

PROJECT BENEFITS

Traffic Flow

Roundabouts promote a continuous, circular flow of traffic, which allow more vehicles to travel through an intersection at a time.

Safety

Roundabouts reduce both the number and severity of intersection related accidents. That's because roundabouts promote a continuous, one-way flow of traffic and have fewer points of conflict than a traditional intersection.

Speed Calming

No signal decrease aggressive driving to try to "beat" the red, or opportunity to race away from the stop line after the signal finally turns green.

Minimize Delay

Constant vehicular movement at lower speeds enable more vehicles to move through the intersection at any given time.

Improved Environment

Fewer stops and starts reduce fuel consumption and reduce air pollution.

Pedestrians

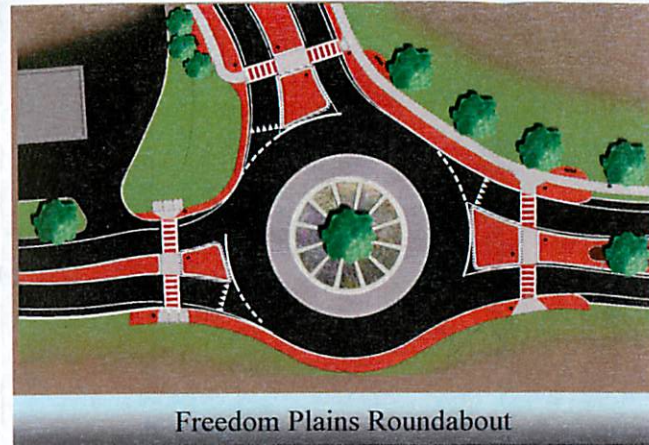
Slower speeds, designated crosswalks, median refuge and lane reduction contribute to pedestrian safety and mobility.

Save Money

Roundabouts require less maintenance than traditional traffic signals.

Aesthetics

The island also provides a great opportunity to beautify the location with landscaping.



Freedom Plains Roundabout



Freedom Business Center Roundabout

QUICK TIPS ABOUT DRIVING A ROUNDABOUT

- Never come to a full stop in a roundabout unless traffic conditions require it.
- If an emergency vehicle approaches, pull to the right before entering the roundabout. If in the roundabout, continue to your exit and pull to the right.
- Use your right turn signal to let other road users know where you plan to exit.
- When circulating your bicycle through the roundabout as a motor vehicle, be sure to ride near the middle of the lane so that drivers can see you and cannot pass you.

Roundabouts are simple and easy to use.

SIGNS AND MARKINGS GUIDE THE WAY



Advance roundabout warning signs advise you are approaching the roundabout.

Pedestrian Crossing Signs warn drivers that pedestrians may be present and have the right-of-way.

YIELD signs and pavement markings are placed at the intersection of each approach road at roundabout.

Driving the Roundabout



New York State Department of Transportation

WILLIAM GORTON
Regional Director

ANDREW M. CUOMO
Governor

JOAN McDONALD
Commissioner

Navigating Route 55 / Arlington H. S. Driveway Roundabout

APPROACH AND ENTRY



20
MPH



Slow down to about 15 to 20 mph when approaching the roundabout.

Vehicles must yield to pedestrians in the crosswalk.

Motorists should yield to vehicles already in the circulating roadway.

Approach the yield line and enter the roundabout when there is a safe gap in the circulating traffic flow.

