



Alki Coastal Erosion Control, WA

US Army Corps
of Engineers®
Seattle District

Purpose: Coastal Storm Damage Reduction

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Description

The project is located in West Seattle, Washington, along the shores of Puget Sound. The project will replace an existing 500-foot-long seawall constructed in the 1920s that has experienced significant erosion and damage from storm events. Failure of the seawall will result in major impacts to transportation infrastructure and public utilities, including a 54-inch diameter sewer main that could spill into Puget Sound threatening critical habitat and Endangered Species Act listed species. In 1998, a significant portion of the original structure north of the current Federal project failed from storm damages prompting emergency repairs by the City of Seattle. The Federal project will reduce risk of further damage along the entire length of threatened shoreline.



Existing Alki Seawall, Seattle, Washington

Status

The Feasibility study is complete. A recommended plan has been identified and Decision Document approved in August 2016. The Design and implementation phase was initiated and the Project Partnership Agreement was executed in August 2017. The Seattle District anticipates awarding a construction contract in September 2019 with construction scheduled to begin in the summer of 2020.

Issues and Other Information

The City of Seattle has reported that erosion in the form of numerous sinkholes is occurring behind the existing seawall. This degraded condition requires filling of the sinkholes twice per month or more frequently during storms. The City of Seattle has all funds anticipated for the sponsor's share of design and construction.



Sponsor: City of Seattle

Authority: Continuing Authorities Program, Section 103, Rivers and Harbors Act of 1962, as amended