



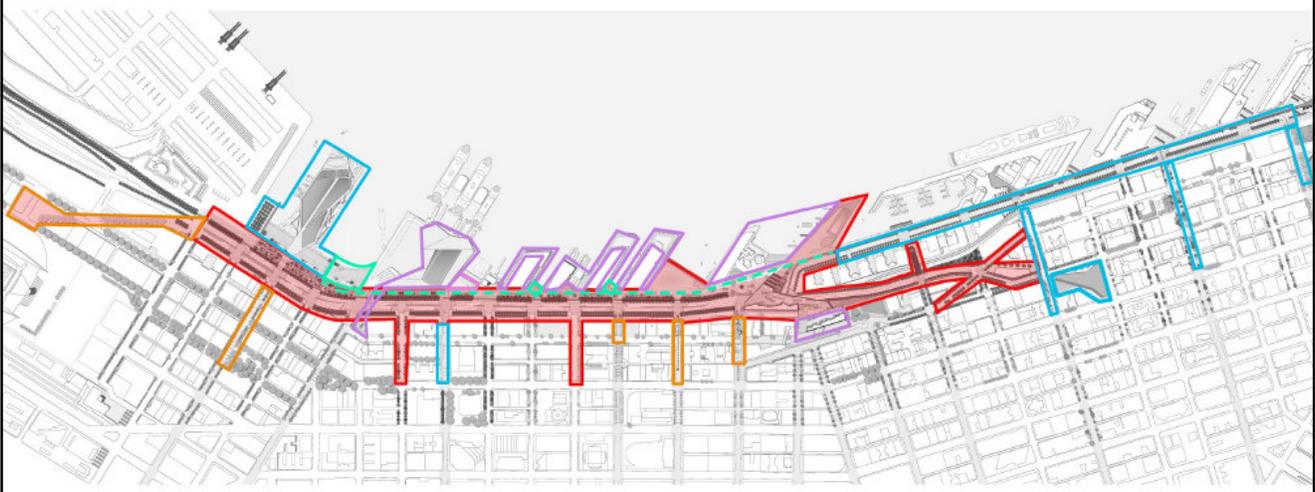
Waterfront Program Update

January 23, 2012

City Council Special Committee on
the Waterfront, Seawall and Viaduct
Replacement Program

WATERFRONT PROGRAM ELEMENTS

DRAFT: JANUARY 5, 2012 1:43 PM



- MAIN CORRIDOR + CENTRAL PUBLIC SPACES
- SEAWALL REPLACEMENT PROJECT - PHASE 1

- FRAMEWORK ELEMENTS
- OPTIONAL EARLY WINS
- PARTNER PROJECTS
- OTHER PROJECTS

Waterfront Program Management

Waterfront Program

Marshall Foster, DPD Overall Waterfront Program Lead
 Goran Sparrman, SDOT Cross Dept Implementation Lead
 Bob Chandler, SDOT SDOT Implementation Lead
 Hannah McIntosh, SDOT Waterfront Program Coordinator



Tunnel
Linnea Laird, WSDOT
- Bored Tunnel - North Portal - South Portal - Traffic Improvements



Ken Johnsen, Shiels Obletz Johnsen
 Waterfront Seattle Consultant PM

Waterfront Projects

Elliott Bay Seawall Project	Parking Mitigation	Utility Relocation	Waterfront Seattle Core Projects	Waterfront Seattle Frmwk Elements	Funding, M & O, Strategic Plan
Jennifer Wieland, SDOT	Brian Henry, SDOT	John Baggs, consultant to SDOT; Tamara Jenkins, SCL; Gavin Patterson, SPU	Steve Pearce & Mike Johnson, SDOT; Dennis Meier, DPD; David Graves, Parks	Hannah McIntosh, SDOT; Marshall Foster, DPD	Nathan Torgelson, Parks; Dave Conway, SDOT; Ken Johnsen, consultant to SDOT
- Seawall replacement (Washington – Broad) - Nearshore ecosystem restoration	- Short-term parking mitigation - Long-term parking replacement	- SCL T-1/T-2 replacement - SPU Drainage / CSO program - Franchise utilities	- New AW surface street - Public promenade & multi-use path - Overlook Fold - Waterfront Park - Pier 62/63 - AW frontage controls	- E/W connections - Pier 48 - Colman Dock Fold - Aquarium Expansion - Belltown Balcony - Streetcar - Etc.	- Overall Funding Plan - Local Improvement District - Strategic Plan - Maintenance & Operations approach
Paul Elliott, SDOT On-Call Construction Public Information (206) 684-5321					

