City of Seattle: Project Goals and Objectives

SDOT Seattle Department of Transportation

GOALS	OBJECTIVES	EVALUATION METRICS
Address critical structural public safety needs at shoreline.	*Reduce seismic risk to downtown waterfront.*	• Reduces potential loss of life due to seismic seawall collapse • Reduces impacts to public and private infrastructure from seismic seawall collapse
	Protect waterfront from erosive tidal forces, storm events, and sea level rise.	• Provides stability to withstand storms/erosion • Protects from overtopping during storm events • Protects from sea level rise during period of analysis • Prevents loss of access to waterfront facilities
Respect cultural, archeological, and historic resources.	*Establish opportunities for cultural heritage.*	• Provides opportunities for historical interpretation • Provides opportunities for tribal celebration • Considers cultural heritage in project design
	Protect existing cultural, archeological, and historic resources.	• Minimizes impacts to existing resources
Consider long-term vision for the Central Waterfront.	*Ensure a cohesive design aesthetic.*	• Provides opportunities for aesthetic treatment and inclusion into the long-term design concept
	Provide a flexible waterfront to support Seattle's future development and the creation of public spaces.	• Accommodates future potential developments and public spaces • Fosters reinvestment • Supports a dynamic mix of maritime, commercial, and tourism activities
	Ensure sustainability and longevity of the seawall design.	• Increases extent and intensity of sustainable design and construction practices • Minimizes repeat relocation requirements during project phases
	Accommodate waterfront transportation needs.	• Supports Central Waterfront Project roadway/sidewalk design • Maintains water-based transportation, including small and large craft, both landside and in water • Provides access to properties • Provides route for specially permitted loads and flammable cargo • Minimizes impacts to ferry performance and dwell time
Provide enhanced habitat and environmental quality.	*Establish an active migratory fish corridor.*	• Creates a well-distributed shallow water fish migration path along the waterfront • Decreases shading and other negative impacts from overwater structures
	Enhance nearshore (intertidal, shallow subtidal, riparian) habitats.	• Increases extent and function of feeding, nesting, resting, and migratory habitat for nearshore species • Reduces extent of hardened shoreline • Improves stormwater quality entering Elliott Bay • Restores sediment quality where possible
	Provide diversity and connectivity between habitats.	• Increases variety of habitat • Adds aquatic, riparian, and upland habitat
Provide enhanced public gathering and recreational opportunities.	*Provide Seattle residents and visitors with water-related recreational opportunities, including opportunities to interact with Elliott Bay.*	• Increases public access and visual access to Elliott Bay (e.g., touchpoints, viewpoints) • Increases recreational boating opportunities (e.g., hand launch, motorized) • Increases environmental educational opportunities
	Enhance civic life by supporting activation of waterfront public spaces.	• Increases water-related public gathering opportunities • Supports linear opportunities such as walking, jogging, and bicycling
Support economic vitality of the waterfront.	*Support long-term sustainability of waterfront businesses.*	• Maintains continuous linear pedestrian access adjacent to businesses • Maintains employee, customer, delivery, and garbage collection access to piers • Ensures access and circulation along the waterfront
Minimize cumulative construction impacts.	*Minimize construction impacts to waterfront businesses, residences, and tourist activities.*	• Maintains pedestrian access and parking during construction • Provides opportunities for community events during construction in support of businesses • Maintains utility services to adjacent businesses and residences during construction • Maintains employee, customer, delivery, and garbage collection access to piers
	Minimize construction impacts to travelers.	• Accommodates transportation needs for automobiles, transit, rail, and truck corridor uses • Ensures bicycle and pedestrian connectivity • Accommodates marine transportation uses in project area and Elliott Bay, including access to and use of Colman Dock
	Minimize construction impacts to public services.	• Maintains ability of fire station to fully operate • Provides continual emergency vehicle access to businesses and residences
	Minimize construction impacts to/from contaminated soils and sediment.	• Minimizes disturbances of contaminated soils and sediment
	Minimize noise construction impacts.	• Reduces ambient/ongoing noise levels and episodic noise events
	Minimize air quality construction impacts.	• Reduces release of construction-related materials
	Minimize construction impacts to water quality and to the marine environment.	• Reduces construction impacts to water quality and turbidity • Reduces disturbances from propeller wash • Minimizes adverse effects on habitat of fish, whales and marine birds (contamination, fill, disturbance, impacts to food sources, impacts on prey species, migration corridor, noise)
Support fiscal responsibility.	*Minimize expected frequency of maintenance.*	• Reduces maintenance costs
	Optimize project benefits.	• Maximizes the cost-benefit ratio • Stimulates co-investment