Alaskan Way Viaduct & Seawall Replacement Program



Seattle Design Commission January 21, 2010









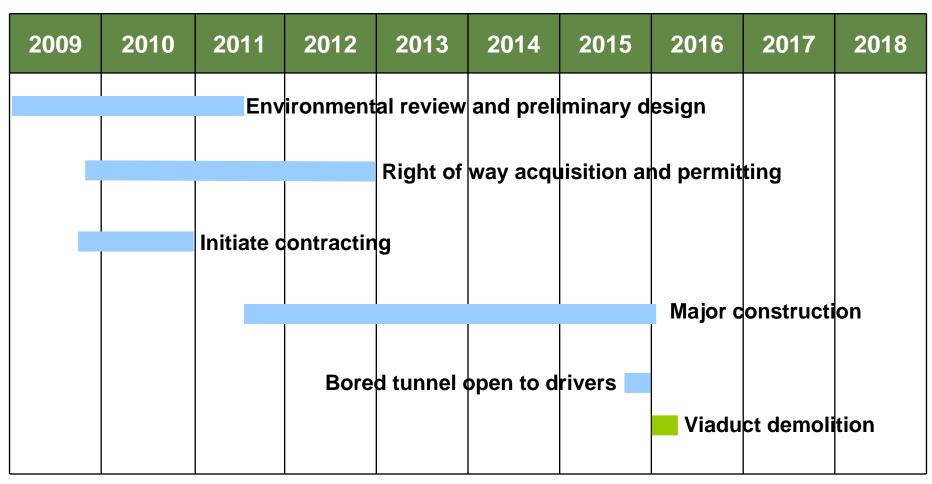


Design Team Members

WSDOT and SDOT have brought on world-class architecture firms to aid in the design of the proposed bored tunnel. The team includes:

- NBBJ
- PB Architects
- ROMA Design Group

Proposed Bored Tunnel Timeline*

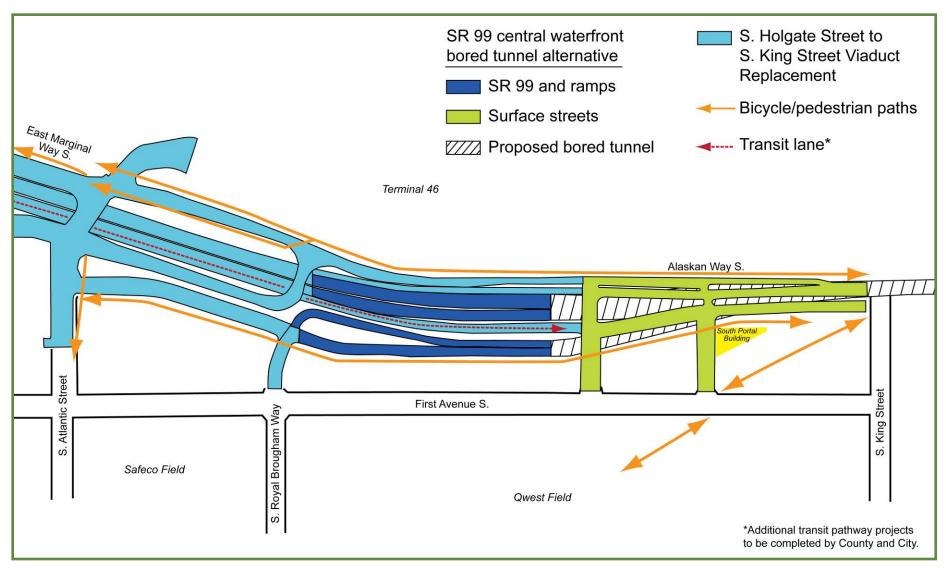


^{*}Assumes Record of Decision (ROD) for the bored tunnel alternative is issued in 2011.

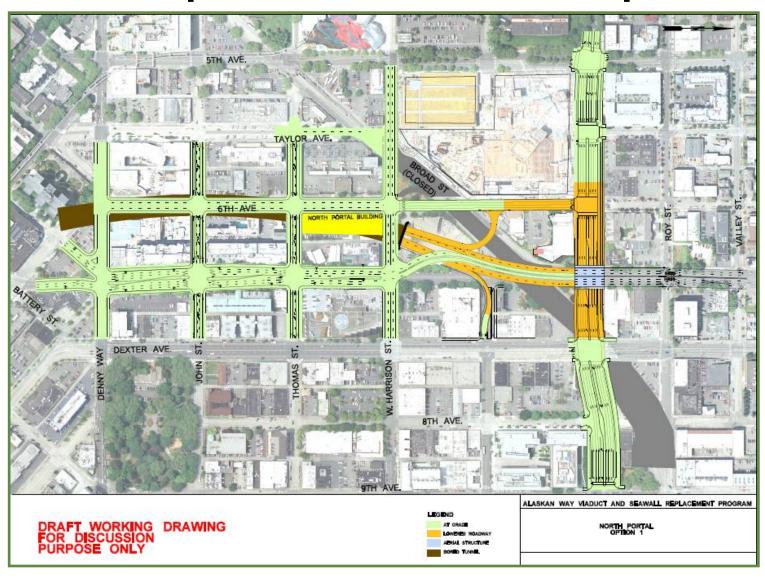
New Proposed SR 99 Bored Tunnel Alignment

