

Brighton Pedestrian Safety Improvements

- A) S Webster St between 45th Ave S and 46th Ave S
- B) S Fontanelle St & 46th Ave S
- C) S Austin St & 46th Ave S
- D) S Holden St & 46th Ave S
- E) S Chicago St & 46th Ave S

Applicant Problem

Priority area #1: Pedestrian connectivity and safety on S. Webster Street

S. Webster St. currently lacks a sidewalk on either side of the street between 45th Ave. S. and 46th Ave. S. Many people walk and bike down this street both day and night to go to Othello Park, the Othello Light Rail station or bus stops on MLK Blvd., or to the many restaurants and businesses on MLK Blvd. This stretch of S. Webster St. does not have any streetlights, making it a dangerous route for pedestrians to access the Light Rail after dusk. The residents who live on S. Webster St. also have to deal with frequent graffiti and dumping of large items in the planting strip by their homes.

Priority area #2: Pedestrian connectivity and traffic calming on S. 46th Street

Neighbors and the general public suffer from constant speeding and dangerous pedestrian conditions 46th Street between S. Kenyon Street and S. Othello Street. South 46th Street has become a major thoroughfare in the past several years, with increased pedestrian, bicycle, and motorized transit as a result of the Othello Light Rail Station.

People frequently walk in the street because of poor sidewalk conditions, including heaved sidewalk sections, a lack of accessible pedestrian crossings, and poor drainage. Vulnerable populations such as the elderly, disabled, and children are forced to cross the street multiple times in order to walk down this stretch of 46th Ave. S.

Specific problem areas include: the NW intersection of S. Holden St. and 46th Ave. S., where the sidewalk ends without connecting to the street; the sidewalk on the western side of the street on 46th Ave. S., between S. Holden St. and S. Austin St., where the roots of two large cedar trees have heaved the pavement; the SE corner at the intersection of S. Fontanelle St. and 46th Ave. S., where large puddles form when it rains, making it difficult to cross the street.

A high volume of speeding vehicles on S. 46th St. exacerbates the lack of accessibility, making it dangerous for people to cross the street.

PROJECT TYPE

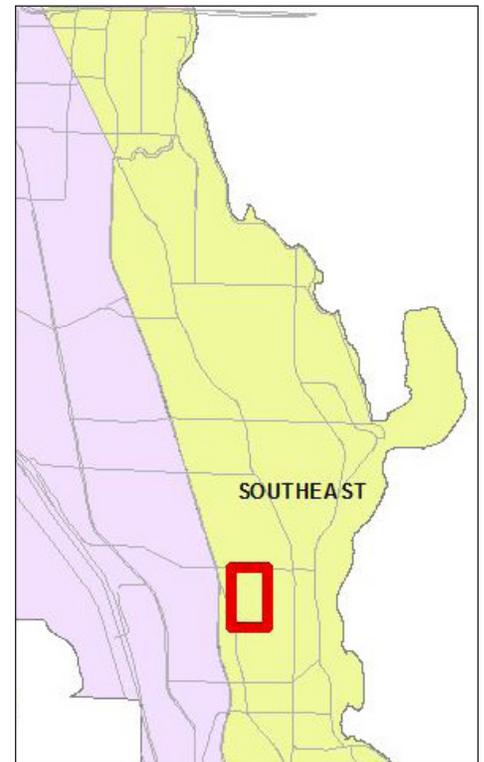
Pedestrian Improvements

APPROXIMATE LENGTH

2,500 lf

COST ESTIMATE

\$685,430



Applicant Solution

Priority area #1: Pedestrian connectivity and safety on S. Webster Street

Neighbors and transit riders would greatly benefit from a new sidewalk, on one or both sides of S. Webster Street to connect with existing sidewalk further west on the street, to safely connect to the park and the pedestrian cut-through on S. 45th St.

Streetlights would enhance safety in this area and help to reduce the amount of vandalism and dumping.

Priority area #2: Pedestrian connectivity and traffic calming on S. 46th Street

Neighbors would like to see the following improvements on S. 46th Street:

- Improved pedestrian crossings with traffic calming features to make it easier for pedestrians to cross 46th Ave. S. at S. Austin St., S. Holden St., and S. Chicago St. S.
- Pavement to connect the sidewalk to the street at the NW corner of the intersection of S. Holden St. and S. 46th St.
- Drainage improvements at the SE corner of the intersection of S. Fontanelle St. and S. 46th St.
- Rehabilitation of the bumpy sidewalk on the west side of S. 46th St. by the two large cedar trees (in front of the currently vacant lot between Austin and Holden).
- Traffic calming features such as speed bumps/humps and street narrowing along S. 46th St. from S. Othello St. to S. Kenyon St.

