



Beach Dr SW – Intersection of 48th Avenue SW and Lincoln Park Way to Intersection of SW Shore Place



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Project ID # 2007-125

Type of Improvement: Sidewalk
Neighborhood: Seaview

Approximate Length: 1,800 feet
Street Classification: Minor Arterial

Applicant Description of Problem and/or Project:

Problem: This section of Beach Drive and its sidewalk is a very popular area for walking and bicycling but is in such condition that pedestrians and cyclists are often forced onto the street. The sidewalk varies in width from 4 ft to 2 ft and is variously comprised of concrete sections, macadam sections, and broken concrete sections with asphalt patches. The sidewalk slope also varies from level to a westward slope unsuitable for strollers, cyclists, or anyone using a walking aid. It is also intruded upon by adjacent vegetation. The road pavement undulates and changes slope from west to east every few hundred feet.

Suggested Project: Improve the sidewalk and street along this one-mile stretch of SW Beach Drive.

Potential Solution and/or Comments:

Beach Dr. SW from intersection of 48th Ave SW & Lincoln Park Way for approximately one mile to the intersection of SW Shore Pl.

- Repair the 6-foot concrete sidewalk where needed on the west side. Total length is approximately 950 feet.
- Relocate the sidewalk into the current parking lane towards the southern portion of the project where there are the steepest slopes to avoid putting additional load on those slopes. Construct new curb, gutter and 6-foot sidewalk on the west side for approximately 900 feet.



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Challenges/Tradeoffs:

- The slope drops off very steeply on the west side of the roadway. There are signs of slope instability. The additional weight of sidewalk, without extensive slope reinforcement, may increase instability. There is insufficient data to determine the cost of addressing this potential challenge, and the Preliminary Range of Cost does not include costs of stabilizing the hillside.
- Parking would be prohibited on the west side of the street in areas of steep slopes so that the sidewalk could be constructed in the areas currently used as a parking area. Constructing the sidewalk in this location would minimize the potential impact if the slope is unstable.

Preliminary Range of Cost: \$ 770,000 to \$ 950,000

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