

**Broadview 12th Avenue NW Drainage Improvements Project
SEPA Determination of Non-Significance (DNS)**

Description of Proposal

The Broadview neighborhood of the City of Seattle is currently served by an informal drainage network involving ditches, culverts, and sandboxes as opposed to a formalized drainage network involving pipes, catch basins, junction boxes, and inlets. Stormwater is collected, conveyed, and eventually discharged to Mohlendorph Creek, a tributary to the Puget Sound tributary Pipers Creek.

Portions of the Broadview neighborhood experience localized flooding when the informal drainage system overtops during certain storm events. During more intense storm events, storm flows leave the public right of way (ROW) and enter private property, sometimes flooding private structures. The 12th Ave NW Drainage Improvements Project would address localized flooding in the West Fork Mohlendorph Creek watershed and water quality in Mohlendorph Creek by improving the drainage system.

The project would build two main types of new storm system improvements: natural drainage systems (bioretention swales) to detain flows and provide water quality treatment, and a combination of conveyance pipes and large underground storage pipes (grey infrastructure) to hold water and help protect against flooding during storms. These improvements would be built under the same construction contract

All proposed natural drainage facilities would be in street ROWs between the roadway edge of pavement and parcel property lines. The project would include the following natural drainage system improvements:

- a. Install bioretention cells and associated infrastructure on the north side of NW 130th St between 3rd Ave NW and 1st Ave NW, including conveyance improvements at the intersections of 1st Ave NW, 2nd Ave NW, and 3rd Ave NW;
- b. Install bioretention cells and associated infrastructure on the south side of NW 127th St between 3rd Ave NW and 1st Ave NW including conveyance improvements at the intersections of 1st Ave NW, 2nd Ave NW, and 3rd Ave NW;
- c. Install curb bulbs with bioretention, including associated infrastructure at the northeast corner of NW 130th St and 1st Ave NW and replacing a portion of existing curb and gutter sidewalk;
- d. Widen NW 127th St to provide an extra 2.5 to 3.5 feet to the through lane and add a new asphalt-thickened edge (one foot) to formalize roadway drainage;
- e. Adjust existing utilities (including gas mains and services) as required to install proposed improvements;
- f. Remove existing pavement to allow construction of proposed improvements;
- g. Install new Americans with Disabilities Act (ADA)-compliant curb ramps at intersections with vertical curbs, where required by SDOT;

- h. Install new ADA-compliant detectable warning plates at curbless intersections, where required by SDOT; and
- i. Restore pavement.

The proposed conveyance and storage improvements would be connected with and designed to work with existing stormwater drainage infrastructure. The project would include the following stormwater conveyance and storage improvements:

- a. Install new conveyance infrastructure along segments of NW 125th St, 10th Ave NW, NW 122nd St, and 11th Ave NW
- b. Install new large-diameter detention pipes on 10th Ave NW (between NW 122nd and NW 125th streets) and 11th Ave NW (south of NW 122nd St)
- c. Install new asphalt-thickened edge on NW 125th St, 10th Ave NW, and 11th Ave NW would allow surface runoff to be conveyed to downstream drainage structures
- d. Install storm drain collection structures and associated infrastructure
- e. Adjust existing utilities (including gas mains and services) as required to install the proposed improvements
- f. Remove existing pavement to allow construction of proposed improvements
- g. Restore pavement, and
- h. Restore planting strips.

Proponent

Seattle Public Utilities
Seattle Municipal Tower Suite 4900
P.O. Box 34018
Seattle, WA 98124-4018

Location of Proposal

The project would be constructed in the Broadview neighborhood of the City of Seattle, King County, Washington (Sections 24 and 25, Township 26 North, Range 03 East). There is no specific address for this project. Natural drainage improvements would be constructed in these street ROWs:

- NW 130th St between 3rd Ave NW and Greenwood Ave N
- NW 127th St between 3rd Ave NW and 1st Ave NW

Stormwater conveyance and storage improvements would be constructed in these street ROWs:

- NW 125th St from 6th Ave NW to 10th Ave NW
- 10th Ave NW from NW 125th St to NW 122nd St
- NW 122nd St from 10th Ave NW to 11th Ave NW
- 11th Ave NW to NW 120th Street

Lead Agency

Seattle Public Utilities, the lead agency for this proposal, has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed

environmental checklist and other information on file with the lead agency. This information is available to the public on request.

This Determination of Non-Significance (DNS) is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for fourteen (14) days from the issuance date below.

A copy of the environmental checklist is available online at
<https://www.seattle.gov/utilities/neighborhood-projects/12th-ave-nw-basin>

Public and Agency Comments

Comments on this DNS must be submitted by October 1, 2020 and must be sent by email to:

Betty Meyer, SEPA Responsible Official
Seattle Public Utilities
betty.meyer@seattle.gov

Signature:

Issue Date: September 17, 2020

Appeals

Appeals of this DNS must be accompanied by an \$85.00 filing fee and must be filed by 5:00 p.m. on October 8, 2020. Please see the Office of the Hearing Examiner web site for Temporary Operating Rules During COVID-19: <http://www.seattle.gov/hearing-examiner>