



Central Waterfront Stakeholders Group

January 30, 2012



and



Housekeeping

*Waterfront Seattle
Preliminary Street Design*



WORKING DRAFT, DECEMBER 15, 2011

**THE DESIGN AND ENGINEERING OF THE STREET MUST
BALANCE MANY DIFFERENT EXPECTATIONS IN ORDER TO
SUPPORT TRAVEL NEEDS AND PLACE-MAKING
OF THE NEW WATERFRONT:**

- DESIGN ALASKAN WAY TO FUNCTION AS
A GOOD URBAN STREET FOR ALL USERS, SIMILAR TO FIRST AVE DOWNTOWN
- PROVIDE EFFECTIVE REGIONAL TRANSPORTATION CONNECTIONS
- INTEGRATE THE STREET INTO THE OVERALL DESIGN
FOR THE WATERFRONT AND CENTER CITY CIRCULATION

WORKING DRAFT, DECEMBER 15, 2011

STREET DESIGN

FUNCTIONS OF THE STREET

TRAFFIC CONSIDERATIONS

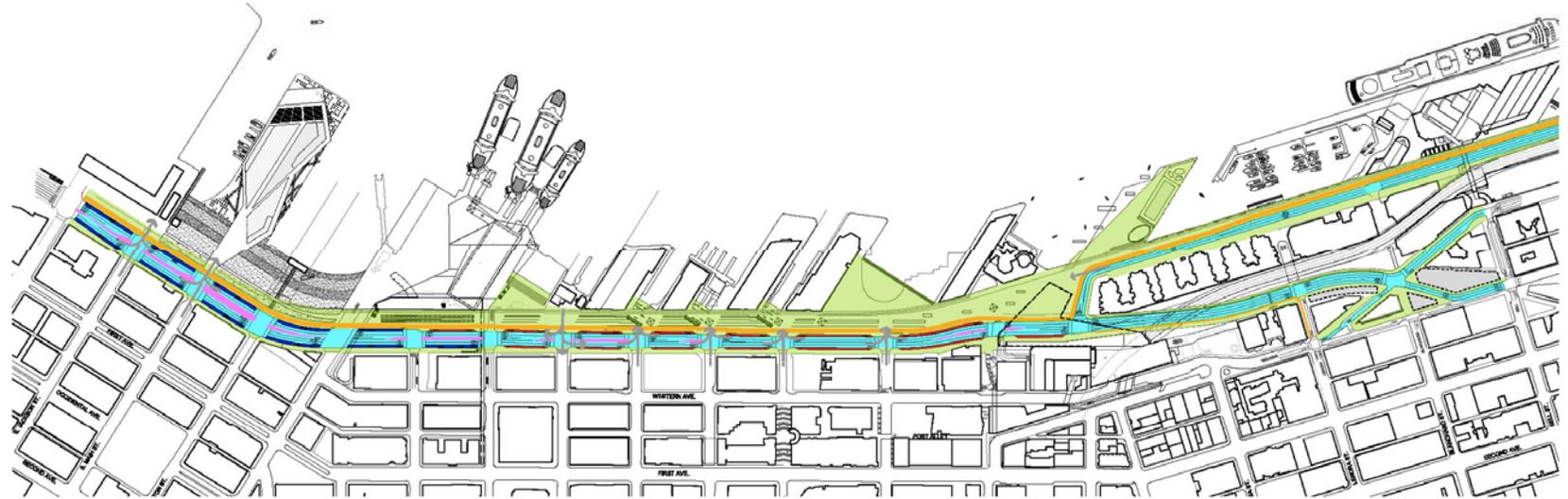
ALASKAN WAY SEGMENTS

ELLIOTT-WESTERN SEGMENTS

WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

SITE PLAN



- VEHICLE LANES**
GENERAL TRAFFIC /
FREIGHT /
LOCAL TRANSIT
- PARKING / LOADING**
- FLEX LANES**
PEAK PERIOD TRANSIT
/ OFF-PEAK PARKING &
LOADING
- MEDIANS**
- BIKEWAY/LANE**
- PUBLIC REALM**
- SERVICE ROUTES**

WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

FUNCTIONS OF THE STREET



VEHICLES, PARKING AND LOADING

WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

FUNCTIONS OF THE STREET

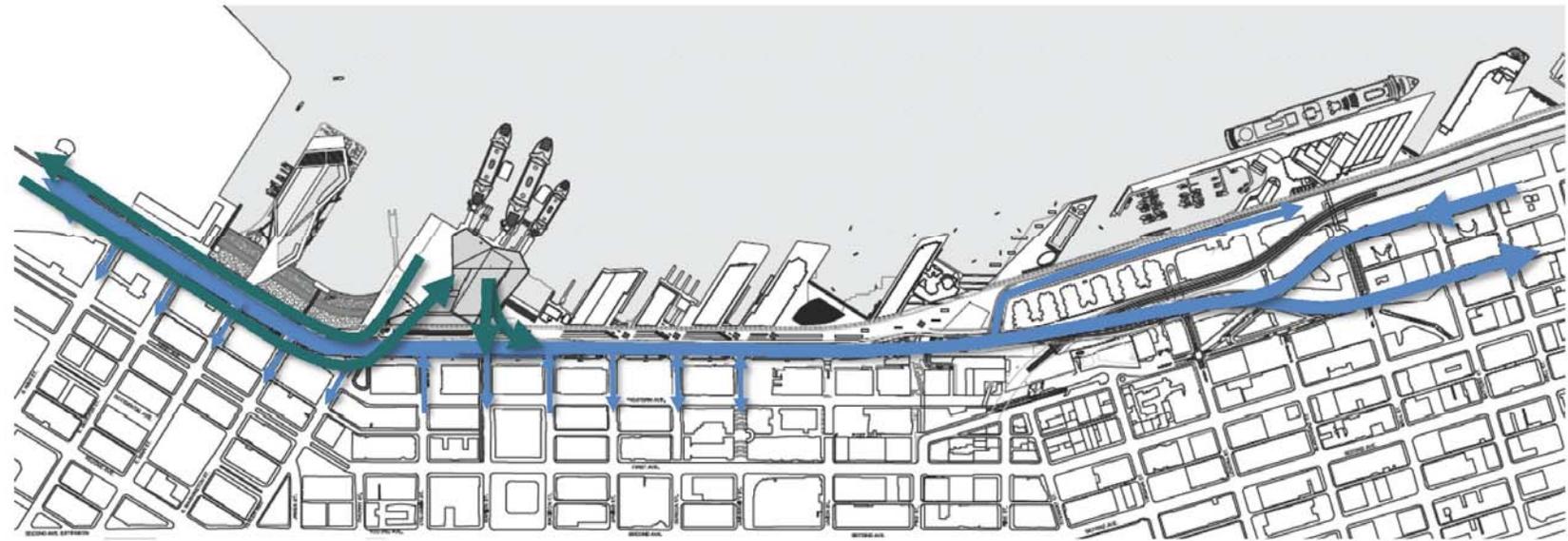


VEHICLES, PARKING AND LOADING

WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

FUNCTIONS OF THE STREET

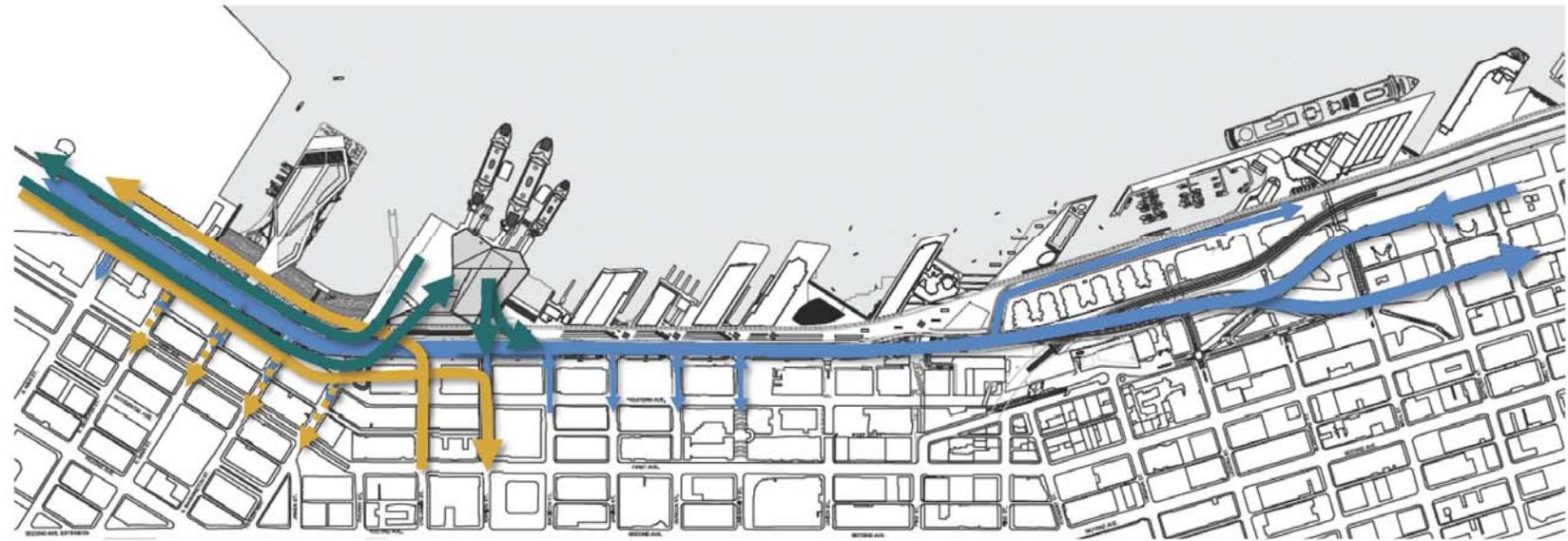


- VEHICLES, PARKING AND LOADING
- FERRIES: LOADING AND UNLOADING

WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

FUNCTIONS OF THE STREET

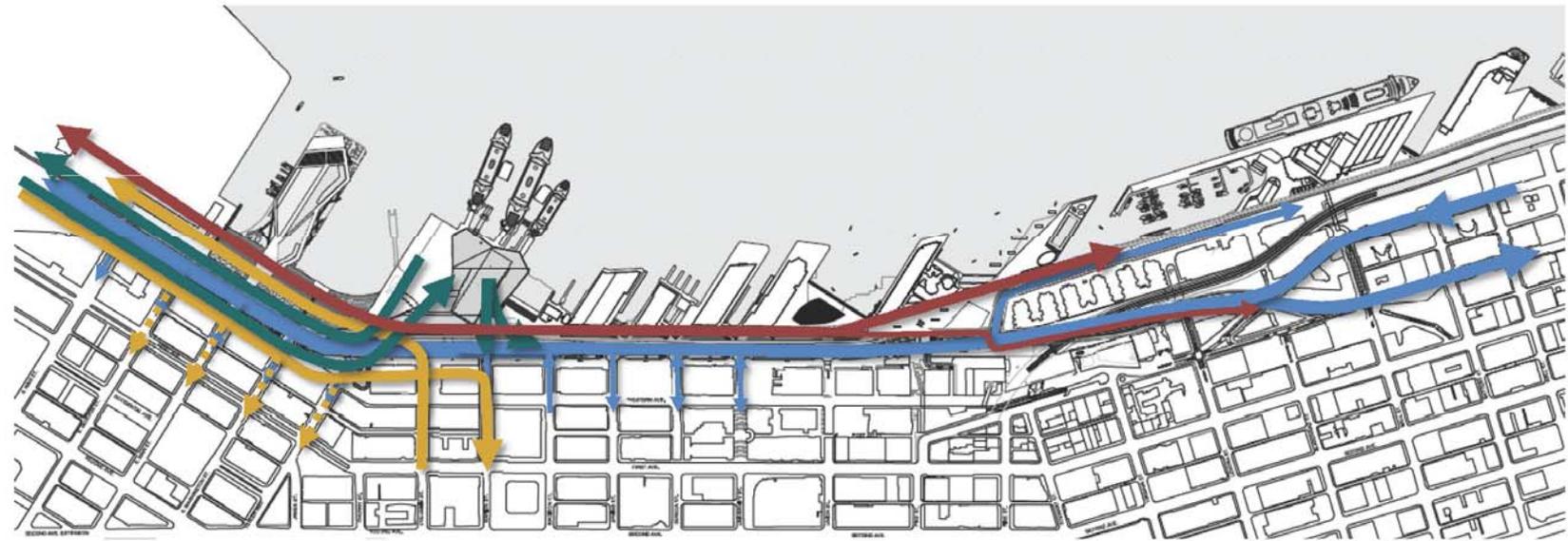


- VEHICLES, PARKING AND LOADING
- FERRIES: LOADING AND UNLOADING
- TRANSIT LINKAGE

WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

FUNCTIONS OF THE STREET



- VEHICLES, PARKING AND LOADING
- FERRIES: LOADING AND UNLOADING
- TRANSIT LINKAGE
- NORTH/SOUTH BICYCLE AND PEDESTRIAN MOVEMENT



WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

TRAFFIC CONSIDERATIONS

Waterfront Seattle
2030 Average daily traffic volumes on Alaskan Way



WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

TRAFFIC CONSIDERATIONS

Waterfront Seattle
Travel times on Alaskan Way
Year 2030 PM peak hour

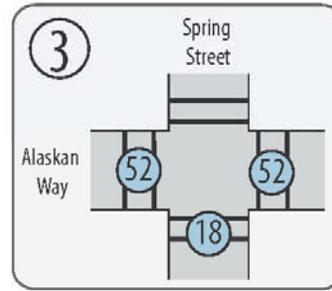
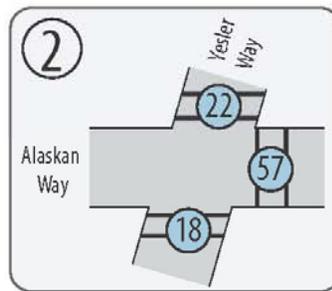
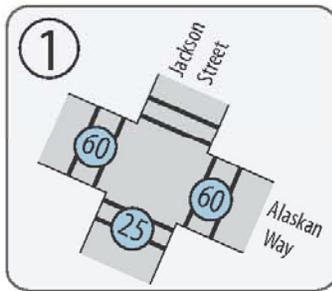
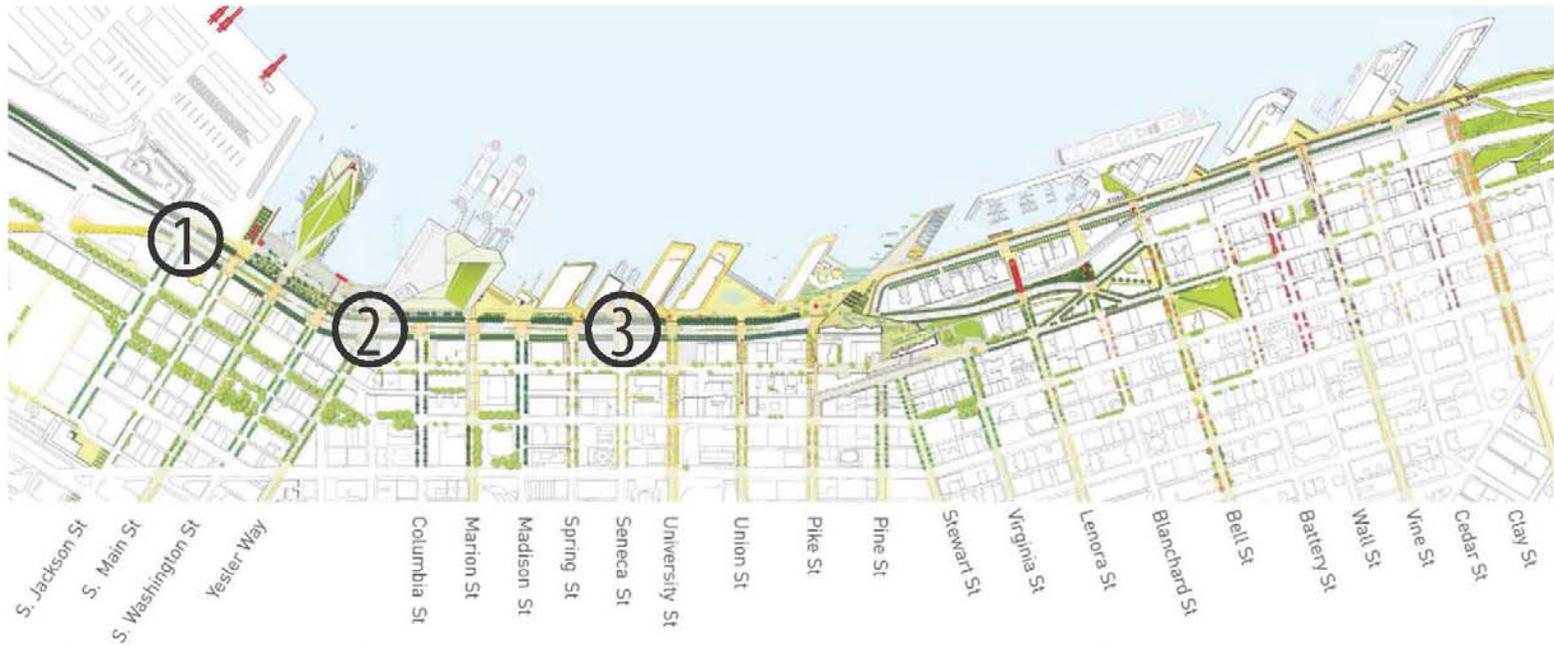


STREET DESIGN

TRAFFIC CONSIDERATIONS

WORKING DRAFT: DECEMBER 15, 2011

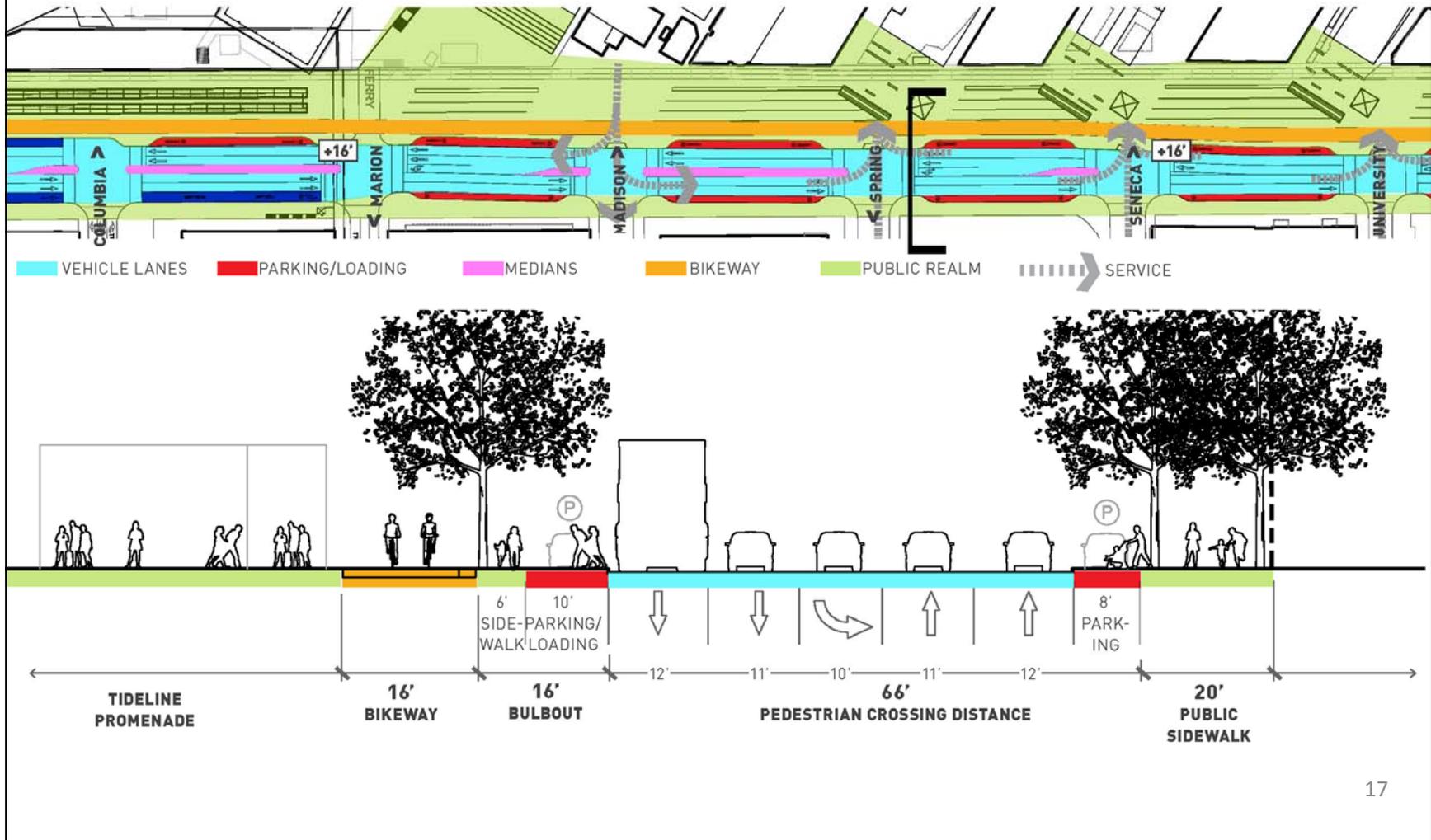
Waterfront Seattle
 Pedestrian crossing wait times + crossing times
 Year 2030 PM peak hour



52 Average pedestrian wait time + crossing time

WORKING DRAFT: DECEMBER 15, 2011

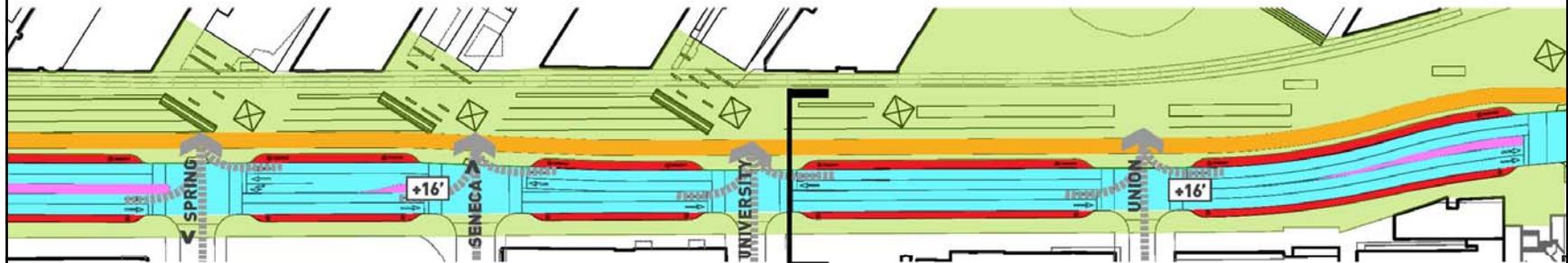
SEGMENT 3: MARION TO SENECA SECTION @ SPRING STREET



