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

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

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(206) 727-3575
www.seattle.gov/transportation/Sidewalks_30thNE.htm

www.seattle.gov/transportation