Project Area

- Olympic Sculpture Park
- Pike Place Market
- Colman Dock/Ferry Terminal
- Qwest Field
- SEAWALL
- SW Washington Street
- Elliott Bay
- Terminal 46
A Reminder: What’s at Risk?

• Public safety
• Transportation corridor
• Critical utilities
• Residential and commercial structures
• Public recreation
• Tourism and local attractions
• Seattle’s front porch
Project Schedule

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<td>Bored Tunnel Alternative</td>
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Waterfront Coordination

Work to date:

• Held weekly design coordination meetings/working sessions
• Collaborated with CWC subcommittees
• Convened joint stakeholders group
• Developed “bookend” alternatives to maintain flexibility
• Drafted integrated outreach plan

Next steps:

• Continue design and outreach coordination and integration
## Environmental Impact Statement (EIS)

<table>
<thead>
<tr>
<th></th>
<th>Spring (June) 2010</th>
<th>Winter 2011*</th>
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<tbody>
<tr>
<td>Define project’s Purpose and Need</td>
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<td></td>
<td>Establish range of alternatives for analysis</td>
<td>Write environmental discipline reports for alternatives</td>
<td>Summarize discipline reports into Draft EIS</td>
<td>Publish Draft EIS</td>
<td>Publish Final EIS</td>
<td>Issue Record of Decision</td>
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*April—Define local alternatives

**Pending schedule coordination with U.S. Army Corps of Engineers
Project Goals

• Address critical structural public safety needs at shoreline.
• Respect cultural, archeological, and historic resources.
• Consider long-term vision for the Central Waterfront.
• Provide enhanced habitat and environmental quality.
• Provide enhanced public gathering and recreational opportunities.
• Support economic vitality of the waterfront.
• Minimize cumulative construction impacts.
• Support fiscal responsibility.
Developing Alternatives
Seawall Team Working in Parallel

U.S. Army Corps of Engineers

Waterfront Seattle Team

Public

Establish Range of Alternatives
The City of Seattle and the U.S. Army Corps of Engineers share the goal of addressing the critical safety need of the seawall.

- The City of Seattle’s proposed schedule to advance construction of the central waterfront portion of the seawall would require special Congressional authorization, and is subject to the availability of funding.

- The Corps of Engineers has not approved these alternatives. The Corps will continue to work with the City and incorporate stakeholder comments into the alternatives, where appropriate.
Working with Waterfront Seattle
Working with the Public

• For those most affected, *the project is well-known*

• **Seize the habitat opportunity** by using innovative and science-based enhancements

• Maintain a *responsible project budget*

• Create more *physical access to water* and public gathering space

• Maintain transportation routes, including *continuous non-motorized pathways*

• Consider *construction impacts to businesses* and tourism

• Preserve *historical and cultural significance*
Elements of an Alternative

- Wall location
- Habitat enhancement measures
- Restored roadway and pedestrian/bicycle facilities
- Flexibility for Waterfront Seattle
- Potential early wins, both in-water and uplands
## Comparing Alternatives

<table>
<thead>
<tr>
<th></th>
<th>Alternative</th>
<th>Zone 6 North Pier</th>
<th>Zone 5 Bell Harbor</th>
<th>Zone 4 Park/Aquarium</th>
<th>Zone 3 Commercial Piers</th>
<th>Zone 2 Ferry Terminal</th>
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<th></th>
<th>Alternative</th>
<th>Nearshore Habitat</th>
<th>Aquatic</th>
<th>Riparian</th>
<th>Restored Public Amenities</th>
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<td>Habitat bench</td>
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<td>- Natural light</td>
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<td>- Improved habitat</td>
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<tr>
<td>Ex</td>
<td>Base planting</td>
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<tr>
<td>A</td>
<td>Additional planting opportunities</td>
<td></td>
<td>Potential early wins</td>
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<tr>
<td>B</td>
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### Restored Public Amenities
- **A**
  - Restored sidewalk
  - Potential early wins
  - Public short-stay marina
  - Potential early wins
  - Restored multi-use trail
  - Waterfront Park (existing)
  - Pier 62/63
  - Restored sidewalk
  - Multi-use trail
  - Waterfront Park (existing)
  - Pier 62/63 (existing)
  - Restored multi-use trail
  - Potential early wins

- **B**
  - Same as A
existing seawall

WORKING DRAFT
alternative A
existing gravity wall
existing type B seawall
existing type A seawall
new seawall – jet grouting
new seawall – drilled shaft
alternative A

existing seawall

WORKING DRAFT
existing – zone 01
alt A – zone 01
existing – zone 02
alt A – zone 02
existing – zone 03
existing – zone 04
alt A – zone 04
alternative B

existing seawall
alternative B

existing seawall

alternative seawall

WORKING DRAFT
alternative B

existing seawall
alternative seawall
sidewalk
multi-use path
alternative B

existing seawall

alternative seawall

sidewalk

multi-use path

habitat corridor enhancement

WORKING DRAFT
existing – zone 01
alt B – zone 01
existing – zone 02
alt B – zone 02
existing – zone 03
alt B – zone 03
existing – zone 04
alt B – zone 04 (water)
alt B – zone 04 (land)
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<td>Light penetrating surface</td>
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### Restored Public Amenities

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### Nearshore Habitat

- **Minimal Habitat**
- **Advantageous Bathymetry**
- **Cobble Reef**
- **Substrate Enhancement**
- **Habitat Bench**
- **Light Penetrating Surface**
- **Natural Light**
- **Intertidal Zone**
- **Restored Sidewalk**
- **Restored Multi-use Trail**
- **Restored Waterfront Park**
- **Public Short-stay Marina**
- **Potential Early Wins**
- **Potential Early Wins**

---

**Note:** The table above outlines the comparisons between different alternatives, focusing on wall location, aquatic habitat features, riparian features, and restored public amenities. The table is structured to provide a clear and comprehensive comparison, facilitating easier analysis and decision-making.
Next Steps and Contact Information

• **April 25:** Seattle City Council briefing

• **Ongoing:** Briefings, collaboration with Waterfront Seattle team, coordination with Army Corps

Contact Information:

• **Email:** seawall@seattle.gov

• **Website:** [http://www.seattle.gov/transportation/seawall.htm](http://www.seattle.gov/transportation/seawall.htm)

• **Phone:** Stephanie Brown, SDOT: 206-386-4635
  Jennifer Wieland, SDOT: 206-733-9970
Back Pocket
• ~60% overwater coverage
• Limited plant life and associated invertebrates under piers
• Increased productivity in naturally lighted areas
• Habitat is low to moderate quality overall

Habitat in lighted areas

Habitat in dark areas under piers
Potential Construction Roadway Configuration

Travel Lanes
Potential Temporary Road: Phase 1
Potential Temporary Road: Phase 2

Temporary Road

Seawall Work Zone
Potential Temporary Road: Phase 3