Yield to pedestrians in the crosswalk as you exist

PEDESTRIANS



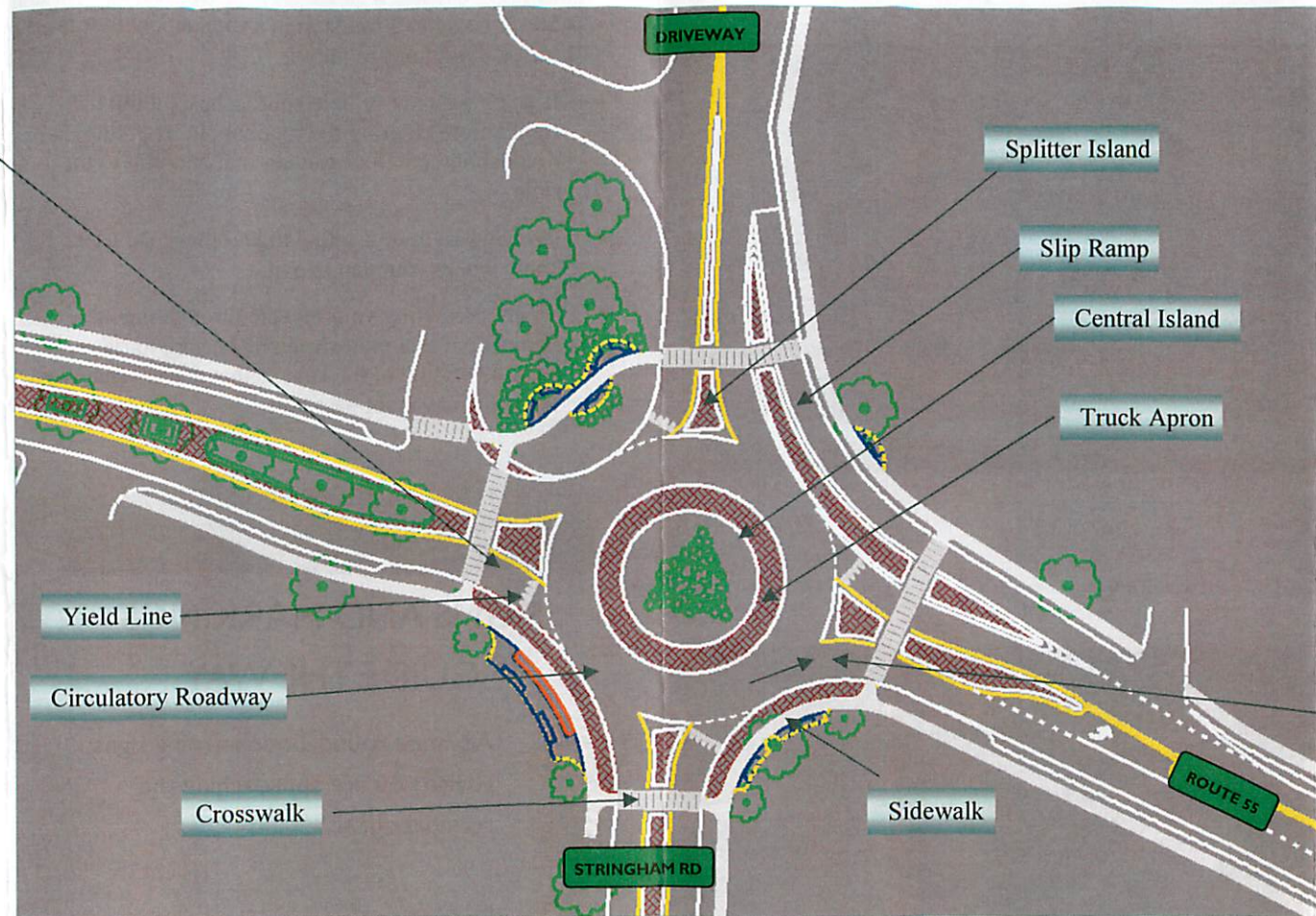
Pedestrians can cross roundabouts at the designated crosswalks. Splitter islands between traffic lanes allow pedestrians a safe place to wait if they cannot cross all traffic lanes at once.

Never cross through the center island.

SLIP RAMP



Cars at the slip ramp should stop at the stop bar and yield to the main line. The main line drivers have the right of way.



EMERGENCY VEHICLES

Always yield to emergency vehicles.

If you have not entered the roundabout, pull over and allow emerging vehicles to pass.

If you have entered the roundabout, continue to your exit and then pull over for the emergency vehicle to pass.

Do not stop in the roundabout.

TRUCKS

Trucks and trailers may use the truck apron provided to negotiate the tight turning.

Drive on the raised pavement of the truck apron to navigate more easily.

Truck aprons are not to be used by cars, SUVs or pickup trucks.

BICYCLISTS

Bicyclists are to walk their bicycles through pedestrian crosswalks. Experienced bicyclists should ride through the roundabout. The same rules of the road apply for a bike as an automobile.

Never cross to the central island.

EXITING

Proceed counter-clockwise to your exit. You now have the right of way.

Turn on your right turn signal, as you approach your exit.

Yield to pedestrians in the crosswalk while exiting the roundabout.

If you miss your exit, keep going around the roundabout until you reach it again.