

# Sidewalks for Northgate Elementary

N 117th St between Meridian Ave N and 1st Ave NE; Meridian Ave N between N 115th and N 122nd streets

## Applicant Problem

There are no sidewalks on N 117th St leading to Northgate Elementary School. One particular problem is cars are using the street as a cut through from Aurora or Northwest Hospital to Northgate Shopping area or Lake City Way. Cars drive above the speed limit and there is not a safe walking space for children and families. There are bus stops and children walking along Meridian Ave N, and there are not sidewalks.

## Applicant Solution

Sidewalks



### PROJECT TYPE

Corridor

### APPROXIMATE LENGTH

1,200 LF

### COST ESTIMATE

PROJECT TOTAL:  
\$2,200,000

### SDOT SAFE ROUTES TO SCHOOL FUNDS

\$200,000

### SPU NDS PARTNERING FUNDS

\$1,100,000

### TOTAL NSF FUNDS REQUESTED

\$900,000



Existing school bus loading at Northgate Elementary



There are currently no sidewalks on either side of N 117th St

# Seattle Department of Transportation (SDOT) Review

## Project Description

N 117th Street is a non-arterial street and is part of the walking route for Northgate Elementary School. There are no existing sidewalks and parking occurs on both sides of the street. There is an existing traffic circle for traffic calming at the intersection of Corliss Ave N, which would remain.

The proposed improvements include the following:

- An at grade concrete sidewalk with a planting strip and wheel stops on the north side of N 117th St between 1st Ave NE and Meridian Ave N.
- A 16.5 foot wide sidewalk in front of Northgate Elementary to facilitate school bus unloading and loading.
- Bioretention facilities on the south side of the street to collect the stormwater runoff from the roadway. The bioretention will replace the existing ditches along the corridor.

N 117th St would be established as a 25 foot wide street, which would allow on-street parking on both sides of the street. The asphalt street will be overlaid to direct stormwater runoff to the south to be collected in the bioretention facilities.

This project would leverage funding from SDOT's Safe Routes to School Program and partnering funds from Seattle Public Utility's Natural Drainage Systems Program.

## Constructability

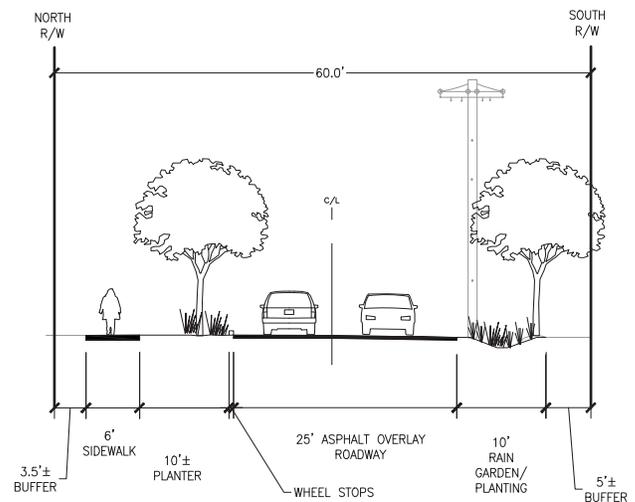
- This location is within the Thornton Creek drainage basin. Existing ditches are located within the project area and will require modification. There is an opportunity to partner with Seattle Public Utilities to treat and retain stormwater runoff.
- Design of this project will need to consider the existing water line and its proximity to any natural drainage systems or curb on the north side of the street.

