

# Elliott Bay Seawall Project

***Seattle City Council  
Special Committee on the Viaduct and Seawall  
Replacement Program***

***June 7, 2010***

# Agenda

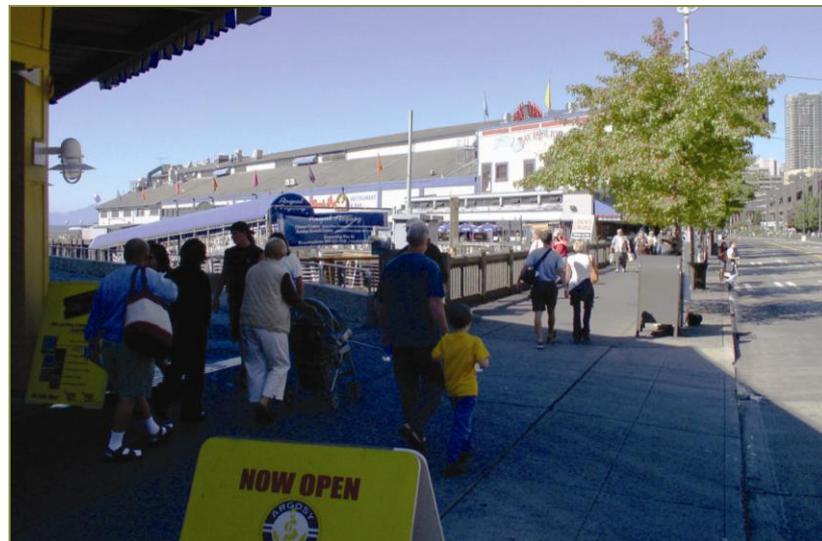
- Project overview
- Baseline schedule and environmental process
- Framework for moving forward

# Project Area



# Elliott Bay Seawall: Supporting the Water's Edge

- Protects critical transportation and utility corridors
- Supports residential and commercial activities
- Acts as Seattle's front porch



# Elliott Bay Seawall Project: Purpose

- Address seismic risk and deteriorating structure
- Protect waterfront from wind-driven storm waves and erosive tidal forces
- Improve habitat and provide recreational opportunities

