City of Springfield
Development and Public Works Department
225 Fifth Street
Springfield, Oregon 97477

SPRINGFIELD OREGON

PIONEER PARKWAY

HAYDEN BRIDGE

MARTIN LUTHER KING, JR. PARKWAY

ROUNDABOUT

General Information and Driving Tips

City of Springfield

www.springfield-or.gov

SPRINGFIELD OREGON

BENEFITS OF A ROUNDABOUT

Safety
Roundabouts are safer than other intersections because they eliminate head-on, right angle, and left-turning traffic crashes. Roundabouts encourage slower speeds and allow for easier decision making. When comparing a roundabout to a signal, studies show that roundabouts provide up to a 90% reduction in fatal crashes, 75% reduction in injury crashes, 30-40% reduction in pedestrian crashes, and 10% reduction in bicycle crashes. Roundabouts improve pedestrian safety by offering short crossings of one-way traffic moving at slow speeds.

Economy
Roundabouts save our citizens money. The City saves because operations and maintenance expenses of roundabouts are less than traffic signals. Drivers save through reduced waiting time and lower fuel consumption. More importantly, our community saves because collisions are less frequent and much less severe, reducing insurance cost, medical cost, and the human cost of injury and death. Roundabouts also reduce the need for roadway expansion to accommodate the lines of stopped vehicles generated by traffic signals.

Capacity
Roundabouts typically carry about 30-50% more vehicles than similarly sized signalized intersections during rush hour because traffic is always on the move. During light traffic conditions, roundabouts cause almost no delay, whereas traffic signals can cause delay to side streets and left-turning traffic from the major street. Increased capacity at roundabouts is due to the continuously flowing nature, versus waiting turns at a red light.

Environment
Fuel consumption and air pollution are reduced significantly due to fewer stops and lower travel delay.

Beauty
Roundabouts' central islands provide areas for landscaping, sculpture, or other aesthetic features. They also avoid the clutter of traffic signal controller boxes, poles and wires, and pavement cuts.

PEDESTRIANS
1. Always use the sidewalk.
2. Approach the crosswalk.
3. Look for approaching vehicles.
4. When safe, cross the street to the median island; it is there to provide pedestrians a refuge between lanes.
5. From the median island, look for approaching vehicles.
6. When safe, cross the remaining lane of traffic.

BICYCLES
1. Approach the roundabout in the bicycle lane.
2. Where the bicycle lane ends, either use the bicycle ramp up to the sidewalk, or merge with traffic. BE ASSERTIVE WHEN MERGING WITH TRAFFIC.
3. Bicycles using the street should follow the same rules as motorists, occupying the middle of the lane.
4. Bicycles using the sidewalk should follow the same rules as pedestrians.
5. Use the bike ramp to re-enter bike lane.

EMERGENCY VEHICLES
Do not enter the roundabout when emergency vehicles are approaching–pull to the right side. Allow vehicles in the roundabout to clear in front of the emergency vehicle. If you are in the roundabout, exit the roundabout and pull to the side. NEVER STOP IN THE ROUNDABOUT.

For additional information, contact:

City of Springfield
Development and Public Works Department
225 Fifth Street, Springfield, OR 97477

Phone: 541.726.3761
Email: dpw@springfield-or.gov
www.springfieldoregon.gov

6-2016

DRIVING THE ROUNDABOUT

TO EAST SPRINGFIELD OR WAYSIDE LANE

1. When approaching the roundabout, you must be in the **RIGHT LANE**.
2. Stop for pedestrians in the crosswalk or preparing to cross.
3. Yield to traffic in the roundabout.
4. Enter the roundabout when there is a safe gap in the traffic.
5. Stay in your lane.
6. Use your right turn signal and exit the roundabout.
7. Stop for pedestrians in the crosswalk or preparing to cross.

TO HOSPITAL OR I-5

- When approaching the roundabout, you can be in the **LEFT LANE** or **RIGHT LANE**.
- Follow instructions 2-7 as mentioned above.

TO GATEWAY AREA OR DOWNTOWN SPRINGFIELD

- When approaching the roundabout, you must be in the **LEFT LANE**.
- Follow instructions 2-7 as mentioned above.

TO WAYSIDE LANE, HOSPITAL OR I-5

1. When approaching the roundabout, you must be in the **RIGHT LANE**.
2. Stop for pedestrians in the crosswalk or preparing to cross.
3. Yield to traffic in the roundabout.
4. Enter the roundabout when there is a safe gap in the traffic.
5. Stay in your lane.
6. Use your right turn signal and exit the roundabout.
7. Stop for pedestrians in the crosswalk or preparing to cross.

TO GATEWAY AREA, DOWNTOWN OR EAST SPRINGFIELD

- When approaching the roundabout, you must be in the **LEFT LANE**.
- Follow instructions 2-7 as mentioned above.

TO GATEWAY AREA

1. When approaching the roundabout, you must be in the **RIGHT LANE**.
2. Stop for pedestrians in the crosswalk or preparing to cross.
3. Yield to traffic exiting the roundabout.
4. Stop for pedestrians in the crosswalk or preparing to cross.

TO DOWNTOWN SPRINGFIELD

1. When approaching the roundabout, you can be in the **CENTER LANE** or **LEFT LANE**.
2. Stop for pedestrians in the crosswalk or preparing to cross.
3. Yield to traffic in the roundabout.
4. Enter the roundabout when there is a safe gap in the traffic.
5. Stay in your lane.
6. Use your right turn signal and exit the roundabout.
7. Stop for pedestrians in the crosswalk or preparing to cross.

TO EAST SPRINGFIELD, WAYSIDE LANE, HOSPITAL, OR I-5

- When approaching the roundabout, you must be in the **LEFT LANE**.
- Follow instructions 2-7 as mentioned above.

TO DOWNTOWN SPRINGFIELD

1. When approaching the roundabout, you must be in the **RIGHT LANE**.
2. Stop for pedestrians in the crosswalk or preparing to cross.
3. Yield to traffic exiting the roundabout.
4. Stop for pedestrians in the crosswalk or preparing to cross.

TO EAST SPRINGFIELD

1. When approaching the roundabout, you can be in the **CENTER LANE** or **LEFT LANE**.
2. Stop for pedestrians in the crosswalk or preparing to cross.
3. Yield to traffic in the roundabout.
4. Enter the roundabout when there is a safe gap in the traffic.
5. Stay in your lane.
6. Use your right turn signal and exit the roundabout.
7. Stop for pedestrians in the crosswalk or preparing to cross.

TO WAYSIDE LANE, HOSPITAL, I-5 OR GATEWAY AREA

- When approaching the roundabout, you must be in the **LEFT LANE**.
- Follow instructions 2-7 as mentioned above.