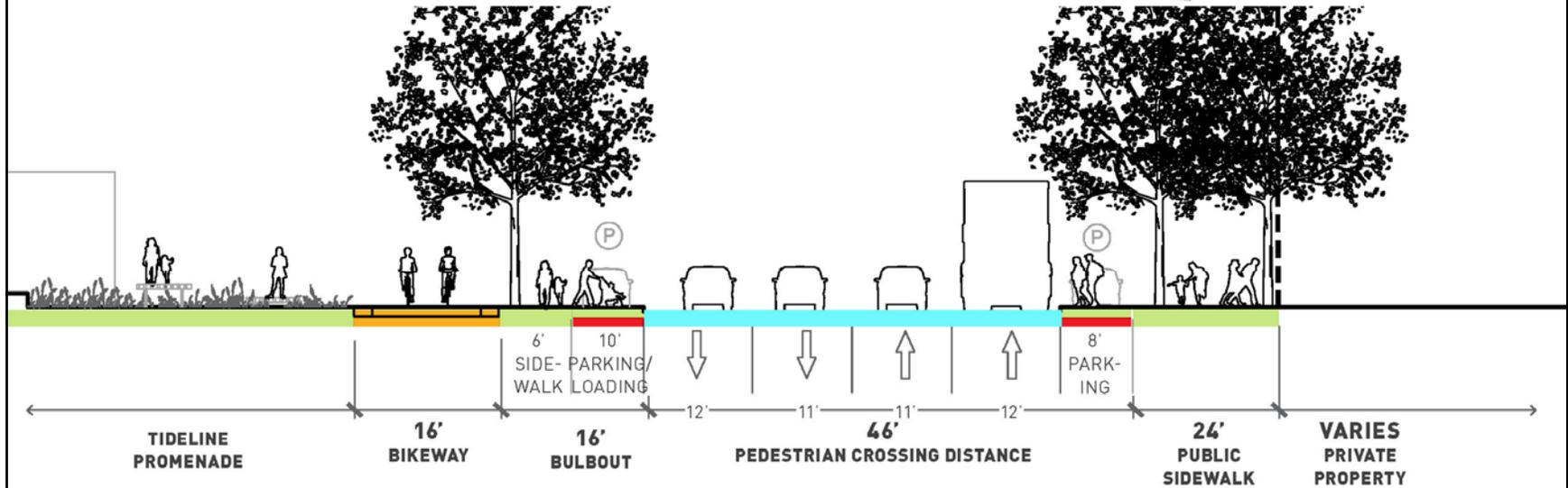
WORKING DRAFT: DECEMBER 15, 2011

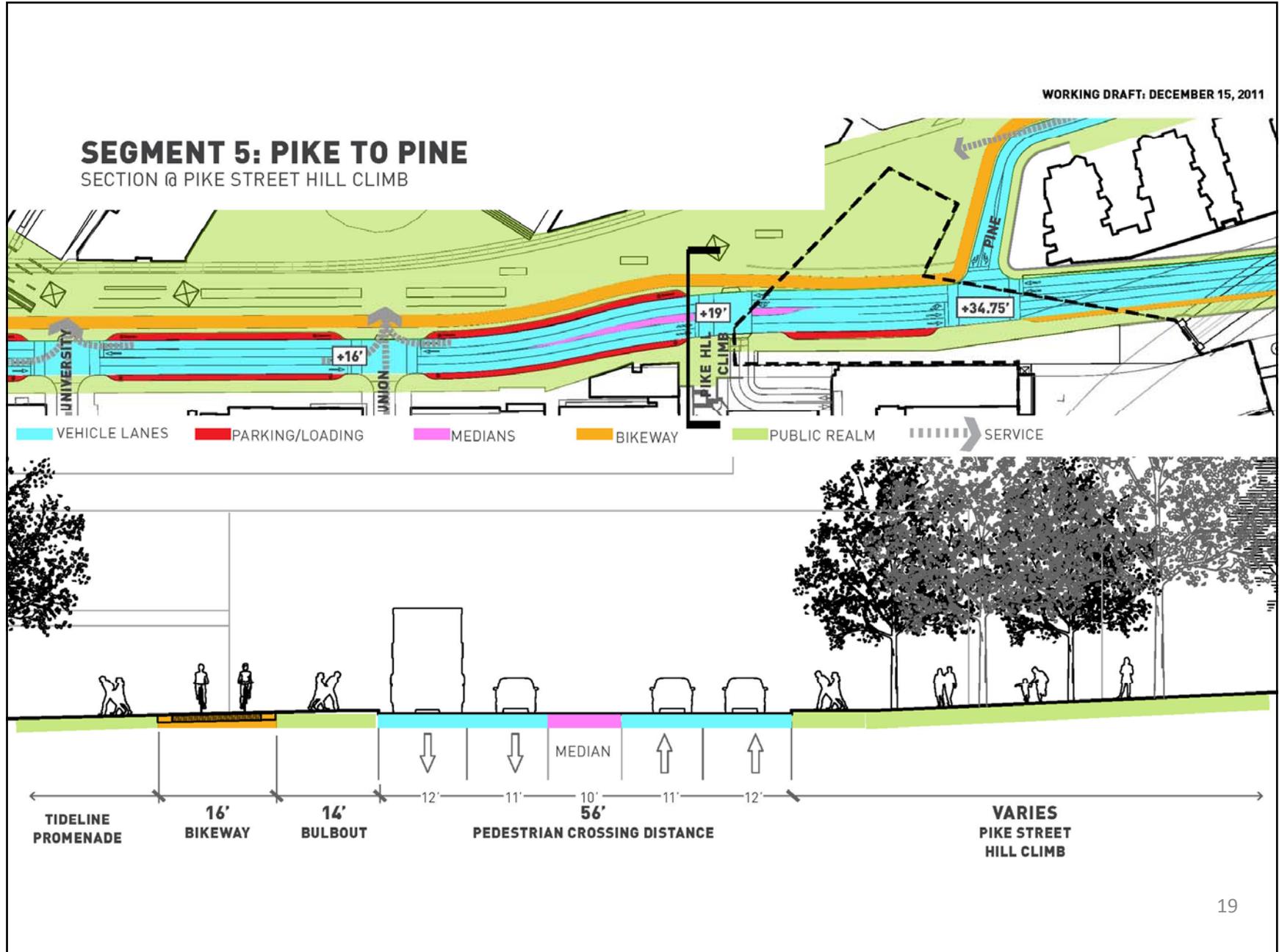
SEGMENT 4: SENECA TO PIKE

SECTION @ UNIVERSITY STREET



■ VEHICLE LANES
 ■ PARKING/LOADING
 ■ MEDIANS
 ■ BIKEWAY
 ■ PUBLIC REALM
 - - - - - SERVICE

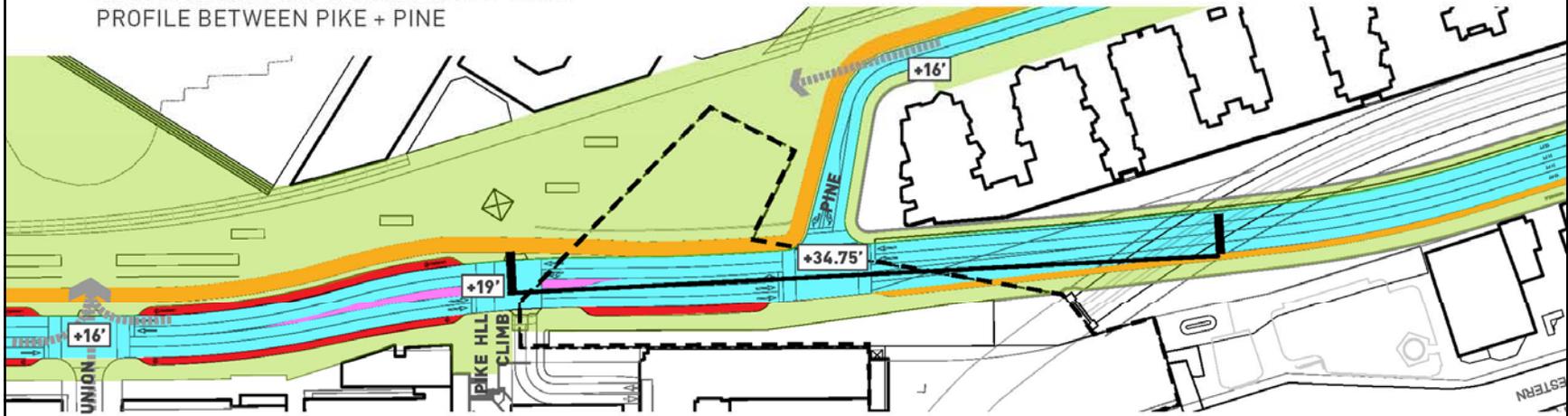




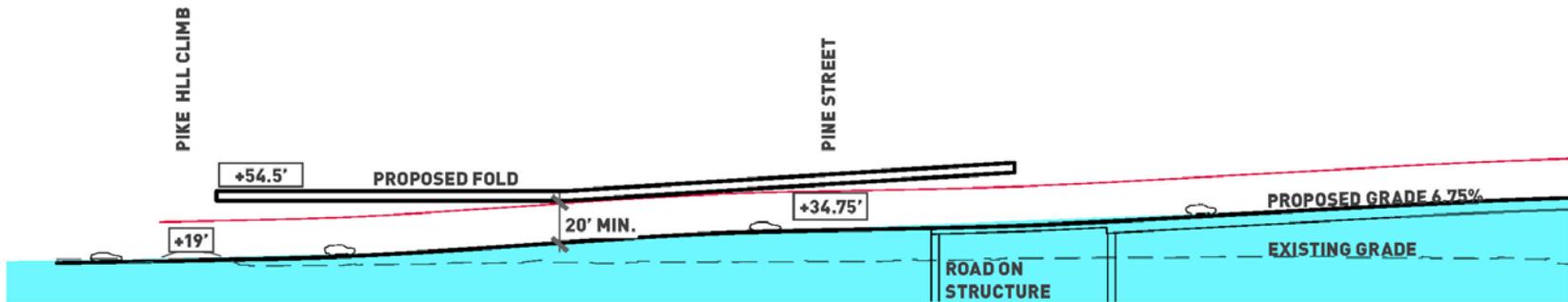
WORKING DRAFT: DECEMBER 15, 2011

SEGMENT 5: PIKE TO PINE

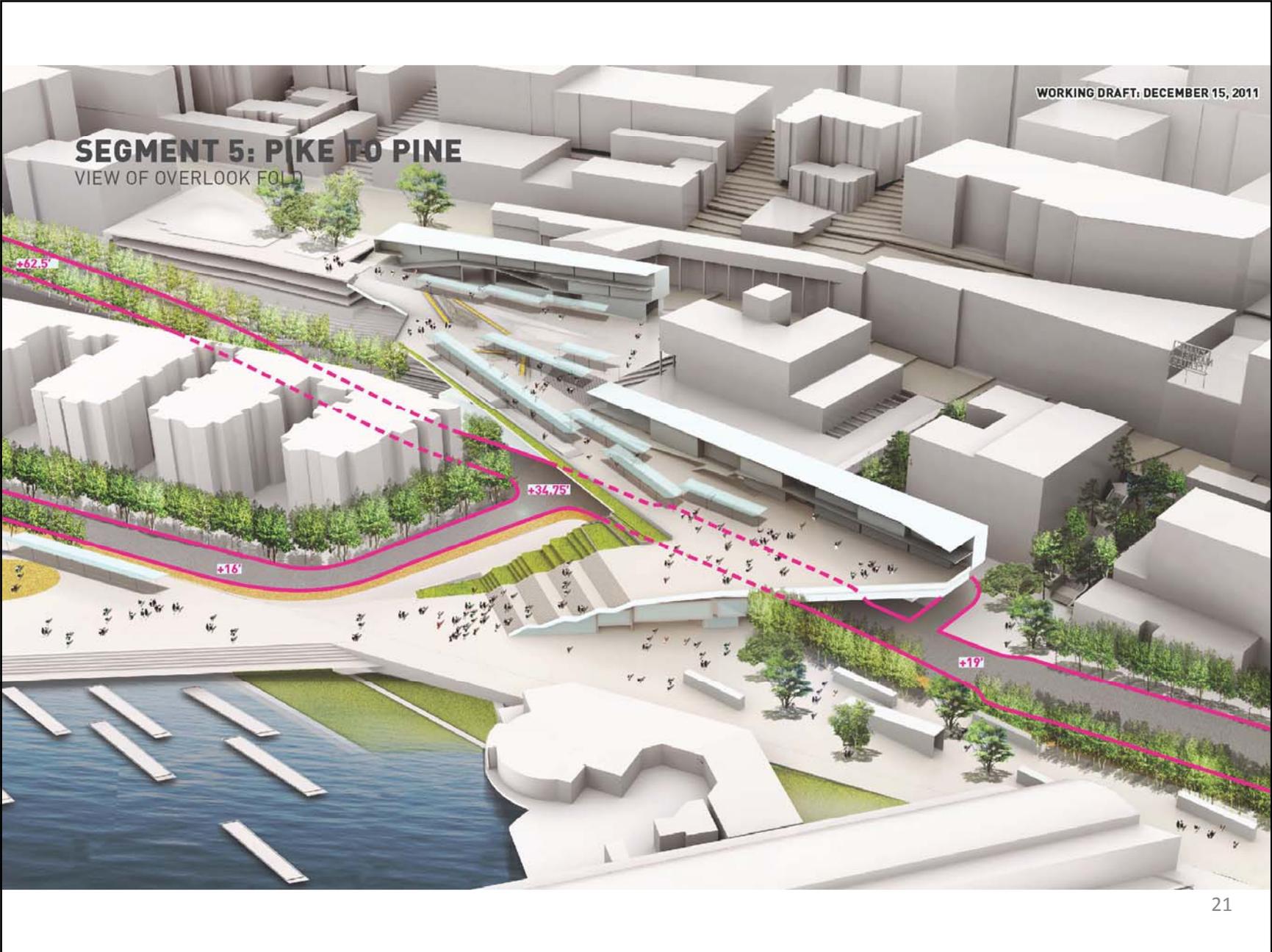
PROFILE BETWEEN PIKE + PINE



- VEHICLE LANES
- PARKING/LOADING
- MEDIANS
- BIKEWAY / LANE
- PUBLIC REALM
- SERVICE



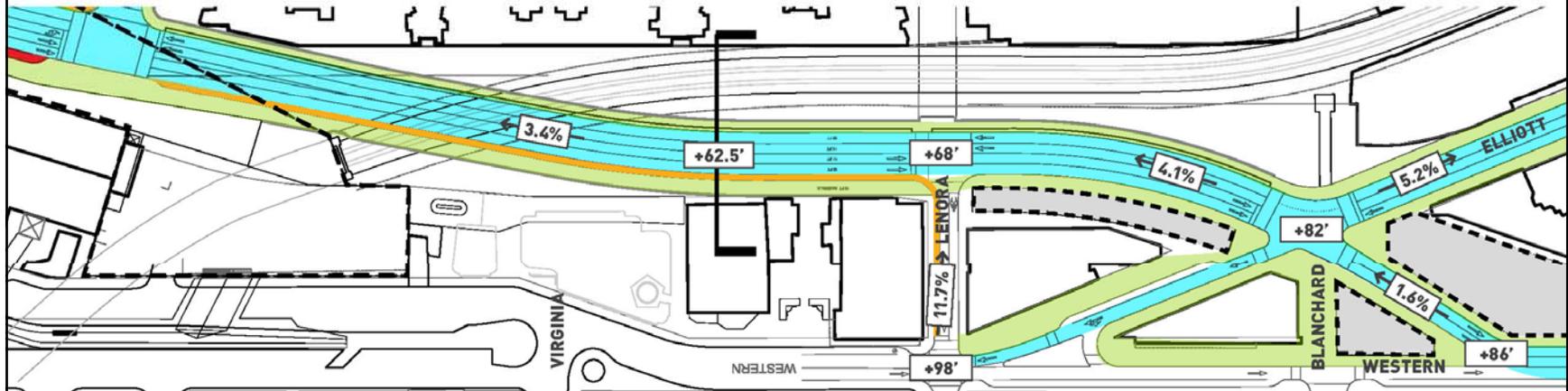