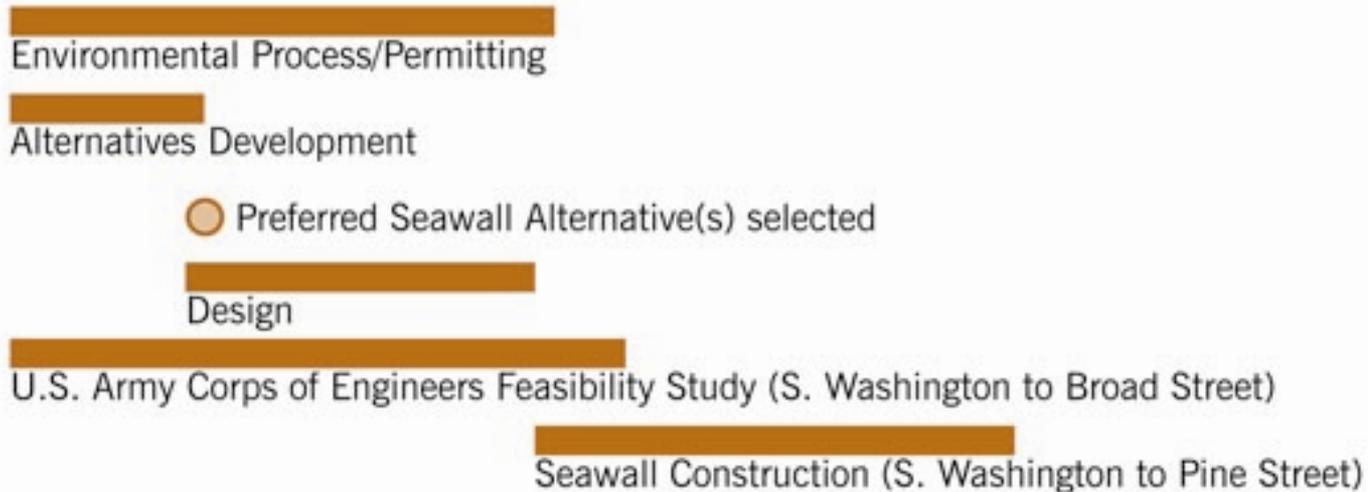


*Seawall construction, 1934*

# Project schedule

2009 2010 2011 2012 2013 2014 2015 2016 2017 2018

## Elliott Bay Seawall:



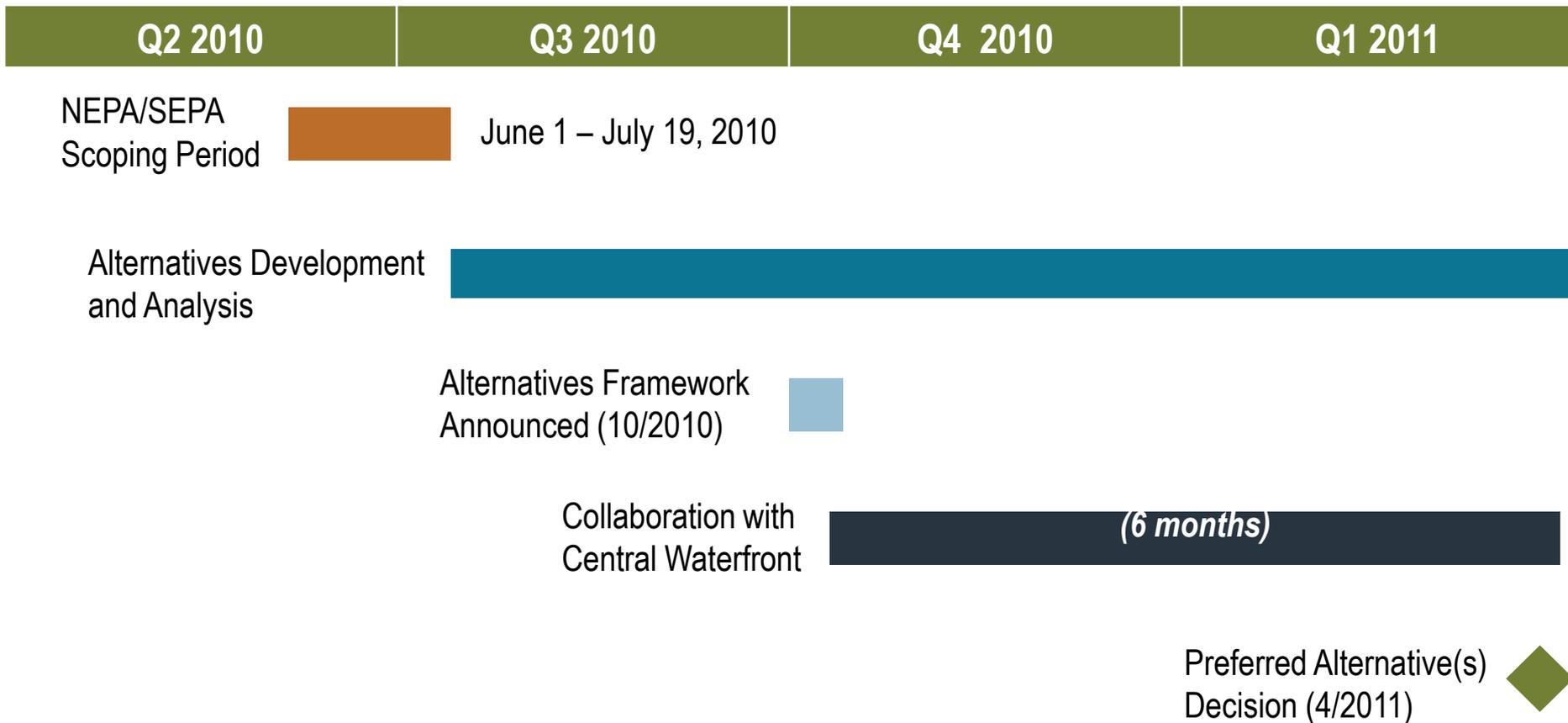
## Central Waterfront Public Space and Streets:



## Proposed Bored Tunnel:



# Project Schedule: Alternatives Development



# Project Approach: Alternatives Development

## **Alternatives will consider the following objectives:**

- Seismic safety
- Storm damage reduction
- Sustainability
- Habitat restoration
- Flexible design for future waterfront opportunities
- Recreation opportunities
- Construction technologies and sequencing

# Project Approach: Construction Goals

- Maintain traffic on Alaskan Way throughout construction
- Ensure business access
- Bring people to the waterfront during construction
- Relocate utilities one time
- Coordinate closely with adjacent projects

# Project Approach: Cash Flow

<i>\$ millions</i>	2009	2010	2011	2012	2013	2014	2015	Total	
	<b>Design</b>				<b>Construction</b>				
<b>Seawall (Phase 1; SDOT)</b>	\$0.8	\$7.8	\$12.6	\$19.9	\$90.6	\$92.0	\$50.2	<b>\$273.9</b>	
<b>Utilities (SCL and SPU)</b>	\$0.1	\$1.5	\$2.1	\$1.9	\$2.5	\$3.3	\$0.0	<b>\$11.4</b>	
<b>Bond Fee</b>								<b>\$5.7</b>	
<b>GRAND TOTAL</b>								<b>\$291.0</b>	