Neighbors are eager to discuss various approaches to street calming with SDOT staff. We are open to implementing less costly methods to achieve reduced speeds, such as bolting plastic speed humps instead of installing concrete speed bumps/humps, and installing Stop signs instead of traffic circles. Neighbors are also willing to help SDOT prioritize these areas to develop a multi-year phased approach, which could be applied for with subsequent NSF applications.



A) Looking east from the north side of S Webster St west of 45th Ave S



B) Looking northeast from the southeast corner of S Fontanelle St and 46th Ave S

Seattle Department of Transportation (SDOT) Review

Project Description

The streets within the project limits are non-arterial residential streets. There is a small central traffic calming island with smaller islands at the intersection of S Fontanelle St and 46th Ave S. All intersections on 46th Ave S from S Fontanelle St to S Chicago St are uncontrolled intersections. On-street parking is allowed on both sides of the roadways with cars commonly parked in planting strip areas.

The following improvements are proposed:

- A) S Webster St
 - o Construct a new asphalt walkway on the north side of S Webster St between 44th Ave S and 46th Ave S, with a wide planting area and wheel stops along the edge of the roadway.
 - o Add street lighting along S Webster St between 45th Ave S and 46th Ave S
- B) S Fontanelle St & 46th Ave S
 - o Add ADA compliant perpendicular curb ramps
 - o Add a drainage inlet at the southeast corner of the intersection
 - o Repave the east half of the intersection
- C) S Austin St & 46th Ave S
 - o Add sidewalk connections and detectable warnings at the northwest, southwest, and southeast corners and replace driveway on the west side of the intersection
- D) S Holden St & 46th Ave S
 - o Re-vegetate the planting strip on the west side of 46th Ave S between the east and west legs of S Holden St
 - o Add accessible sidewalk connections
- E) S Chicago St & 46th Ave S
 - o Add accessible sidewalk connections
- F) 46th Ave S (between S Othello St and S Webster St)
 - o Add wheel stops along the sides of the roadway
 - o Install speed bumps to complement those that will be installed by the Neighborhood Greenway project between S Webster St and S Kenyon St

Constructability

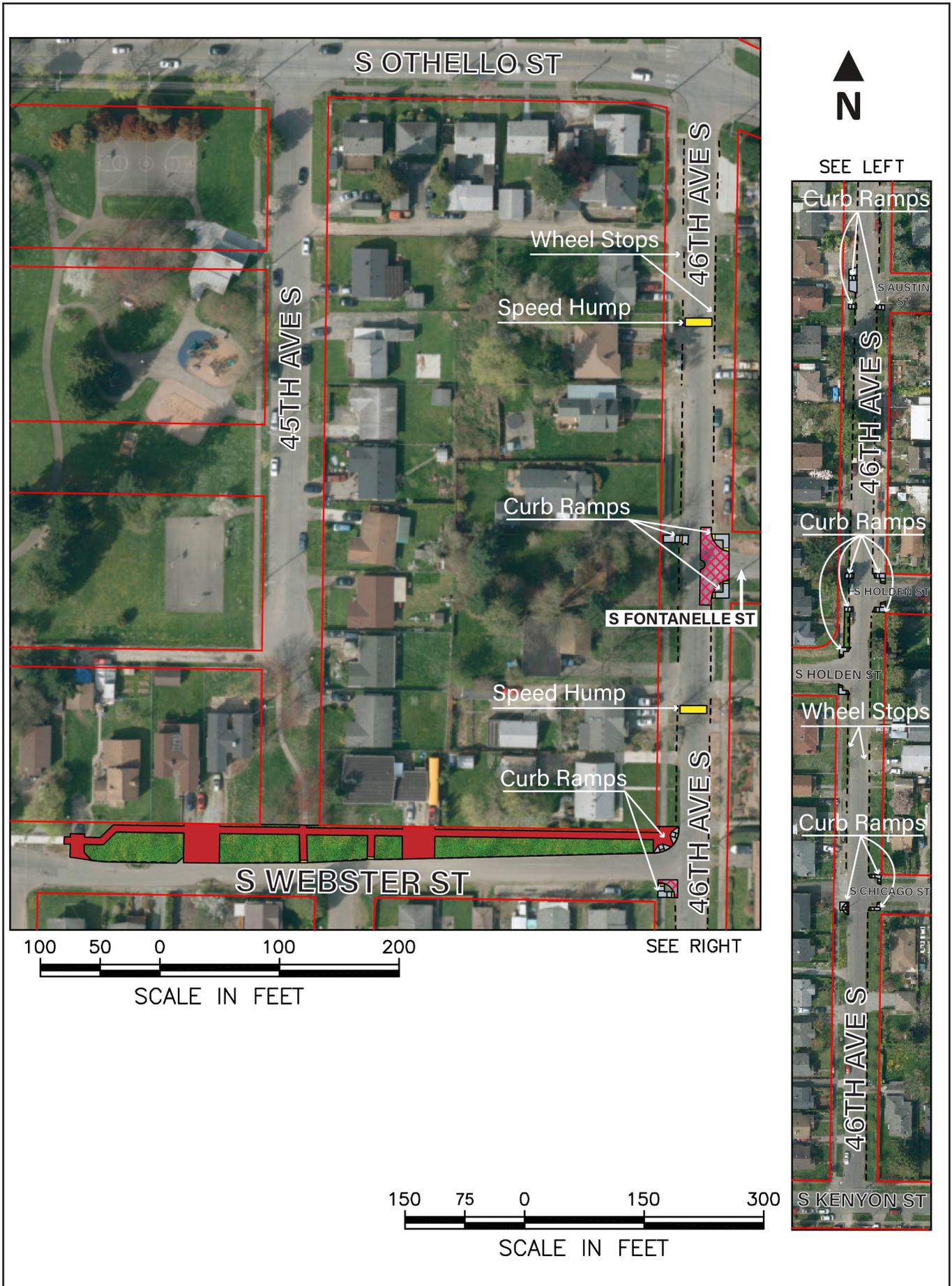
- Driveways may have to be restored behind property lines along S Webster St due to the proximity of the proposed sidewalk.
- Traffic calming treatment at the intersection of 46th Ave S and S Fontanelle St may have to be adjusted.

