

Welcome

King County's contractor finished the major work to install the new pipe on the morning of Monday, May 7. The County team recognizes that this work was around-the-clock and disruptive to the community. We deeply appreciate the patience neighbors showed the project team during this phase of the project.

With approximately 3,000 feet of new pipe installed between 32nd Avenue West and Smith Cove Park, crews will finish installing the remaining 50 feet of pipe early this week. Equipment on 32nd Avenue West will be cleaned and stored on 32nd Avenue West near Clise Place West for final removal from the area.

WHAT TO EXPECT

- Similar levels of noise and activity during normal working hours at Smith Cove Park
- 2-way traffic restored on 32nd Avenue West south of Clise Place West after equipment is removed
- No night work is currently scheduled
- Traffic control and site security crews will remain on site at 32nd Avenue West until the final piece of pipe is installed and equipment is removed later this week
- Increased noise from vacuum trucks on site during the week to clean out equipment
- 32nd Avenue West remains closed from 33rd Avenue West to Clise Place West for equipment storage and removal

Here is what you can do

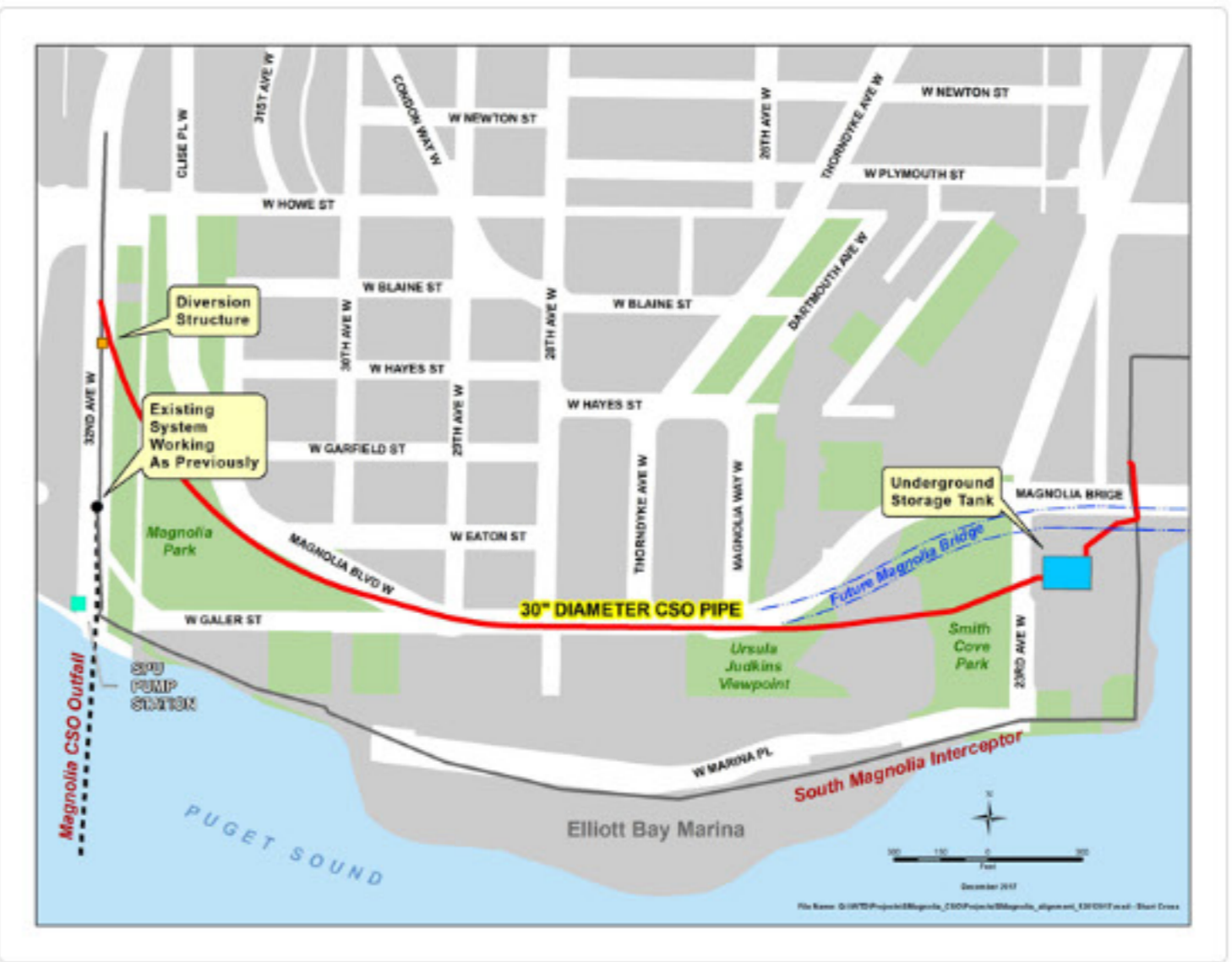
- Learn about the [construction method](#) being used
- [Scroll through construction activities and see the schedule](#)
- Learn about construction activities in [Smith Cove Park](#), and at [32nd Avenue West and Clise Place West](#)
- Ask the project team [questions](#)
- Sign up for [more information](#)

