

The NY Route 19 at West & East Avenues Brockport Roundabout

General Information and Driving / Pedestrian / Bicycle Instructions



NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
Region 4

Andrew M. Cuomo
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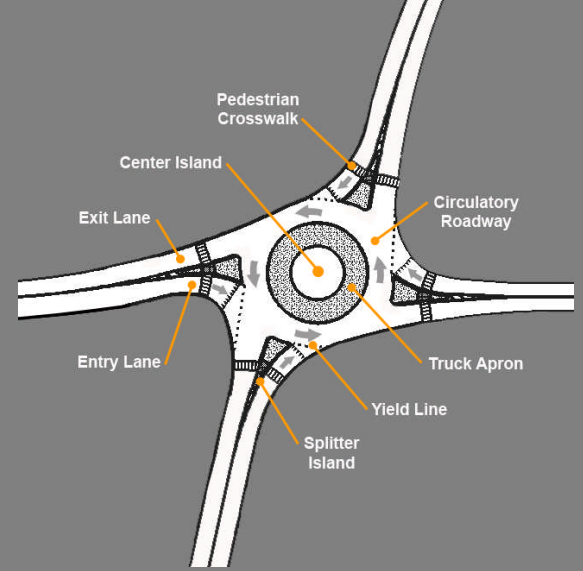
NYS DOT Region 4 Design
1530 Jefferson Road
Rochester, New York 14623

What is a Roundabout?

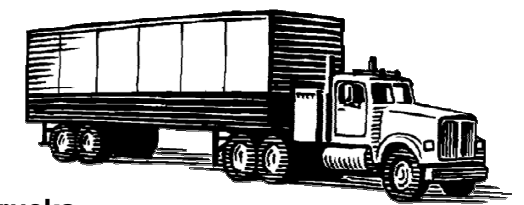
A roundabout is a circular intersection designed to improve safety and reduce delays.

Today in New York State, we are building modern roundabouts that reduce vehicle speeds, which in turn help traffic flow more smoothly, resulting in less stop-and-go actions than typically experienced at stop-controlled or signalized intersections.

Reduced vehicle speeds and conflict points within the intersection also improve safety for pedestrians and bicyclists. Roundabouts have the added advantage of providing a more aesthetic intersection, with less pavement, less air and noise pollution, less energy use, and more opportunity for landscaping features designed specifically for your community.



The advantages realized from the use of a modern roundabout can be attributed to the *Yield at Entry*. A motorist approaching a roundabout must slow down, stop for pedestrians, and yield to traffic (including bicyclists) already in the roundabout. When an acceptable gap in traffic occurs, the motorist enters the roundabout with a simple maneuver similar to a right turn on any street, and proceeds around the center island to take the desired exit. In the last 10 years, NYSDOT has built over 70 modern roundabouts in the State!

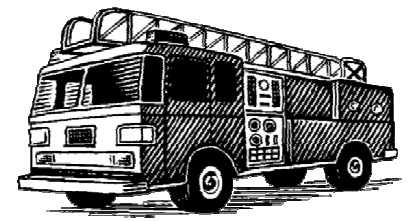


Trucks

Roundabouts are designed to accommodate large vehicles, including fire trucks. The concrete paved "truck apron" around the center island is intended to provide space for the trailing wheels of large trucks while driving around the roundabout.



Do not enter the roundabout when emergency vehicles are approaching on another leg. Allow vehicles in the roundabout to clear in front of the emergency vehicle. Also, specifically for this Route 19 at West & East Avenues Roundabout, motorists should not enter the roundabout circle if there are any backups on the southbound Main Street leg due to the "raised" Canal Lift Bridge. Wait for the traffic to clear.



For more information on the Brockport Roundabout, contact:

NYS DOT Region 4 Design
Attention: Dan Schwind
1530 Jefferson Road
Rochester, NY 14623
(585) 272-3368 or
dschwind@dot.state.ny.us

or visit

<http://www.nysdot.gov/main/roundabouts>
for general information on modern roundabouts

Motorists



The first cue (for motorists on West and East Avenues) that you are approaching the roundabout intersection is the standard black & white "junction of route ahead."



