

SW Terwilliger Boulevard Sewer Project

Why close SW Terwilliger Boulevard to motor vehicles?

Trail still open to bikes and pedestrians.

Sewer Construction:

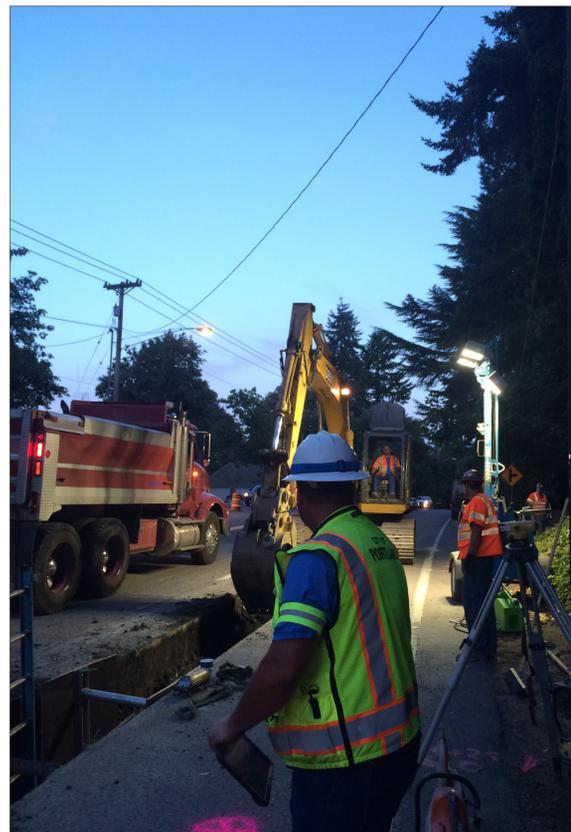
The contractor will install the sewer in the center of the road, which doesn't leave enough space to safely move traffic through the work area.



Example of open trench pipe repair in a neighborhood

Equipment and Materials Staging:

This project will require large machinery working on a street with no shoulders. Closing the street gives work crews a staging site near the work area. Staging on-site saves time and reduces project costs.



Why not leave one lane open?

- ▶ There would be no safe spot for vehicles to turn around if traffic backs up.
- ▶ The narrow road and curves obscure line of sight. Traffic lane restrictions would put workers and the public in danger, especially at night.
- ▶ To move traffic through the work area in a single lane, flaggers would need to work 24 hours a day, which is cost prohibitive.



Why will the upper portion of Terwilliger remain open?

- ▶ People who live on SW Northgate Avenue, SW Powers Court and SW Castleridge Lane can only access their properties from SW Terwilliger Boulevard.
- ▶ Tryon Creek State Park needs access to the Iron Mountain Trailhead on SW Terwilliger Boulevard to retain public access to trails, bike paths, and activities.

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What to Expect During Construction

Work Hours

Work hours are 7:00 a.m. to 7:00 p.m. Monday through Friday, but the contractor may schedule work during the same hours on Saturdays. The exception to this will be if emergencies arise to lengthen the work day to 10:00 p.m. and during grind and overlay for street paving at the end of the project. We expect night work for up to 10 days during paving, and neighbors will be given advance notification of this work.

A Safe Work Site

Safety is our top priority. You can help keep the area safe by staying clear of all construction activities and keeping children and pets away from the construction area.

Noise Vibration And Dust

Construction creates noise, vibration and dust and disrupts normal neighborhood activities.

Traffic Delays

You should expect traffic delays around the construction area. Please observe traffic control signs and follow the directions of flaggers. The contractor will maintain normal access to all properties, but construction may impact normal use of your driveway.

Parking Restrictions

Parking will be prohibited in the work zone to create a safe work environment and to stage equipment and materials.

Maintained Service

Sewer, water, and other utilities will remain in service during construction.

SW Terwilliger Boulevard Closed

SW Terwilliger Boulevard will be closed to all traffic from the Iron Mountain Trail Head to Highway 43 for the duration of the project.

Schedule Changes and Inactivity

Construction schedules can change due to a variety of factors, including conditions underground, weather, traffic impacts, subcontractor schedules and availability of materials. There may be periods of inactivity between construction phases.

Project Information

www.portlandoregon.gov/bes/swterwilliger



SEWER PIPE CONSTRUCTION METHOD— Open Trench Excavation

OPEN TRENCH EXCAVATION

is the traditional and most common method of sewer construction, repair or replacement. It consists of excavating a trench—usually in the middle of the street—up to 40 feet down and installing new or repairing old sewer pipe. The trench is then backfilled and paved.

WHAT YOU MIGHT SEE:

- Materials delivered and stored in the right-of-way.
- Pavement cut to trench width using a pavement saw.
- Pavement and material removed by large equipment and loaded into dump trucks.
- Pipe installed in trench.
- Trench backfilled with sand or gravel and compacted.
- Temporary pavement installed as work progresses forward.
- Impacted areas re-seeded, streets cleaned, and other remaining restoration completed as permanent paving is finished.



Dump truck delivers sand and gravel.



Trench cut in street provides access to pipe.



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