

East Side Interceptor Lining Project

Conveyance System Improvements in Renton

Spring 2019

Sewer line work begins this spring!

Beginning this spring, a contractor working for King County will begin repairing about 3,700 feet of sewer line in Renton. This work will take place mostly along Logan Avenue, near The Landing shopping center and Boeing's Renton facility.



Why are we doing this project?

The Eastside Interceptor is one of the main sewer lines that bring untreated wastewater to the treatment plant in Renton. This line starts near Kirkland and runs south on the east side of Lake Washington. It is eight feet in diameter by the time it gets to the project area.

The pipe is aging and reaching the end of its service life. It is over 50 years old and corrosion has been found in parts of the pipe. The pipe needs to be repaired so it does not fail, overflow or disrupt service.

What to expect during construction

- The northern-most work area (on Boeing property) will include a staging area, construction trailer, vehicle and equipment storage, and pumps and generators. There will be an east facing screen wall to lessen noise reaching The Landing and nearby residential buildings.
- There are no planned service disruptions for power, water, or sewer service.
- The bypass pipe will be located in and along the side of Logan Avenue; the pipes may affect portions of the bike lanes and sidewalks here.
- There will be traffic impacts, including a temporary bus stop relocation, lane closures, detours, flaggers, etc., during both bypass construction and during lining work.
- During lining work, there will be equipment and work areas at the surface, where workers and equipment can access the sewer pipe. There will also be ventilation and odor control.
- A short section of Burnett Avenue North will be closed at North 6th Street. This work area is where the bypass pipe will connect back into the Eastside Interceptor.
- Odor and noise control measures are included with the project, but there may still be instances where people notice odors and noise from the project.

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What are the benefits?

This project will allow the pipe to stay in use for perhaps another 50 years, or more. Lining the pipe will reduce the surface impacts (see below) when compared to replacing the line.

What will happen and how will it affect the area?

This project will have four phases:

- **Mobilization:** First, the contractor will mobilize and set up for construction. This will include a project staging area and a screening wall to block noise.
- **Bypass pipe construction:** Workers need to be in the pipe to apply the lining, and the pipe needs to be dry with no flows going through it. To do this, the contractor will build a bypass piping system to collect the wastewater in the pipe, bring it past the work area, and then put it back into the main pipe, where it will continue on to the treatment plant.

Bypass construction will likely be the most impactful part of the project and will consist of:

- Bypass piping is made up of multiple pipes. The piping will generally follow Logan Avenue and will either be on the surface or buried where it crosses travel lanes.
 - The bypass will connect into the Eastside Interceptor at the north end of the project area, on Boeing property, just south of the Lake Washington Blvd North and Southport Drive North intersection. Here the bypass system will collect and transport sewer flows around the project. There will be pumps, generators, and piping located here.
 - The bypass pipes will be located outside of the traffic lanes; however, work will have to take place within Logan Avenue to build and install the pipes. This will affect traffic. Much of the work will be done at night to lessen impacts. The work will require a city-approved traffic control plan.
 - The bypass pipe ends at Burnett Avenue North near the North 6th Street intersection. This is where the bypass will connect back into the Eastside Interceptor pipe.
- **Lining work:** As noted above, the lining work will take place inside the pipe. There will be work areas and support equipment on the surface. Work locations will change as the work progresses.
 - **Restoration and clean-up:**
 - The contractor will remove vehicles, equipment, fencing, and temporary buildings.
 - The bypass piping and support equipment will be removed.
 - All areas disturbed by the work will be restored, including streets, sidewalks, and landscaping.

