



30th Ave NE Sidewalks & Natural Drainage Systems



Community Open House
Lake City Greenways
March 28, 2017



Seattle
Department of
Transportation

Seattle
 **Public**
Utilities

SDOT's mission, vision, and core values

Mission: deliver a high-quality transportation system for Seattle

Vision: connected people, places, and products

Committed to **5 core values** to create a city that is:

- Safe
- Interconnected
- Affordable
- Vibrant
- Innovative

For **all**

Presentation overview

- Background
- Introduction to Natural Drainage Systems
- Project area
- Project timeline
- Next steps

Background – Why build sidewalks?

- Improved pedestrian safety and access along busy 30th Ave NE;
- Reduced polluted stormwater runoff to Thornton Creek;
- More pleasant walking and biking.



Background – What are we doing?

- New sidewalks and a natural drainage system (NDS) along the east side of 30t Ave NE between NE 130th St and NE 137th St in 2017.
- Replacing an existing dirt path with a new sidewalk.
- Construction begins late 2017



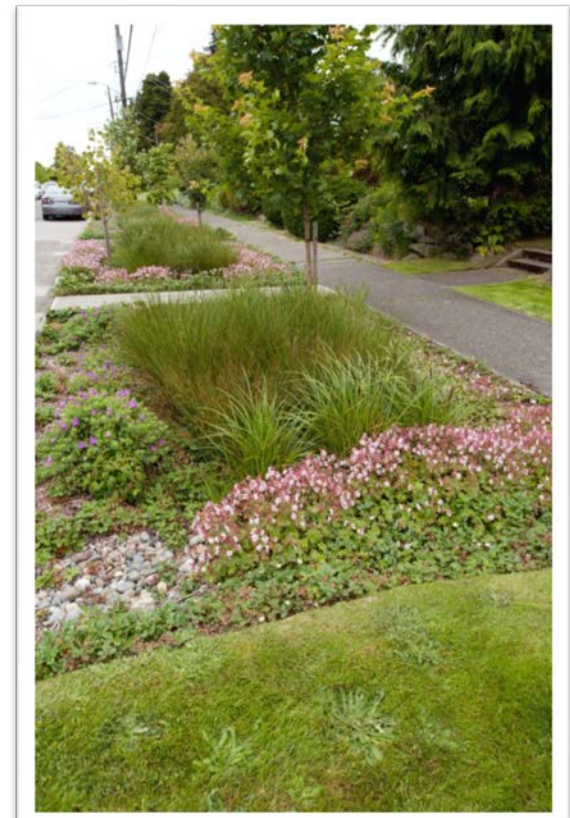
Keep Stormwater Out: Natural Drainage Systems



30th Ave NW –
December 2010



30th Ave NW –
November 2011



30th Ave NW –
June 2012

Natural Drainage Systems

Natural drainage systems (NDS) are constructed depressions along the road in the right-of-way or “planter strip”.

- Capture runoff
- Slow the flow of stormwater
- Filter pollutants
- Allow the stormwater to slowly seep into the ground



Natural Drainage Systems

- Part of SPU's Integrated Plan to provide treatment of polluted stormwater within the Thornton Creek basin.
- Identify potential locations by working with city departments on their priority improvements (example: sidewalks)
- SPU will maintain the natural drainage systems



Natural Drainage Cross-Section



Next steps

Date	Activity/action
April 2017	90% Design
May 2017	100% Design
Apr/May 2017	Continued outreach and engagement
July 2017	Advertise for construction
October 2017	Construction begins Approx. 6 months to completion
2018 and 2019	Street paving on 30th Ave NE

Questions?

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www.seattle.gov/transportation/Sidewalks_30thNE.htm

www.seattle.gov/transportation



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