Program Funding, Strategic Plan and
Outreach

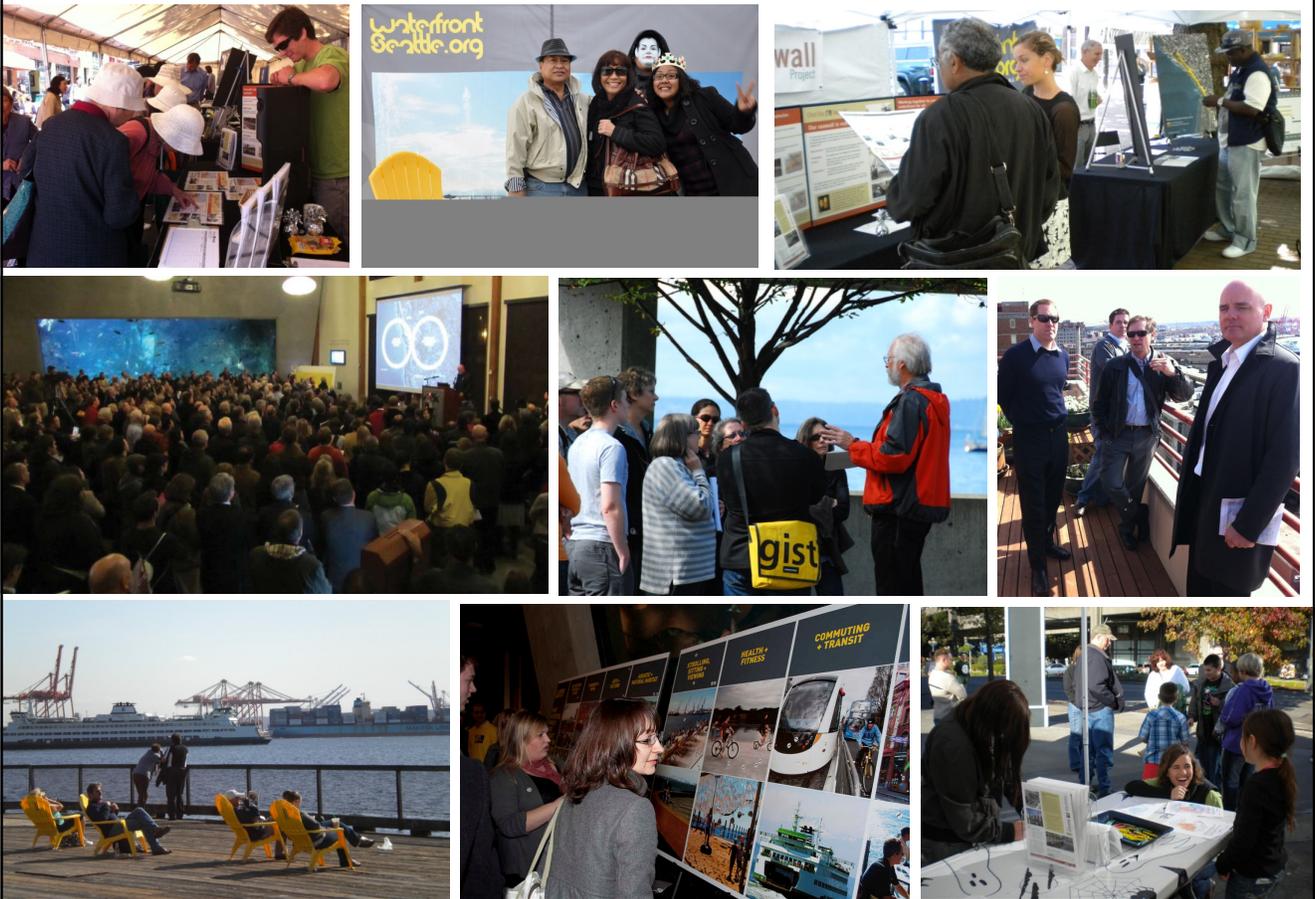
Waterfront Funding

- Waterfront Committee reviewing potential funding sources: public (federal, state, local), private, philanthropic
- Assessing best practices / funding tools available for capital and maintenance & operations
- Local Improvement District RFP advertised; selection 1Q 2012
- “Leveraging Partnerships is Key”

Waterfront Strategic Plan

- “Call to Action”
- Key recommendations on design, phasing/funding, governance, maintenance & operations
- Early draft in March 2012
- Community review and input April – June 2012

Program Outreach Activities



Program Outreach Highlights

Completed	Planned
<ul style="list-style-type: none"> • Three design workshops • Seawall-specific/NEPA scoping mtgs • 50+ fairs and festivals, community events and briefings • Small events on the waterfront <ul style="list-style-type: none"> • Pier 62/63 chairs • UW art installation • Kids and family photo booth • Tours • Online and social media • Traditional media –print, TV, radio • Central Waterfront Committee and Stakeholder Group 	<ul style="list-style-type: none"> • Community forum series • Briefings and roundtable discussions • Farmers markets, fairs/festivals and intercept surveys • “Pop-up” events throughout Seattle (alternative to large-scale design presentation) • Events on the waterfront • Seawall-focused habitat education • Expansion of online engagement opportunities • Traditional media –print, TV, radio • Central Waterfront Committee and Stakeholder Group