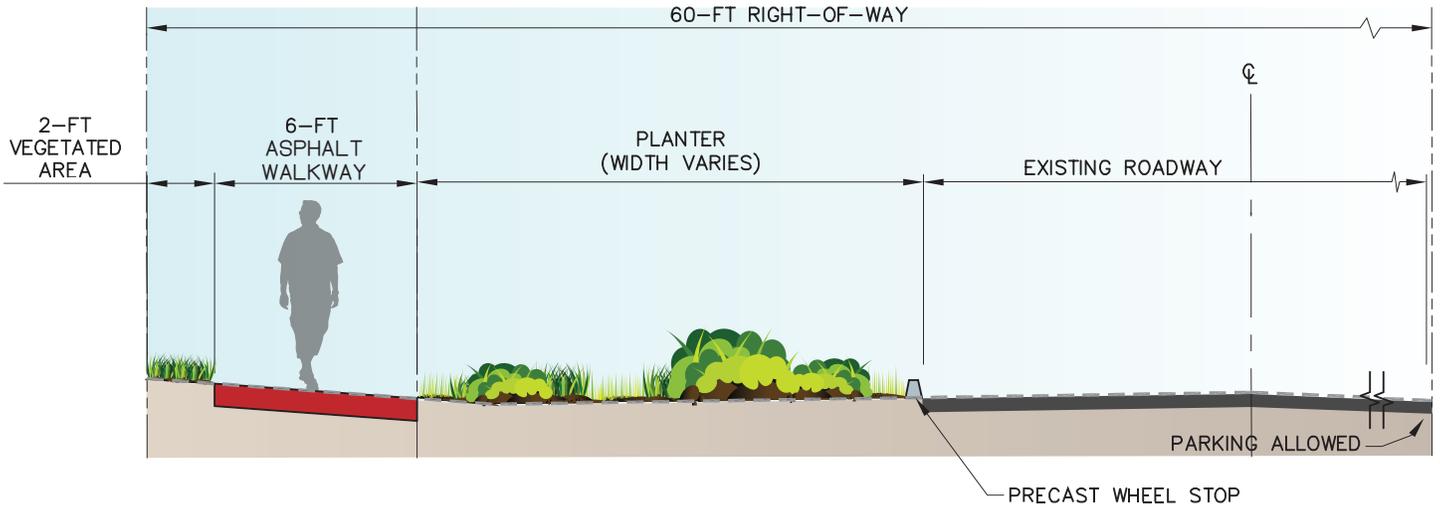
Impacts

- Outreach will be needed to confirm the final alignment of the new sidewalk with potential impacts to adjacent properties. The south side of S Webster St could also be considered.
- There will be a perceived impact to parking along 46th Ave S with the addition of wheel stops along the pavement edge. Motor vehicles that are currently parked in the planting strip areas will have to park on the roadway.

Benefits

- Added pedestrian accessibility and safety
- Improved drainage
- Traffic calming





TYPICAL SECTION
N.T.S.