How to use this online open house

- Visit stations in the tabs at the top of the page
- Click the or select any tab at the top of the page to move between the stations
- Keep track of your notes and questions at the bottom of the page and submit them at the "For more info" station

Take notes as you go

Use this field to jot notes for yourself as you move through the online open house. Your notes on each page will transfer to the comment form.



Click image for larger map

The project pipe (shown in red line above) connected the sewer system to a storage tank in Smith Cove Park. Once another pipe is installed, the Magnolia Wet Weather Facility will be back online, helping to protect Puget Sound water quality.

For more information, please:

Call: 24-hour construction hotline at [206 205-5969](tel:2062055969)
Email: Monica.VanDerVieren@kingcounty.gov

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Controlling CSOs

This project keeps sewage and stormwater out of Puget Sound

When heavy rains fill our wastewater pipes, Combined Sewer Overflows (CSOs) release sewage and stormwater into Puget Sound and other local water bodies. The chemicals and germs in CSOs can damage water quality, and harm people and animals.

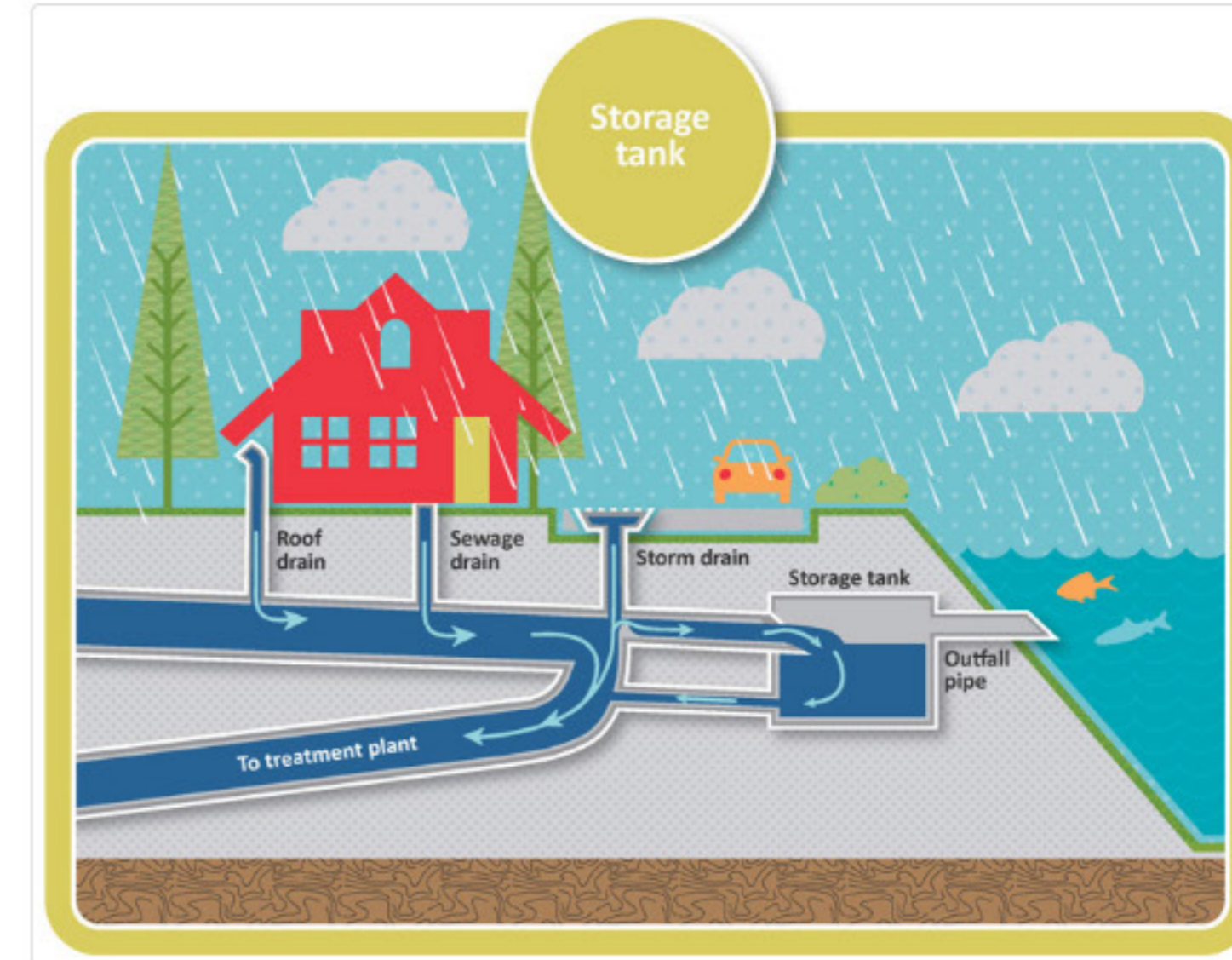
CSOs in King County exist only in older Seattle neighborhoods, where one set of pipes carries both sewage and stormwater. CSOs release 10 percent sewage and 90 percent stormwater. Most of the time, this water goes to a wastewater treatment plant.

Through its [Protecting Our Waters](#) program, King County is working to limit its CSOs to one overflow per year on average over the long-term.

The pipe to be replaced was installed in 2015 as part of the South Magnolia CSO Control project to meet this requirement.

Did you know?

Since 1979, King County has reduced its overflows by 90 percent. This has kept more than 2.3 billion gallons of sewage and stormwater out of local waterways.



Click image for larger graphic
CSOs in Magnolia send sewage and stormwater to Puget Sound during storms.