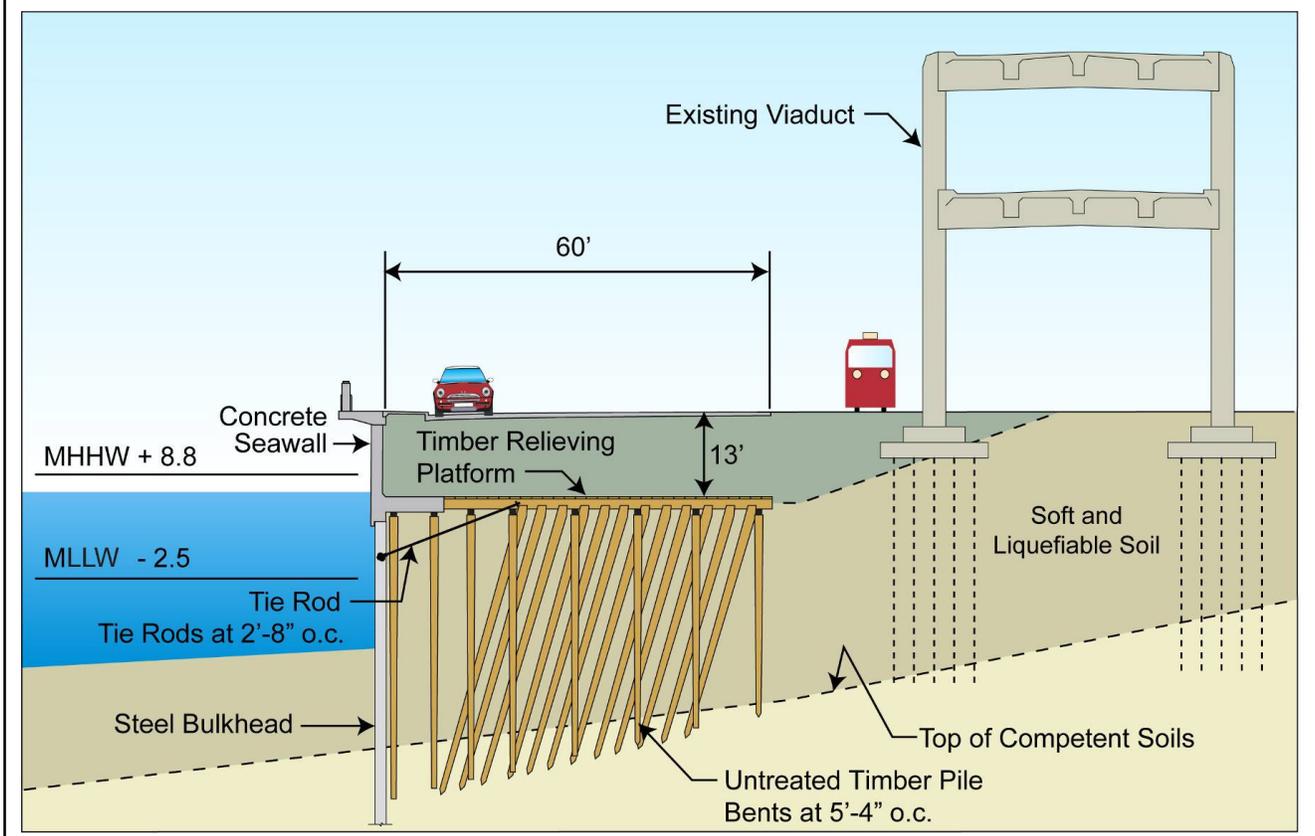
Program Outreach

Key Themes from the Public

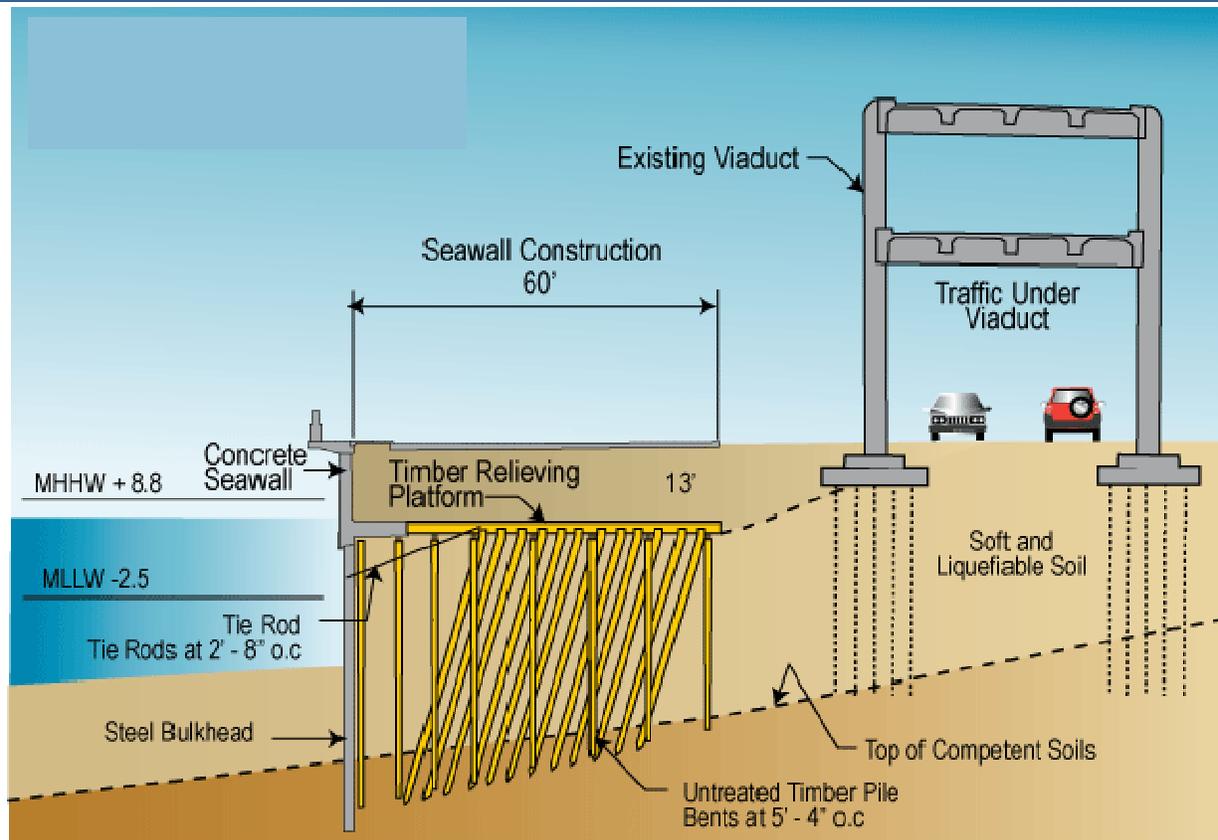
- Excitement about the opportunities that lie ahead
- Interest in a mix of activities
 - Viewing
 - Water activities
 - Strolling
 - Eating and drinking
 - Events and art
 - Nature activities
- Desire for a waterfront that is “authentically Seattle”
- Interest in spaces that work for our typical weather
- Focus on innovative, yet proven, habitat measures
- Concern about access for all modes of transportation
- Concern about construction and parking impacts
- Questions about program funding and phasing

