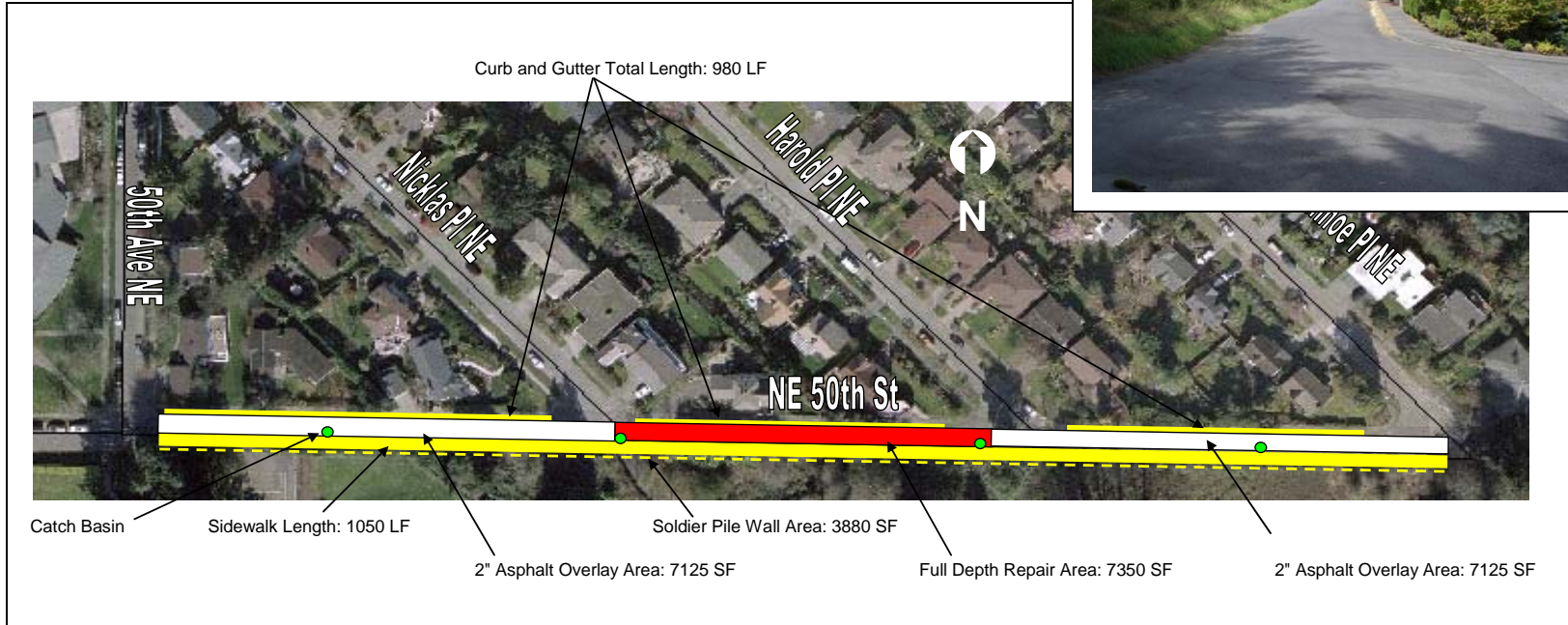




NE 50th Street: 50th Avenue NE to Ivanhoe Place NE



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Project ID # 2007-387

Type of Improvement: Sidewalk
Neighborhood: Laurelhurst

Approximate Length: 1500 feet
Street Classification: Local Street

Applicant Description of Problem and/or Project:

Problem: 400 students attend Villa Academy's K-8 school. Many walk and/or ride their bikes to school. This is also the walking route of children who attend Laurelhurst Elementary. Additionally, many neighbors walk in the area to reach St. Bridget's Church, especially on Sundays and at other times during special events. There is no sidewalk on the south side of the street along the northern border of the Villa Academy campus, the route of many children going to and from school. The street is especially narrow and the asphalt surface has disintegrated so much that cars must twist and turn in many places to avoid potholes and low spots. Underground streams have found their way through the broken pavement and coat the street with water during rains and sheets of ice during cold spells in the winter.

Suggested Project: Add new curb and gutter along the north side of the roadway to prevent vehicles from parking on the existing sidewalk, and to control drainage.

Potential Solution and/or Comments:

- Overlay NE 50th St between Ivanhoe Pl. NE and Harold Pl. NE, and from Nicklas Pl. NE to 50th Ave. NE.
- Remove and replace existing pavement between Harold Pl. NE and Nicklas Pl. NE where the existing pavement has failed.
- Add 6-foot cement concrete sidewalk as well as curb and gutter along the south side of NE 50th St. for the length of the project. To install the sidewalk, retaining walls ranging from 2 to 8-feet high will be necessary.
- Install catch basins along the south side to provide drainage.
- To avoid right-of-way acquisition, the street width has been reduced from the City's standard of 25 feet to 22 feet to maintain the existing sidewalk on the north side of the project.
- A planter strip will not be constructed to avoid the same cost impacts as those associated with the roadway widening.
- An option that would significantly reduce costs would be to construct curb and gutter along the north side of project to prevent parking on the sidewalk, and to make the requested pavement repairs.

Challenges/Tradeoffs:

- Parking may be prohibited on the street.
- The proposed solution would not meet the City's standard street width and would require a deviation.

Preliminary Range of Cost: \$3,000,000 to \$3,800,000

Preliminary Range of Cost (reduced cost option): \$350,000 to \$430,000