

# Willamette River Crossing

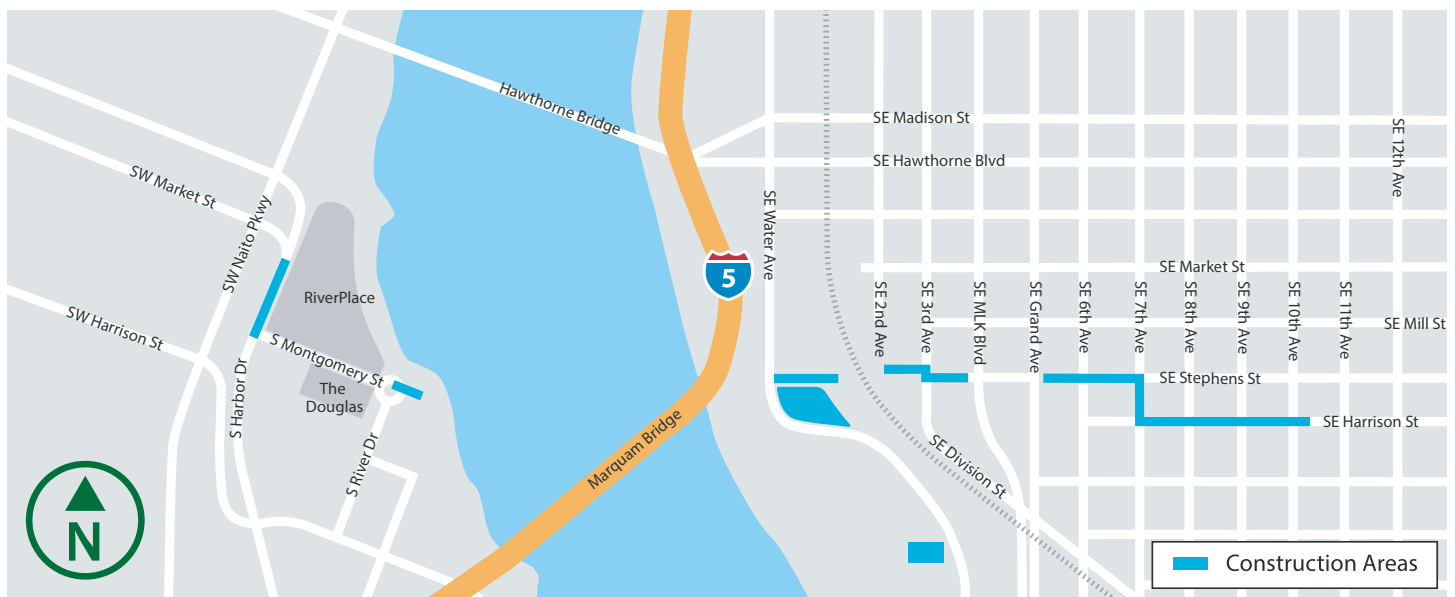
## Dust and air quality management

The Willamette River Crossing project will deliver water to the west side of the river, even after an earthquake. The improvements we're making will enhance our water system's resilience and reduce future risks, ensuring safe and abundant water for generations to come.

Just like other construction projects, our equipment and activities may generate some dust and affect air quality in the surrounding area. We will work hard to minimize these impacts to surrounding residents and businesses through the measures described below.

### Work zones

Construction will occur in different segments on both sides of the river. Each segment requires different construction methods and traffic planning. Not all segments will be under construction at the same time.



### Dust and air quality impacts

We don't expect this project to cause much excess dust because of the type of construction methods we are using will not expose large amounts of bare earth.

The construction team will monitor dust, debris, and other materials on or emitted by equipment to minimize air quality impacts. On-site personnel will monitor airborne contaminants during active construction periods to ensure contaminant levels do not exceed permissible levels. We have developed plans to ensure that the construction site remains safe for the environment and our neighbors.

### Dust mitigation measures

During construction activities, we will employ best practices to limit airborne dirt and control dust by:

- Maintaining a clean job site
- Establishing a visual air monitoring program to ensure that dust, debris, materials, and trash do not become airborne and travel off the project site
- Conducting dust control activities in work areas and nearby streets
- Establishing a truck tire wash area to remove mud and debris, where applicable
- Conducting regular street sweeping in work areas and nearby streets, as needed
- Providing ongoing driver education about best practices to minimize dust
- Modifying or stopping dust-causing activities

## Air quality mitigation measures

**Using high-quality vehicles:** The project team plans to utilize equipment and vehicles that subscribe to the City of Portland's Clean Air Construction Program to ensure that construction produces as few diesel emissions as possible. This may include off-road equipment meeting EPA's emissions standards, on-road vehicles with model year engines 2007 or newer, or diesel generators that are equipped with an emission control technology verified by EPA or the California Air Resources Board (CARB) to reduce particulate matter emissions by a minimum of 85%.

Additional ways we will ensure minimal impacts to air quality when possible and cost effective include:

- Using power drops when feasible to reduce diesel generator usage.
- Using EPA-compliant equipment with engine and exhaust filters when available.
- Minimizing idling during all work with a five-minute limit.
- Using a visual air monitoring system with field management responsible for conducting regular assessments.

## What to expect during construction:

- Typical weekday work hours are 7 a.m.–5 p.m., Monday through Friday. Minimal night and weekend work will be required.
  - Lane restrictions will occur during active work periods. Local access will be maintained when feasible.
  - Pedestrian access will be maintained using detours when sidewalks and walkways are temporarily closed.
  - Safety barriers will include signage and fencing.
  - Parking will be restricted.
  - The contractor will work with businesses and vendors to ensure delivery access.
  - Bus stops may be temporarily relocated.
  - Emergency access will be maintained at all times.
- \*Start date, duration, and work hours are subject to change due to permitting, weather, and other factors.*

## Being a good neighbor

Keeping community members informed is a priority for us during this work. We will continue to communicate with residents, businesses, and interested groups to help minimize construction impacts. Some of the ways we will share the information you need to plan ahead include:

- Community meetings and briefings
- Regular email and text message updates
- Flyers at your door
- Signage around your community
- Social media updates
- A construction information hotline
- Prompt, individualized responses to inquiries

## For more information

- Visit the website: [Portland.gov/water/wrx](https://portland.gov/water/wrx)
- Email us: [wrx@portlandoregon.gov](mailto:wrx@portlandoregon.gov)
- Call us: 503-823-7499

The City of Portland is committed to providing meaningful access. To request translation, interpretation, modifications, accommodations, or other auxiliary aids or services, contact 503-823-7499 or 311 (503-823-4000), for Relay Service & TTY: 711.

Traducción e Interpretación | Biên Dịch và Thông Dịch | 口笔译服务 | अनुवादन तथा व्याख्या | Устный и письменный перевод | Turjumaad iyo Fasiraad | Письмовий і усний переклад | Traducere și interpretariat | Chiaku me Awewen Kapas | Translation and Interpretation: 503-823-7770 | [portland.gov/water/access](https://portland.gov/water/access)