PROFILE BETWEEN PIKE AND STEWART ST., LOOKING WEST



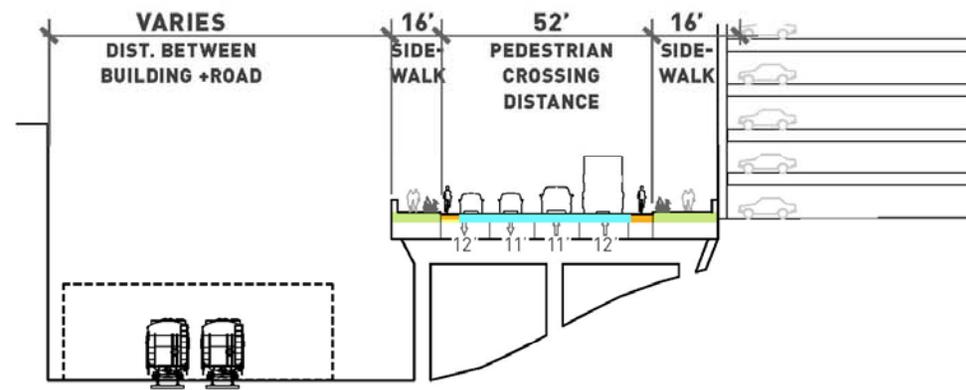
WORKING DRAFT: DECEMBER 15, 2011

SEGMENT 6A: PINE TO LENORA

SECTION @ VIRGINIA STREET



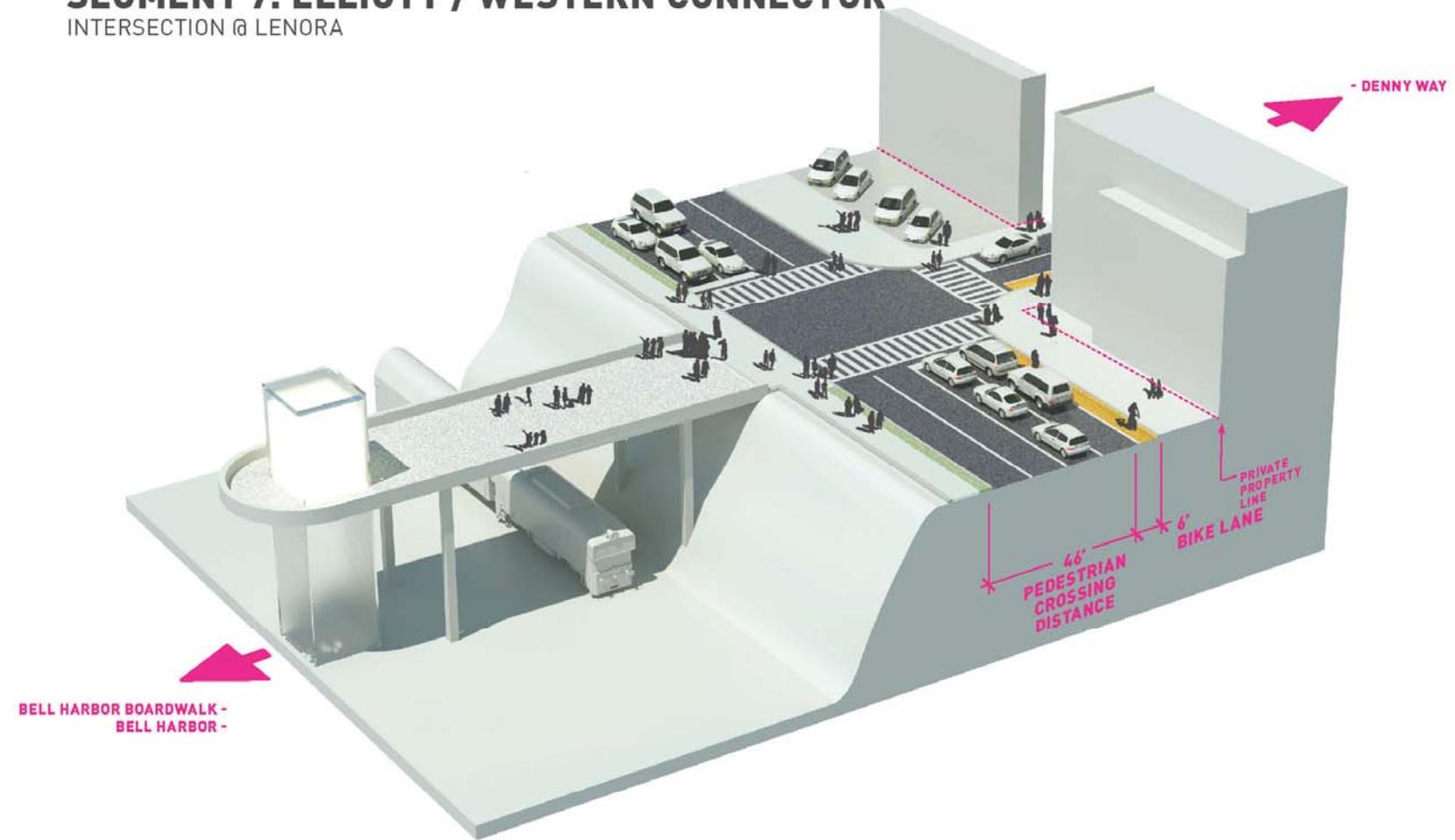
VEHICLE LANES BIKELANE PUBLIC REALM SERVICE



WORKING DRAFT: DECEMBER 15, 2011

SEGMENT 7: ELLIOTT / WESTERN CONNECTOR

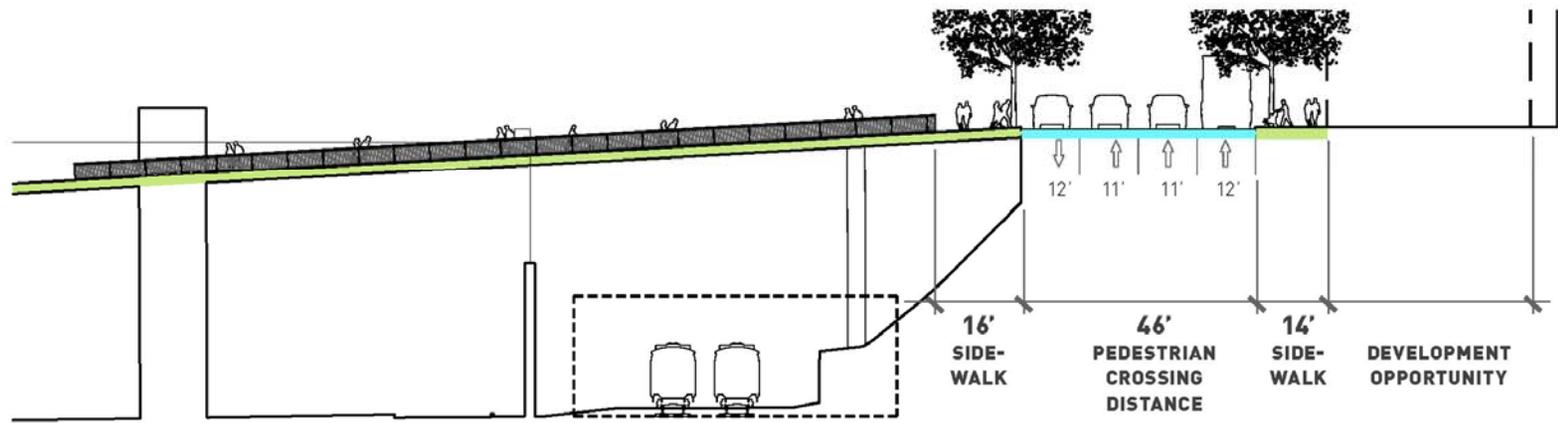
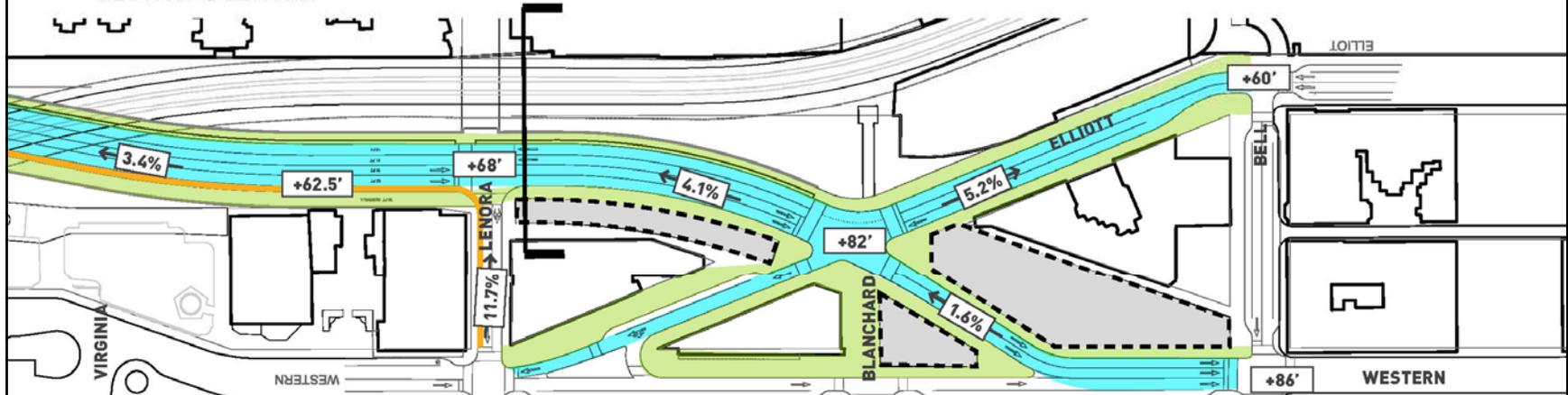
INTERSECTION @ LENORA



WORKING DRAFT: DECEMBER 15, 2011

SEGMENT 7: LENORA TO BELL

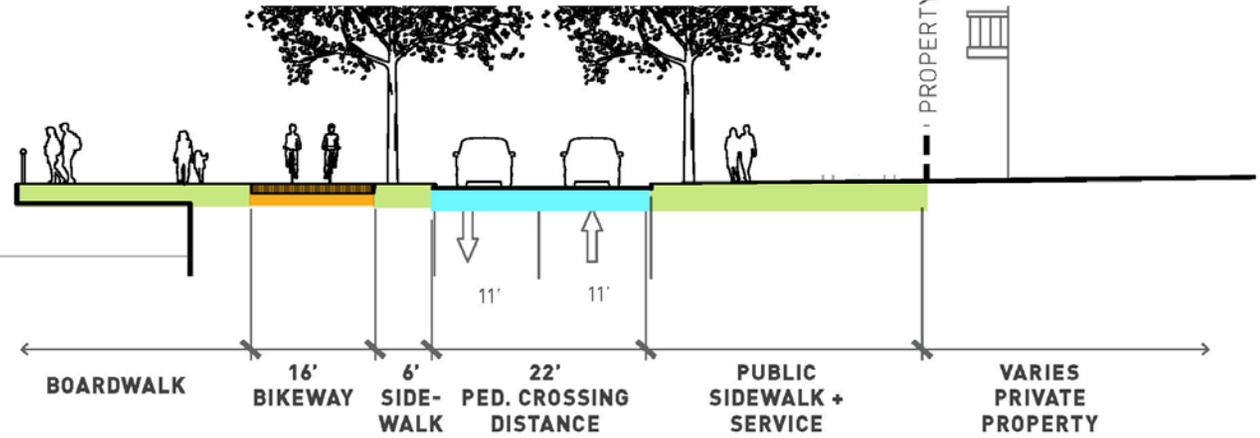
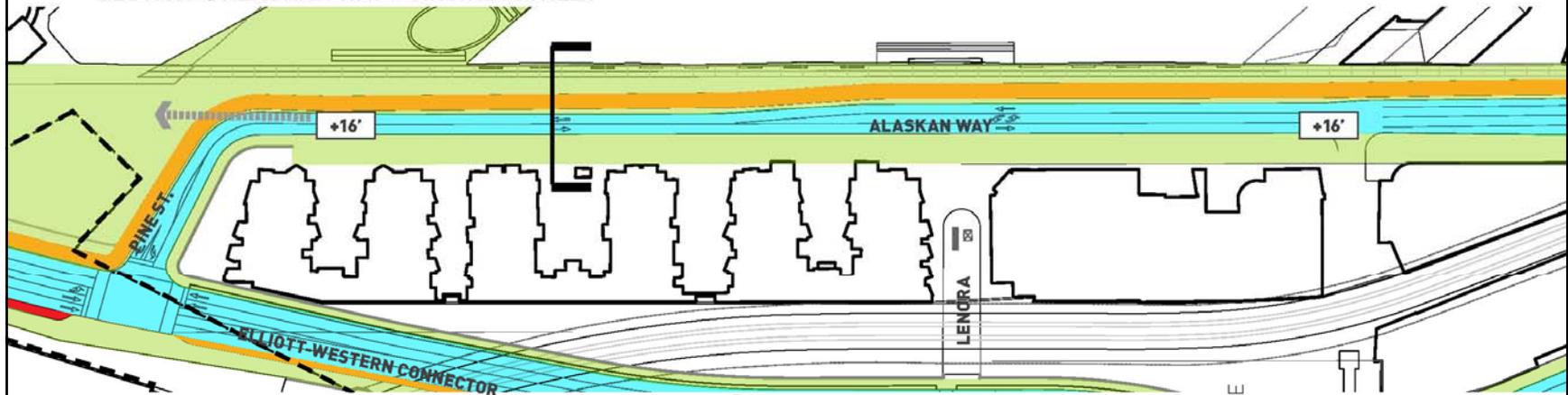
SECTION @ LENORA



