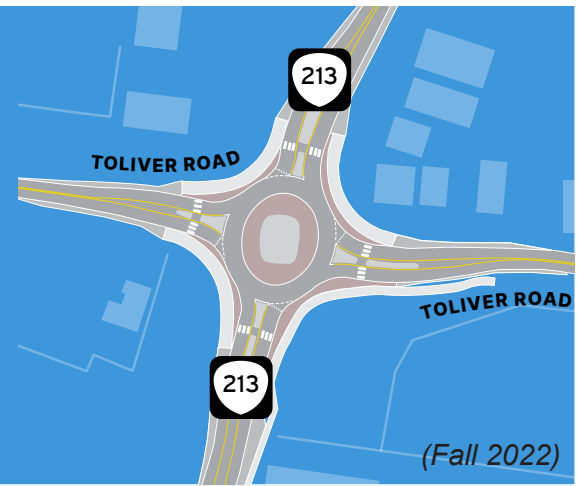


Oregon 213: Roundabout at Toliver Road

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.



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. This section of the creek is often dry through the summer.

We evaluated two methods for roundabout construction:

A Option A: Six month construction season

- OR 213 fully closed for up to three weekends.
- Each leg of Toliver Road fully closed at OR 213 for up to six weeks.
- Lane closures with flaggers directing traffic on OR 213 and Toliver Road for up to six months.

We selected option B

B Option B: Two month construction timeline using an intersection closure

- The intersection of OR 213 and Toliver Road fully closed for eight weeks in summer 2023.
- Minimal lane closures on OR 213 and Toliver Road before and after the intersection closure.

• Work Zone Safety

Construction and active traffic will be separated for the majority of work with an intersection closure.

4 out of 5 work zone crash victims are drivers and their passengers.

Full closures improve safety by 93% by reducing contractor exposure to live traffic during set up and take down of the work zone.



• Efficient use of time

180 nights

of nighttime lane closures on OR 213.

56 days

For a full intersection closure which is 3x more efficient

two months Construction timeline

six months



• Higher quality paving

Building and paving the whole intersection at once results in a higher quality roadway with fewer paving joints, which means fewer potholes and longer lasting pavement.

• Cost savings

Up to \$400,000

in cost savings with an eight-week closure of the intersection due to reduced traffic control needs.



www.ToliverRoundabout.org

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.