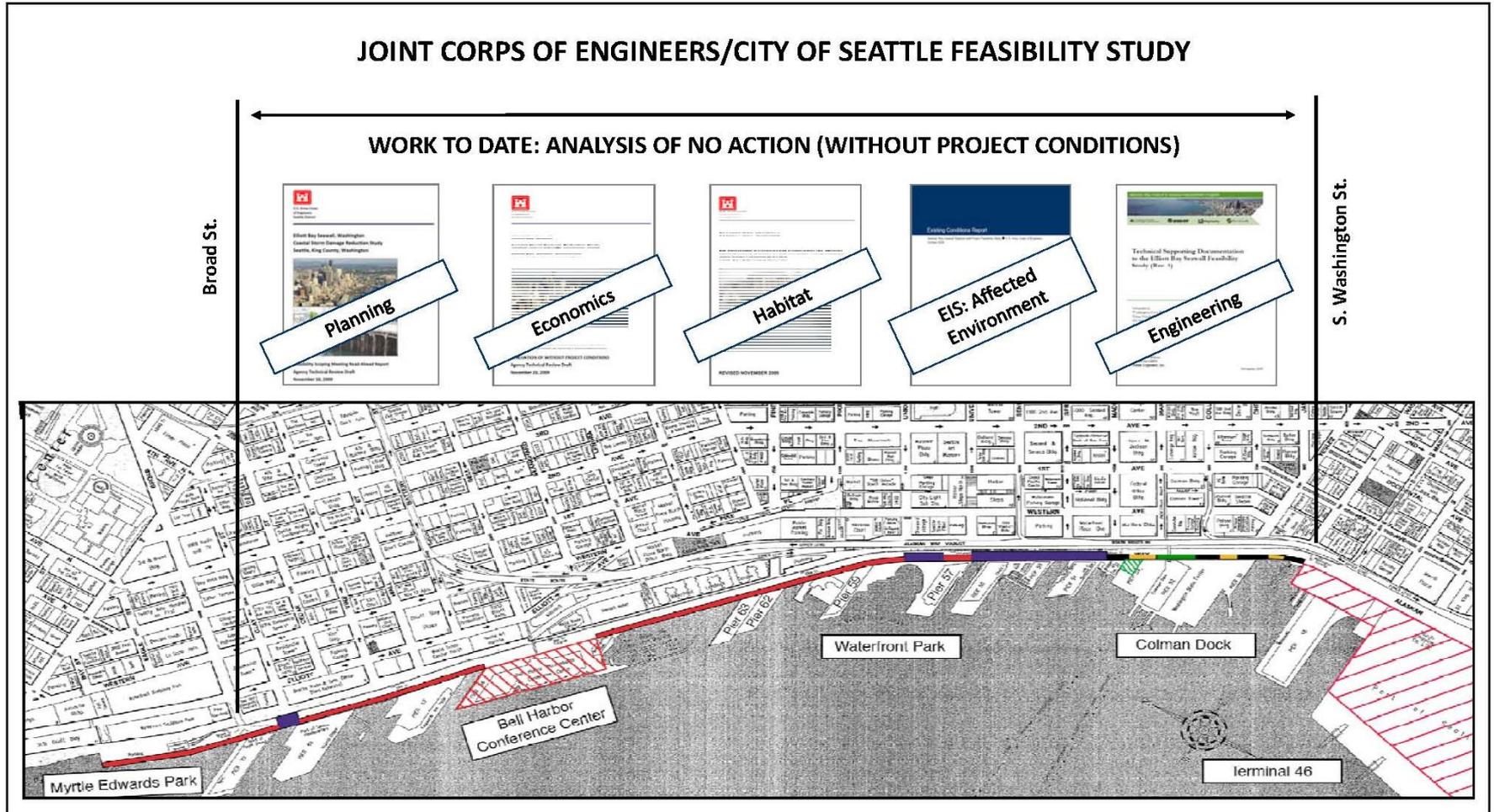
# Current Outreach Activities

- Launched NEPA/SEPA scoping on June 1
- Updated city web site  
(<http://www.seattle.gov/transportation/seawall.htm>)
- Mailed scoping notification postcard (saturation mailing from King Street to Broad Street)
- Hosting scoping meeting on June 16 at Bell Harbor Conference Center (4-7PM)
- Briefing specific stakeholder groups
- Establishing seawall stakeholder subgroup

# Questions?

# **Alaskan Way Viaduct and Seawall Replacement Program Update**

# Collaborating with U.S. Army Corps of Engineers



# JOINT CORPS OF ENGINEERS/CITY OF SEATTLE FEASIBILITY STUDY

FEASIBILITY STUDY SCOPE:

**BROAD STREET TO SOUTH WASHINGTON STREET**

Broad St.

S. Washington St.