Sequencing of Waterfront Projects

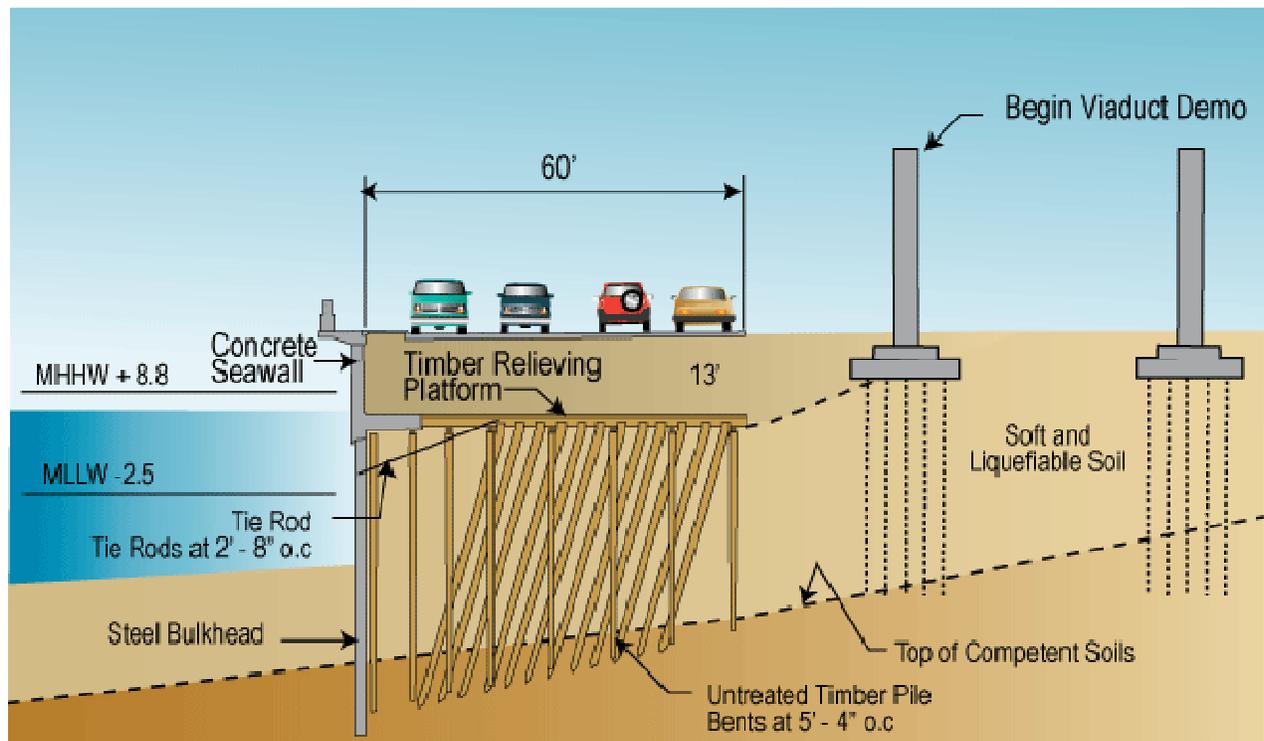
Washington to Pine: Today



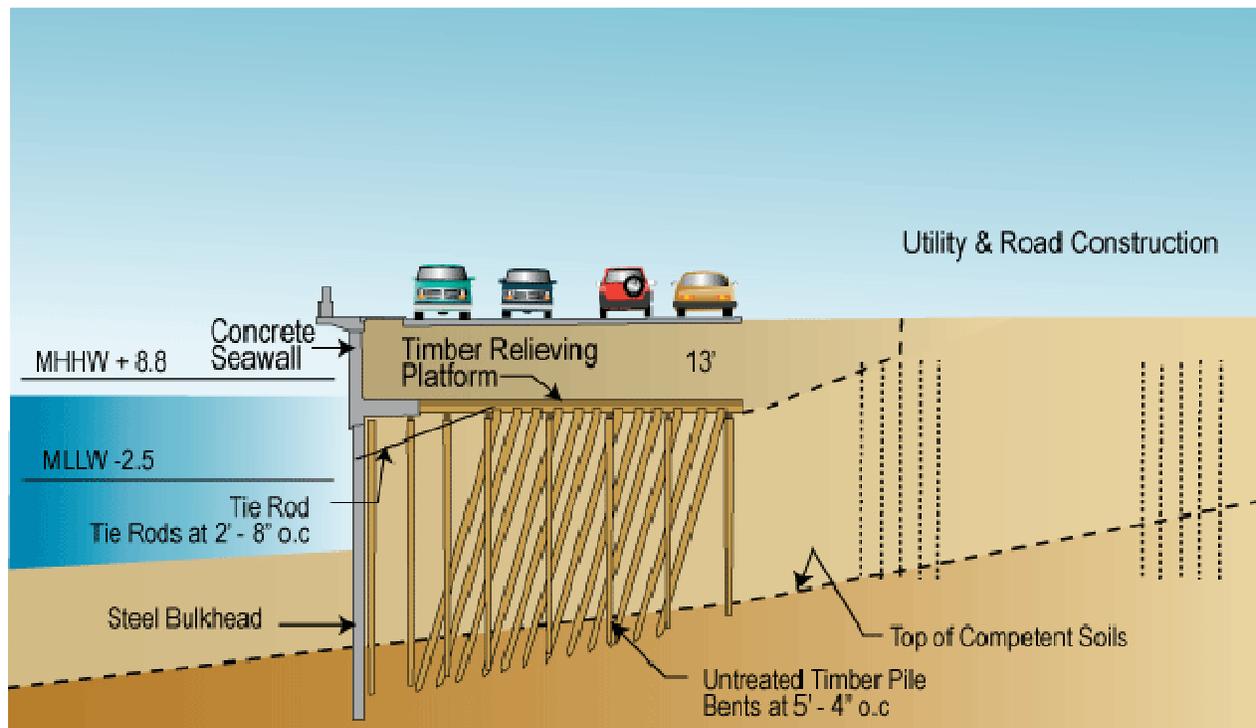
Seawall Construction: 2013 – 2016



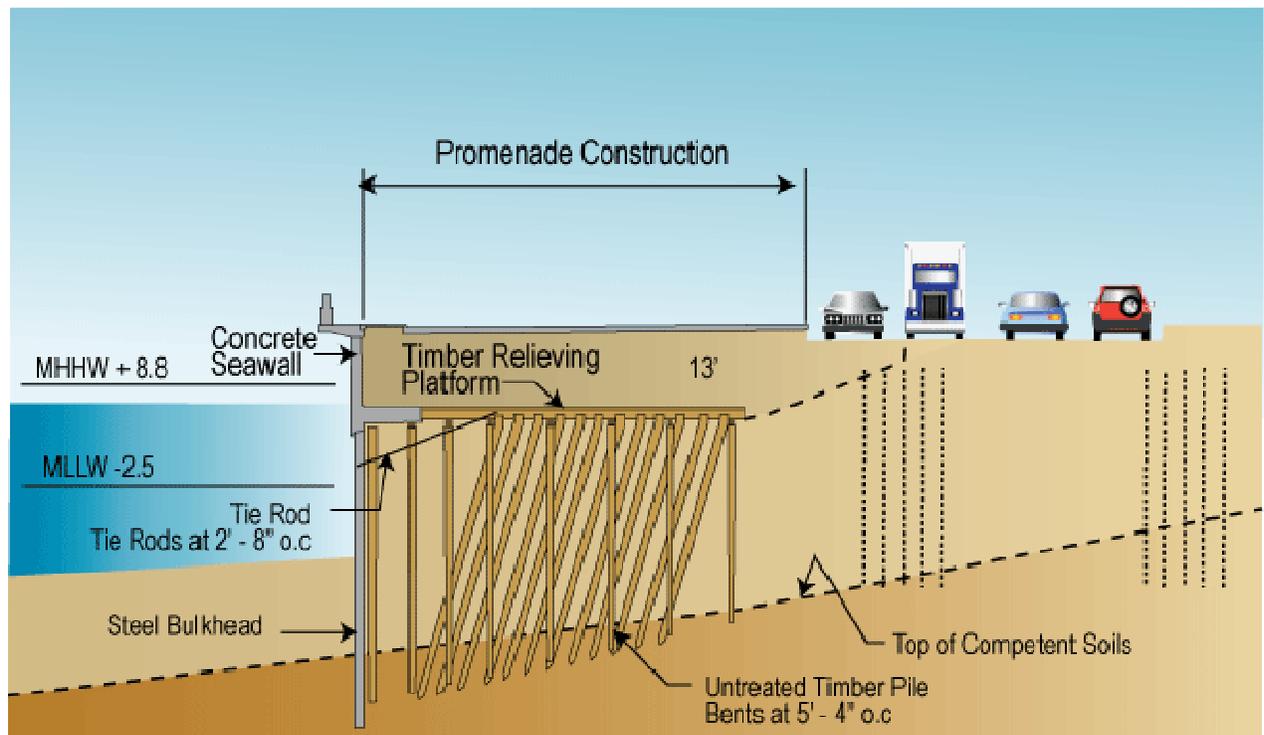
Viaduct Demolition: 2016 – 2017



New Alaskan Way: 2017 – 2019



Promenade & New Public Spaces: 2019+

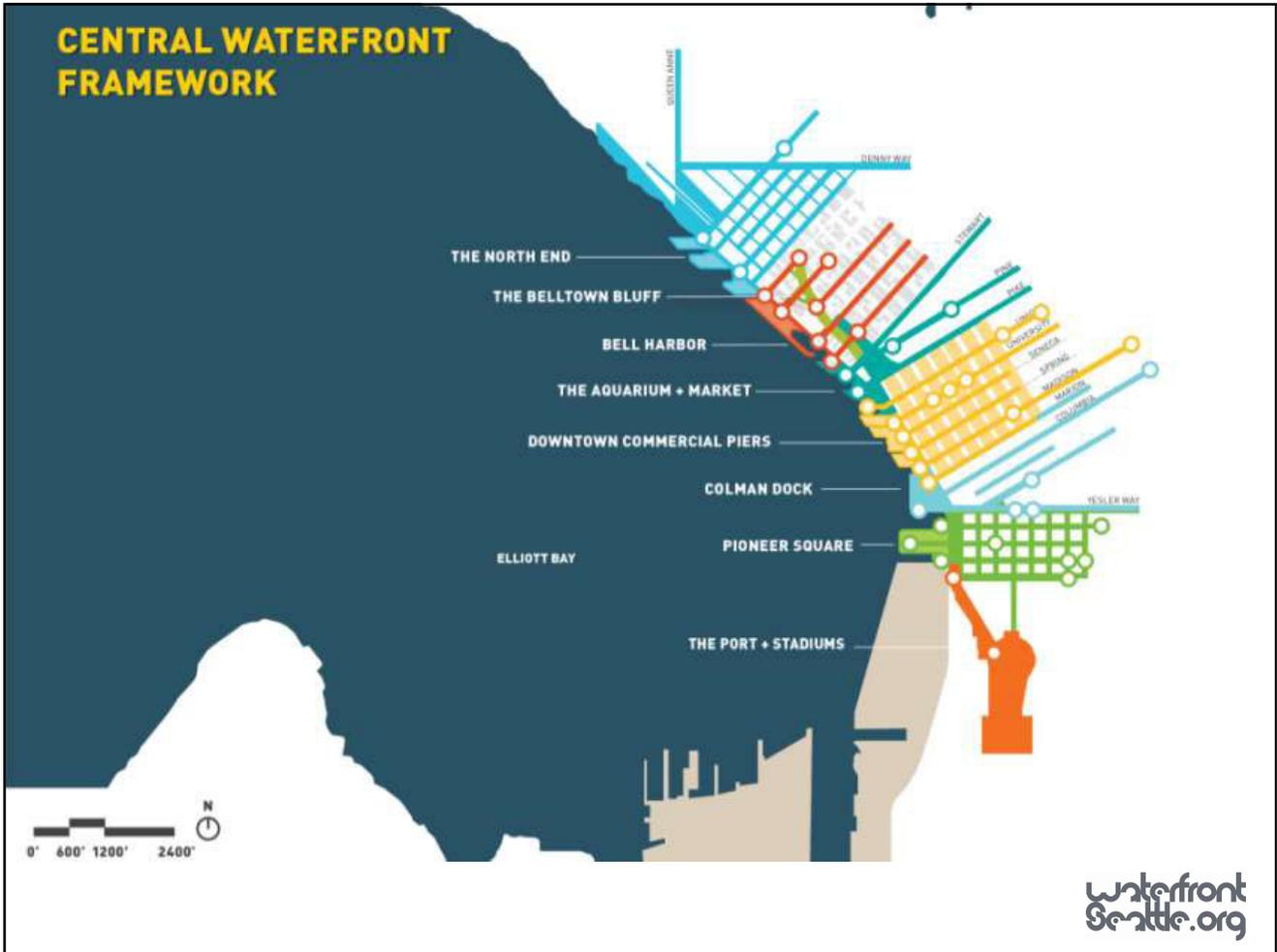


Project Updates



- CORE
- - - OPTIONAL CORE
- NON-CORE