WORKING DRAFT: DECEMBER 15, 2011

SEGMENT 6B: PINE TO LENORA

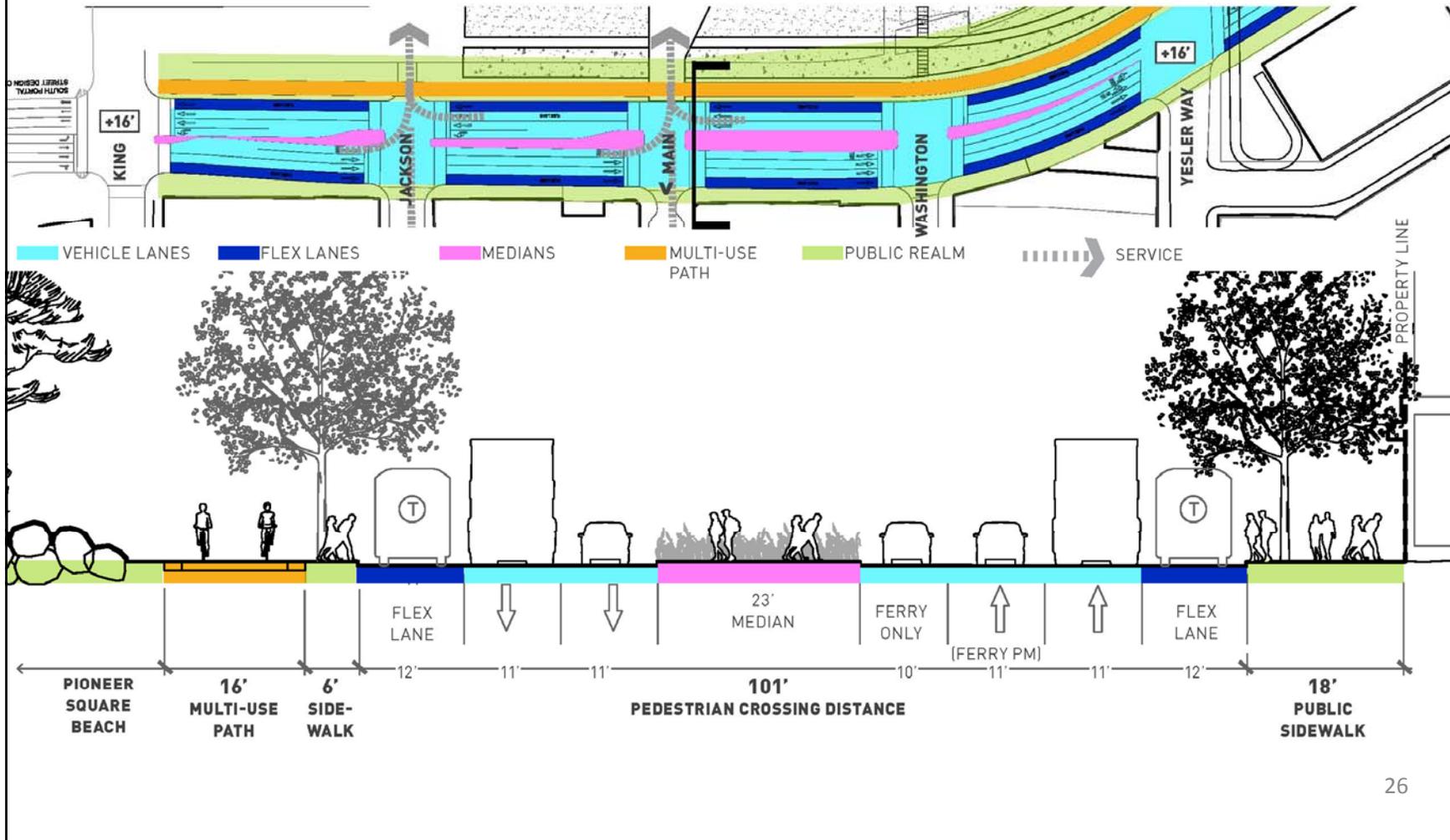
SECTION @ ALASKAN WAY + VIRGINIA STREET



WORKING DRAFT: DECEMBER 15, 2011

SEGMENT 1: S. KING TO YESLER WAY

SECTION @ S. MAIN STREET

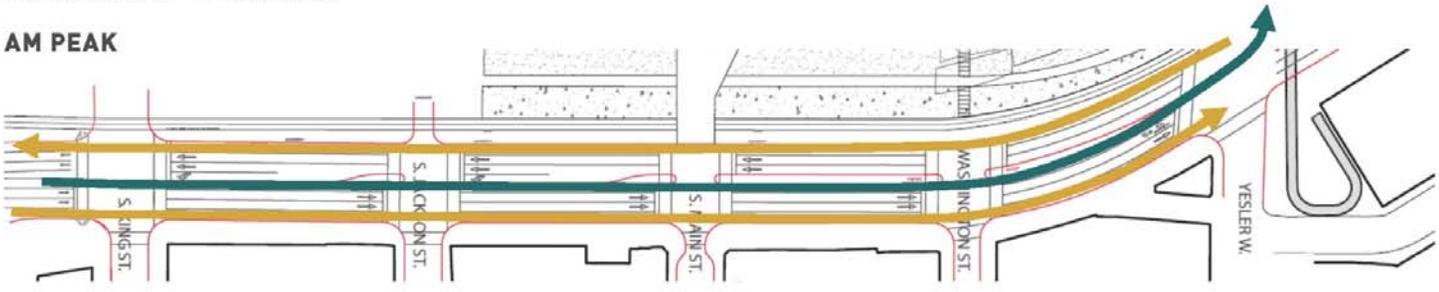


WORKING DRAFT: DECEMBER 15, 2011

STREET DESIGN

FUNCTIONS OF THE STREET

AM PEAK



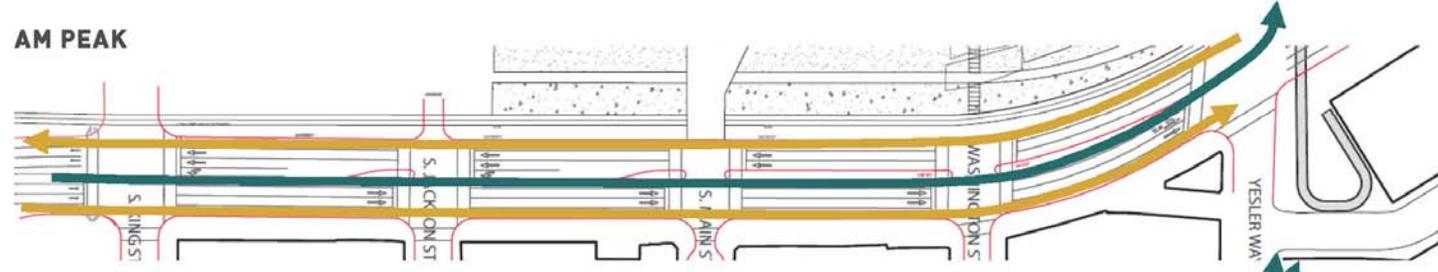
- FERRY ONLY
- TRANSIT ONLY
- PARKING/LOADING

WORKING DRAFT: DECEMBER 15, 2011

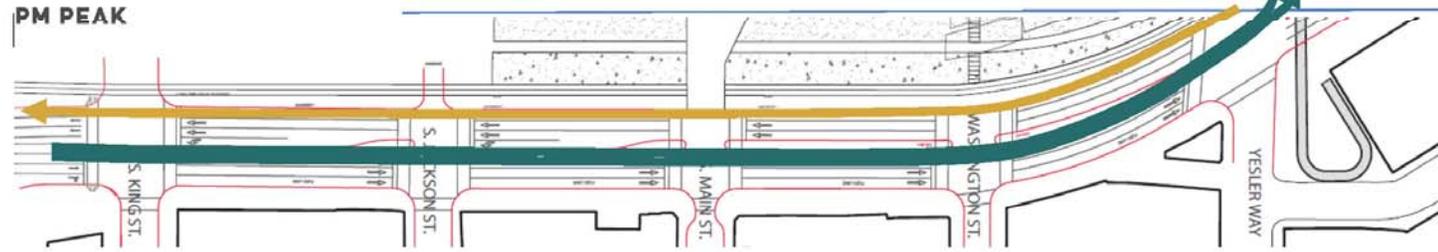
STREET DESIGN

FUNCTIONS OF THE STREET

AM PEAK



PM PEAK



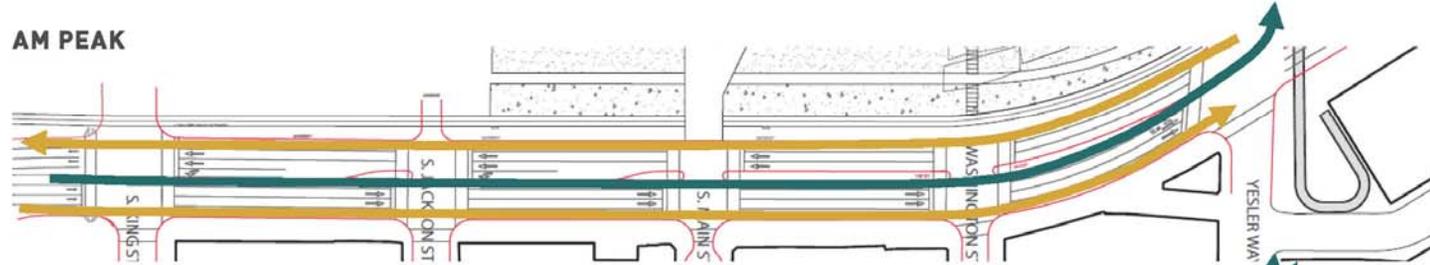
-  FERRY ONLY
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-  PARKING/LOADING

WORKING DRAFT: DECEMBER 15, 2011

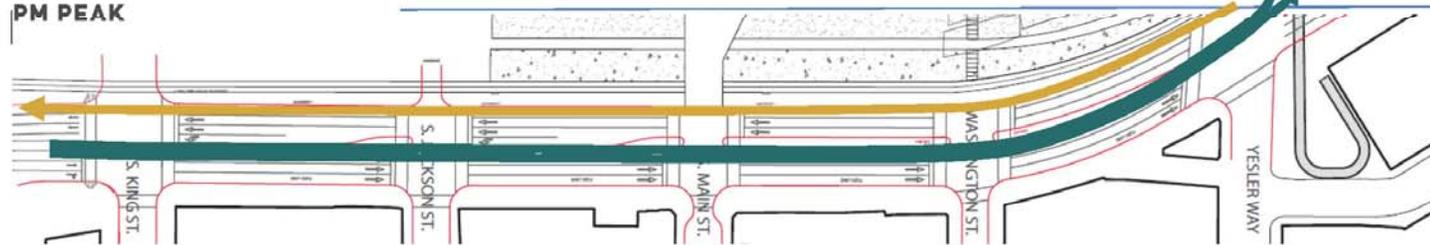
STREET DESIGN

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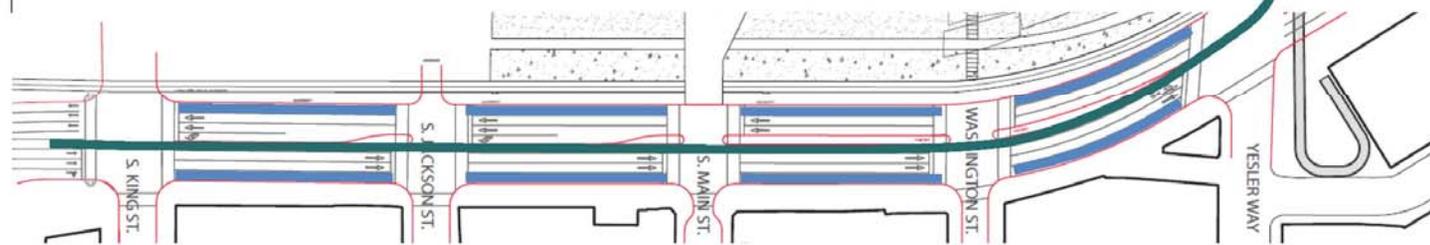
AM PEAK



PM PEAK



OFF PEAK

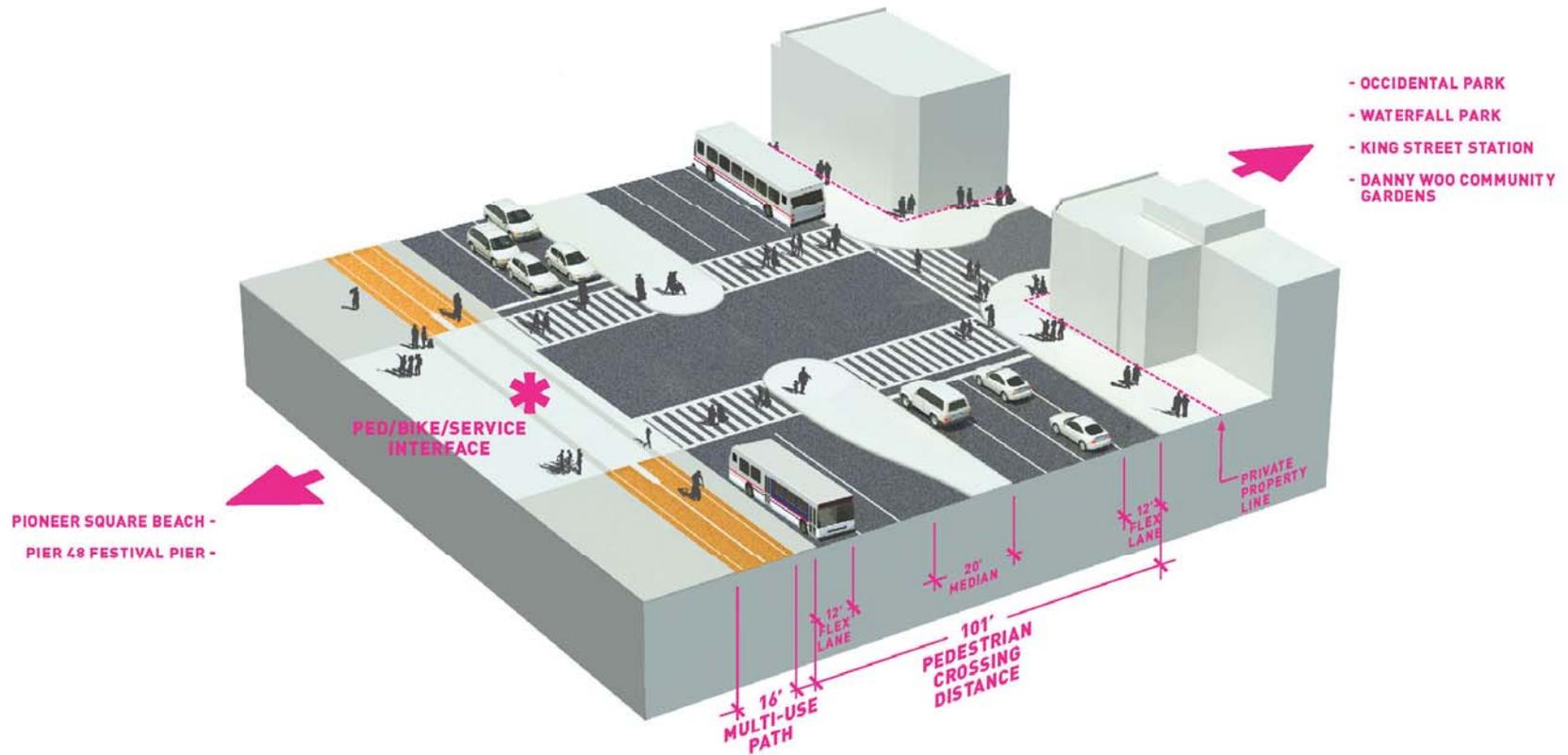


-  FERRY ONLY
-  TRANSIT ONLY
-  PARKING/LOADING

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SEGMENT 1: S. KING TO YESLER WAY