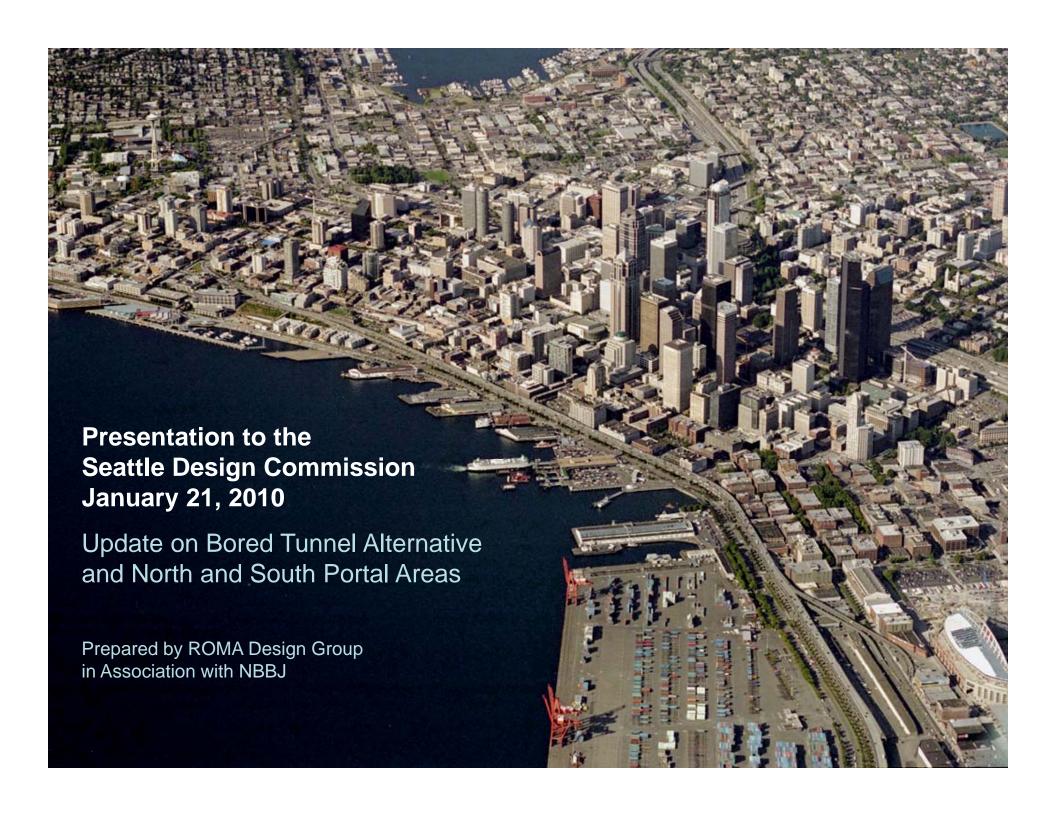


New Proposed South Portal

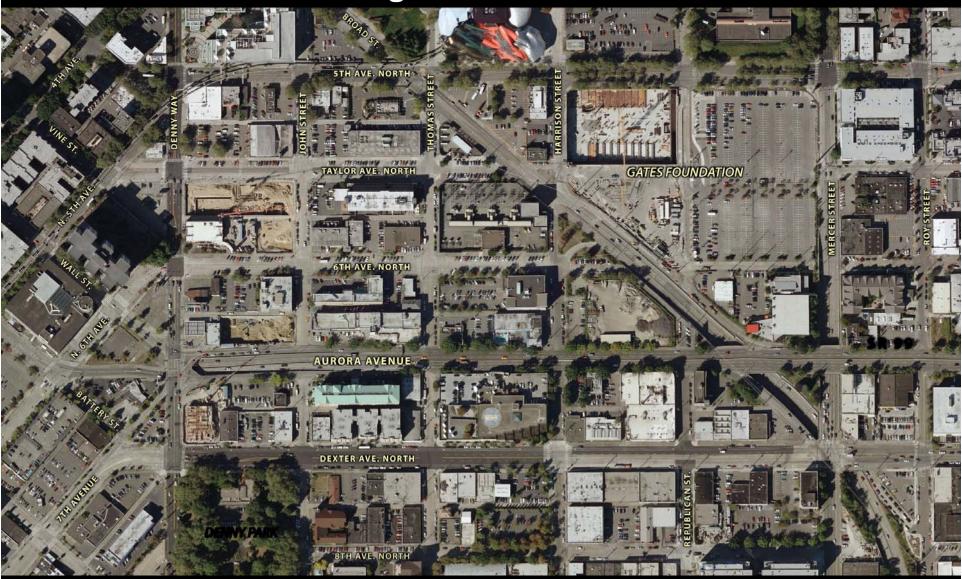


New Proposed North Portal – Option 1





Existing North Portal Area



NORTH PORTAL

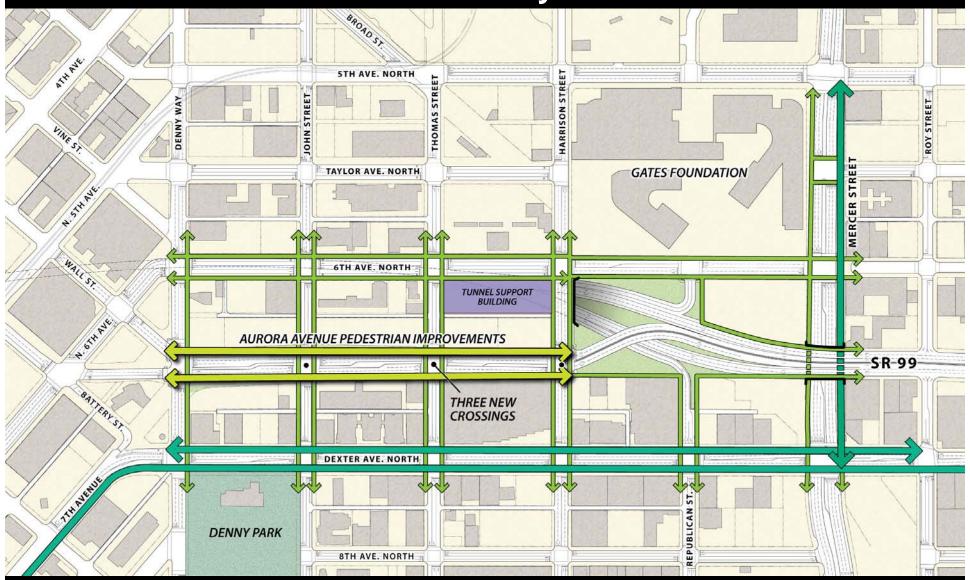
Elements 5TH AVE. NORTH THOMAS STREET JOHN MERCER STREET **GATES FOUNDATION** TAYLOR AVE. NORTH 6TH AVE. NORTH TUNNEL SUPPORT BUILDING SR 99 AURORA AVENUE THREE NEW CROSSINGS DEXTER AVE. NORTH UBLICAN **DENNY PARK** 8TH AVE. NORTH

NORTH PORTAL: OPTION 1

Elements 5TH AVE. NORTH HARRISON STREET THOMAS STREET JOHN STREET WAY MERCER STREET GATES FOUNDATION TAYLOR AVE. NORTH 6TH AVE. NORTH TUNNEL SUPPORT BUILDING SR 99 AURORA AVENUE THREE NEW CROSSINGS DEXTER AVE. NORTH **DENNY PARK** 8TH AVE. NORTH