- Refining early design ideas
- Concept Design and Framework Plan by July 2012





Elliott Bay  Seawall
Project

Project Update
January 23, 2012

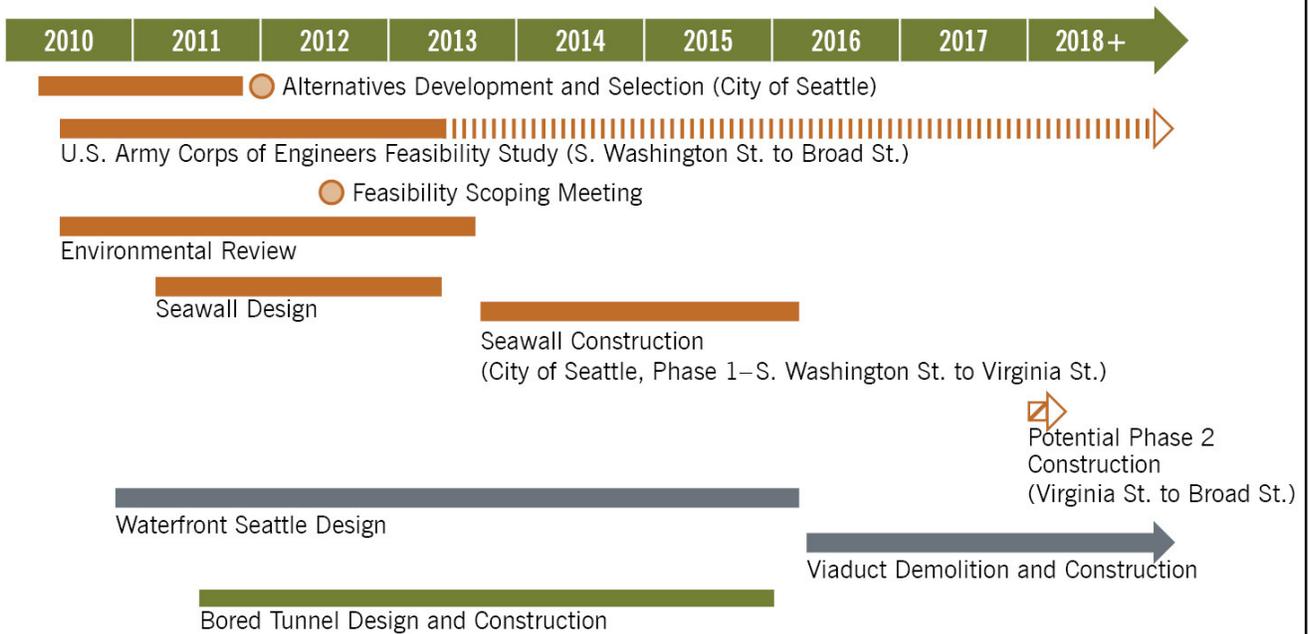
Last Council Update: April 2011

- Project need, scope, and schedule
- Team partnerships
- Existing conditions
- Options for soil stabilization
- Habitat restoration opportunities
- Project alternative “bookends”
- Range of project costs (\$310M - \$390M)