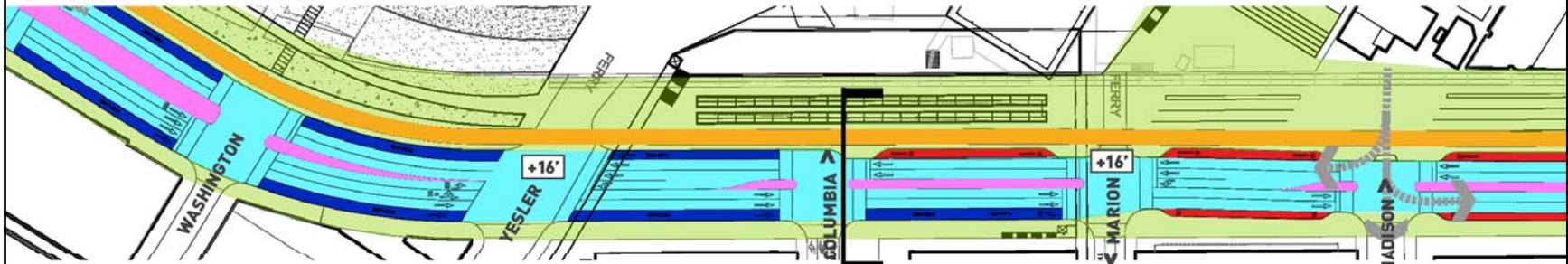
INTERSECTION @ S. MAIN STREET



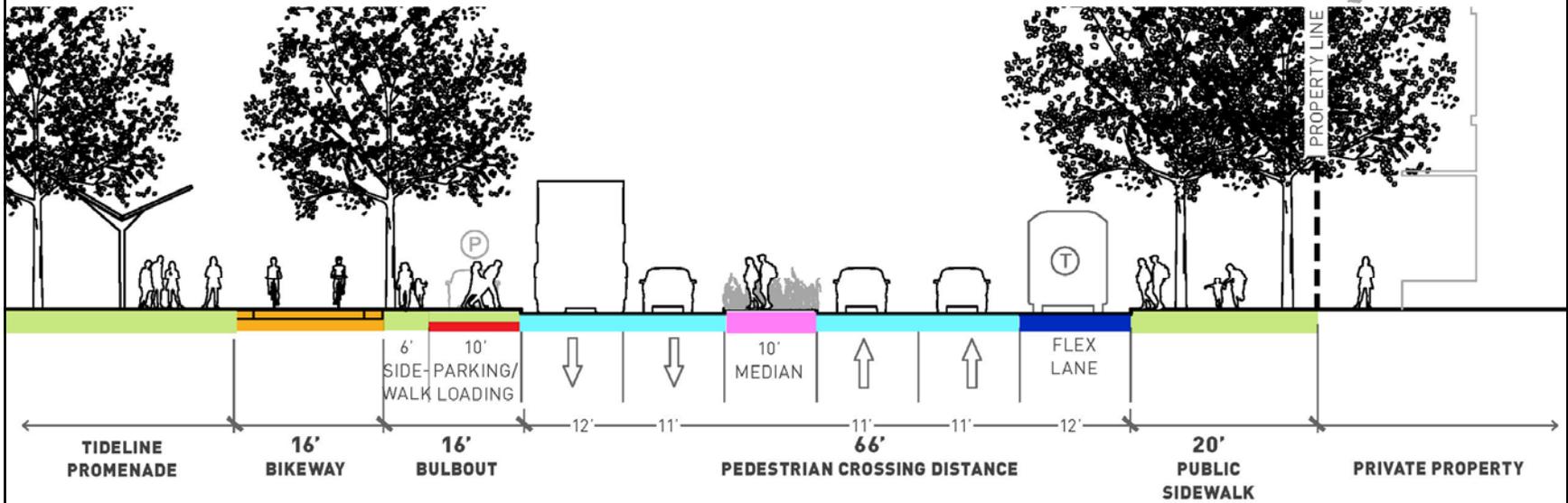
WORKING DRAFT: DECEMBER 15, 2011

SEGMENT 2: YESLER TO MARION

SECTION @ COLUMBIA STREET



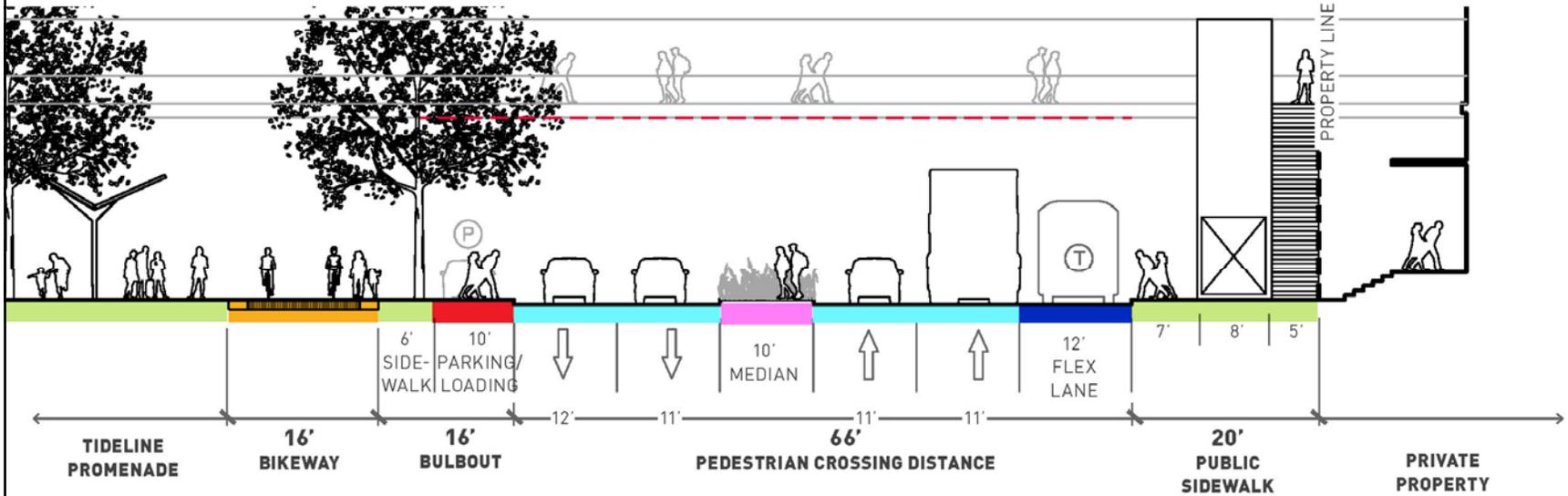
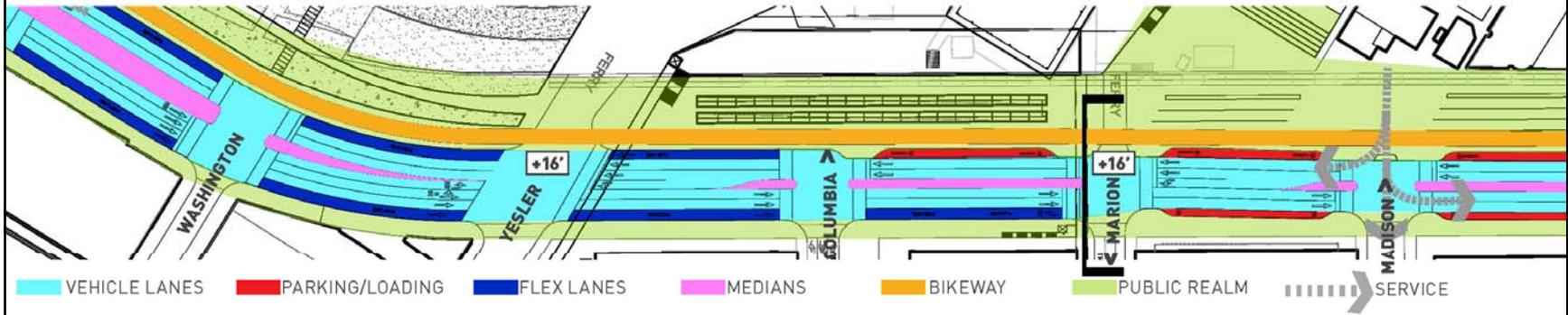
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 SERVICE



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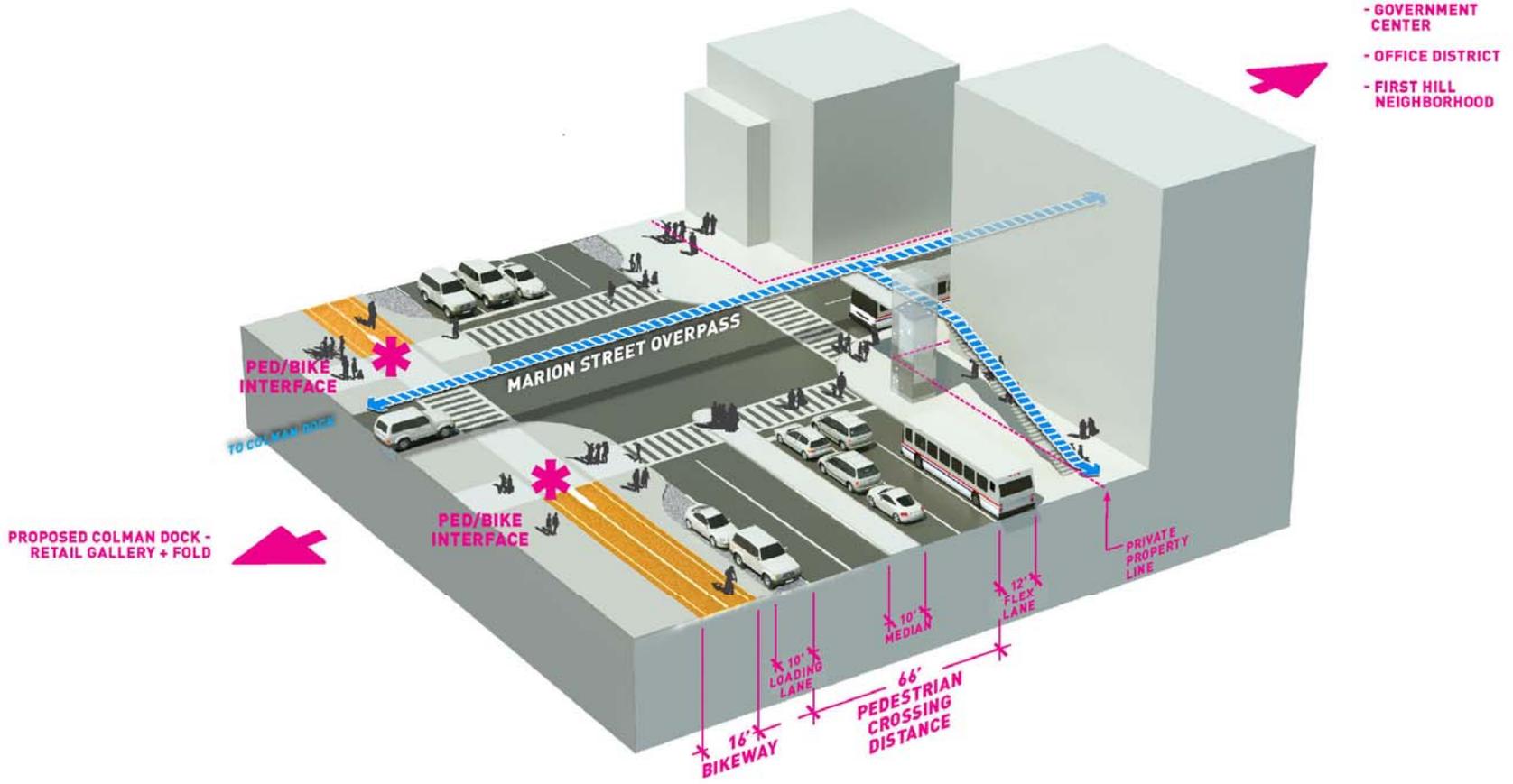
SEGMENT 2: YESLER TO MARION

SECTION @ MARION STREET



WORKING DRAFT: DECEMBER 15, 2011

SEGMENT 2: YESLER WAY TO MARION ST. INTERSECTION @ MARION STREET



WORKING DRAFT, DECEMBER 15, 2011

ADDITIONAL DESIGN ELEMENTS

BIKEWAY DESIGN

INTERSECTION DESIGN

LOCAL TRANSIT

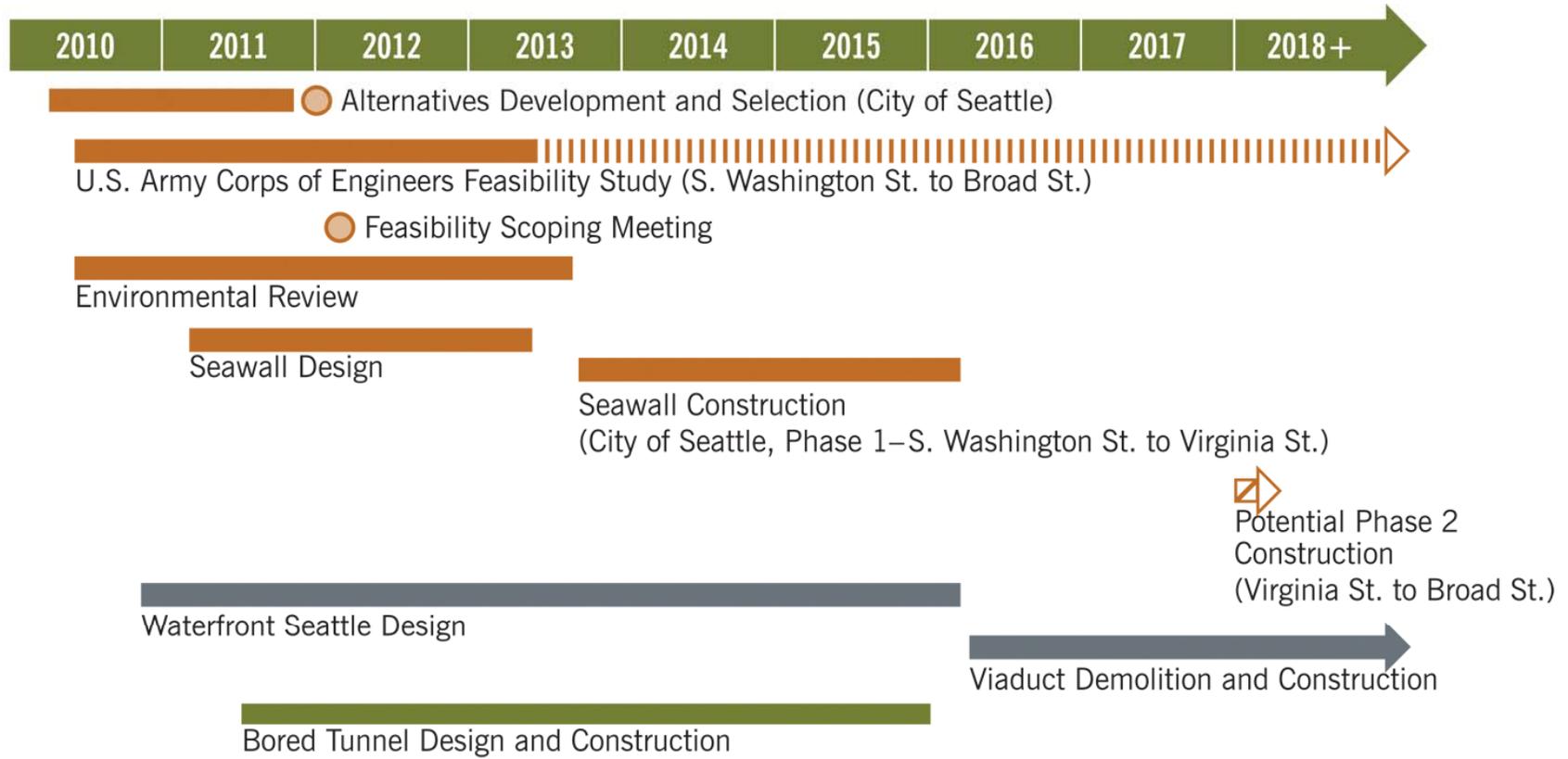
STORMWATER

SERVICE ACCESS

*What questions or comments
do you have about the
preliminary analysis or design?*

