

Longfellow Creek Natural Drainage System (NDS) Project

Construction along 24th Ave SW

Seattle Public Utilities (SPU) is installing natural drainage systems (NDS) on 24th Ave SW between SW Thistle St and SW Barton St.

What is a Natural Drainage System?

Natural drainage systems are built in the roadway shoulder (the space between the street edge and the property line) and are filled with deep-rooted plants and spongy soils that temporarily hold and clean polluted stormwater from streets and sidewalks, removing pollutants before they can reach Longfellow Creek. Natural drainage systems offer multiple benefits to local neighborhoods and ecosystems, including increased landscaping, improved stormwater drainage, healthier creek ecosystems, increased habitat along our streets, traffic calming, and pedestrian improvements.

What Will the Project Include?

- **Natural drainage systems:** Natural drainage systems will help improve stormwater drainage and remove pollutants from stormwater runoff to improve water quality in Longfellow Creek.
- **New sidewalk with curb and gutter:** We are excited to partner with the Seattle Department of Transportation (SDOT) to install a sidewalk along the west side of 24th Ave SW between SW Thistle St and SW Barton St.

Construction Timeline

Construction at this site began in April 2022 and will go through Spring 2023. During construction, the contractor will first install the natural drainage system, then complete roadway work. After this work is finished, crews will complete landscaping and planting.



A completed natural drainage system.

What to Expect During Construction

- Construction work during weekday, daytime hours
- Work completed in segments along 24th Ave SW
- Construction noise, dirt, dust, and vibrations near the work area
- Parking restrictions and temporary lane closures near the work area
- Temporary blockage of driveway access during some construction activities, with access reopened during nights and weekends (when possible)
- Materials and equipment staged along the road edge
- Delivery services, waste pick-up, and emergency vehicle access will be maintained
- Mailboxes may be temporarily relocated during construction to facilitate delivery
- Some residents may experience brief water service interruptions when water meters are relocated (residents will be notified in advance)
- Removal of street trees and installation of new street trees in areas where natural drainage systems and sidewalks are installed
- Installation of curb gutters and driveway aprons along 24th Ave SW

How to Prepare for Construction

If you have items in the public right-of-way (e.g. plantings, rockeries, and/or fences) that you would like to keep, please remove them prior to construction.

Stay in Touch

SPU is happy to answer questions and provide any information you need to be informed about this project and its impacts to you and your neighborhood.

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Visit: www.seattle.gov/utilities/longfellowNDS



A newly planted natural drainage system.