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Project Schedule

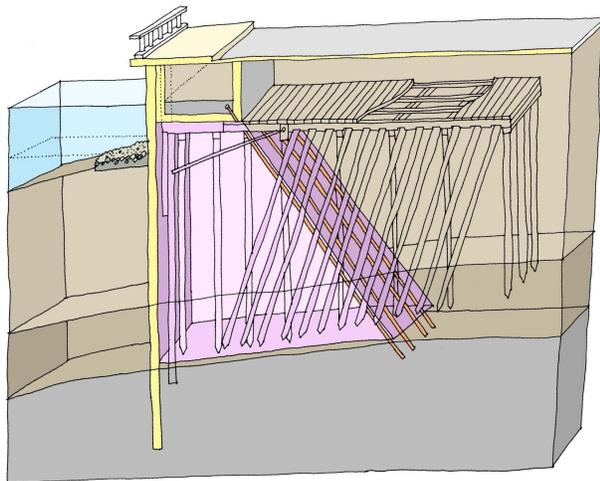


Elements of the Alternatives

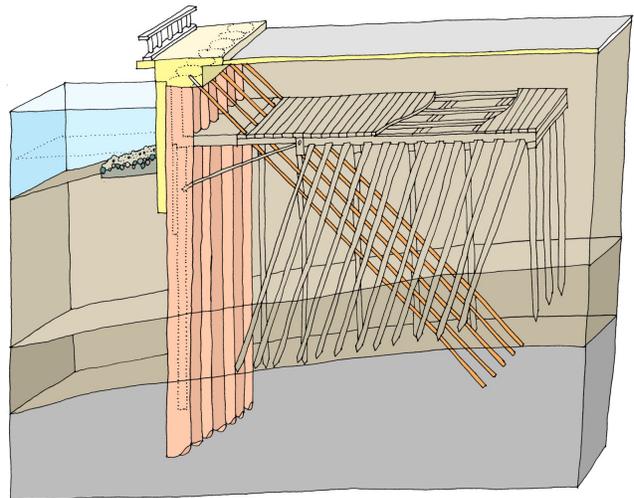
- Soil stabilization
- Habitat enhancement measures
- Wall location
- Restored roadway and pedestrian/bicycle facilities
- Flexibility for Waterfront Seattle
- Potential early wins, both in-water and uplands



