

PROJECT TYPE Sidewalk
PROXIMATE LENGTH 1300 lf
COST ESTIMATE \$1,005,250

2010-039 Wedgwood Sidewalks

NE 83rd St, 28th Ave NE & NE 85th St

APPLICANT PROBLEM

NE 85th St between 30th Ave NE and 27th Ave NE and 28th Ave NE between Ne 85th St and NE 83rd St

The existing streetscape is hazardous, inconvenient and unattractive. The area, normally a quiet neighborhood street, is subject to high traffic volumes and over-parking during school drop off and pick up times, as well as during school events. Children coming and going from school must navigate around parked cars, often walking in the street in places where there is no sidewalk and overhanging shrubbery makes it difficult to keep to the margin. The existing dirt and gravel margins turn to mud and potholes during every major rain storm. A catch basin located at the SW corner of NE 85th & 30th NE is a major tripping hazard.

NE 83rd St between 25th Ave NE and 28th Ave NE

No sidewalk; frequent pedestrian use. Bus stop at bottom of hill increases street utilization. Speed bumps on NE 82nd Street have increased traffic and caused speeding vehicles on NE 83rd Street.

APPLICANT SOLUTION

NE 85th St between 30th Ave Ne and 27th Ave NE and 28th Ave NE between Ne 85th St and NE 83rd St

Install/repair paved, curbed sidewalks with corner cutouts at the intersections of NE 85th & 30th Ave NE and NE 85th & 28th Ave NE. Extend the paved sidewalk as far south as feasible. Possibly install a parking strip in front of Wedgwood School.

NE 83rd St between 25th Ave NE and 28th Ave NE

Install sidewalk on one side of street so that children walking to Wedgwood School and adults walking up hill will be safe.



SEATTLE DEPARTMENT OF TRANSPORTATION (SDOT) REVIEW

Segment 1 - Create a 25' roadway on NE 85th Street utilizing the existing curb on the south side of the roadway. Install new curb on the north side with a 6' sidewalk and 5' planting strip. A wider hardscape/sidewalk plaza area will be created at the school entrance. Curb bulbs will be included on NE 85th Street at 28th Ave NE & 30th Ave NE.

Segment 2 - Curb will be installed on the west side of 28th Ave NE with a 5' planting strip and 6' sidewalk.

Segment 3 - Create a 25' roadway with new curb, 5' planting strip and 6' sidewalk on the north side of NE 83rd Street. If this is too costly the second option would be to 6' sidewalk with no planting strip.

Constructability

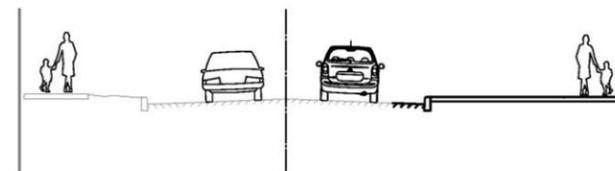
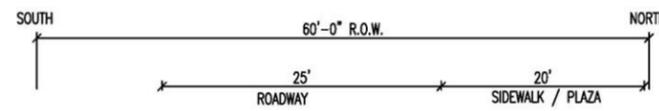
- Construction in a school zone impacts traffic circulation at pick up and drop off times and may require limited work hours.
- Existing storm drainage in the area is limited and a new conveyance system will need to be constructed.
- Driveways on NE 83rd St will need to be rebuilt to match into the new sidewalk.

Community Issues

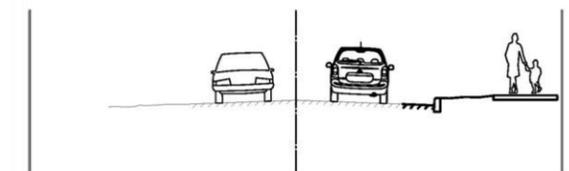
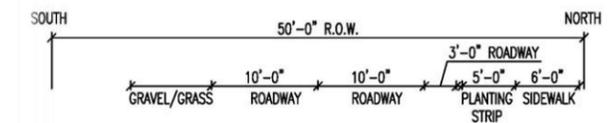
- Outreach with the school will be required to determine bus circulation routes and other design issues.
- Outreach with the local property owners will focus mainly on addressing impacts to their property frontage such as relocated mailboxes and rebuilt driveways.

Benefits

- Improves pedestrian and school safety at Wedgewood Elementary School by creating buffer between pedestrians and vehicles.
- Improves school safety along school walking route and at school crossing by installing sidewalk and curb bulbs.
- Improves access to/from transit stops on Ravenna Boulevard (at the western end of the sidewalk segment on NE 83rd Street).
- Reduces vehicle speeds in front of the school by narrowing the street to a standard residential street width of 25'.



NE 85TH ST - 27TH AVE NE TO 30TH AVE NE
SCALE 1/8" = 1'-0"



NE 83RD ST - 25TH AVE NE TO 28TH AVE NE - SECTION
SCALE 1/8" = 1'-0"



NE 85th St - looking west toward school



NE 83rd St - Looking west