Elliott Bay Seawall Project Update

Project Schedule



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

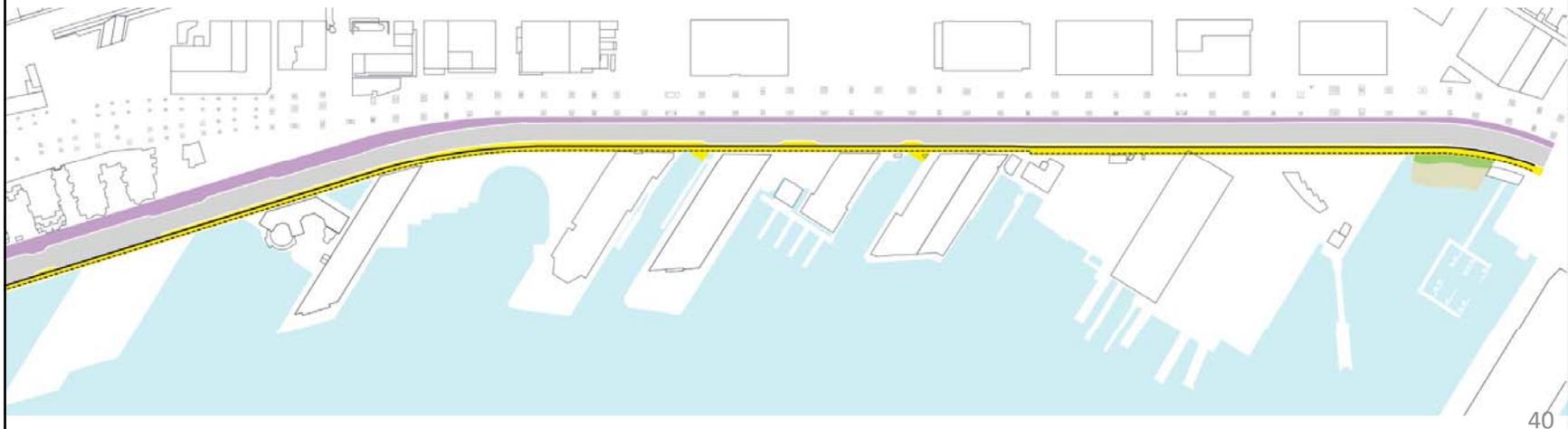
Exploring Parallel Process (City Goal: Construct 2013-2016)

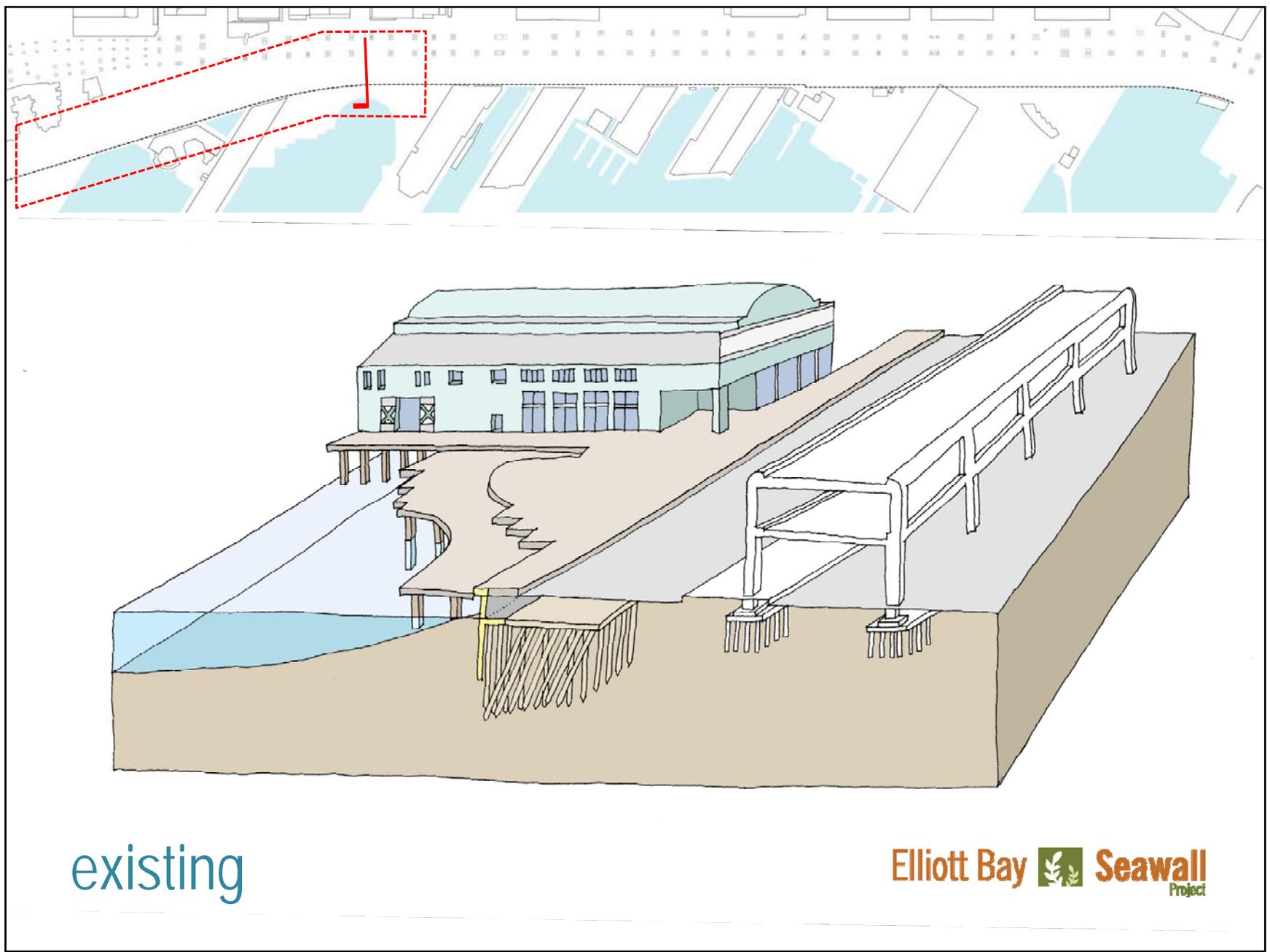
- Work with Regulatory branch to obtain in-water work permit for project to advance Phase 1 construction
- Advance construction of Phase 1 using local cost share
- Complete feasibility study with Planning branch and receive credit for City's Phase 1 investments

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Staff Recommended Alternative Features

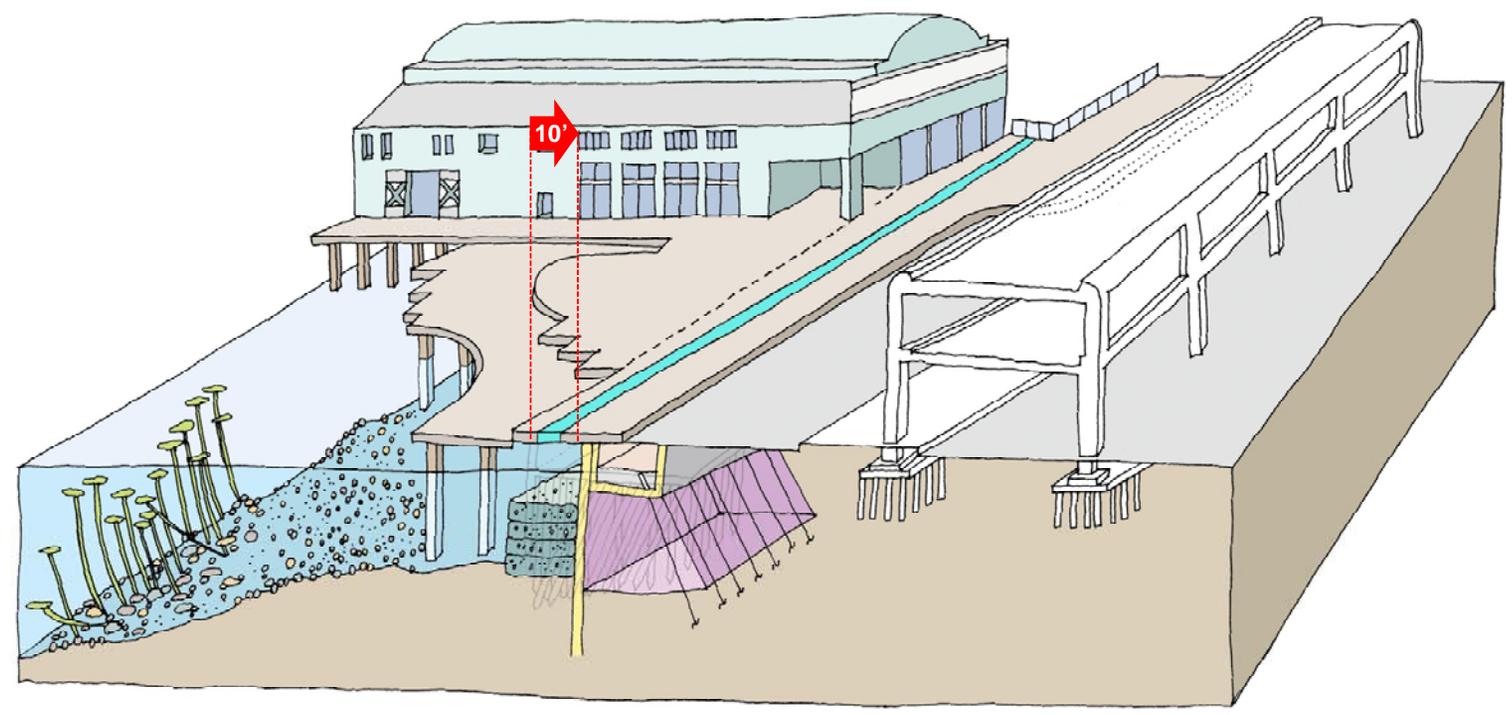
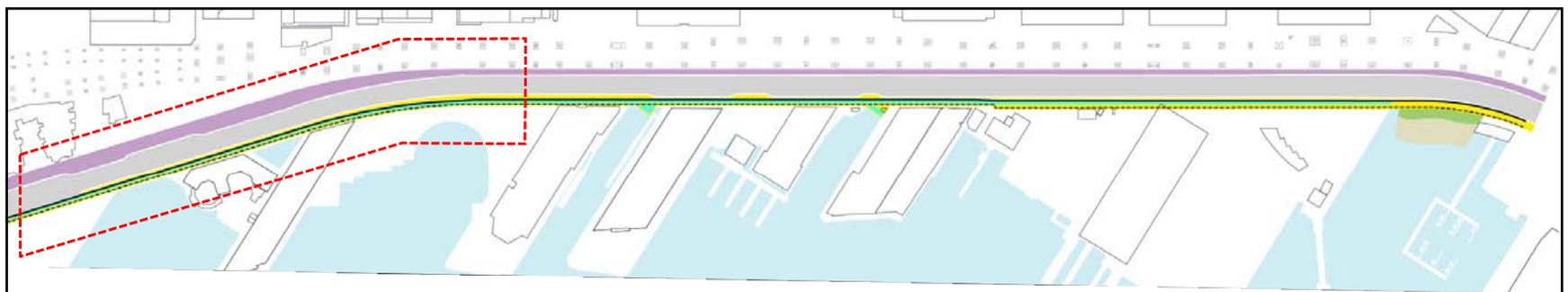
- Wall location: 10' – 15' inland
- Continuous migration corridor
- Jet grouting preferred
- Early program wins
- Cost estimate available in late March





existing

Elliott Bay  Seawall
Project



staff recommended alternative

Elliott Bay  Seawall Project

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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*Washington State Ferries
Update*



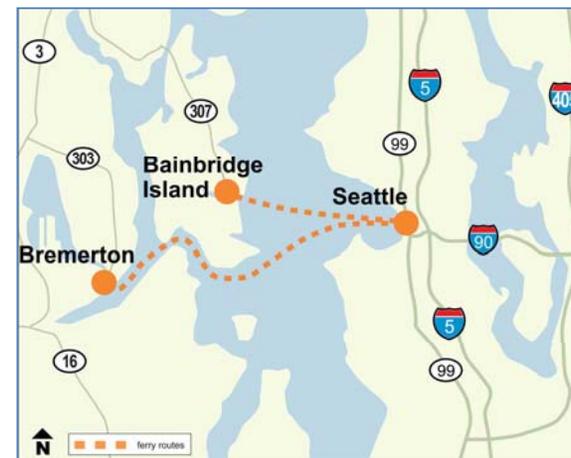
Washington State Ferries

Washington State
Department of Transportation

Seattle Multimodal Terminal at Colman Dock Project

Overview

- The Colman Dock facility supports transportation between downtown Seattle and communities in Kitsap County.
- The Seattle Ferry Terminal at Colman Dock is the largest terminal in the Washington State Ferries system.
- In 2011, Colman Dock served more than 8.5 million riders, including 4.2 million foot passengers.