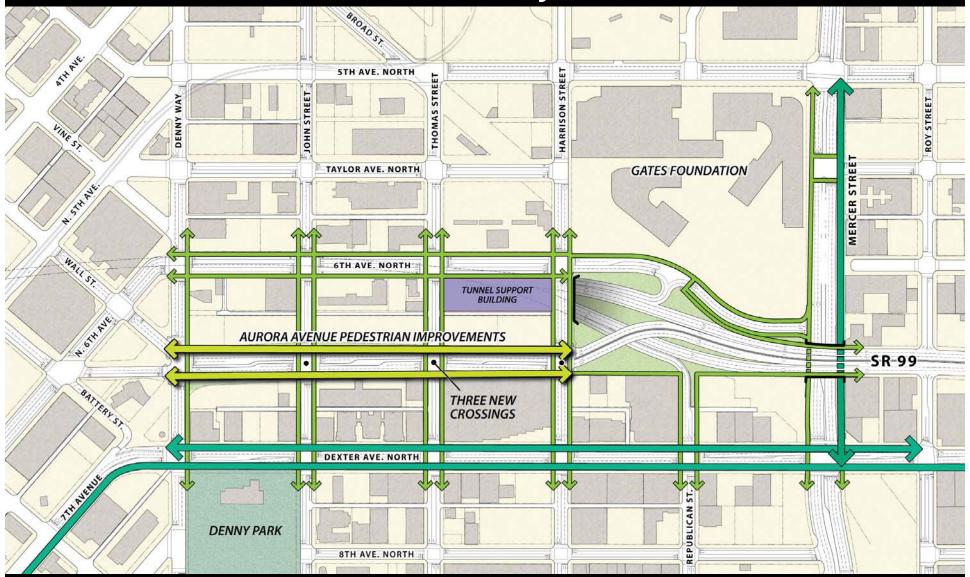
NORTH PORTAL: OPTION 2

Pedestrian and Bicycle Access



NORTH PORTAL: OPTION 1

Pedestrian and Bicycle Access



NORTH PORTAL: OPTION 2

Transit Access 5TH AVE. NORTH NHO **GATES FOUNDATION** TAYLOR AVE. NORTH STREET **6TH AVE. NORTH** TUNNEL SUPPORT BUILDING TRANSIT PRIORITY TREATMENT SR-99 **AURORA AVENUE** DEXTER AVE. NORTH UBLICAN **DENNY PARK** 8TH AVE. NORTH

NORTH PORTAL: OPTION 1

Transit Access 5TH AVE. NORTH THOMAS STREET NHOC TAYLOR AVE. NORTH **GATES FOUNDATION** MERCER STREET 6TH AVE. NORTH TUNNEL SUPPORT BUILDING TRANSIT PRIORITY TREATMENT SR-99 AURORA AVENUE DEXTER AVE. NORTH UBLICAN **DENNY PARK** 8TH AVE. NORTH

NORTH PORTAL: OPTION 2





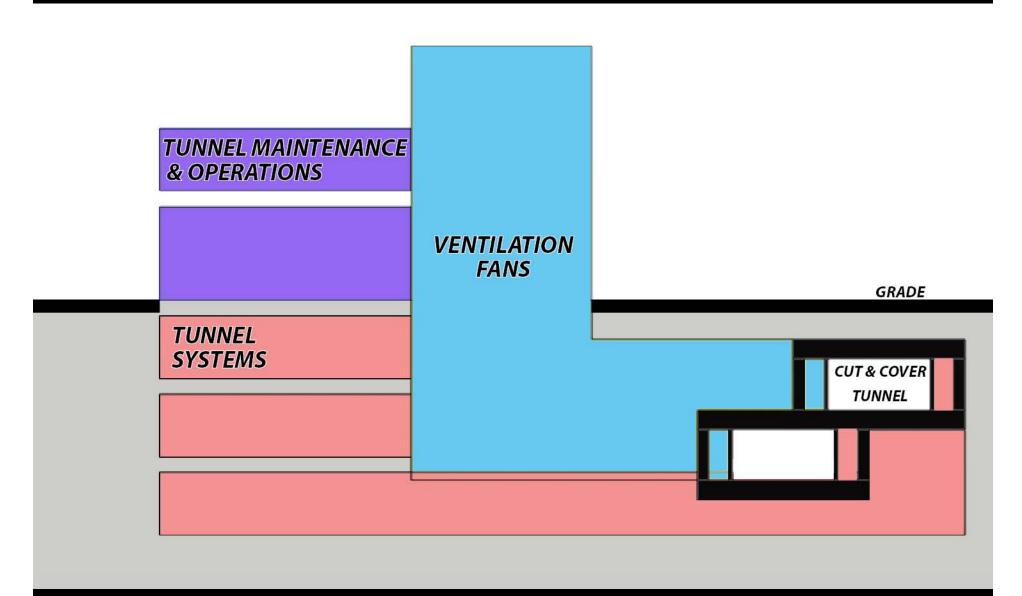
Tunnel Support Buildings

PROGRAM FUNCTIONS:

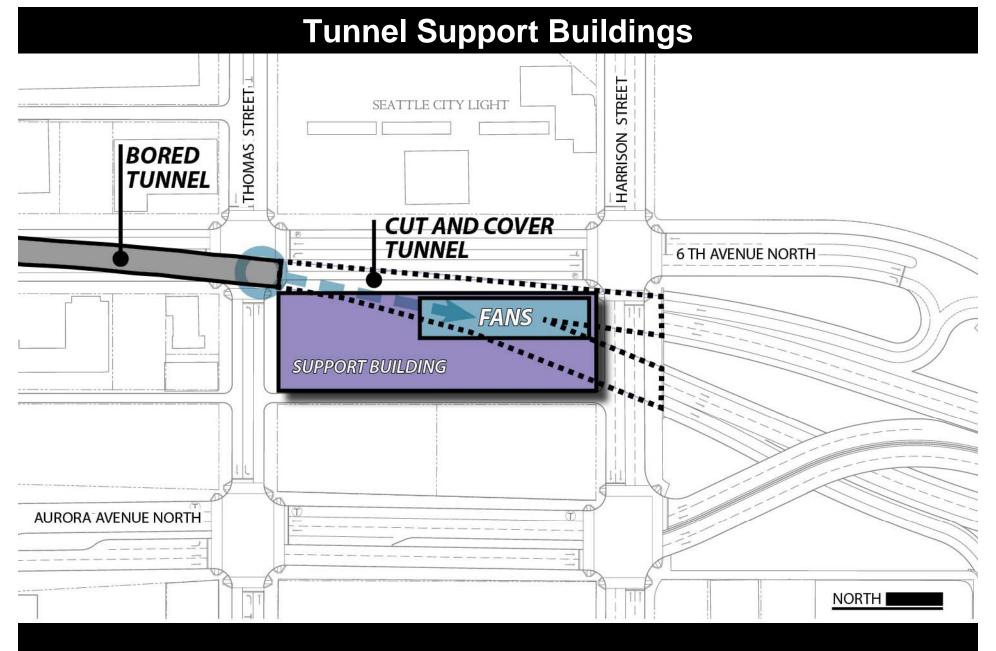
- EMERGENCY VENTILATION; 4-5 FANS
- ELECTRICAL SYSTEMS AND EQUIPMENT
- MAINTENANCE FACILITIES WITH PARKING
- OPERATIONAL BACKUP AND SYSTEMS MONITORING

