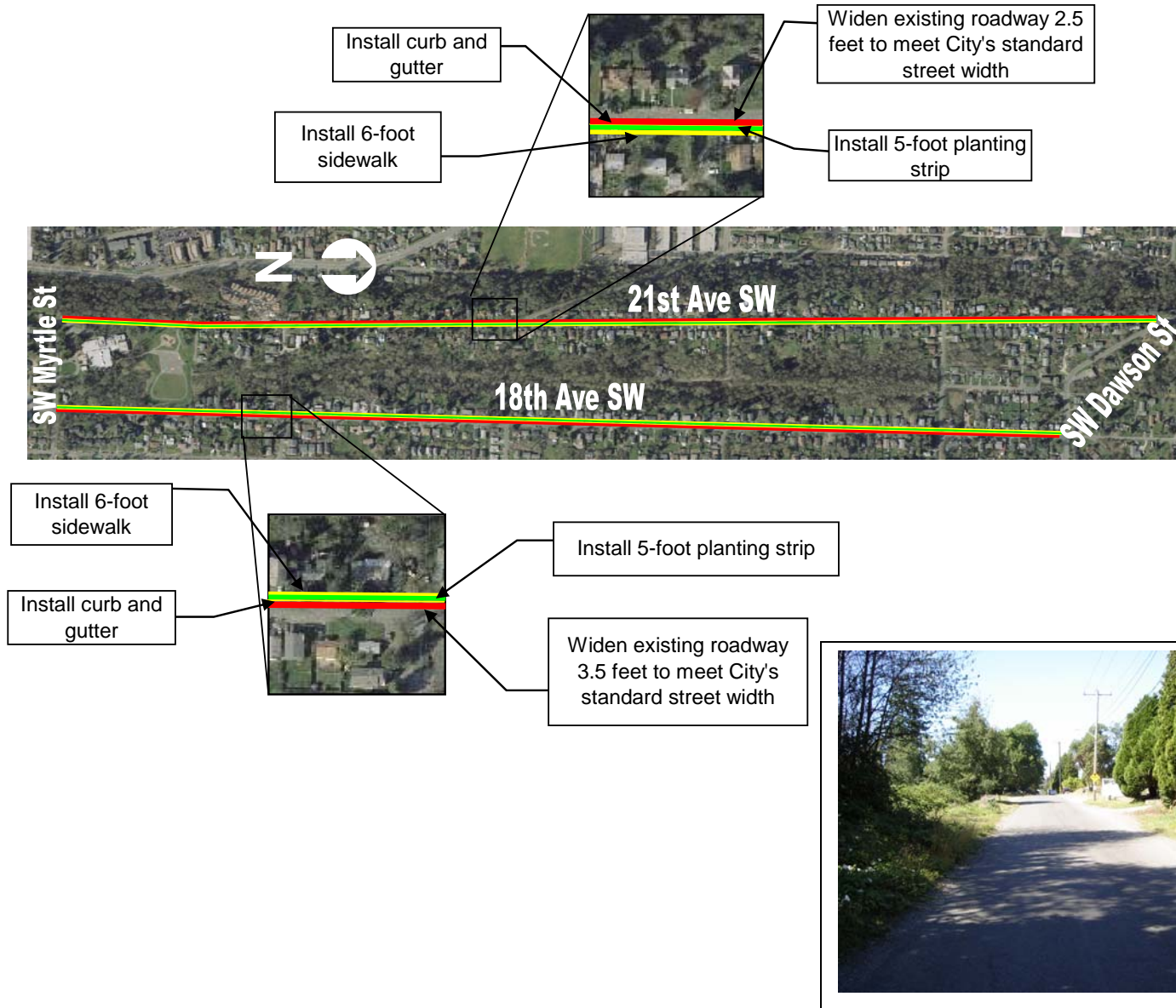




18th Avenue SW & 21st Avenue SW – SW Myrtle St to SW Dawson St



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Project ID # 2007-055

Type of Improvement: Sidewalk

Approximate Length: 5,800 feet (18th),
6,800 feet (21st)

Neighborhood: Riverview/North Delridge

Street Classification: Local Street

Applicant Description of Problem and/or Project:

Problem: We have no pedestrian protection; kids walking to school walk in the street. We have no definition of public/private property. Cars park on side forcing pedestrians to walk in car travel lanes. We need pedestrian benefits and defined walking paths.

Suggested Project: Install curbs and sidewalks on one or both sides of street.

Potential Solution and/or Comments:

18th Avenue SW

- Construct concrete curb, gutter, 5-foot planting strip and 6-foot concrete sidewalk on west side of street.
- Grind off 2" at intersection of Brandon and 18th for 100 feet to the west, and overlay with asphalt to bring roadway to grade.
- Widen roadway 3.5 feet on west side to meet the City's street width standard.
- Construct new catch basins and storm sewer on west side to collect street runoff.
- Construct a retaining wall with an average height of 2-3 feet where necessary.

21st Avenue SW

- Construct concrete curb, gutter, 5-foot planting strip and 6-foot concrete sidewalk on east side of street to match into existing sidewalk at the intersection of 21st Ave SW and SW Dawson St.
- Widen street 2.5 feet to the east to meet the City's standard street width.
- Construct new catch basins and storm sewer on east side to collect street runoff.
- Construct a retaining wall with average height of 2-7 feet where necessary.

Challenges/Tradeoffs:

- Parking may be prohibited on the west side of the street.
- Significant water quality and detention facilities would need to be constructed to address new impervious area.
- In a few locations, existing driveways that are already steep will become steeper.

Preliminary Range of Cost: 18th \$ 5,780,000 to \$ 7,080,000
21st \$ 7,070,000 to \$ 8,650,000