### **BE PREPARED FOR...**

# **Emergency Vehicles**

Do not enter the roundabout when emergency vehicles are approaching - pull to the side. If you are in the roundabout, exit at your intended exit then pull to the side. **DO NOT STOP IN THE ROUNDABOUT.** 

# Large Trucks

Motorists should be aware that large trucks using multi-lane roundabouts may require both lanes. A truck apron is provided around the central island for truck trailers to use, if necessary. Motorists should not attempt to pass a truck in a roundabout.

# **Bicyclists**

Bicyclists have the option to travel as a vehicle or as a pedestrian when using a roundabout. When traveling as a vehicle, they will follow the same rules.

# **Pedestrians**

Motorists must yield to pedestrians when entering and exiting a roundabout. Pedestrians will use crosswalks and splitter islands to cross each leg of the roundabout.

# **Contact information**

Pennsylvania Department of Transportation Bureau of Design and Delivery PO Box 3161 Harrisburg, Pa 17105-3161

By email: Roundabout@pa.gov On the Web: www.penndot.pa.gov

# Multi-Lane Roundabouts

General Information and Driving Tips for Motorists





### **Improved Safety**

Roundabouts offer improved safety over other forms of at-grade intersections because roundabouts have fewer conflict points, slower speeds, and offer easier decision making. When comparing a multi-lane roundabout to a signalized intersection, studies show that roundabouts experience a 32 percent reduction in all crashes, and 68 percent fewer injury-causing crashes. These reductions are due to the elimination of most head-on, left turning across oncoming traffic, and right angle crashes.

Roundabouts improve pedestrian safety by allowing pedestrians to cross one-way traffic moving at much slower speeds.

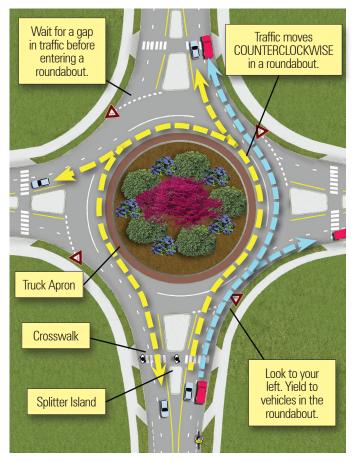
### **Reduced Delay**

Roundabouts typically carry about 30 percent more vehicles than similarly sized signalized intersections during peak flow conditions. During off-peak conditions, roundabouts cause almost no delay, but traffic signals can cause delay to side street and left-turning traffic from the major street. Increased capacity at roundabouts is due to the continuously flowing nature of yielding only until a gap is available, versus waiting at a signal.

### NAVIGATION

# **Turning Right:**

- 1 When approaching the roundabout, you must be in the **RIGHT LANE** unless otherwise marked on the road.
- 2 Slow down and be prepared to yield to pedestrians in the crosswalk.



- 3 Approach the Yield Line, look to the left and check for approaching traffic within the roundabout. CIRCULATING TRAFFIC HAS THE RIGHT OF WAY.
- 4 Enter the roundabout when there is a safe gap in traffic. Stay in the right lane. If necessary, stop at the Yield Line until there is a safe gap in traffic.
- 5 Use your right turn signal and exit the roundabout while staying in your lane.
- Be prepared to yield to pedestrians in the crosswalk.

# **Going Straight:**

- When approaching the roundabout, you can be in EITHER LANE unless otherwise marked on the road.
- 2 Slow down and be prepared to yield to pedestrians in the crosswalk.
- 3 Approach the Yield Line, look to the left and check for approaching traffic within the roundabout. CIRCULATING TRAFFIC HAS THE RIGHT OF WAY.
- Enter the roundabout when there is a safe gap in traffic. Stay in your lane when going around. If necessary, stop at the Yield Line until there is a safe gap in traffic.
- 5 Use your right turn signal and exit the roundabout while staying in your lane.
- 6 Be prepared to yield to pedestrians in the crosswalk.

# **Turning Left or Making U-turns:**

- 1 When approaching the roundabout, you must be in the **LEFT LANE** unless otherwise marked on the road.
- 2 Slow down and be prepared to yield to pedestrians in the crosswalk.
- 3 Approach the Yield Line, look to the left and check for approaching traffic within the roundabout. **CIRCULATING TRAFFIC HAS THE RIGHT OF WAY.**
- 4 Enter the roundabout when there is a safe gap in traffic. Stay in the left lane. If necessary, stop at the Yield Line until there is a safe gap in traffic.
- 5 Yield to vehicles in outside lane. Use your right turn signal and exit the roundabout while staying in your lane.
- 6 Be prepared to yield to pedestrians in the crosswalk.