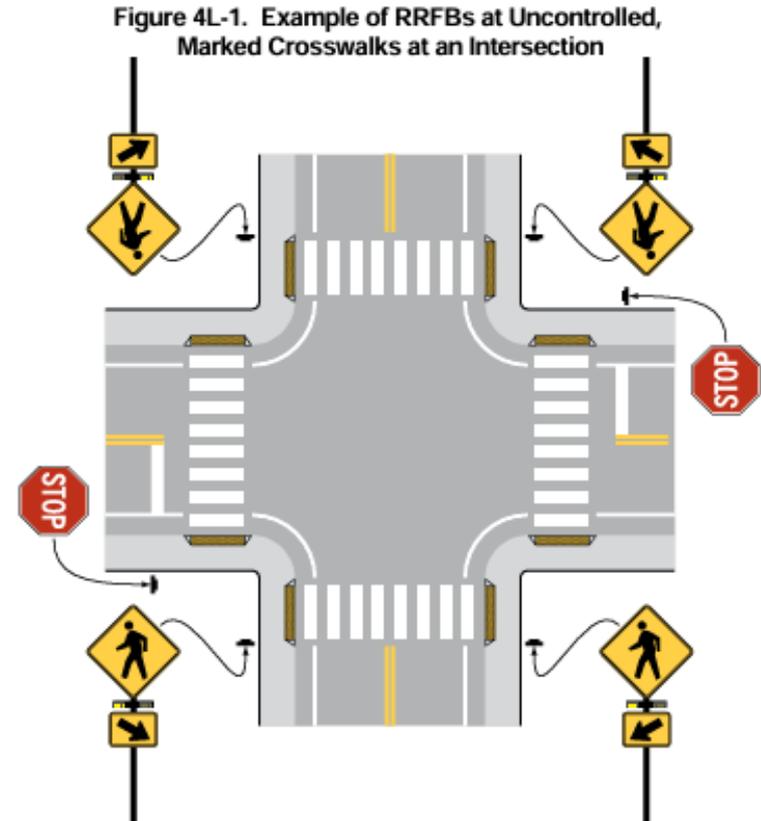
Preparing a Plan

- Warrant Analysis
 - Multiway (4-way) Stop
 - Traffic Signal
- Criteria
 - Crashes
 - Volumes / Delays
 - Distribution of Traffic
- Zero Warrants Met