The second cue (and first for motorists on Route 19) that will be seen is a 2-sign assembly of yellow signs, telling you that there is a roundabout ahead and to slow down further.



Next, you will see turn assembly signs that show the movement required to access the desired route.



Now the roundabout will be clearly visible. Slow down to 10-15 MPH as you approach. Stay in your lane and to the right of the splitter island, which separates entering and exiting vehicles.

Be sure to look for bicyclists merging into the travel lane, or pedestrians wanting to cross. Be considerate, and let bicyclists merge.

You now have arrived at the pedestrian crosswalk signs (fluorescent green) and corresponding pavement marking. Please yield to any pedestrians in the crosswalk that are about to cross (stop your vehicle and let them cross the lane).



Next, move slowly to the yield line, looking left. The YIELD sign will tell you to yield to traffic in the roundabout.



You may have to stop to yield to cars or bicycles on your left. If the road is clear, simply enter the roundabout, turning right. You don't have to stop, just enter.

Proceed around the roundabout slowly. Don't pass bicycles ahead of you within the roundabout, as your speeds should be nearly equal. Continue until you get to your exit. Do not stop in the roundabout, except to avoid an accident - remember that you have the right-of-way over incoming vehicles.

Directional signs will tell you where to exit. Exit carefully, using your right turn signal.



Watch for bicycles and pedestrians.

That's it! You're done! Go on to your destination.

The 4-leg signalized intersection (existing 3-color traffic signal) at NY 19 and West / East Avenues is being replaced with a Single-Lane MODERN ROUNDABOUT.

The roundabout is 125 ft. "outside diameter."

The circulatory roadway lane is 20 ft. wide.

The truck apron is 20 ft. wide.

The roundabout will reduce the number and severity of accidents at this intersection.

Vehicle delay at the intersection will also be reduced.

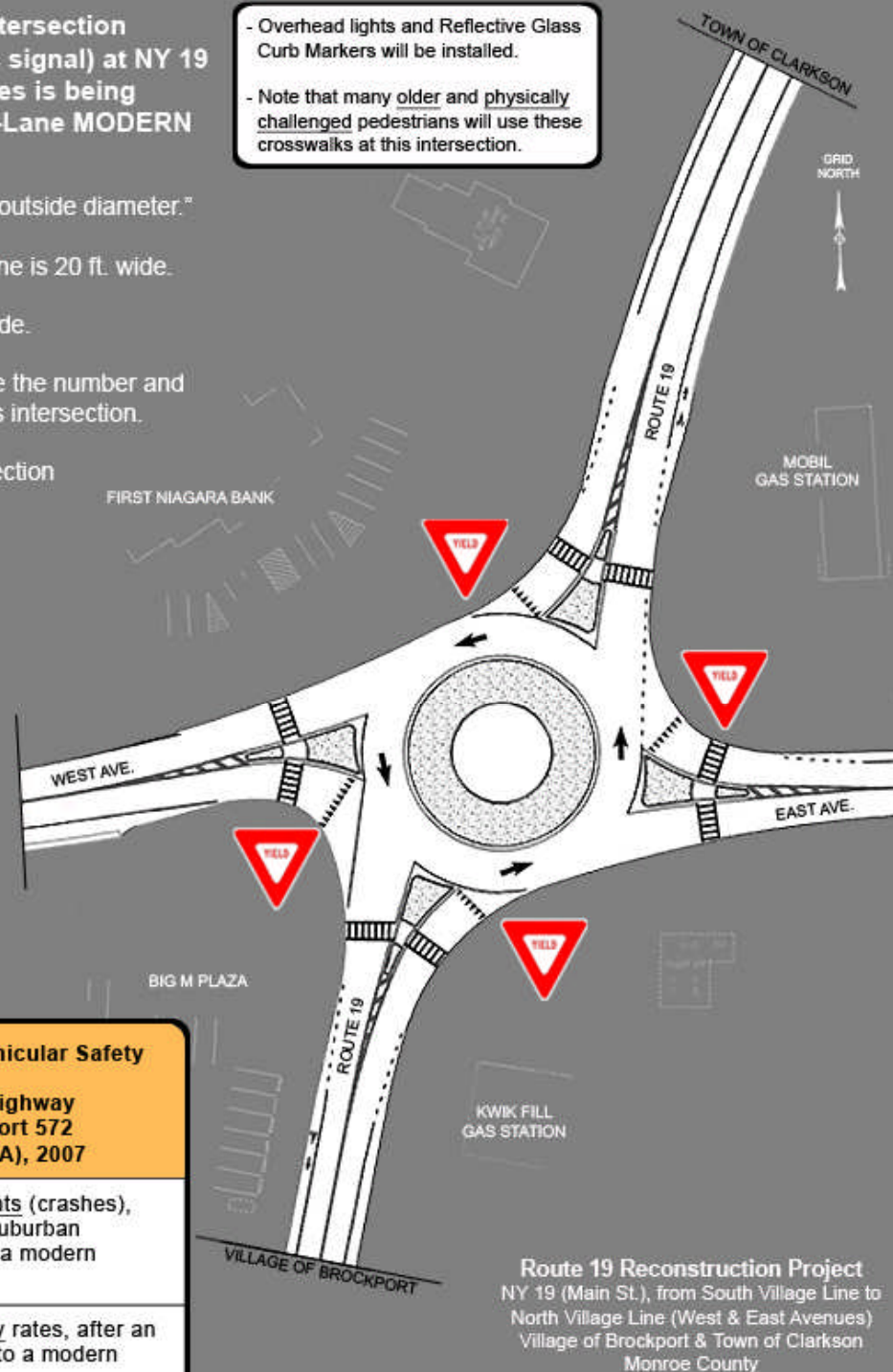
- Overhead lights and Reflective Glass Curb Markers will be installed.
- Note that many older and physically challenged pedestrians will use these crosswalks at this intersection.

