

Oregon 213: Roundabout at Toliver Road

ODOT, in partnership with the City of Molalla, is improving safety at the intersection of OR 213 and Toliver Road in Molalla by constructing a roundabout.

Currently, the intersection of OR 213 and Toliver Road is controlled by stop signs and has a high rate of crashes. A roundabout will improve safety by reducing sharp turns while also accommodating the type of traffic that uses it, including large vehicles like trucks, buses and agricultural equipment. We will also install new lighting at the intersection.

A roundabout is a type of circular intersection that uses yield signs to control traffic entering the intersection and reduce speeds and high-speed head-on, right-angle and turning crashes, which improves safety.

Why a roundabout?

The intersection of OR 213 and Toliver Road has a high crash rate, within the top 10 percent of all highway segments in the state. A roundabout was found to facilitate all directions of traffic and turning movements while bringing the greatest safety benefits, including reducing speeds into the community.

According to the Federal Highway Administration, roundabouts are safer than traditional intersections. Locations with roundabouts can see a:

- 90 percent reduction in fatalities.
- 76 percent reduction in injuries.
- 35 percent reduction in all crashes.

While we evaluated a traffic signal, installing new traffic signals can result in an increase in rear-end crashes. In rural areas, new traffic signals are associated with a 77 percent reduction in angle crashes, but also a 58 percent increase in rear-end crashes, which can be severe and fatal in high-speed areas. Traffic signals do not address speeds at an intersection – roundabouts do reduce speeds. Often drivers accelerate through an intersection to try to make it through before the signal turns red, which is dangerous.

Construction impacts

Constructing the roundabout requires widening the intersection at Toliver Road and replacing an existing culvert carrying Bear Creek under Oregon 213. Work in the creek must be done during low-water levels and at a time when fish are unlikely to be present and this section of the creek is often dry through the summer.

Traffic impacts

A full closure of the intersection of OR 213 and Toliver Road July 6 to Aug. 31, 2023.

The intersection will be fully closed to all traffic, including people walking and biking. The entire intersection will be excavated at one time, which will leave a hole in the roadway during construction. All travelers will need to use the signed detour routes or other alternate routes.

- Through traffic on OR 213 can follow a signed detour using OR 211/Main Street and South Union Mills Road.
- Eastbound traffic on Toliver Road bound for OR 213 can head north on South Dryland Road and turn right onto South Barnards Road, or head south on South Dryland Road and turn left onto OR 211/Main Street.
- Westbound traffic on Toliver Road bound for OR 213 can use Leroy Avenue and turn left onto OR 211/Main Street for OR 213 north, or turn right onto OR 211/Main Street for OR 213 south.

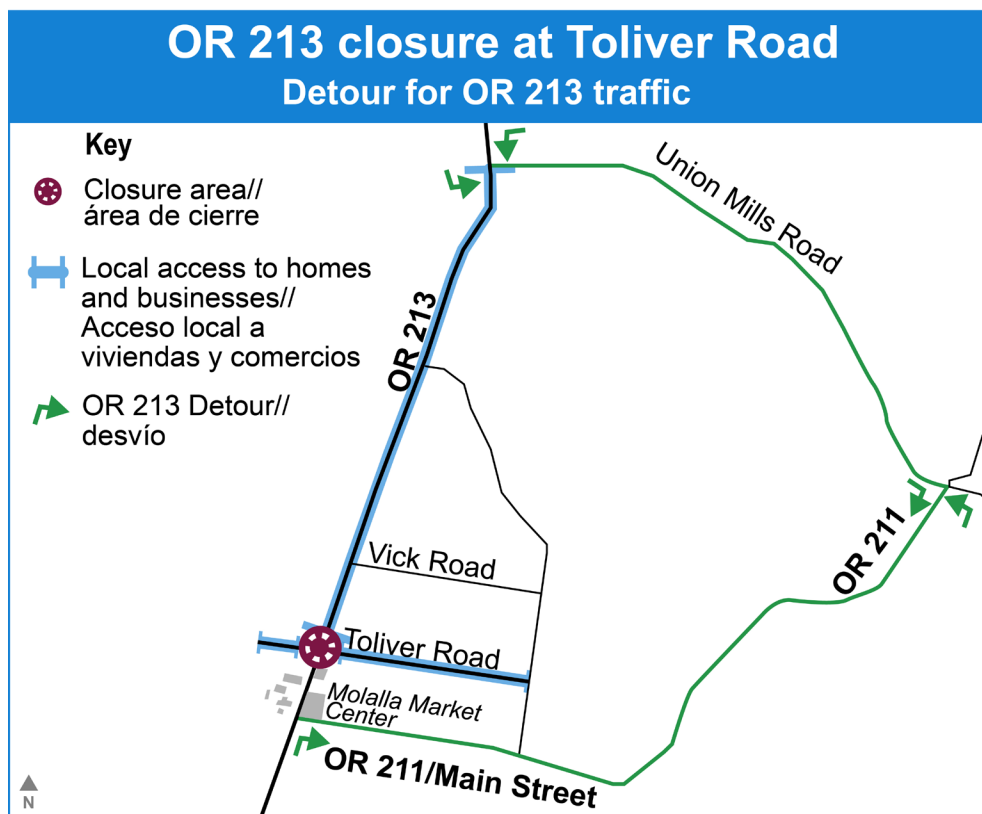
View detour maps on the project website: www.ToliverRoundabout.org

Lane closures

- Minimal nighttime lane closures with flaggers directing traffic on OR 213 before and after the full closure.
- Day and nighttime lane closures on Toliver Road before and after the full closure.

