

## Delridge Natural Drainage Systems

### Project Update

Spring 2014

Seattle Public Utilities (SPU) is planning to construct a natural drainage project, also known as roadside rain gardens or green stormwater infrastructure, along several blocks of 17th Avenue SW in the South Delridge neighborhood to help manage stormwater and protect Seattle's waterways.

Based on community input through November 2013 and refinement of project scope due to cost considerations, the selected locations for the natural drainage systems include 17th Avenue SW from SW Kenyon to Henderson Streets and portions of the intersecting cross streets selected based on performance, existing site conditions, and project criteria.

### What is a natural drainage project?

Seattle's drainage and sewer system is a blend of combined, partially separated, and separated systems. Delridge is a neighborhood with a combined sewer system where the sewage and stormwater normally flow in one pipeline. When it rains, the volume of stormwater may exceed the capacity of the system, sometimes leading to sewage overflows to Longfellow Creek. These overflows not only spill sewage into our waterways, they also spill polluted stormwater runoff that flows off rooftops, streets, and other hard surfaces. The natural drainage system process slows and filters polluted runoff every time it rains. Natural drainage systems can slow or reduce polluted runoff by capturing it and cleaning it before it harms our waterways.



Project Area Map

This project will help reduce the overflows going into Longfellow Creek, reduce demand on existing pipes and sewage treatment facilities, and reduce the energy use and cost of our existing system.

After initial completion



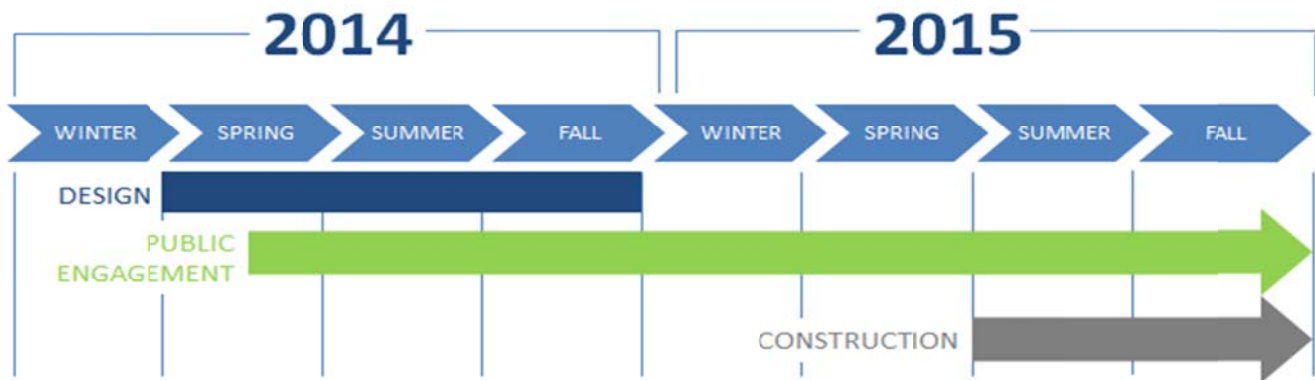
2 years after completion



At full maturity



## Project Timeline



### What to expect during the Design Phase

Design and pre-construction planning is happening through 2014 and into 2015. Throughout the upcoming months, SPU will continue to work with project area residents to finalize the design. Construction of the natural drainage system is scheduled to begin in summer of 2015. Additional activities may include:

- Outreach in your neighborhood to answer questions, provide information about the project, and seek input on design of the project.
- Survey or geotechnical crews in the area.
- Utility relocation prior to the project start.

### Delridge Greenway Project

The Seattle Department of Transportation (SDOT) plans to designate a neighborhood greenway in Delridge next summer which will connect the West Seattle Bridge Trail to White Center. The new greenway will provide a safe and comfortable north-south route in the neighborhood for bicyclists and pedestrians of all ages and abilities. SPU will coordinate with SDOT where the proposed greenway overlaps with the Natural Drainage project (on 17th Avenue SW between SW Kenyon and Henderson Streets).

### 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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<b>Need your information in another language?</b>	<b>For interpretation services, please call 206-233-1086</b> 如需要口譯服務，請撥電話號碼 206-233-1086 통역 서비스를 원하시면 206-233-1086 으로 전화하세요 Para servicios de interpretación por favor llame al 206-233-1086 Về dịch vụ phiên dịch xin gọi 206-233-1086 Para sa serbisyo ng tagapagpaliwanag, tumawag sa 206-233-1086.