

# MAGNOLIA CONVEYANCE PROJECT

King County  
Department of Natural Resources and Parks  
Wastewater Treatment Division

Welcome Construction Activities Smith Cove Park 32nd Ave W For more info 

## Welcome


King County's contractor for the Magnolia Conveyance Project will be installing another pipe to connect to the Magnolia Wet Weather Facility. The underground storage tank, located in Smith Cove Park, is designed to store excess flows of stormwater and wastewater in large storms, and reduce [combined sewer overflows \(CSOs\)](#) to the Puget Sound. After storms, stored flows are sent to the West Point Treatment Plant in Discovery Park.

The existing pipe was discovered to have a break far below West Galer Street in the area of Thorndyke Avenue West. Over the next several months, the contractor plans to assemble and pull another pipeline through the existing pipe corridor.

### This online open house offers you the chance to:

- Learn about the project's work areas, schedule and construction activities
- Prepare for what you can expect during construction
- Ask the project team questions
- Sign up for more information

### How to use this online open house

- Visit the tabbed "stations" 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.

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[Click image for larger map](#)

The existing pipe (shown in red line above) connects 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](mailto:Monica.VanDerVieren@kingcounty.gov)

Search: "Magnolia storage" at [kingcounty.gov](http://kingcounty.gov)

Follow: [@KingCountyWTD](https://twitter.com/KingCountyWTD) on Twitter

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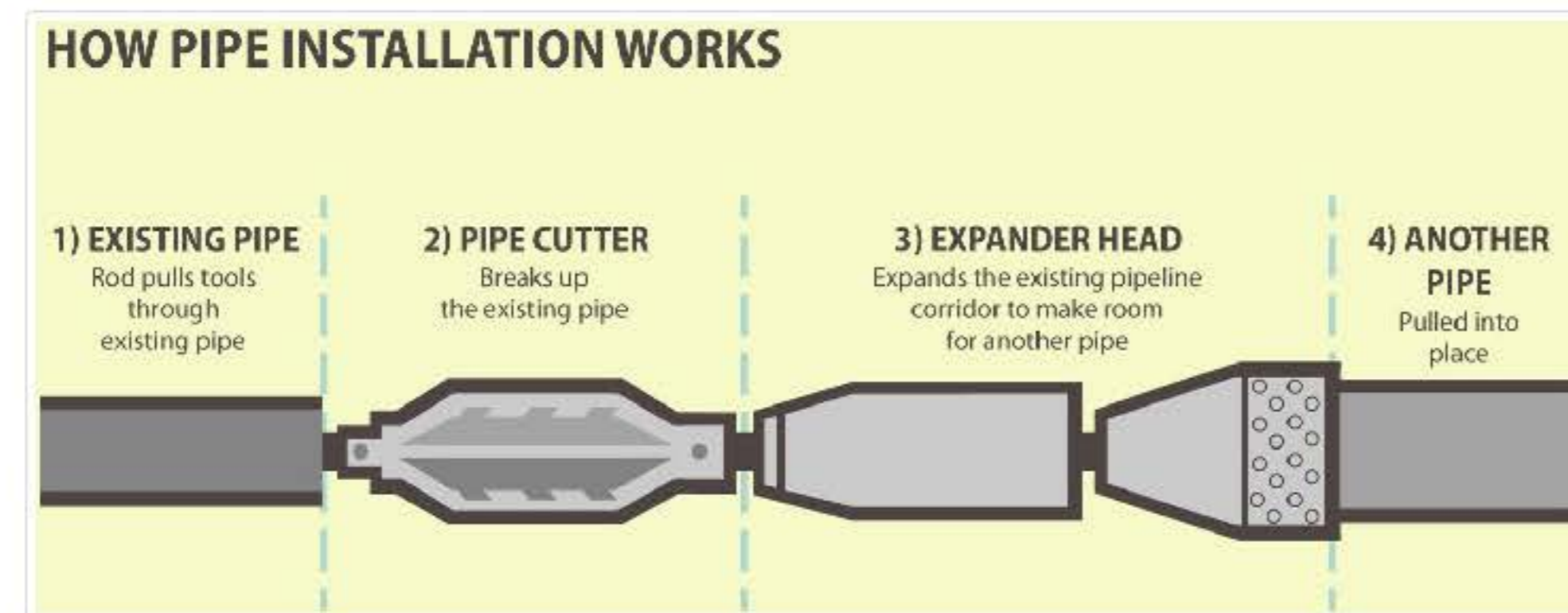
- Welcome
- Construction
- Activities
- Smith Cove Park
- 32nd Ave W
- For more info