Nighttime noise

Those living or working in the area may hear noise from construction. A 24/7 nighttime noise hotline is available for noise concerns: 503-276-7893



Using a roundabout safely

For drivers:

1 Approach

Slow down as you approach the roundabout. Look for signs to determine where your exit is located. Watch for people on bikes; they will either merge into traffic or use the sidewalk. When approaching the crosswalk, stop for pedestrians using the crosswalk in your lane.

2 Enter

Traffic in the roundabout has the right-of-way. Before you enter the roundabout, you must yield to traffic inside and exiting the roundabout. Wait for a gap and merge into traffic. Be prepared to stop if necessary.

3 Proceed

Once inside the roundabout, move around the circle until you reach your exit. Allow bicycles that have merged into traffic the full travel lane and don't pass.

4 Exit

Indicate your plan to exit using your right turn signal. Watch for people in the crosswalk and be prepared to stop.

For people riding a bike:

You can navigate the roundabout like a motor vehicle would, or use the sidewalk and crosswalks. If you use the sidewalk, yield to people walking, travel at a walking speed or walk your bike.

Oregon 213: Glorieta en Toliver Road | Construcción en el verano de 2023

ODOT, en asociación con la Ciudad de Molalla, está mejorando la seguridad en la intersección de OR 213 y Toliver Road en Molalla, construyendo una glorieta

Actualmente, la intersección de OR 213 y Toliver Road está controlada por semáforos en Toliver Road y tiene una alta tasa de colisiones. Una glorieta mejorará la seguridad reduciendo las curvas cerradas mientras que se adapta también al tipo de tráfico que la utiliza, incluyendo vehículos grandes como camiones, autobuses y equipo agrícola.

Una glorieta es un tipo de intersección circular que utiliza señales de ceder el paso para controlar el tráfico que entra a la intersección y reduce las velocidades y las colisiones por alta velocidad, de frente, en ángulo recto y al dar vuelta, lo que mejora la seguridad.

Impactos de tráfico

Un cierre total de la intersección de OR 213 y Toliver Road del 6 de julio al 31 de agosto de 2023.

La intersección estará totalmente cerrada a todo el tráfico, incluyendo personas caminando y andando en bicicleta. Toda la intersección será excavada a la vez, lo que dejará un agujero en el camino durante la construcción. Todos los viajeros deberán usar las rutas de desviación marcadas u otras rutas alternas.

- El tráfico que seguirá en OR 213 puede seguir una desviación señalizada usando OR211/Main Street y South Union Mills Road.
- El tráfico con dirección Este en Toliver Road que se dirige a OR 213 puede dirigirse al Norte en South Dryland Road y dar vuelta a la derecha hacia South Barnards Road, o dirigirse hacia el Sur en South Dryland Road y dar vuelta a la izquierda hacia OR 211/Main Street.
- El tráfico hacia el Oeste en Toliver Road que se dirige a OR 213 puede usar Leroy Avenue y dar vuelta a la izquierda hacia OR 211/Main Street para OR 213 norte, o dar vuelta a la derecha hacia OR 211/Main Street para OR 213 sur.

Cierres de carriles

Mínimos cierres de carriles durante la noche con señaladores con banderas dirigiendo el tráfico en OR 213 antes y después del cierre total.

Cierres de carriles diurnos y nocturnos en Toliver Road antes y después del cierre total.





123 NW Flanders | Portland, OR 97209

Oregon 213: Roundabout at Toliver Road
Intersection closed July 6-Aug. 31
Learn more inside or at:
www.ToliverRoundabout.org

Glorieta en OR 213 y Toliver Road: Intersección cerrada del 6 de julio al 31 de agosto

For ADA (Americans with Disabilities Act) or Civil Rights Title VI accommodations, translation/interpretation services, or more information call 503-731-4128, TTY 800-735-2900 or Oregon Relay Service 7-1-1.

¿Habla usted español? Podemos proveer la información en esta publicación en español. Para recibir la información en español, por favor llámé al (503) 731-4128.



OR 213: Roundabout at Toliver Road

Stay in the know
Visit the project website
www.ToliverRoundabout.org
Sign up for project emails online or by contacting ODOT.
Check TripCheck.com for up-to-date traffic impacts during construction.
Questions or comments?
Katelyn Jackson, ODOT Community Affairs
Katelyn.Jackson@odot.oregon.gov | 503-731-8503
24/7 nighttime noise hotline: 503-276-7893

Yield signs direct traffic entering the roundabout.
Las señales de ceder el paso dirigen el tráfico que entra a la glorieta

Truck aprons are concrete surfaces that large vehicles can use to turn without using the sidewalk.
Las plataformas para camiones son superficies de concreto que los vehículos grandes pueden usar para dar vuelta sin usar la acera.

Sidewalks and crosswalks help people walking, biking and rolling navigate the intersection.
Las aceras y cruces peatonales ayudan a las personas que caminan, andan en bicicleta o sobre ruedas a navegar la intersección.

Key
Travel lanes
Sidewalk
Truck apron

Clave
Carriles de viaje
Acera
Plataforma para camiones