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Washington State Ferries

Washington State
Department of Transportation

Seattle Multimodal Terminal at Colman Dock Project

Why is this project needed?

- Key components of Colman Dock are aging, deteriorating, and seismically deficient.
- The layout of today's facility results in safety concerns related to conflicts between vehicles and pedestrian traffic and operational inefficiencies.
- Ensuring continued safe and reliable ferry service between Seattle and Kitsap County is a priority.



A shipworm infestation in the North trestle.



Typical timber pile removed and replaced by WSF maintenance program.



Washington State Ferries

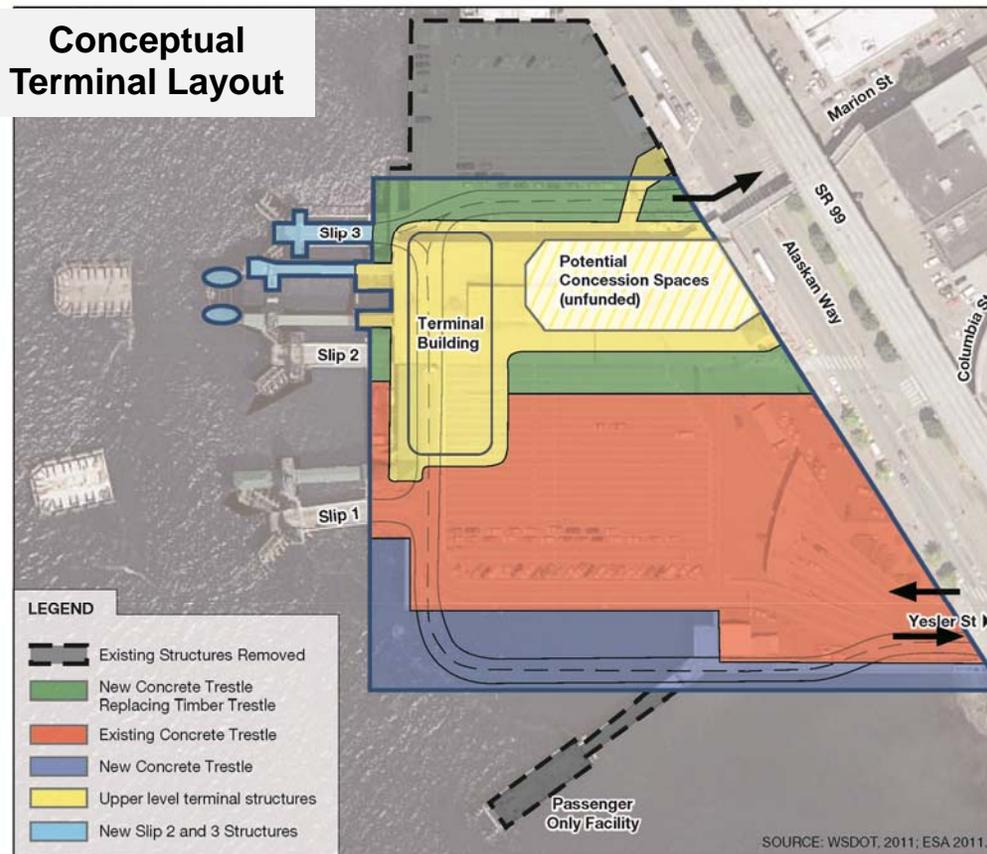
Washington State
Department of Transportation

Seattle Multimodal Terminal at Colman Dock Project

What are the key elements of the project?

- Replacing and re-configuring the timber trestle portion of the dock.
- Replacing the main terminal building.
- Reconfiguring the dock layout to provide safer and more efficient operations.
- Replacing the vehicle transfer span and the overhead loading structures of Slip 3.
- Replacing vessel landing aids for Slips 2 and 3.
- Replacing vessel landing aids for Slips 2 and 3.
- Maintaining connection to the Marion Street pedestrian overpass.
- Ensuring the project design does not preclude the city's future plans for public space above Colman Dock.

Conceptual Terminal Layout

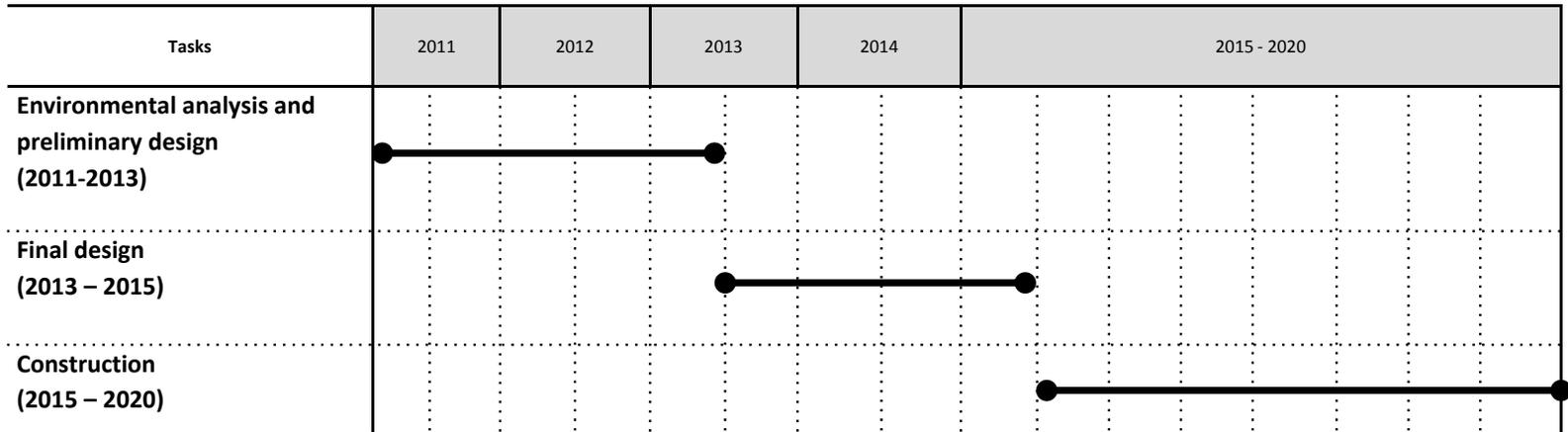


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Seattle Multimodal Terminal at Colman Dock Project

What is the project timeline?





Washington State Ferries

Washington State
Department of Transportation

Seattle Multimodal Terminal at Colman Dock Project

How can I learn more?

Public meeting

February 16 | 3:30 – 6:00 p.m.
Puget Sound Regional Council
Board Room
1101 Western Ave. Suite 500

Onboard outreach

February 8
Seattle-Bainbridge Island ferries
4:40, 5:30, & 6:20 p.m. sailings

February 9
Seattle-Bremerton ferries
4:20 & 5:30 p.m. sailings

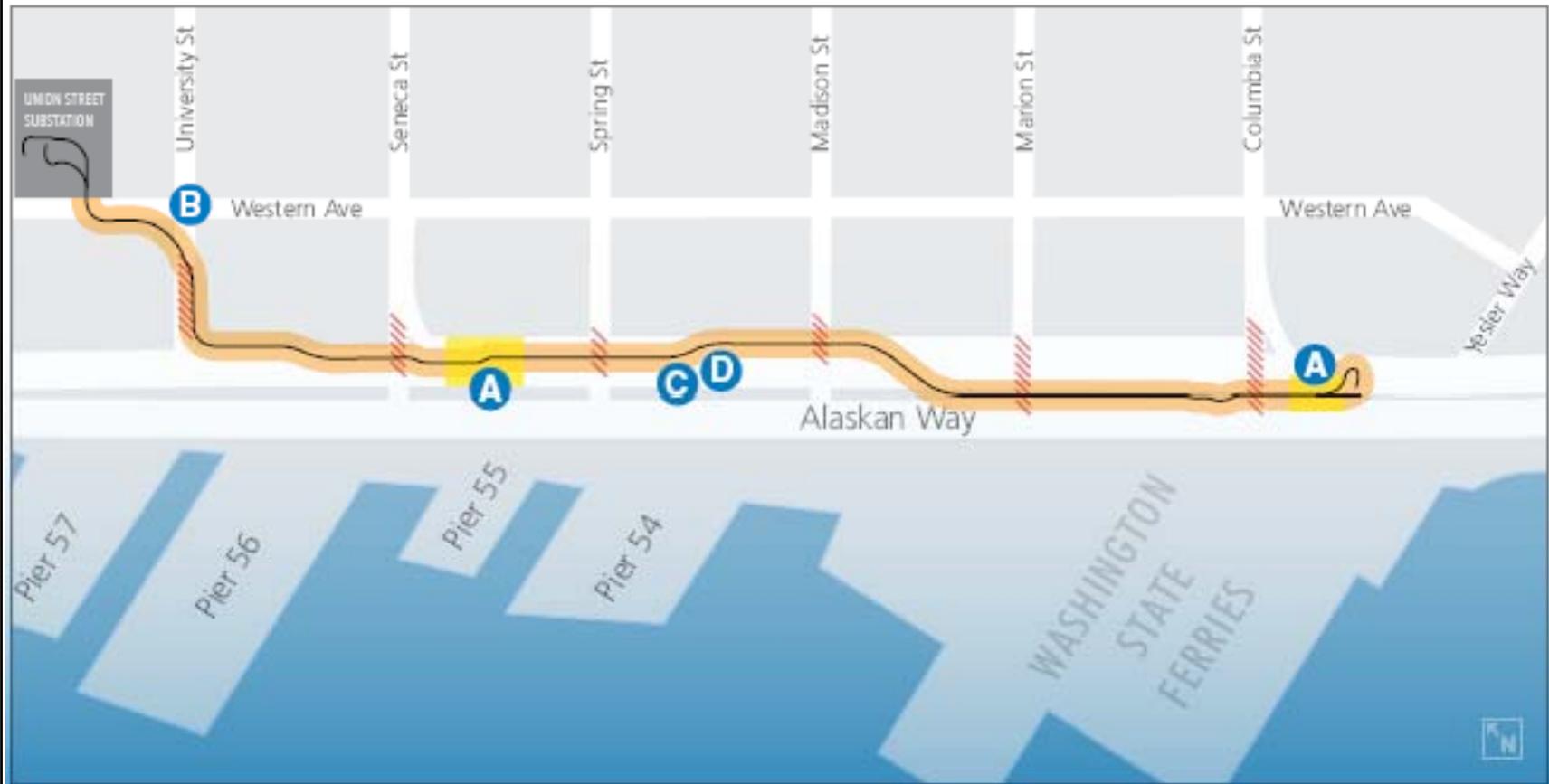
*Stop by the galley on
your evening commute
to learn more about the
project, ask questions
and provide comments.*

Online

www.wsdot.wa.gov/projects/ferries/colmanmultimodalterminal

Other Waterfront Project Updates

Seattle City Light Transmission Line Relocation Project



Work Underway: Columbia to Marion

- This week crews will continue to install dewatering systems between Columbia and Marion Streets
- Once the dewatering system is in place, crews will install the duct bank shoring in this block



Crews use a drill rig to install a dewatering system.

Work Underway: Throughout Project Area

- Project-wide, crews are removing pavement to prepare to install duct banks
- There are now four crews working on the project, six days a week, Monday through Saturday.
- Outside of long-term storage areas, there are intermittent on-street parking closures beneath the viaduct to ensure a safe working environment



Crews saw-cut the pavement before removing it to prepare to install duct bank.

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 work for buildings and structures
- Begin building tunnel boring machine launch pit
- Begin building south operations building



Detour beneath the Alaskan Way Viaduct near Pioneer Square.

AWV Parking Impacts Group

2011 holiday parking mitigation strategies:

- Added short-term parking at Pier 48
- Marketed local businesses and parking facilities through “Your Spot Is Here”
- Installed wayfinding signs along the waterfront
- Partnered with private parking facilities for lower short-term parking rates
- Utilized the Integrus building for staging and project offices for the transmission line project



AWV Parking Impacts Group

Continue to meet and discuss mid- and long-term strategies and reach agreement on plan in mid-2012:

- Connect existing parking facilities to waterfront and Pioneer Square via shuttle
- Buy, lease, or build a new parking facility
- Partner with private facilities to make more short-term spaces available
- Expand the e-Park program
- Continue marketing program



Stakeholder Once Around

*What additional feedback do
you have for the project
teams?*

Public Comment

Next Steps and Action Items

Next Meeting

Central Waterfront Stakeholders Group Meeting #8
March 14, 2012
5:15-7:15 p.m.
Seattle City Hall, Bertha Knight Landes Room

2012 Meeting Dates

**Meetings are the second Wednesday of every other month
from 5:15 – 7:15 p.m.**

March 14, 2012

Seattle City Hall, Bertha Knight Landes Room

May 9, 2012

Seattle City Hall, Bertha Knight Landes Room

July 11, 2012

Seattle City Hall, Bertha Knight Landes Room

September 12, 2012

Seattle City Hall, Bertha Knight Landes Room

November 14, 2012

Seattle City Hall, Bertha Knight Landes Room

Actions and Contact Information

Elliott Bay  Seawall
Project

Jennifer Wieland, Project Manager

Phone: 206-733-9970

Web: <http://www.seattle.gov/transportation/seawall.htm>

Email: seawall@seattle.gov

Waterfront
Seattle.org

Steve Pearce, Project Manager

Phone: 206-684-8371

Web: <http://www.waterfrontseattle.org>

Email: info@waterfrontseattle.org