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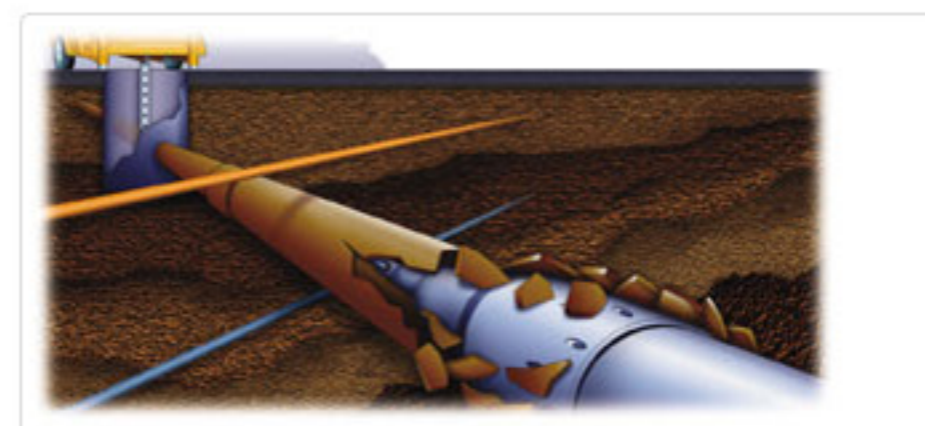
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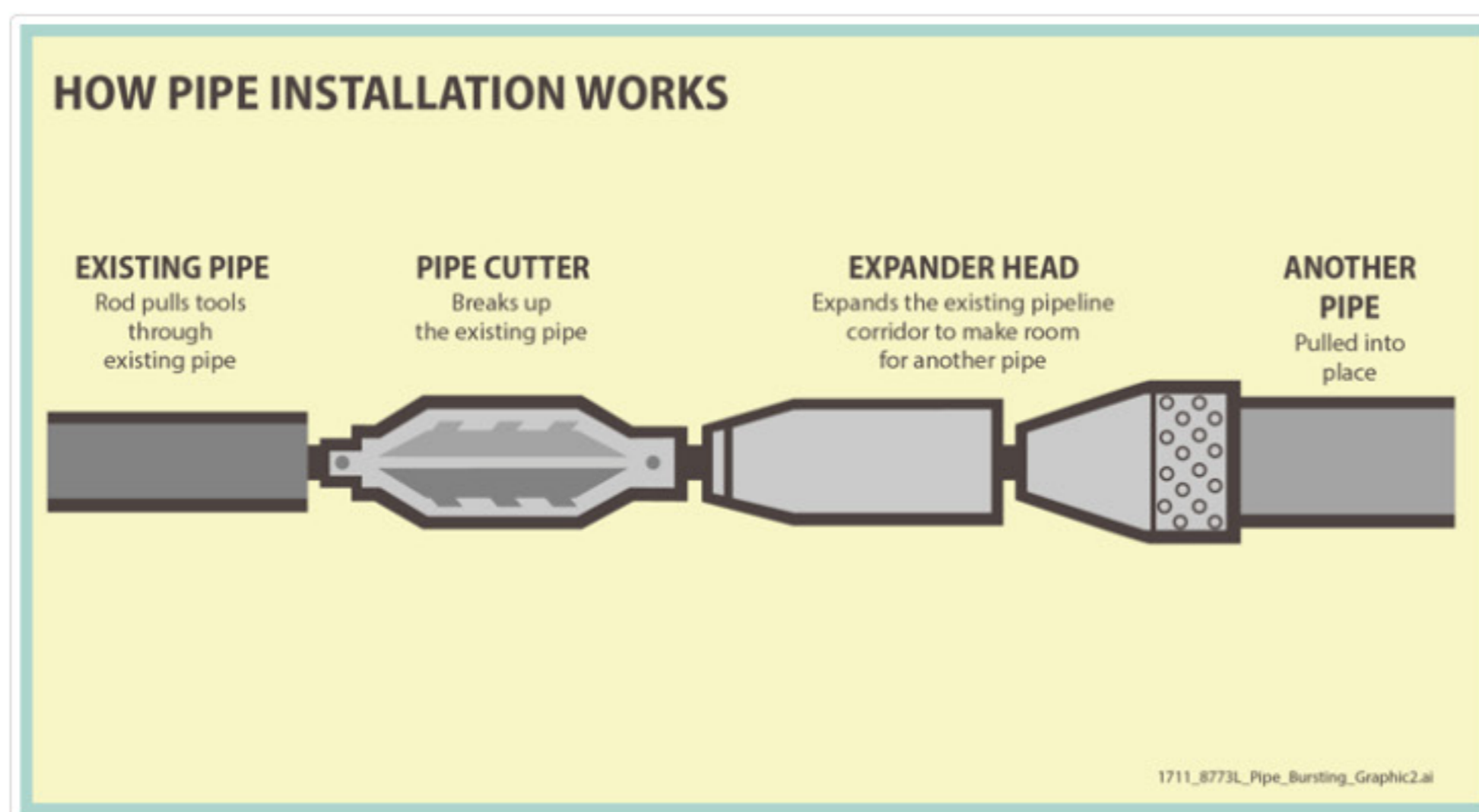
Construction method: pipe bursting

King County's contractor will install another pipeline in the existing pipe corridor. Crews will work at an entry pit on 32nd Avenue West and an exit pit in the south end of the Smith Cove Park athletic fields. Prior to installing the pipe, King County's contractor will fuse the pipe, first in sections and then in one long string. Fusion activity will require the closure of 32nd Avenue West between 33rd Avenue West and Clise Place West, and the closure of the parking lane on Clise Place West from 32nd Avenue West to 33rd Avenue West.

