



Ravenna Avenue NE - NE 85th St to Lake City Way



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Project ID # 2007-234

Type of Improvement: Sidewalk
Neighborhood: Wedgewood

Approximate Length: 680 feet
Street Classification: Principal Arterial

Applicant Description of Problem and/or Project:

Problem: This is the only section of the major Montlake/25th Ave NE/Ravenna Ave NE north/south arterial that does not have a sidewalk. This affects the area socio-economically, cutting it off from safe access to the many public facilities available just south of 85th. There is no safe access to the 8 bus stops located on this stretch of road. Disabled access is completely unavailable. The nearby elementary schools cannot be accessed by foot and it is a bussing nightmare for the school transportation dispatch due to the high traffic and lack of safe pick-up/drop-offs for elementary aged children. At 83rd on this arterial is Dahl Field, Beth Ann Temple, University Prep, Wedgewood Pool and access to Wedgewood Elementary school. Walking down to 85th where the sidewalk begins is simply unsafe. Because of the geographic area, this sidewalk will involve innovative drainage solutions. A plan is our major step towards linking this section of the community back in with others.

Suggested Project: We are seeking funds to help develop a plan for use to submit as a capital project. See attached map.

Potential Solution and/or Comments:

Ravenna Ave NE from NE 85th St. to NE 89th St (applicant's revised request suggested looking at a reduced project size, this is an example section in area that would link to existing sidewalk sections to the south).

- Construct concrete curb, gutter, and 6-foot concrete sidewalk for approximately 680 feet on both sides of the street.
- Widen existing street 7 feet on both sides to meet the City's standard width of 36 feet. Grind and overlay existing pavement to restore cross slope to new drainage system.
- Construct catch basins to collect and treat street run off due to new addition of over 5000 square feet of impervious surface that will tie into the drainage system at NE 89th Street and 23rd Ave NE.
- Construct French drains in wet areas to address subsurface drainage areas.
- Relocate utility poles and fire hydrant on west side of street.
- Install pedestrian handrail and guard rail next to creek.
- Extend box culvert at creek crossing.

Challenges/Tradeoffs:

- Cost estimate is based on a 680-foot section of the entire project.
- Creek on west side of street and north of NE 86th St might prove to be an environmentally sensitive area and may increase project cost.
- Currently there is no existing drainage system in the area and requires several hundred feet of pipe to connect to closest existing system.

Preliminary Range of Cost: \$1,550,000 to \$1,910,000