Support Building Functions

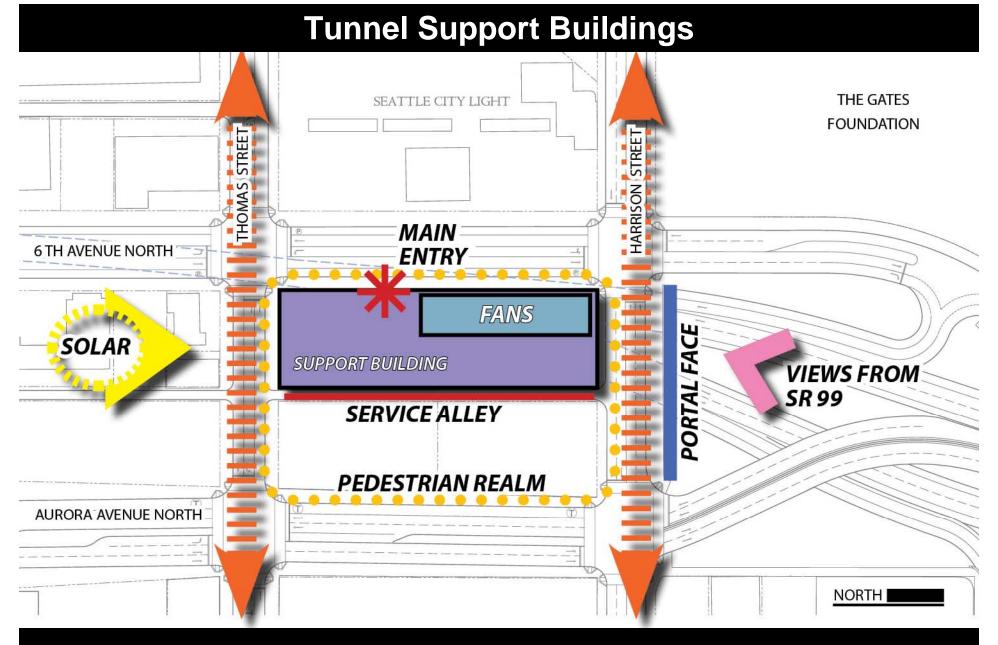
Tunnel Support Buildings



Support Building Section

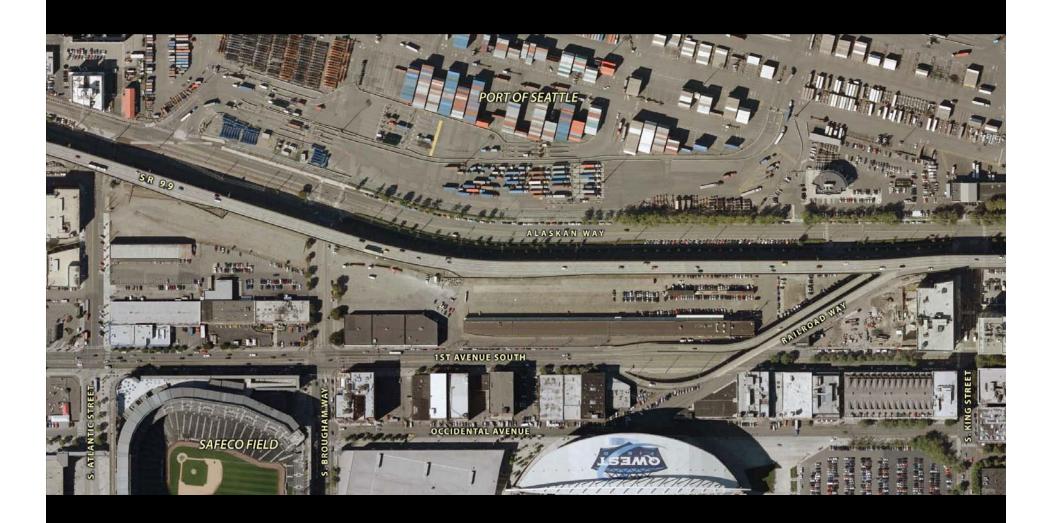


North Site Location



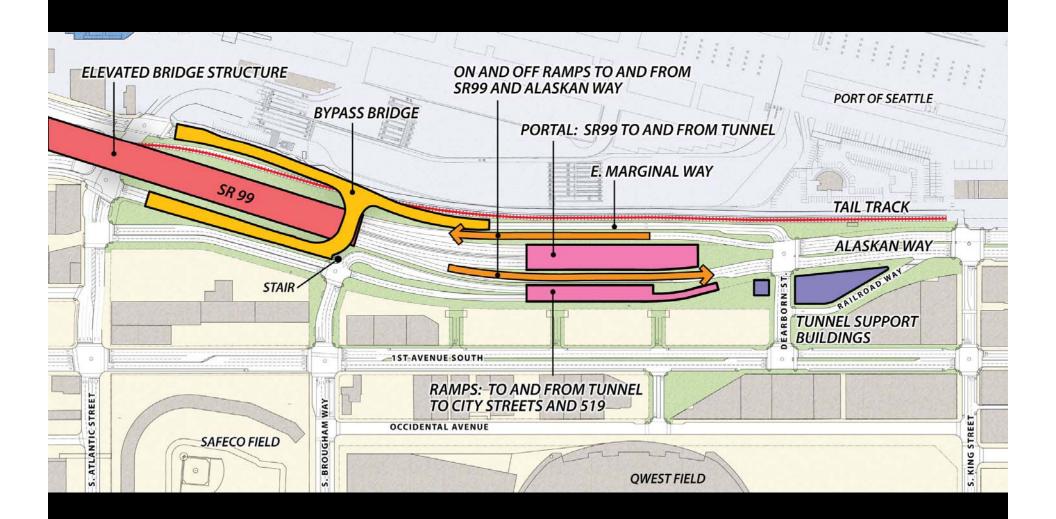
North Site Design Influences

Existing South Portal Area



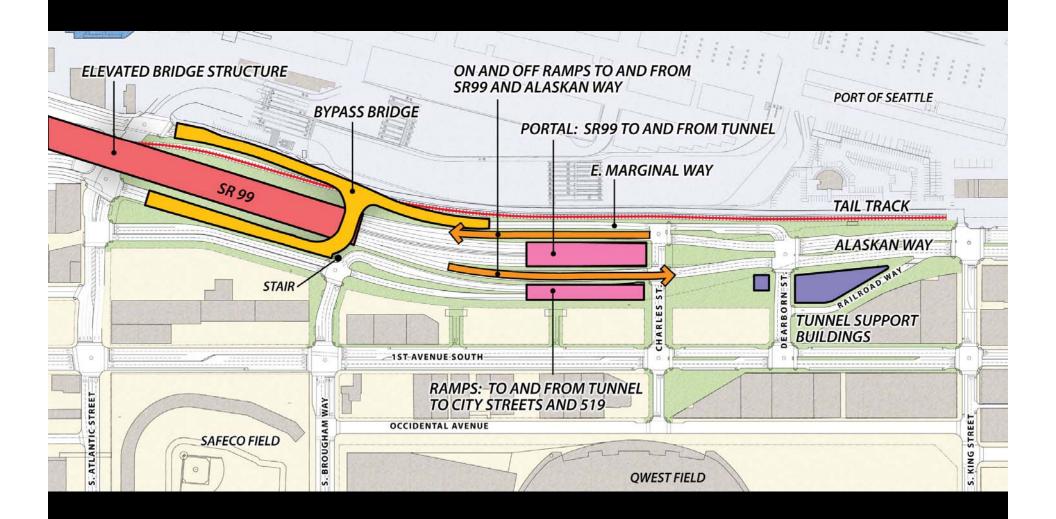
SOUTH PORTAL

Elements



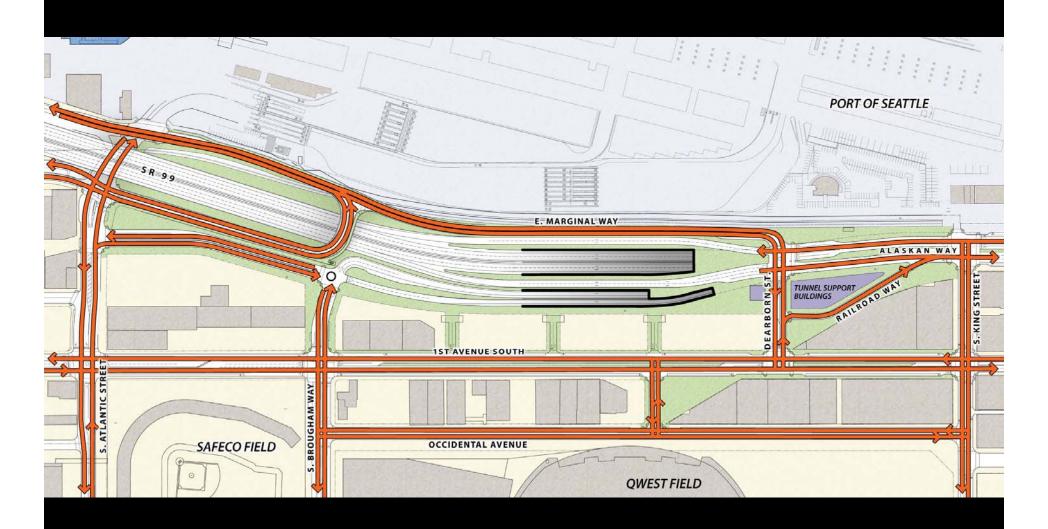