King County's contractor will use a method called *pipe bursting*. Pipe bursting uses a drill rig to pull a series of tools and another pipe through the existing pipeline from the entry pit to the exit pit in Smith Cove Park (shown in the graphic and diagram). The pipe material is polyethylene (HDPE), which works well for this method.



A pipe cutter breaks up an existing pipe while pulling another pipe behind the expander head.



Click image for larger graphic

The pipe bursting process takes place in one step. It is expected to take three days. The pipe cutter tool breaks and expands the existing pipe while pulling another pipe through the same path as the current pipe.

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Construction activities and schedule

King County's contractor began construction at Smith Cove Park in December 2017 and 32nd Avenue West in January 2018. Pipe bursting is expected in late March/early April, followed by restoration of affected structures, streets, and landscaping. **Scroll through the pictures below to learn about the planned construction activities in both locations.**

King County's contractor will close a portion of 32nd Avenue West to fuse pipe sections. After shorter segments are assembled, they will extend segments onto Clise Place West prior to and during the pipe bursting. The contractor will extend the pipe along the east side of 32nd Avenue West to the entry pit during the bursting step. This plan reduces the number of 2-hour fusion periods during the pull, shortens the time required, and maintains access to most homes on 32nd Avenue West, and by the waterfront.

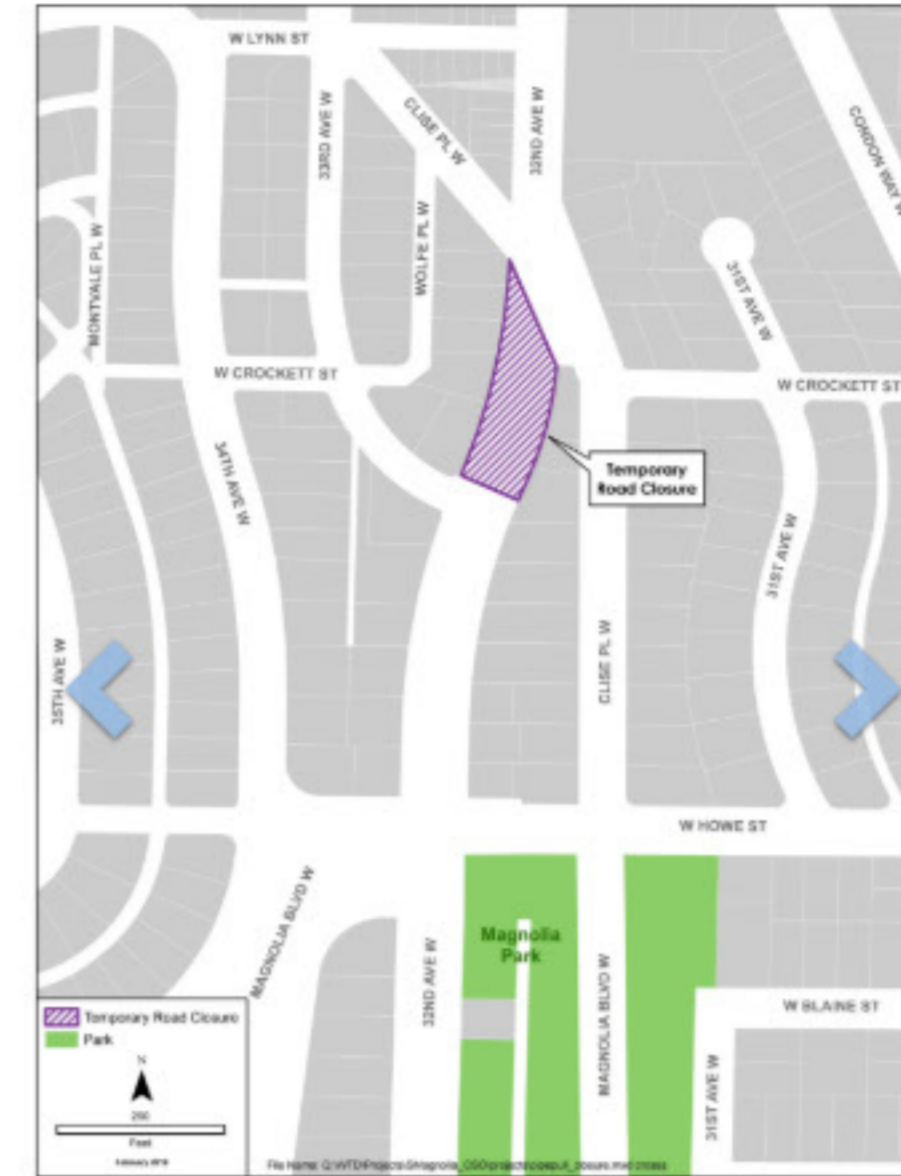
The County's contractors often propose different ways to carry out work. The County's project team reviews and approves these proposals, and Community Relations shares updated activities with project neighbors and the community.