Soil Stabilization Methods



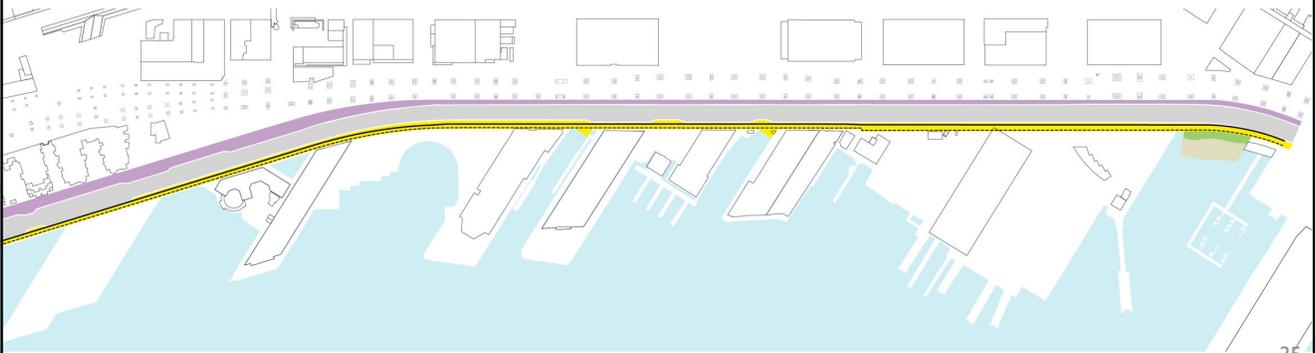
Jet Grouting

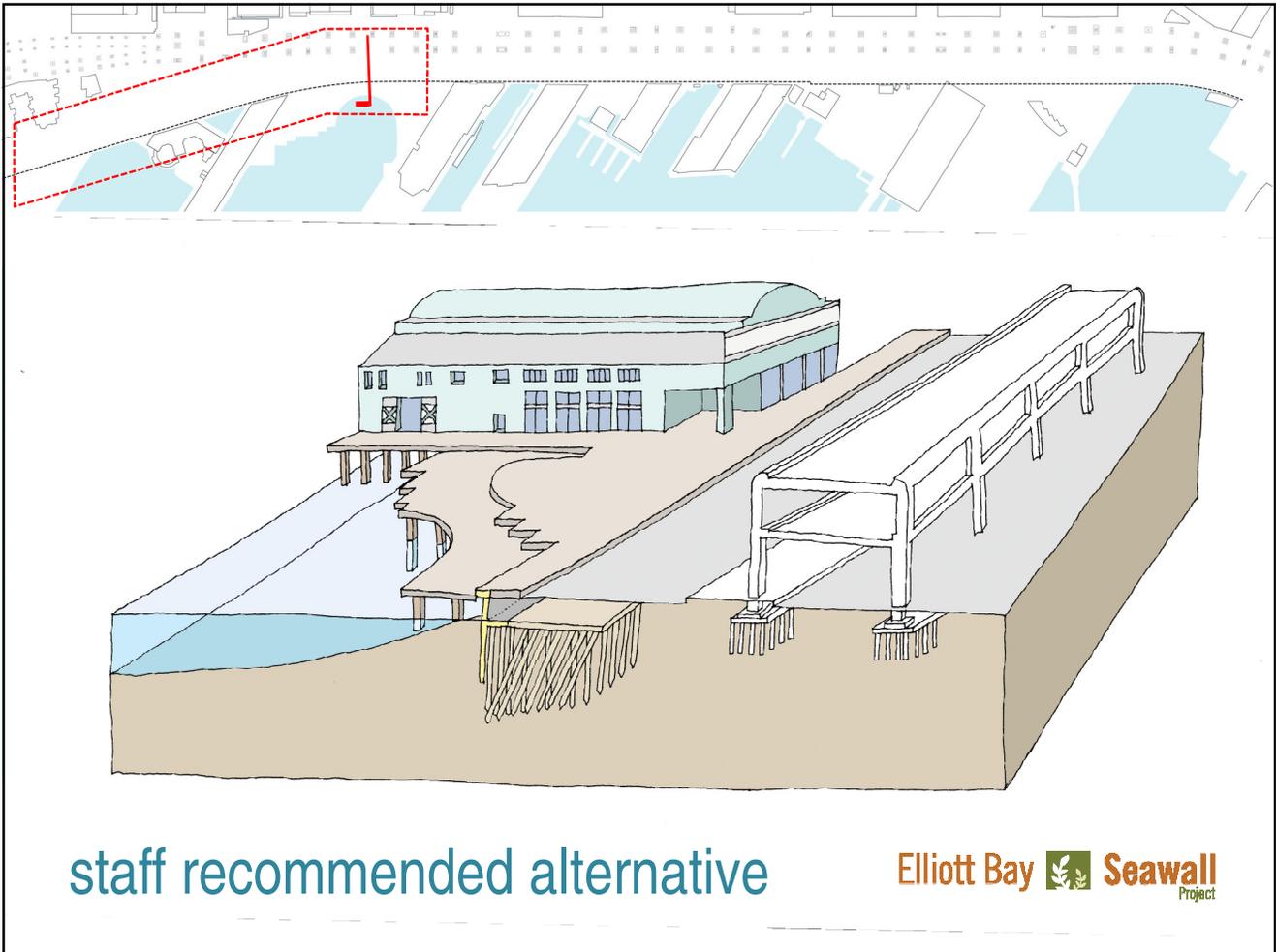


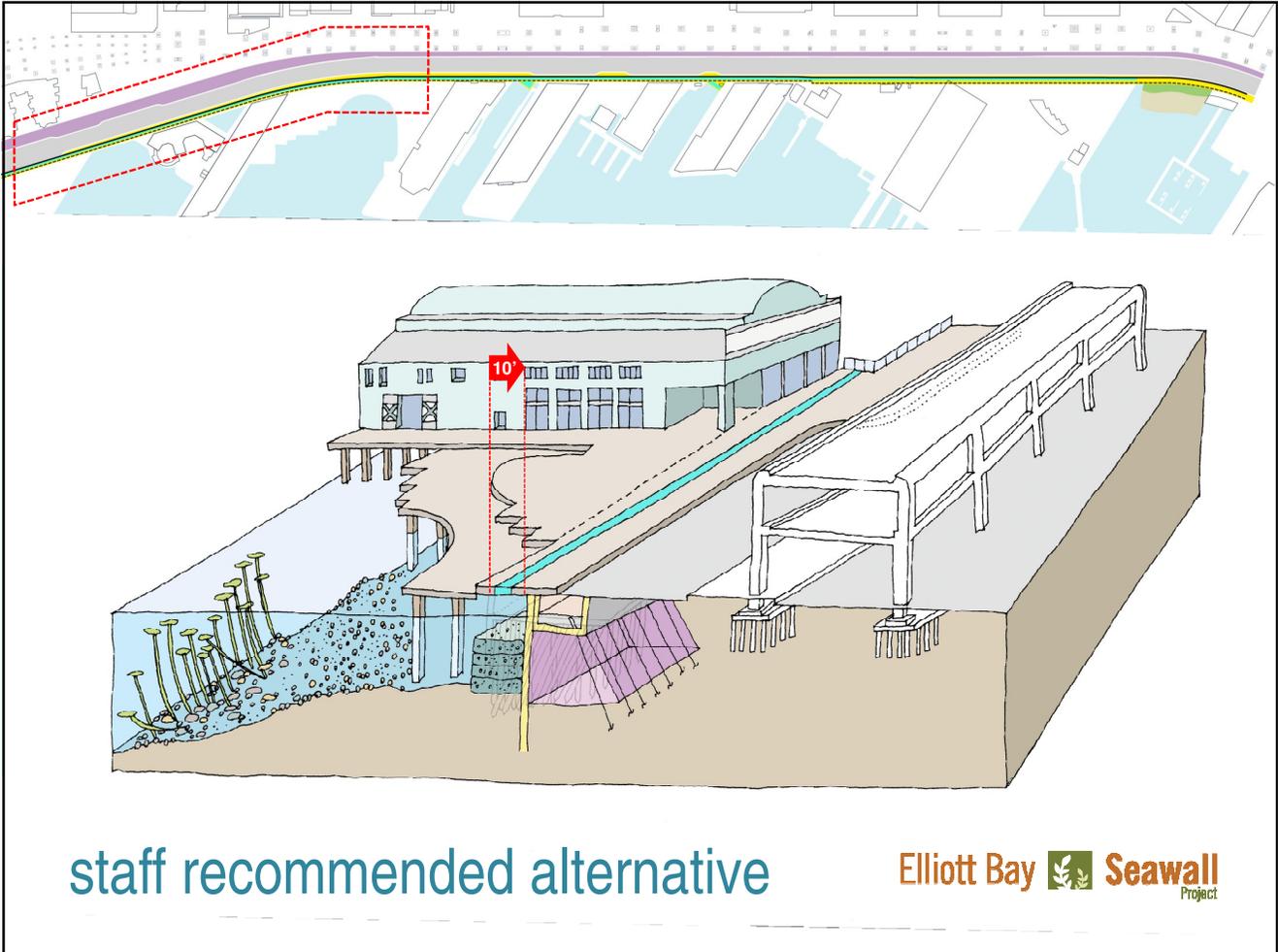
Drilled Shafts

Staff Recommended Alternative Features

- Wall location: 10' – 15' inland
- Continuous migration corridor
- Jet grouting preferred
- Early program wins
- Cost estimate available in late March







U.S. Army Corps Coordination

USACE Permitting Processes

Planning Branch City Partner Project

- Cost shared study between Corps and non-federal sponsor
- USACE-driven schedule
- USACE self-permits where it has jurisdiction
- Requires Congressional authorization for construction after approval of feasibility study

Regulatory Branch USACE Permitted Project

- Typical process for non-USACE shoreline projects
- USACE conducts an independent review of project in order to issue permits

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U.S. Army Corps Coordination

Investigating Opportunities to Expedite Construction

Exploring Parallel Process (City Goal: Construct 2013-2016)

- Work with Regulatory branch to obtain in-water work permit for project to advance Phase 1 construction
- Advance construction of Phase 1 using local cost share
- Complete feasibility study with Planning branch and receive credit for City's Phase 1 investments

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Advancing Design and Permitting

- Review 35% design
- Issue RFQ for final design
- Work closely with regulatory agencies, including the Corps
- Continue coordination and engagement activities

You're Invited



Join the Elliott Bay Seawall Project on February 1 to learn about the upcoming RFP for final design of the central seawall

(From S. Washington Street to Virginia Street)

Information and Networking Luncheon

Prime Consultants, Subconsultants, and Suppliers, Including Minority, Women's, Small, Disadvantaged, and Disabled Veterans' Businesses

This lunch event will provide information on the project's upcoming contracting opportunities and will connect subcontractors and suppliers with senior project staff and potential prime contractors.

Subcontracting opportunities include:

- Structural design
- Geotechnical engineering
- Drainage and site design
- Urban design and landscape architecture
- Transportation design
- Ecosystem restoration design
- Project management
- Cost estimating
- Project controls
- Plan production (CAD services)
- Surveying

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Alaskan Way Viaduct Replacement Program



Alaskan Way Viaduct Replacement Program

Building the Second SR 99 Bridge



Alaskan Way Viaduct Replacement Program

Rebuilding Sidewalk Near South Atlantic Street



Tunnel Construction: Next 6 Months

North end:

- Continue to relocate utilities
- Begin north portal excavation

South end/Central waterfront:

- Continue to relocate utilities
- Begin settlement mitigation for buildings and structures at the south end
- Begin building boring machine launch pit
- Begin building south operations building



Detour beneath the Alaskan Way Viaduct near Pioneer Square.