SOUTH PORTAL: OPTION 1

Elements



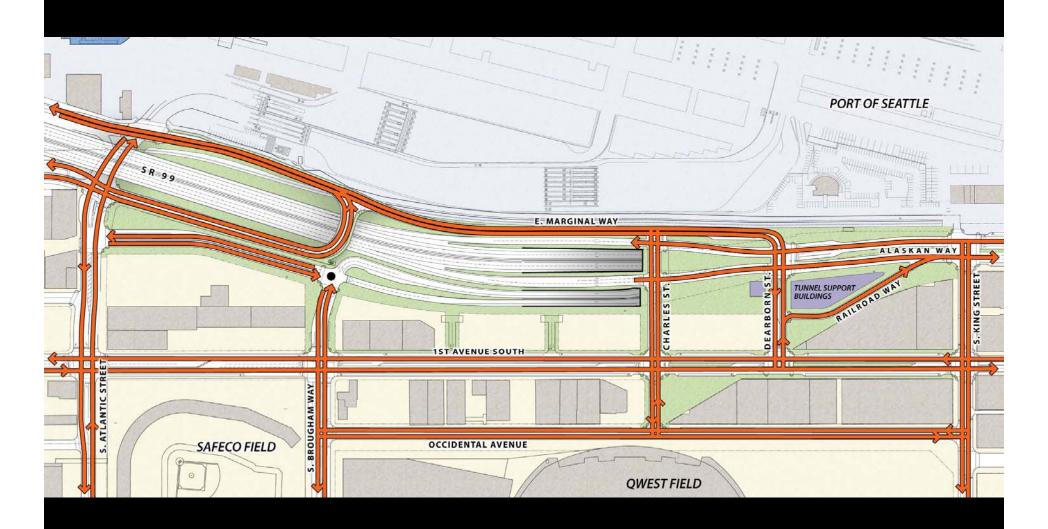
SOUTH PORTAL: OPTION 2

City Streets



SOUTH PORTAL: OPTION 1

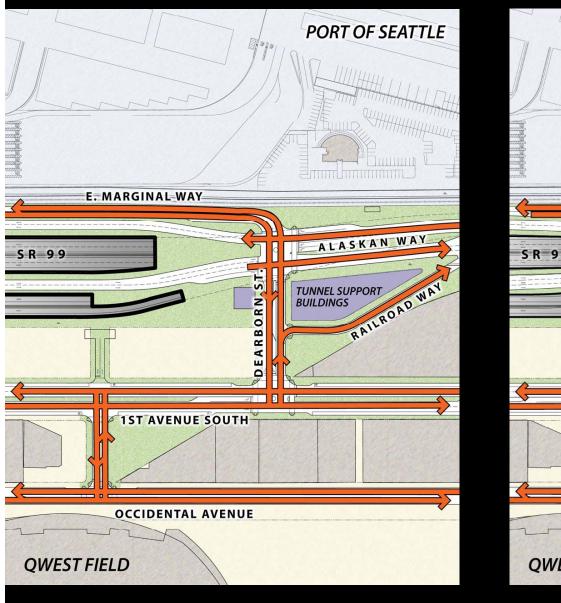
City Streets

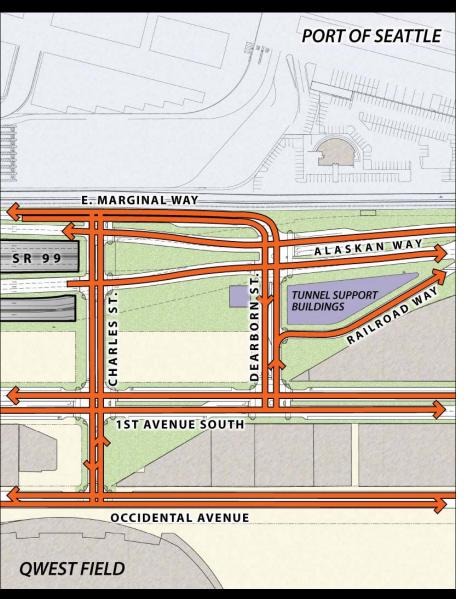


SOUTH PORTAL: OPTION 2

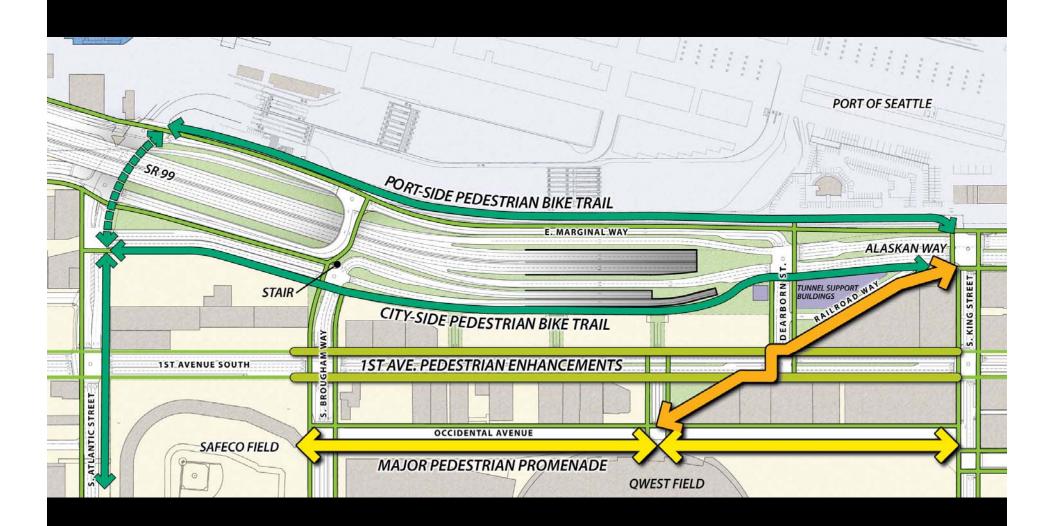
Comparison

OPTION 1 OPTION 2



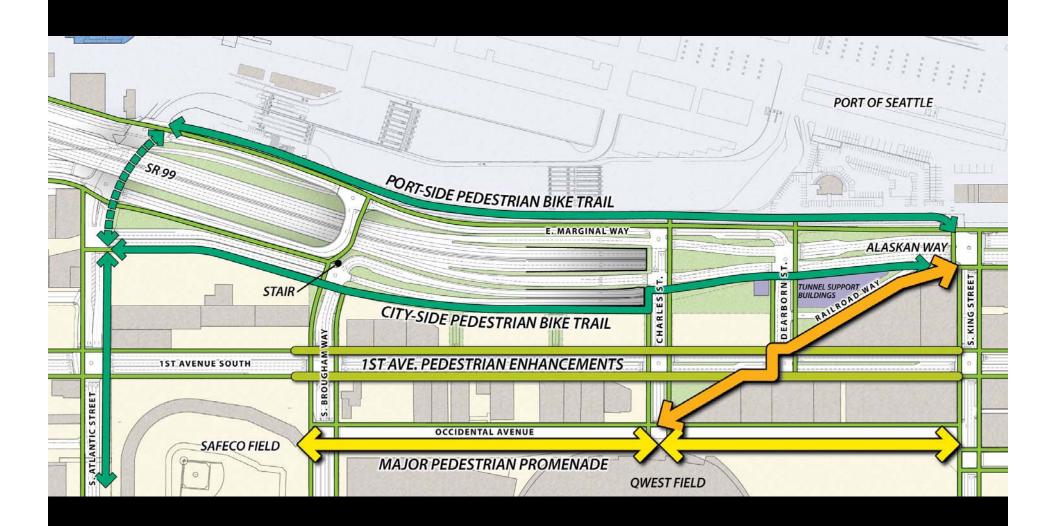


