



17th Avenue NE – NE 45th Street to Ravenna Blvd.



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Project ID # 2007-490

Type of Improvement: Sidewalk
Neighborhood: University District

Approximate Length: 3200 feet
Street Classification: Local Street

Applicant Description of Problem and/or Project:

Problem: The current sidewalk conditions are inconvenient, unpleasant, and unsafe. When rain occurs, the uneven sidewalks result in large pools of standing water which overflows into the grass, causing large areas of mud. Pedestrians are forced to walk around the puddles, usually walking on the mud, which is dirty and potentially very slippery and thus unsafe itself. When freezing occurs, these areas are prone to large sheets of ice and treacherous conditions. In the absence of wet conditions, the uneven sidewalks are a potentially hazardous situation by themselves as it is difficult to walk without tripping over the uneven edges. Due to the high traffic in these areas from students and other residents of the University and University Park areas, these conditions affect a large number of people everyday who walk through this neighborhood. This project will help restore safety and the sense of grandeur to the University entrance and one of Seattle's classic old neighborhoods.

Suggested Project: QA is currently on the city list for replacing some of our badly broken sidewalks. Perhaps the curb bulbs could be installed at the same time the sidewalk work is done thus saving money.

Potential Solution and/or Comments:

17th Avenue NE from NE 45th Street to Ravenna Blvd:

- Remove and replace existing sidewalk (avg. 6-foot wide) where necessary. See picture for approximate area to be replaced within each block.
- Construct curb bulbs and ADA ramps at all intersections on 17th Ave NE from NE 45th St to Ravenna Blvd.
- Replace complete PCC panels in street affected by the installation of curb bulbs.

Challenges/ Tradeoffs:

- The addition of curb bulbs to the project could prove to be cost-prohibitive due to its large cost (approx. \$1.8 million)
- The curb bulbs may eliminate some parking.

Preliminary Range of Cost: \$2,770,000 to \$3,390,000