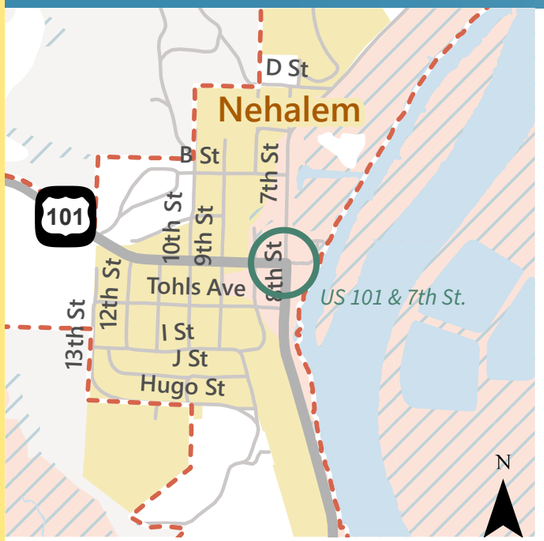
US 101 & 7th Street



THE CHALLENGES

Today...

- Congestion is high on weekends and during busy times
- Visitors don't know how to use the intersection
- Flooding closes the intersection
- From 2016 to 2020, four crashes occurred at the intersection
- Cars that don't stop make it uncomfortable for people walking to cross

In the future...

- As the area continues to grow and become more popular, congestion will continue to get worse
- Flooding is likely to occur more frequently

WHAT IS A "MINI-ROUND-ABOUT"?

A mini-roundabout is exactly what it sounds like…a **smaller roundabout**! Mini-roundabouts are often used when the existing intersection is too small for a standard roundabout (those with a raised center median). A mini-roundabout operates like a standard roundabout, with one exception. In a mini-roundabout, the **center island is built so that large trucks can drive over it**, this helps keep the roundabout small.

WHAT HAS BEEN CONSIDERED?

Intersection Improvements Considered	All-Way or Four-Way Stop	One-Way Couplet	Roundabout	Traffic Signal
Project Description	Remove "Stop Except for Right-Turn" sign and install a stop sign for northbound traffic on US 101	Make US 101 one-way northbound between Tohls and the 7th Street intersection and make 8th or 9th Street one-way for southbound traffic	Install a roundabout at the existing US 101/7th Street intersection	Install a traffic signal at the existing US 101/7th Street intersection
Project Pros & Cons	✓ Make it safer and more comfortable for people walking to cross US 101 ✗ Substantial increase in delay would create a safety concern ✗ Intersection does not meet engineering criteria for installation	✗ Would make it harder for people traveling south on US 101 to access downtown ✗ Would increase traffic on local streets ✗ Was not supported by the community	✓ Would make it safer and more comfortable for people walking to cross US 101 ✓ Would reduce delay ✓ May reduce severe crashes ✓ No criteria for installation ✗ Size would impact surrounding area	✓ Would make it safer and more comfortable for people walking to cross US 101 ✗ Increases delay for drivers on 7th/H Street ✗ Intersection does not meet engineering criteria for installation
Project Status	**Screened from further consideration** since the intersection does not meet criteria for installation	**Screened from further consideration** based on lack of community support	**Revised to a "mini-roundabout"** to limit the impact to downtown	**Screened from further consideration** since the intersection does not meet criteria for installation

Example of a mini-roundabout with a traversable center island designed for trucks to drive over.
Photo Source: Transportation Research Board

WHY A MINI-ROUNDABOUT?

- It could be constructed without having to remove any buildings or large portions of the existing parking lot
- Would reduce delay at the intersection
- Improves safety for people walking and biking
- Traversable islands maintain truck access while keeping the roundabout small

WHERE ELSE IN OREGON ARE MINI-ROUNDABOUTS BEING BUILT?

- Redmond, Oregon recently constructed their first mini-roundabout
- ODOT is designing a mini-roundabout on OR 238 in Medford