Crews have excavated the exit pit in Smith Cove Park.



Scroll through the maps below to learn about the closures during pipe fusing and installation.

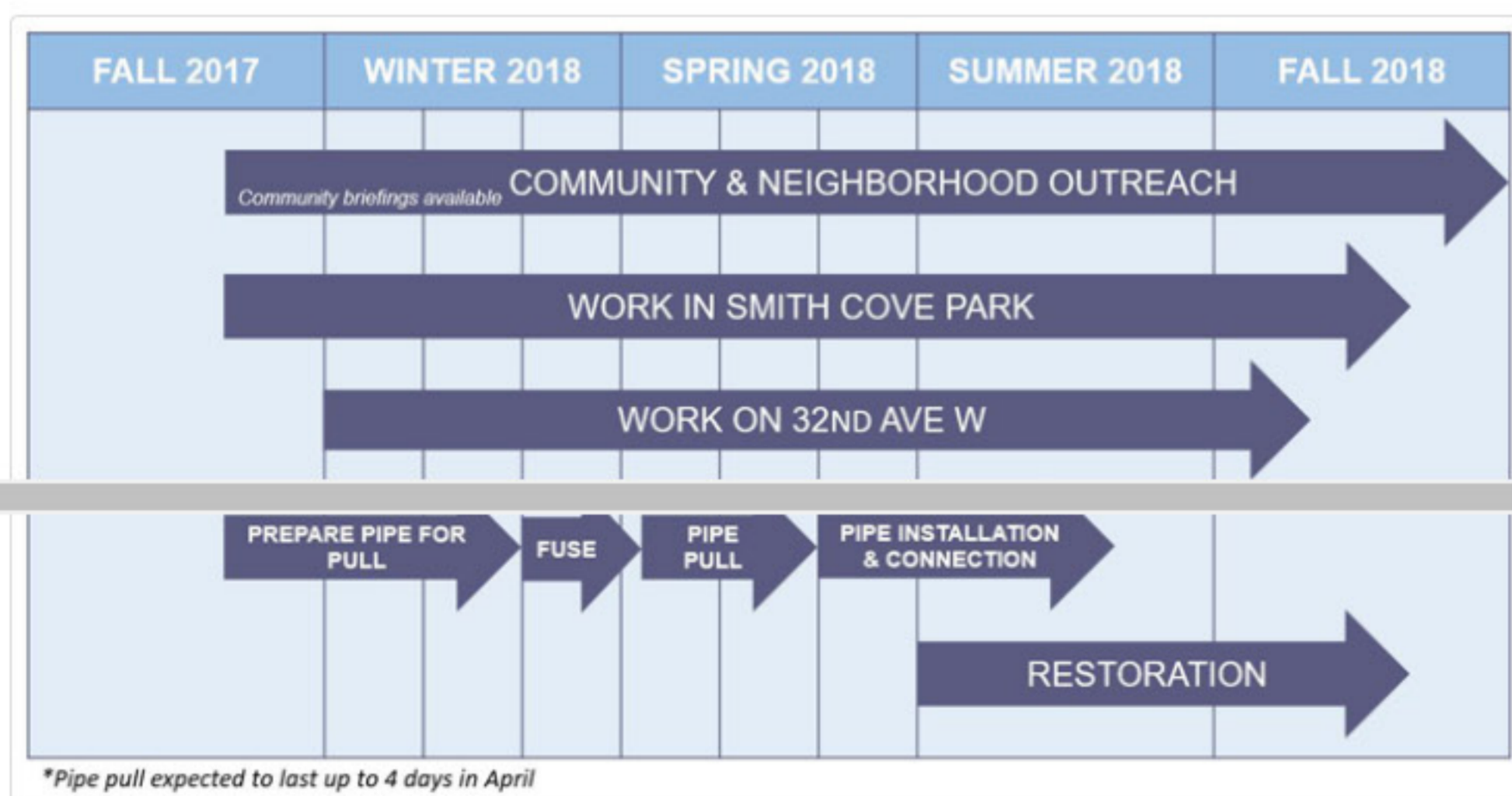


Click image for larger map

In early March, crews will temporarily close 32nd Avenue West between 33rd Avenue West and Clise Place West to fuse pipe segments at a fusing tent. This closure will last approximately five weeks.



Schedule



Click image for larger graphic

This is a tentative construction schedule. Dates and durations are estimates and subject to change. Information about construction will be provided in advance of activities in each area.

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What to expect - Smith Cove Park

Construction is underway

Since December 2017, crews have:

- Staged and mobilized equipment on site
- Established the exit pit and accessed the existing pipe

What to expect:

- After pipe assembly is complete, a drill rig will be used to pull the pipeline from 32nd Avenue West to Smith Cove Park
- The contractor will restore the work area before the end of the project
- Public access to the north end of the Smith Cove athletic field will be maintained
- People will notice increased noise and construction activity in Smith Cove Park
- Construction equipment such as drilling rigs, trucks, mud plants, cranes and excavators are located at the worksite
- Occasional short delays for deliveries on 23rd Avenue West – access to businesses will be maintained
- Flaggers and signs will help traffic and trail users pass by the work area safely
- Park users can find construction fliers posted in a flier box on the fence



[Click image for larger image](#)

A drill rig will be used to pull the pipeline from 32nd Avenue West to Smith Cove Park.



[Click image for larger image](#)

Smith Cove Park's southern athletic field will be closed through June 2018. Equipment is staged within a fence along the yellow, dotted lines.

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What to expect - 32nd Avenue West and Clise Place West

Construction is underway

Since work began in January 2018, crews have:

- Staged and mobilized equipment on 32nd Avenue West
- Excavated a pit to access the existing pipe