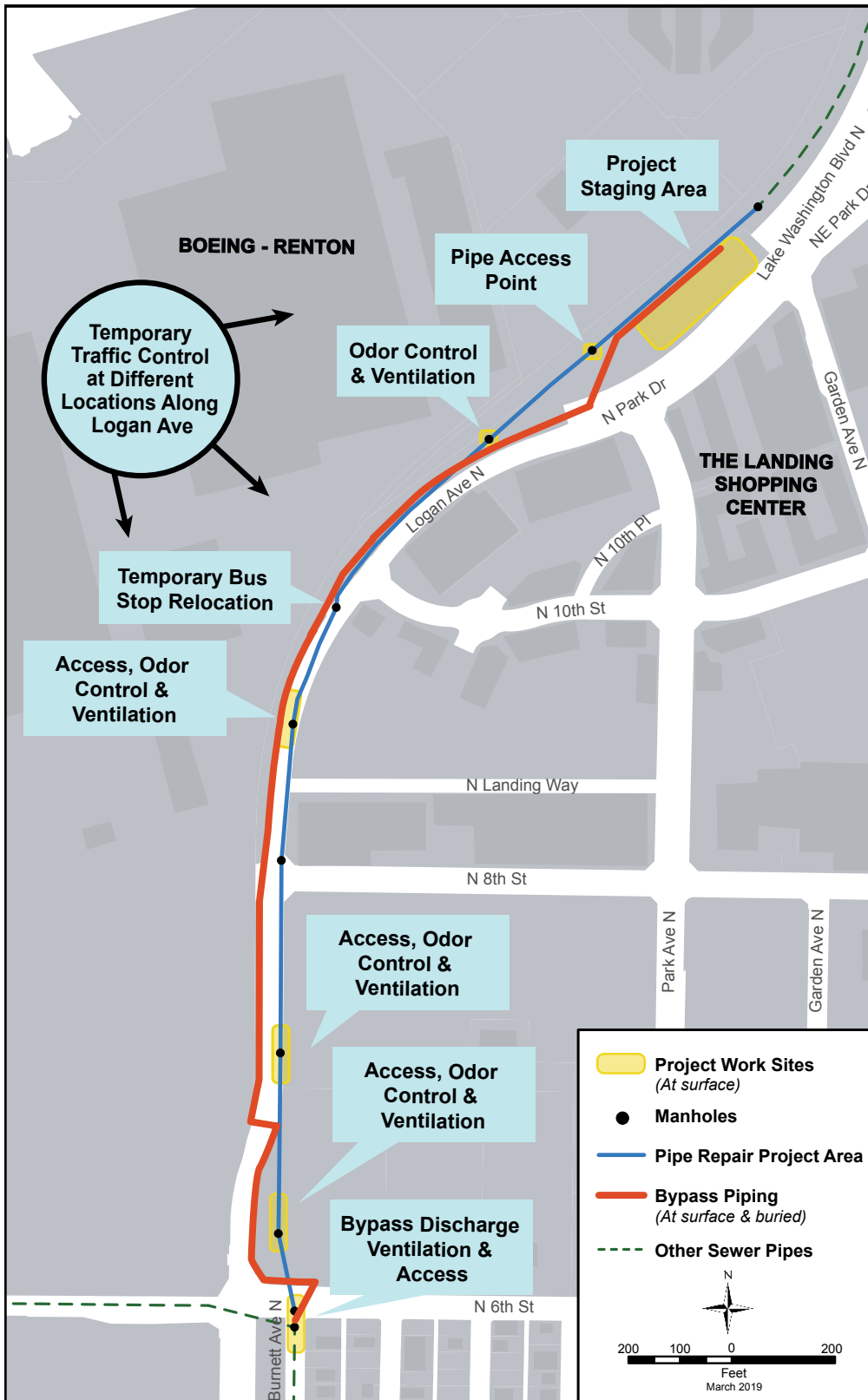


Installation of sewer pipe lining

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Construction in your area

Construction will happen this spring through fall.

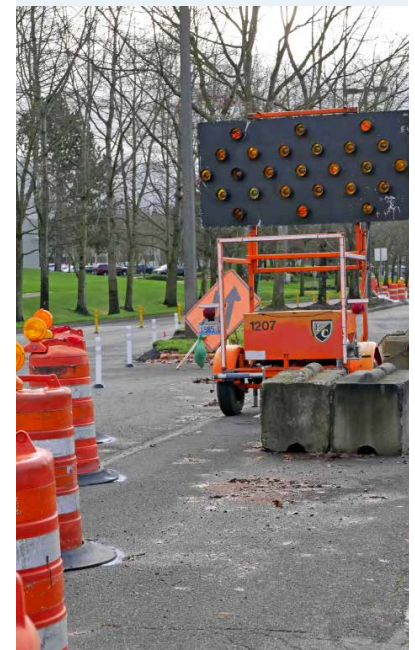


Stay informed

► The project website has a project description and information - kingcounty.gov/esi-02

► Sign up for email and text construction updates on the website. This is the best way to stay informed.

► For questions or comments contact David Freed at **206-263-9453** or david.freed@kingcounty.gov. Most calls and emails are answered within one working day.



Traffic control measures



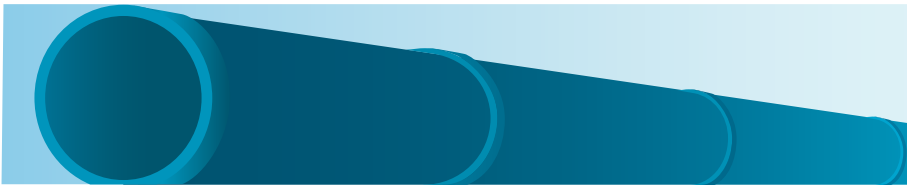
King County

Department of Natural Resources and Parks

Wastewater Treatment Division

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***Learn about sewer
line work starting
in your area!***



East Side Interceptor Lining Project Conveyance System Improvements in Renton

The project includes repairing about 3,700 feet of sewer line in Renton. Work will start in April 2019 and go through the end of the year.

Questions about construction? Call us at 206-263-9453.

Alternative Formats Available

206-477-5371 TTY Relay: 711