

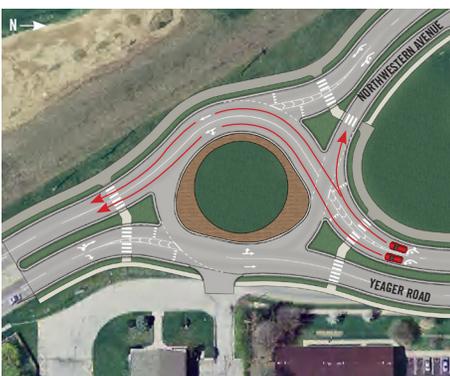
YEAGER ROAD AND NORTHWESTERN AVENUE ROUNDABOUT

Approximate Opening Date: Early to Mid August



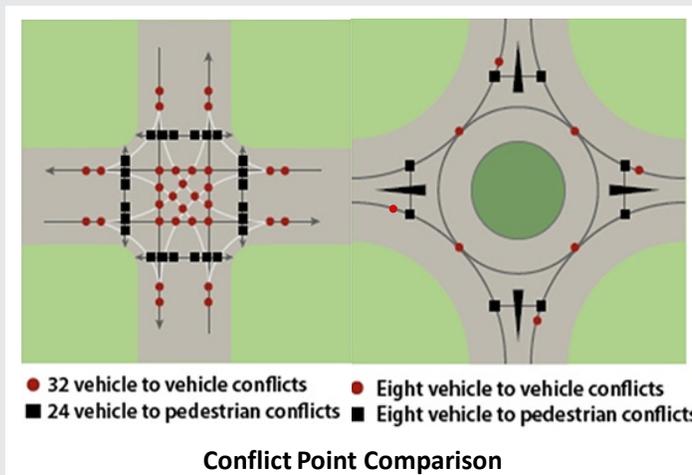
HOW TO DRIVE THE YEAGER ROAD AND NORTHWESTERN AVENUE ROUNDABOUT

- » As you approach the roundabout, slow your vehicle to the posted advisory speed.
- » Use lane choice signs and arrows on the pavement to choose the appropriate lane before entering the roundabout.
- » Yield to any pedestrians in crosswalks
- » Yield to traffic circulating in the roundabout. Do not stop unless it is necessary.
- » Once inside the roundabout, circulate counterclockwise around the central island to your desired exit. Do not change lanes within the roundabout.



ROUNABOUT SAFETY BENEFITS

- » Reduction of traffic speeds (15 to 25 mph)
- » Drastic reductions in crash rates when compared to a traditional intersection:
 - Up to 90% reduction in fatalities
 - 76% reduction in crashes resulting in injury
 - 30 to 40% reduction in crashes involving pedestrians
- » Reduction in conflict points (point at which two opposing vehicle paths cross, and thus a potential for a collision exists)



OTHER BENEFITS OF ROUNDABOUTS

- » **Efficiency:** Because traffic flow is smooth at a roundabout, the total number of vehicles that must stop is drastically reduced.
- » **Environmentally Friendly:** Less stopped vehicles translates to a reduction in air pollution, noise pollution, and fuel consumption.
- » **Less Reliant on Electricity:** When the electricity is interrupted, roundabouts still work without the intervention of the police.
- » **Aesthetics:** The central island of a roundabout provides an opportunity for simple landscaping that will enhance the West Lafayette community.



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SIGNS SPECIFIC TO DOUBLE-LANE ROUNDABOUTS



Roundabout Ahead: This sign is posted in advance of the roundabout to alert drivers that they are approaching a roundabout.

Underneath the roundabout ahead sign, as shown here, two optional signs may be used. One is the cross-street sign, which tells the motorist the name of the intersecting street in advance of the intersection. The other is an advisory speed.



Chevron (black arrows on white background) and One-Way sign assembly: These signs are used together, as shown here. They are placed in the central island at a location where entering drivers can see them. They serve to reinforce to drivers that they must drive counterclockwise around the central island of the roundabout.



Lane Choice Sign (Multi-Lane Roundabouts Only): This sign is posted in advance of multi-lane roundabouts to provide the driver adequate information and time to be in the proper lane before entering the roundabout.