## Construction

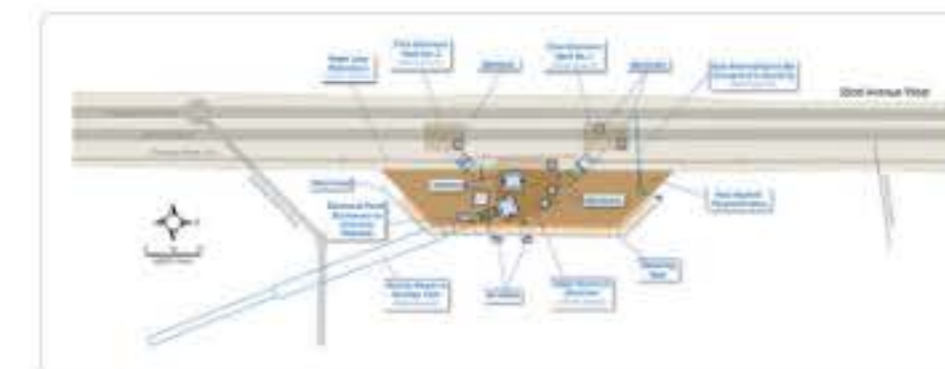
Crews will work in Smith Cove Park and on 32nd Avenue West to install another pipeline into the existing pipe corridor. The pipe will be assembled on 32nd Avenue West.

King County's contractor will install the new pipe using a method called *pipe bursting*. Pipe bursting uses a series of tools to pull a pipe through the existing pipeline from one end to the other (shown in the graphic and diagram). The pipe cutter tool breaks and expands the existing pipe. This project will use a pipe made of high density polyethylene (HDPE).

The pipe will be pulled from the diversion structure on 32nd Avenue West to the exit point in Smith Cove Park using the same path as the current pipe. King County's project team will be working closely with project neighbors throughout construction to provide advanced notice of activities and address questions and concerns.



*Click image for larger graphic*  
The steps in the pipe bursting process.



*Click image for larger graphic*  
Beginning in January 2018, the County will begin staging in the diversion structure area at 32nd Avenue West.



*Click image for larger image*  
In December 2017, crews began staging in Smith Cove Park. Equipment is staged within a fence along the yellow, dotted lines..



A pipe cutter breaks up an existing pipe before pulling in a new pipe.

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## Activities and Schedule

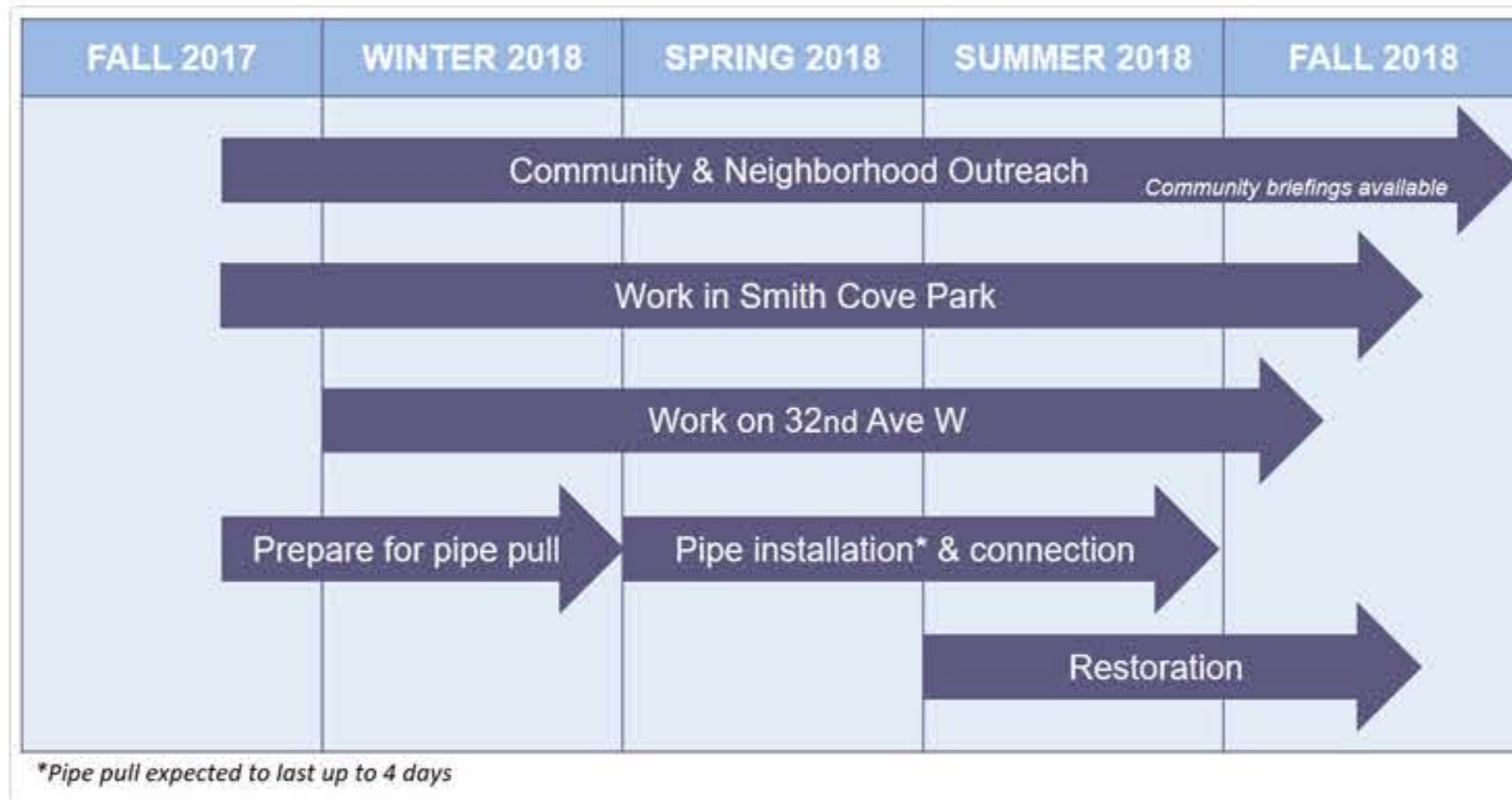
In August, the contractor began preparing the work site in Smith Cove Park for construction which began in December. Work on 32nd Avenue West will begin in January. **Scroll through the pictures below to learn about the planned construction activities.**