Pedestrian and Bicycle Access



SOUTH PORTAL: OPTION 1

Pedestrian and Bicycle Access



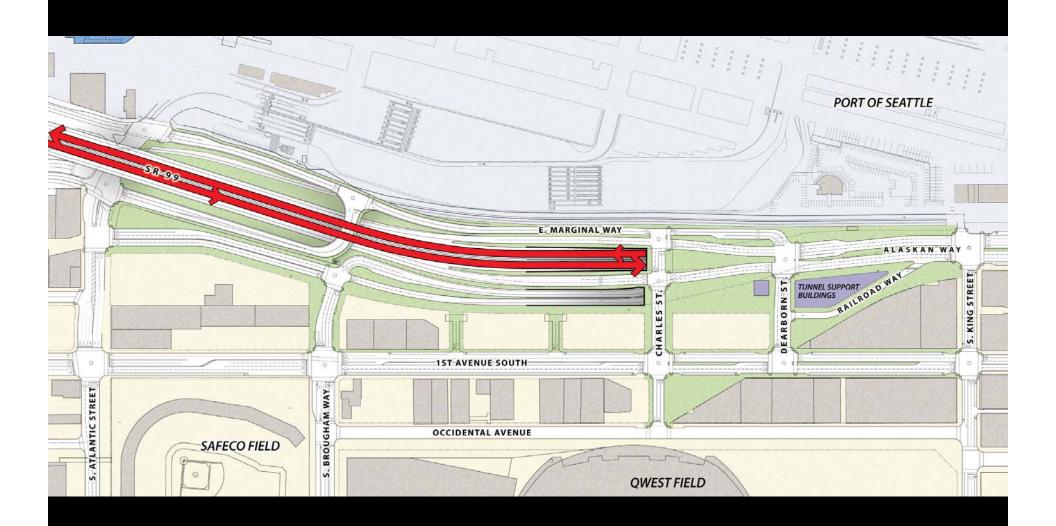
SOUTH PORTAL: OPTION 2

Circulation: SR-99 Tunnel



SOUTH PORTAL: OPTION 1

Circulation: SR-99 Tunnel



SOUTH PORTAL: OPTION 2

Tunnel to City Streets and 519



SOUTH PORTAL: OPTION 1

Tunnel to City Streets and 519



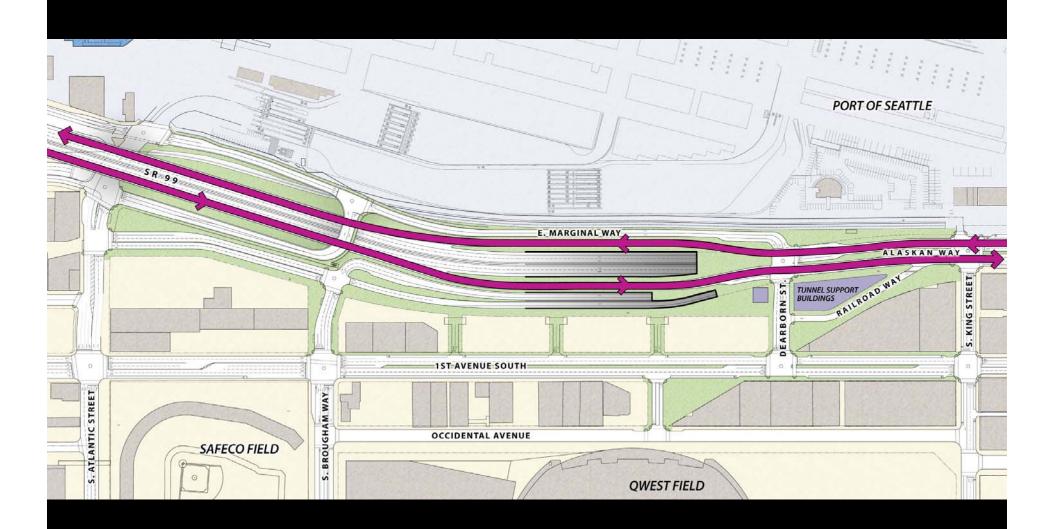
