



Rainier Avenue South Hazard Mitigation Project

Property Acquisition Acceptance Ordinance

Our vision, mission, and core values

Vision: Seattle is a thriving equitable community powered by dependable transportation

Mission: to deliver a transportation system that provides safe and affordable access to places and opportunities

Committed to **6 core values:**

- Equity
- Safety
- Mobility
- Sustainability
- Livability
- Excellence

Presentation overview

- Purpose
- Background
- Damage from Landslide
- Project Area
- Acquisition Areas
- Project Details
- Wall Extension
- Project Costs

Purpose

The proposed legislation:

- Accepts two catchment wall easements from private property owners conveying portions of property in connection with the Landslide Mitigation Project under the Hazard Mitigation Program
- Places the easements under SDOT's jurisdiction
- Lays the property off as right-of-way

Background

- History of landslides along Rainer Avenue South from South Carver Street to the South City Limits near South Ryan Street
- Geotechnical survey identified steep slope to be a moderate to high risk landslide hazard
- High probability of future recurrence
- Landslides block sidewalk and create hazardous conditions for all modes of transportation along this corridor
- Ongoing clean up and debris detention efforts have been implemented by SDOT through the years
- Funding now available for a more comprehensive effort to keep debris from impacting the public right of way at locations with high probability of occurrence



Damage from Landslide

Debris flow from adjacent slope on sidewalk



Unstable slope areas



Project Area

- Catchment Wall Easements acquired for the purpose of protecting this Rainier Avenue South corridor from superficial surface erosion of the adjacent slopes
- Consideration for the property rights were for mutual benefit



Acquisition Areas

The aggregate area of the two acquisitions total:

- 303 square feet
- 5 feet in width
- 60.5 feet long

Project Details

Extension of Soldier Pile Catchment Wall:

- Extend protected area along street corridor between South Perry Street and South Norfolk Street
- Retains larger volume of debris
- Suitable for steeper sloped areas
- More expensive



Wall Extension



Project Costs

Capital Improvement Project (CIP) – Hazard Mitigation Program – Landslide Mitigation Projects

Total Project budget is \$550,000

Funding Sources:

- REET2 Capital Fund (Primary Source)

- Street Use Fees

- Gas Tax

Questions?

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<http://www.seattle.gov/transportation/rainierhazardmitigation>

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