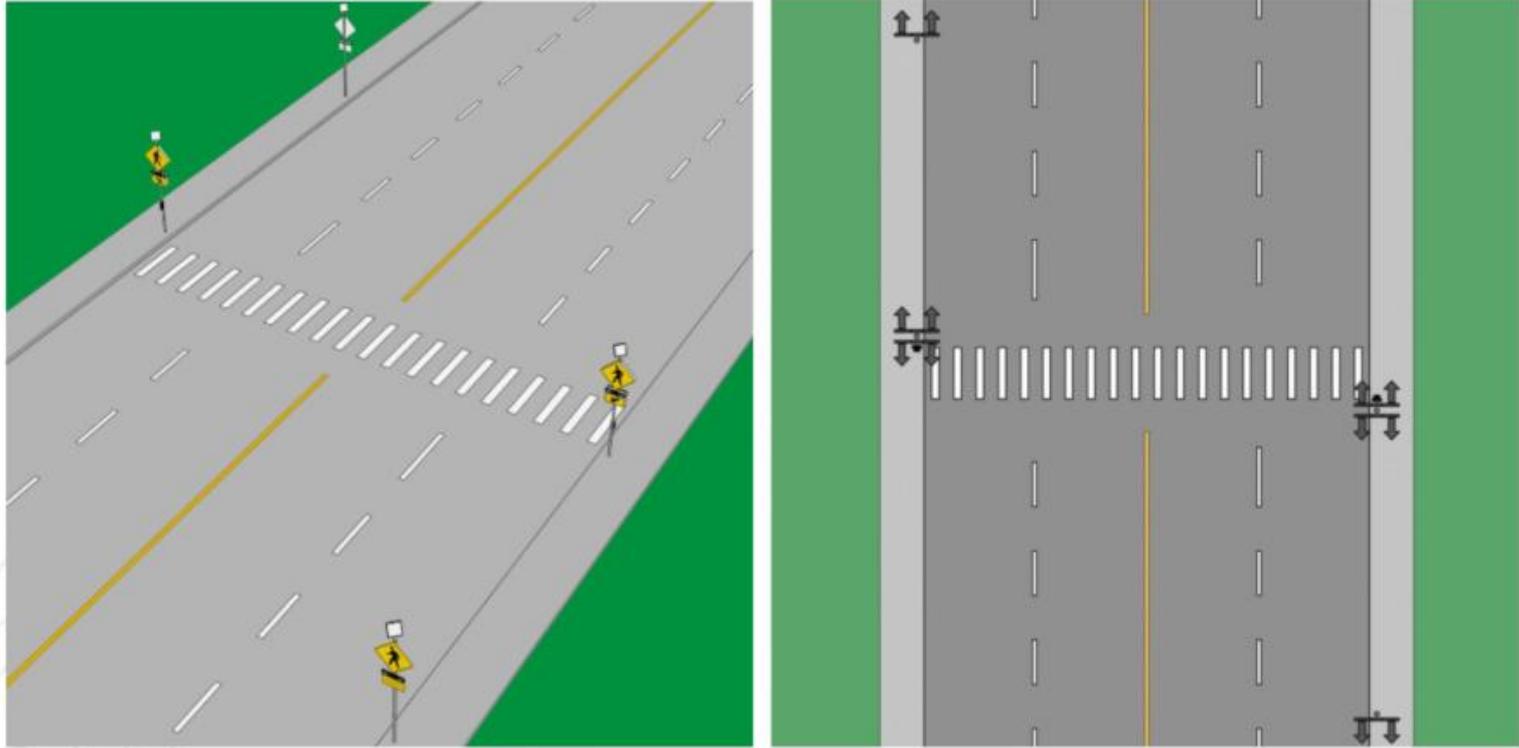


Near Term Project Plan

- Tuttle Hill Road
 - Rectangular Rapid Flashing Beacon (RRFB) at each crosswalk
 - Advance RRFB north and south of intersection
 - All beacons will be activated by pushbutton



Near Term Project Plan



Rendering of RRFB Locations

Rectangular Rapid Flashing Beacon

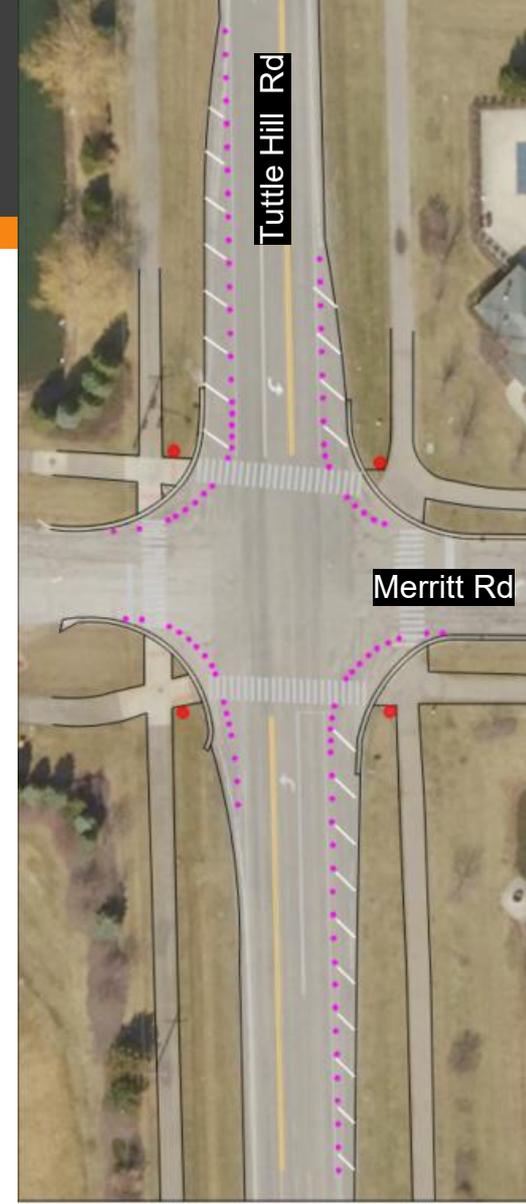
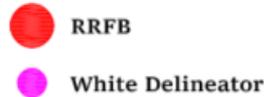