SOUTH PORTAL: OPTION 2

Conceptual Section at Tunnel Entrance



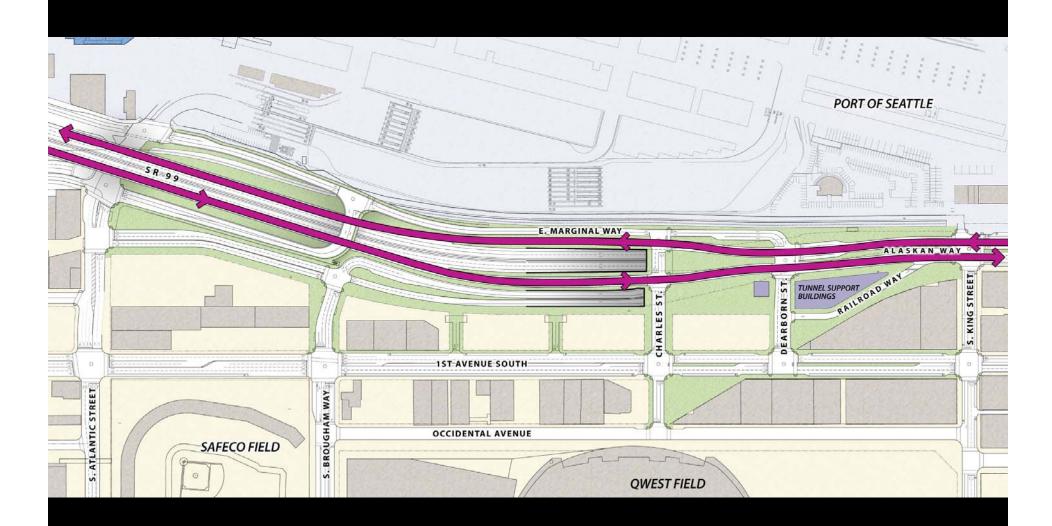
SOUTH PORTAL

Circulation: SR-99 to Alaskan Way



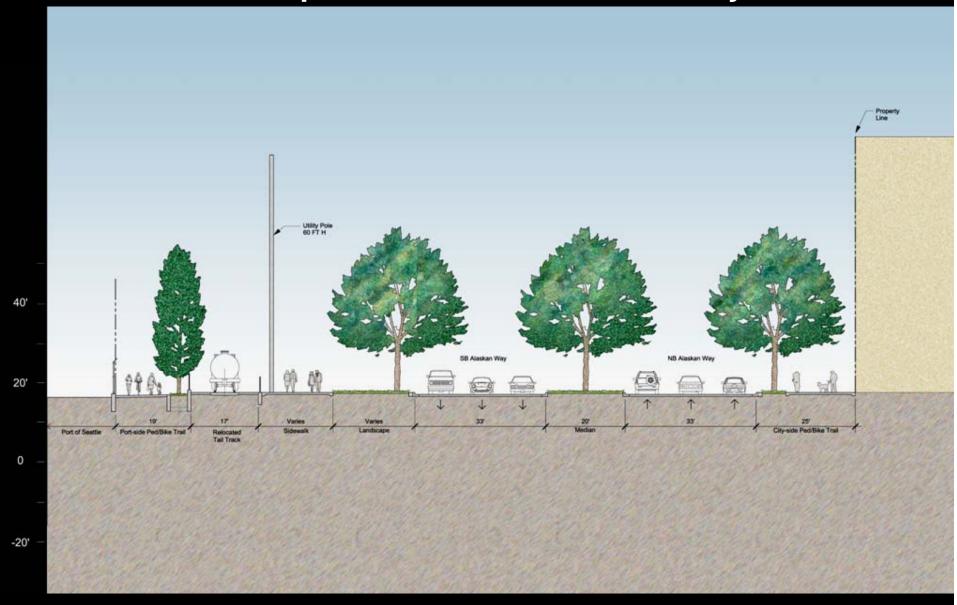
SOUTH PORTAL: OPTION 1

Circulation: SR-99 to Alaskan Way



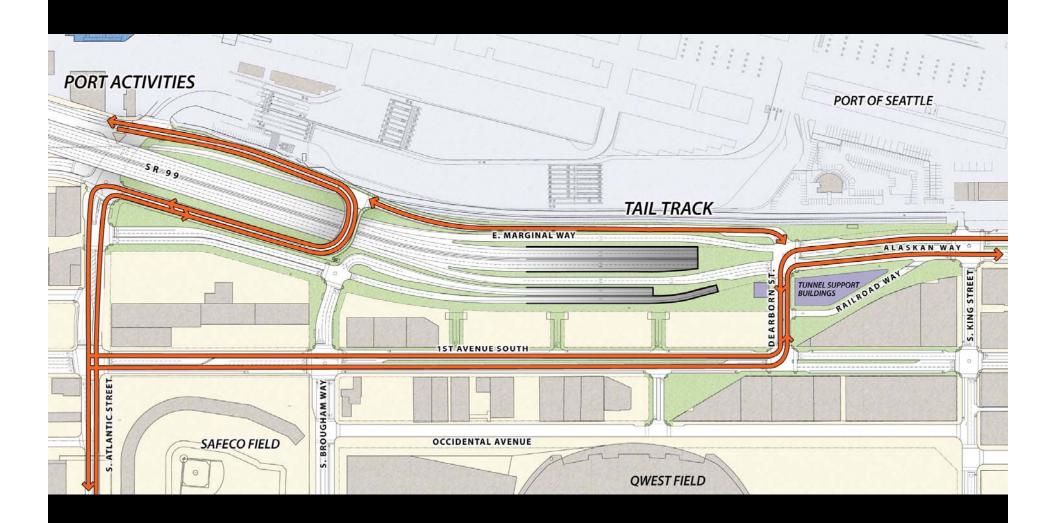
SOUTH PORTAL: OPTION 2

Conceptual Section of Alaskan Way