Alaskan Way Viaduct Replacement Program

Changes to Alaskan Way South

Legend

-  Northbound motor vehicle route
-  Southbound motor vehicle route
-  Bicycle/ Pedestrian route
-  Pedestrian route
-  Road closure/ work zone



Alaskan Way Viaduct Replacement Program

North End Construction Overview



- A** Reconstruct Mercer Street lanes
- B** Relocate utilities near SR 99 tunnel north portal
- C** Mobilize construction crews at north portal

Advisory Committee on Tolling

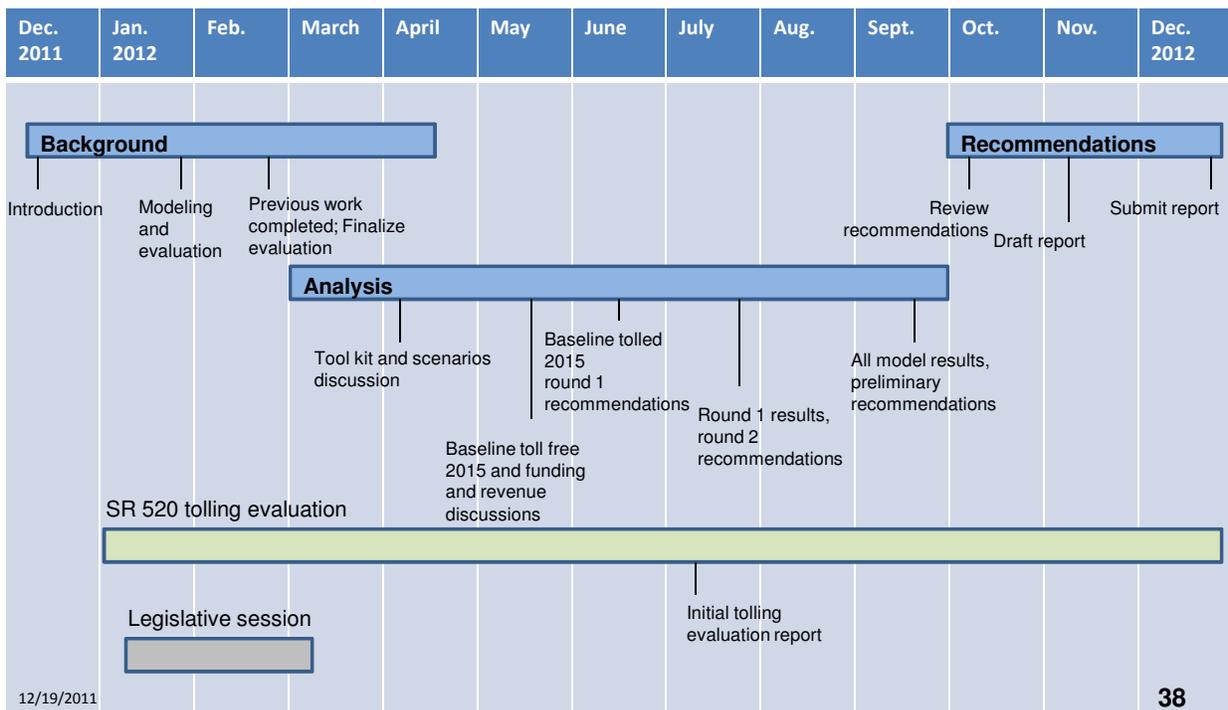
- The committee will make advisory recommendations on strategies for:
 - Tolling the SR 99 tunnel
 - Minimizing traffic diversion from the tunnel due to tolling
 - Mitigating traffic diversion effects on city streets and I-5
- Recommendations will be considered for potential implementation by the State, City of Seattle, Port of Seattle, and/or King County



Electronic tolling at Tacoma Narrows Bridge.

Alaskan Way Viaduct Replacement Program

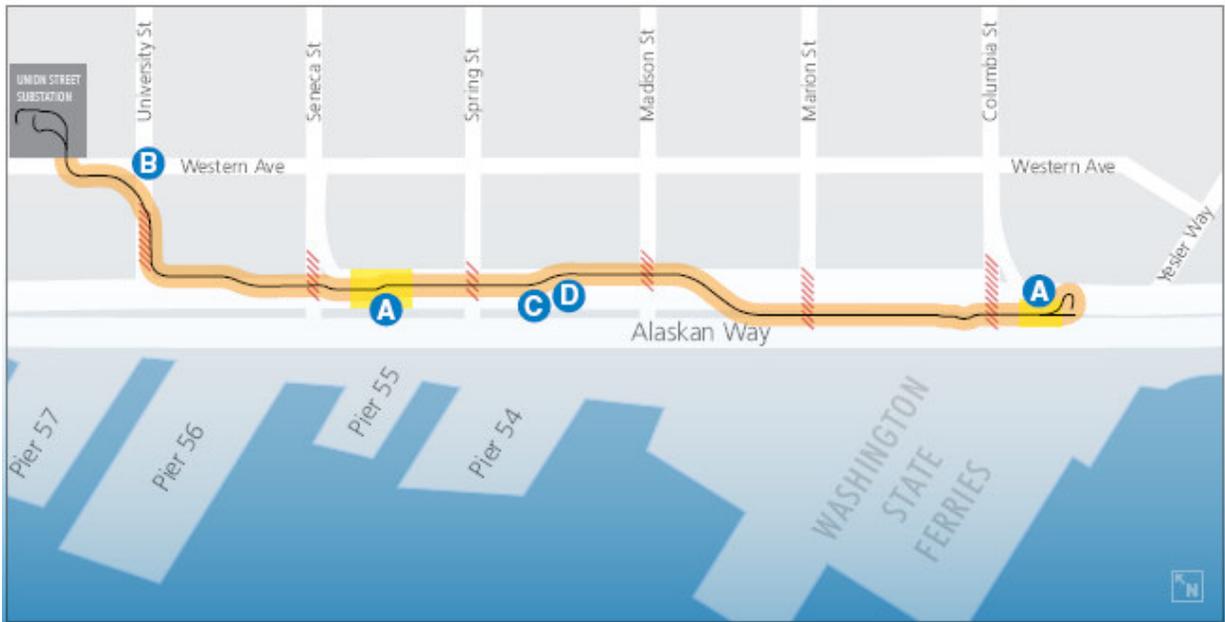
Work Plan





***Central Waterfront Transmission
Line Relocation Project***

Seattle City Light Transmission Line Relocation



Planning for Parking Losses



-  = Planned construction start date
-  = On-street parking availability under viaduct along project alignment

Parking Mitigation

Parking

YourSpotIsHere.com

Parking

***FIRST FOUR HOURS**

YourSpotIsHere.com