ANTICIPATED
2011
CONSTRUCTION

Modern Roundabout Vehicular Safety Findings by the NCHRP (National Cooperative Highway Research Program) Report 572 (Roundabouts in the USA), 2007

Reduction in total accidents (crashes), when comparing typical suburban signalized intersection to a modern roundabout: 67%

Reduction in severe injury rates, after an intersection is converted to a modern roundabout: 76%



Route 19 Reconstruction Project
NY 19 (Main St.), from South Village Line to North Village Line (West & East Avenues)
Village of Brockport & Town of Clarkson
Monroe County

Pedestrians



1. Always stay on the designated sidewalks approaching and leaving the roundabout.
2. Sidewalks & crosswalks are often shared by bicyclists & pedestrians. Watch for bicyclists when you are at or near the roundabout intersection.
3. You should only cross at the designated crosswalks; NEVER walk in the roundabout's circulatory roadway lane, & NEVER cross to the center island.
4. Once getting to the desired crosswalk location, wait for an acceptable gap in traffic before entering the crosswalk. As when crossing any other intersection, look for oncoming cars before entering the crosswalk.
5. Do not assume that cars will stop to let you cross. Only enter the crosswalk when there are no cars coming or when you are certain that all of the oncoming traffic is yielding to you.
6. Proceed to the splitter island. The splitter islands offer a safe refuge between the two different directions of traffic flow allowing you to concentrate on traffic coming from only one direction at a time.
7. Again, wait for an acceptable gap in traffic before entering the crosswalk.
8. Just like before, do not assume that cars will stop to let you cross. Only enter the crosswalk when there are no cars coming, or when you are certain that all of the oncoming traffic is yielding to you.
9. After crossing the roadway, proceed to your desired destination.

Bicycles



1. If you are comfortable riding in traffic, take the lane & circulate like you are in a vehicle, making sure you yield to traffic in the circle when entering. Don't "hug the curb." Ride close to the middle of the lane to prevent cars from passing and cutting you off. Watch for cars waiting to enter the roundabout, as they may not see you.
2. Ride at the speed of the circular roadway to discourage cars from passing you.
3. When you exit the roundabout, use your right hand signal.
4. If you are unsure or uncomfortable about using the roundabout, dismount and walk your bike as a pedestrian at the designated crosswalks.