This Signal
Does Not
Stop Traffic
PROCEED
WITH
CAUTION

Bemis Rd at Marlow Rd

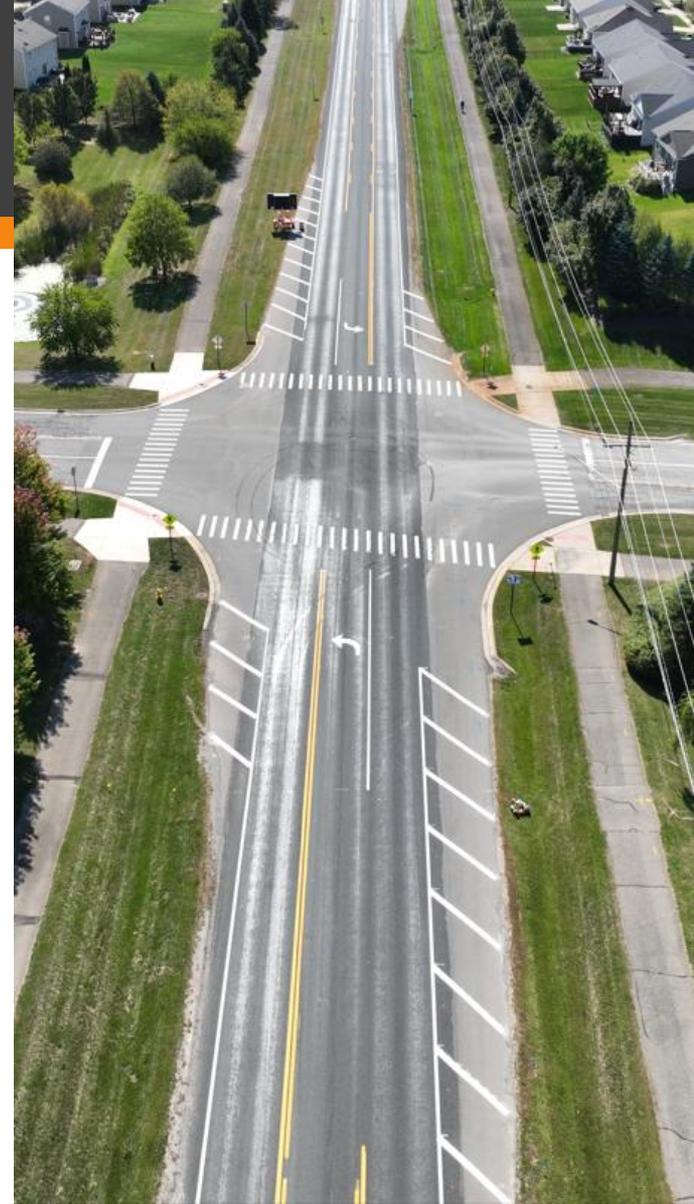
Near Term Project Plan

- Narrow intersection with pavement markings & delineators
- Provides a shorter crossing distance for pedestrians



Near Term Project Schedule

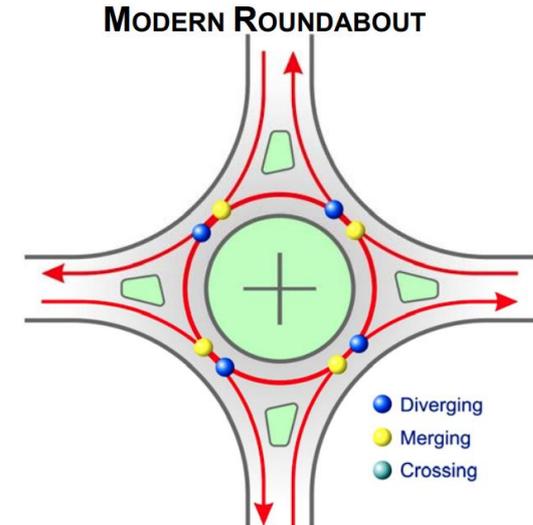
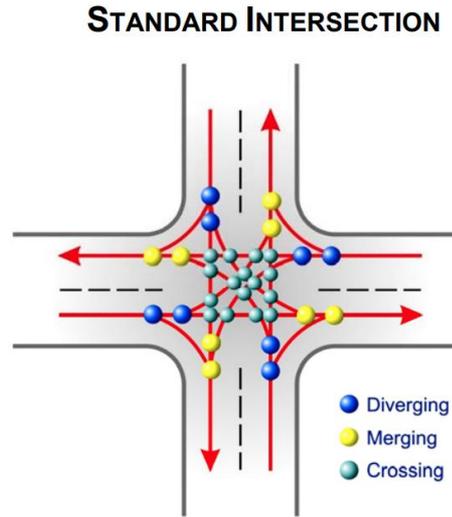
- Fall 2025
 - Cross-hatching (pavt mrkg) installed Oct. 1st
 - RRFB foundations installed Oct. 6th
 - RRFB and delineators to be installed when received ~ November 2025