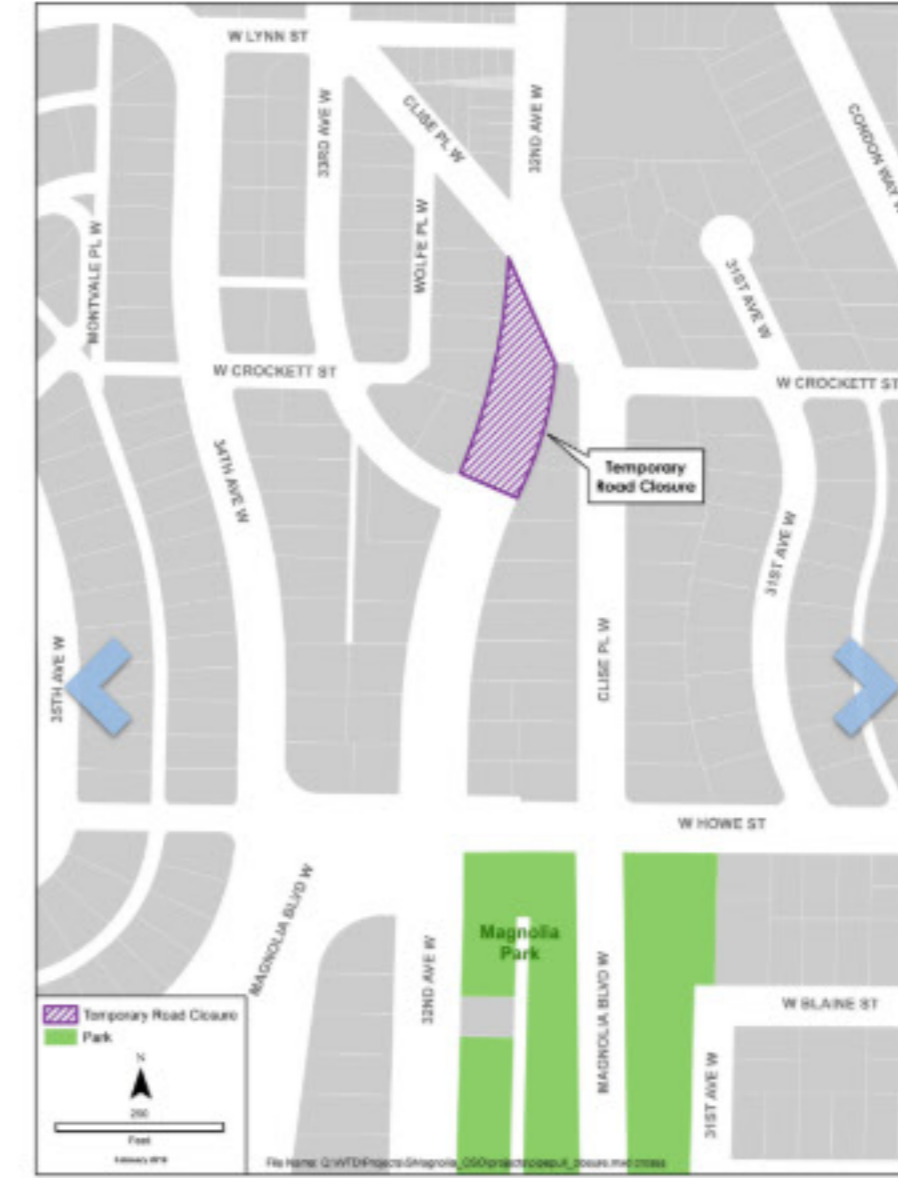
Next steps:

- The contractor will close 32nd Avenue West between 33rd Avenue West and Clise Place West to assemble pipe sections (March)
- Pipe segments will be stored at the Port of Seattle and delivered to 32nd Avenue West as they are needed
- The contractor will fuse and assemble the full pipeline and guide it up Clise Place West before installing the pipe (April)
- The contractor will use pipe bursting to break up the existing pipe and pull another pipe through the existing pipeline (April)
- The contractor will reopen all closed driving and parking lanes (May)
- The contractor will restore the diversion structure that sends excess wastewater and stormwater to the Magnolia Wet Weather Facility
- The contractor will restore the work area

What to expect:

- 32nd Avenue West will be closed from 33rd Avenue West to Clise Place West while crews fuse, assemble small segments of pipe and install the pipe (approx. five weeks)
- Parking will be removed on the west side of Clise Place West immediately prior to pipe bursting (approx. two weeks)
 - Two lanes of narrow traffic will be maintained on Clise Place West between 32nd Avenue West and 33rd Avenue West; please use caution as you are driving through this area
 - Occasionally, crews may need to use flaggers when Clise Place West must be temporarily reduced to one lane between 32nd Avenue West and 33rd Avenue West
- 32nd Avenue West will be reduced to one lane between the construction zone and West Galer Street during the pipe pull (approx. 3 days)
- 32nd Avenue West will be reduced to one lane near the construction zone, as needed (throughout construction)
 - There will be limited access on 32nd Avenue West during pipe installation, and intermittent traffic delays of up to 2 hours when the pipe is being installed.
- Expect increased noise and construction activity along 32nd Avenue West
- Crews, material and equipment, including a small drill rig, will be in the 32nd Avenue West right-of-way
- King County's project team will work with any affected neighbors to address impacts during this time

Scroll through the maps below to learn about the closures during pipe fusing and installation.



Click image for larger map

In early March, crews will temporarily close 32nd Avenue West between 33rd Avenue West and Clise Place West to fuse pipe segments at a fusing tent. This closure will last approximately five weeks.



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