## Impacts

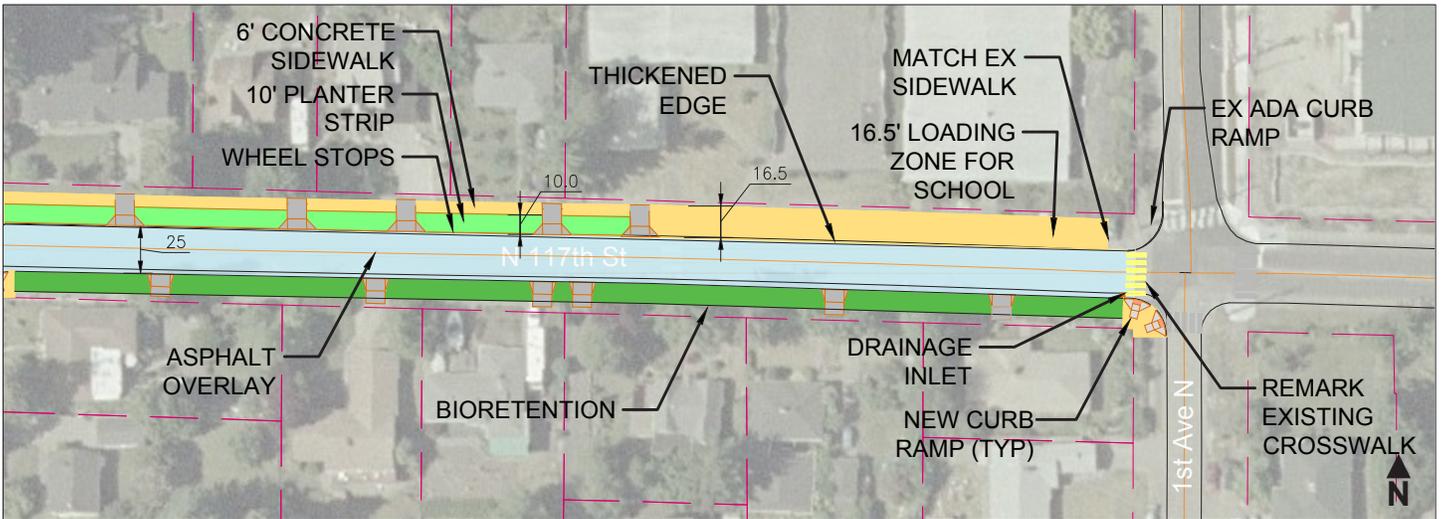
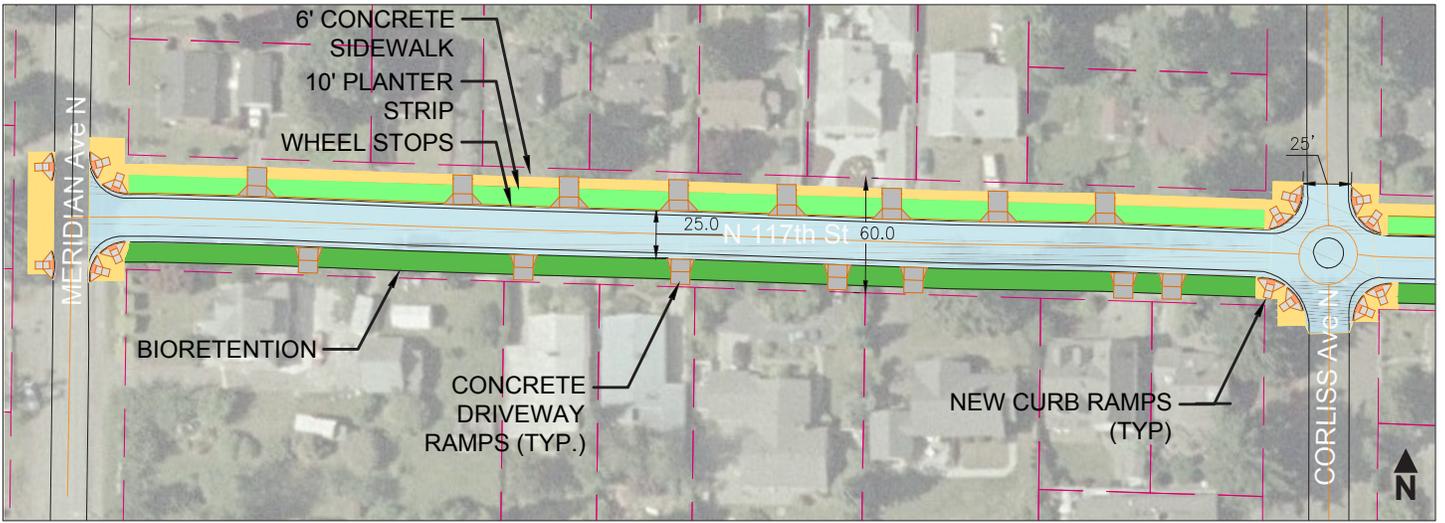
- Construction of the new sidewalk may impact adjacent property owners and require adjustments to fences and driveways. Encroachments into the public right-of-way will be removed.
- Parking will be restricted near this intersection. While this parking is not legal, it may be perceived as parking loss.

## Benefits

- Increased pedestrian connections to neighborhood destinations such as transit, Northgate Elementary and Northgate Urban Center.
- This project improves stormwater discharge into Thornton Creek.



*Proposed N 117th St cross section*



Proposed improvements along N 117th St