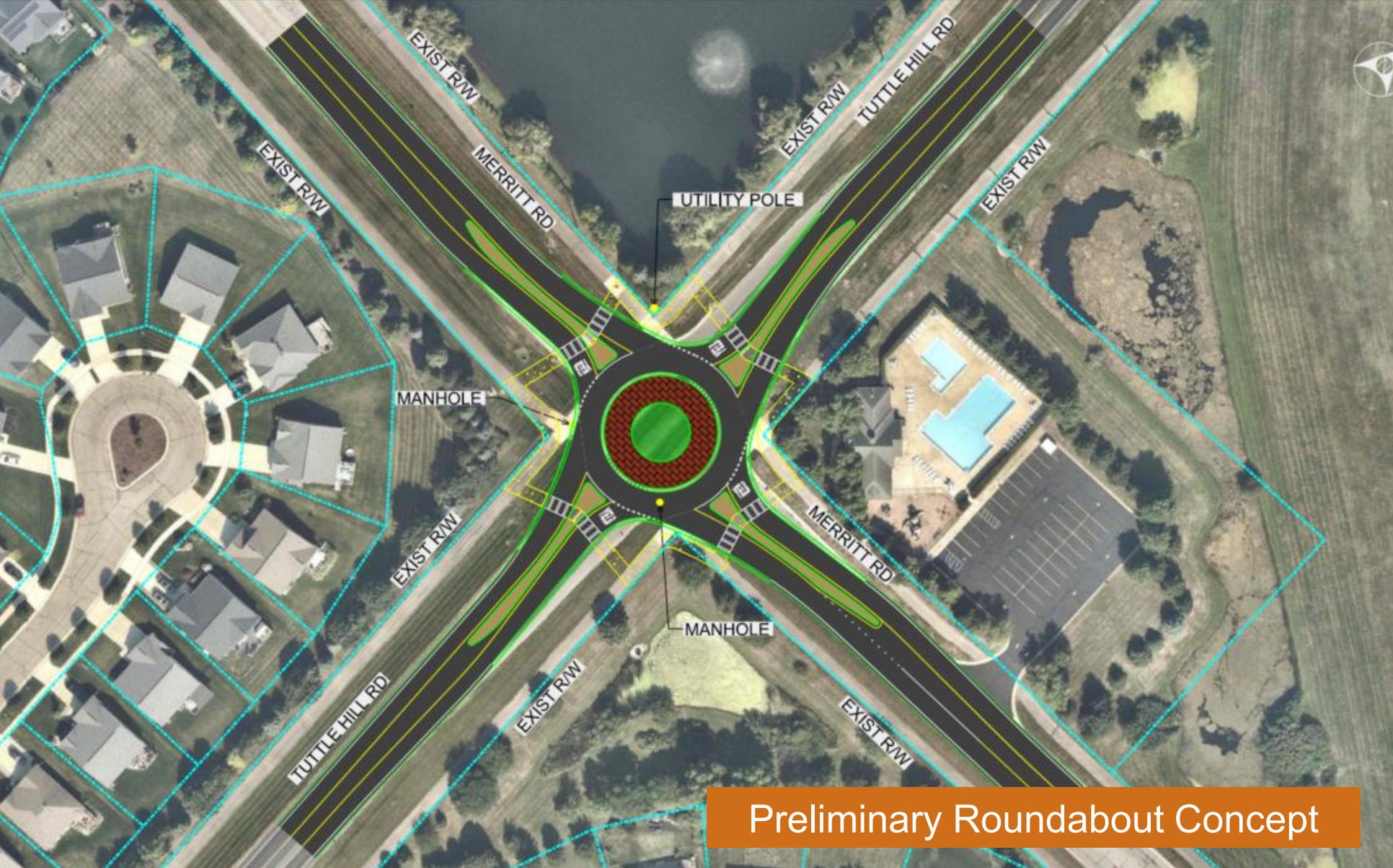


Future Improvements



- Roundabout
 - Lower speeds
 - Improved safety
 - Fewer conflict points
- Schedule TBD





Preliminary Roundabout Concept

Find Out More

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