Crews will excavate the exit pit in Smith Cove Park.



## 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 began in December 2017

- Contractor mobilized to the site in August 2017
- Crews will excavate the exit pit in Smith Cove Park
- Excavation will occur at the base of the hill
- 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

#### What to expect:

- King County's contractor is expected to occupy the work area through June 2018
- Public access to the north end of the Smith Cove athletic field will be maintained
- Increased noise, and construction activity in Smith Cove Park
- Construction equipment such as drilling rigs, trucks, mud plants, cranes and excavators will be located at the worksite
- Occasional short delays for deliveries on 23rd Avenue West - access to businesses will be maintained
- Traffic control personnel and signs to help traffic and trail users pass by the work area safely



The work area in Smith Cove Park athletic fields is similar to the previous project.



Click image for larger map

Smith Cove Park's southern athletic field will be closed through June 2018.

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## What to expect - 32nd Avenue West

### Construction begins January 2018

#### Crews will:

- Mobilize equipment to 32nd Avenue West
- Excavate a pit to access the upper end of the existing pipe
- Lay out and assemble pipe along 32nd Avenue West
- Pull another pipe through existing pipeline
- Restore diversion structure
- Restore work area

#### What to expect:

- Increased noise and construction activity along 32nd Avenue West
- Crews, material and equipment, including a small drill rig, in 32nd Avenue West right-of-way
- Temporary delays and one-lane road
- Road closed for up to four days during pipe pull
- Occasional traffic delays
- Traffic control personnel and signs to help traffic, pedestrians and cyclists pass by the work area safely



Accessing the diversion structure on 32nd Avenue West will reduce traffic to one lane.



Click image for larger map

When crews pull the pipe in spring 2018, 32nd Avenue West will be closed from Clise Place West to the end of the street.

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## Questions and Comments

Thank you for visiting the Magnolia Conveyance Project's Online Open House! If you would like to receive updates on the project via email, please check the box below and provide your contact information.

Your notes will also appear in the box below. You can edit your notes and submit your comments and questions. We will respond to your questions as quickly as possible.

**First name**  **Last name**

**Email address**

**Receive project updates**

**Comment**

Comment

**King County will work with the community every step of the way.** We will work directly with the community throughout the project to minimize construction impacts. Residents can expect:

- Individual responses to all questions and concerns made to the project's 24-hour construction hotline ([206-205-5969](tel:206-205-5969)). If you are calling about an emergency, please call 911.
- Advance notice of construction activities via mail, email, phone and door hangers
- One-on-one problem solving with residents directly impacted by construction activities
- Construction updates and news via notices, emails, and texts. Sign up on [our website](#).



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