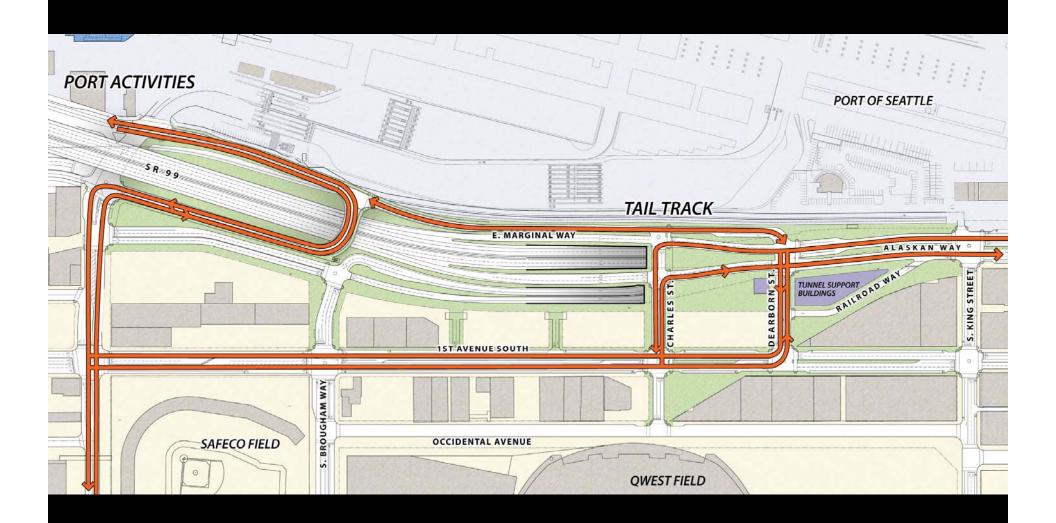
SOUTH PORTAL

Circulation to and from 519



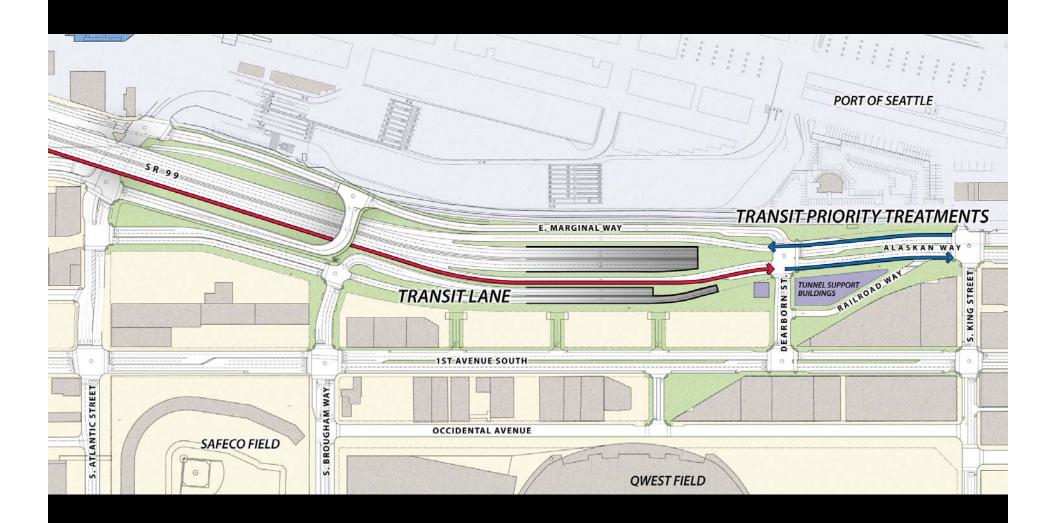
SOUTH PORTAL: OPTION 1

Circulation to and from 519



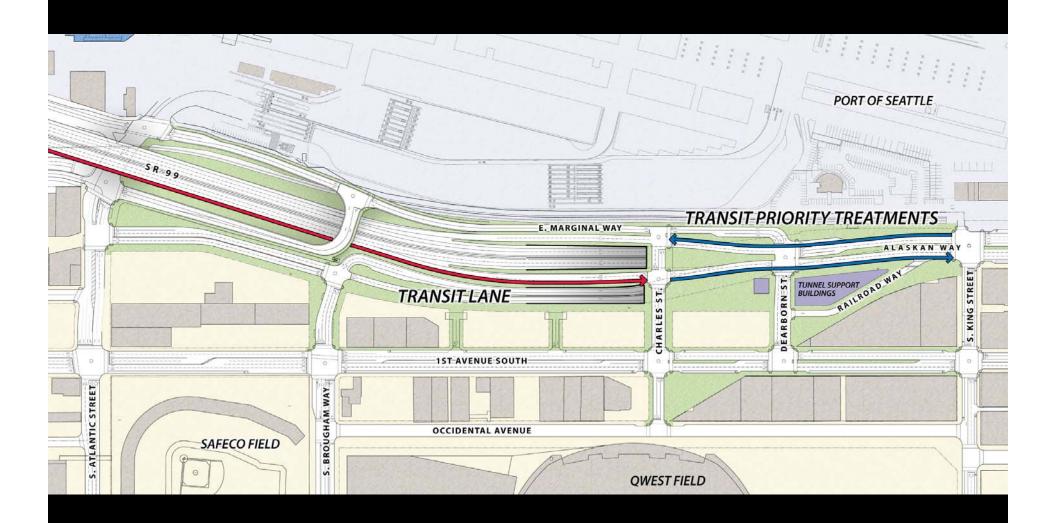
SOUTH PORTAL: OPTION 2

Transit Access



SOUTH PORTAL: OPTION 1

Transit Access



SOUTH PORTAL: OPTION 2

Opportunity Areas

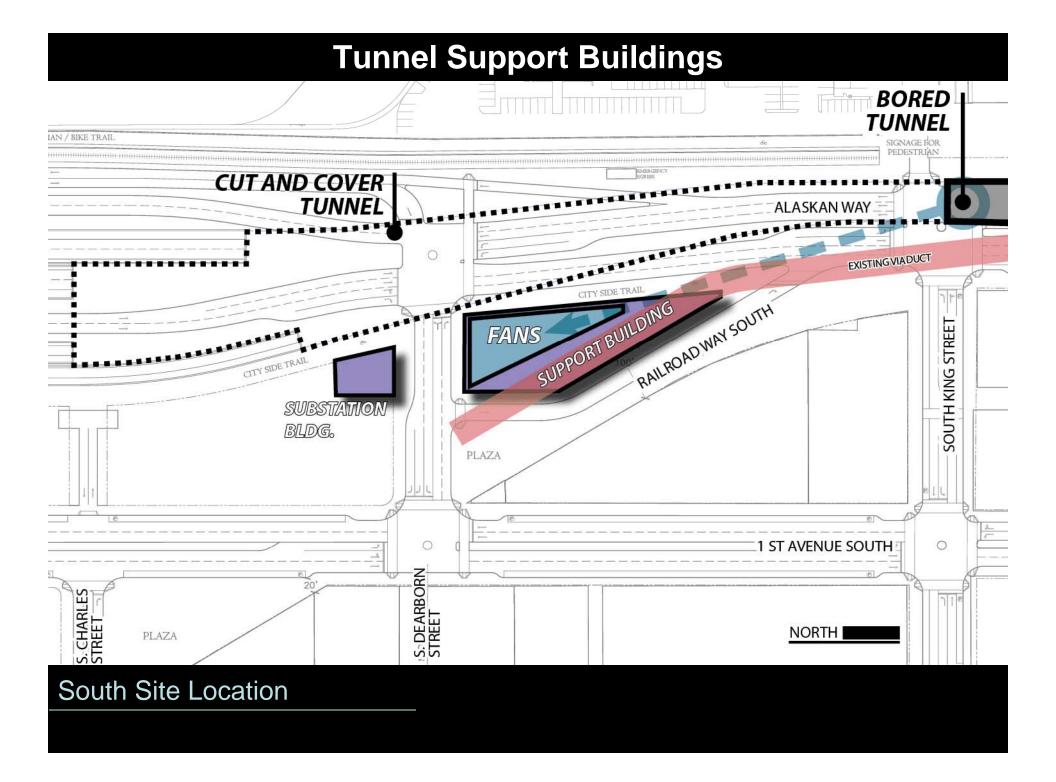


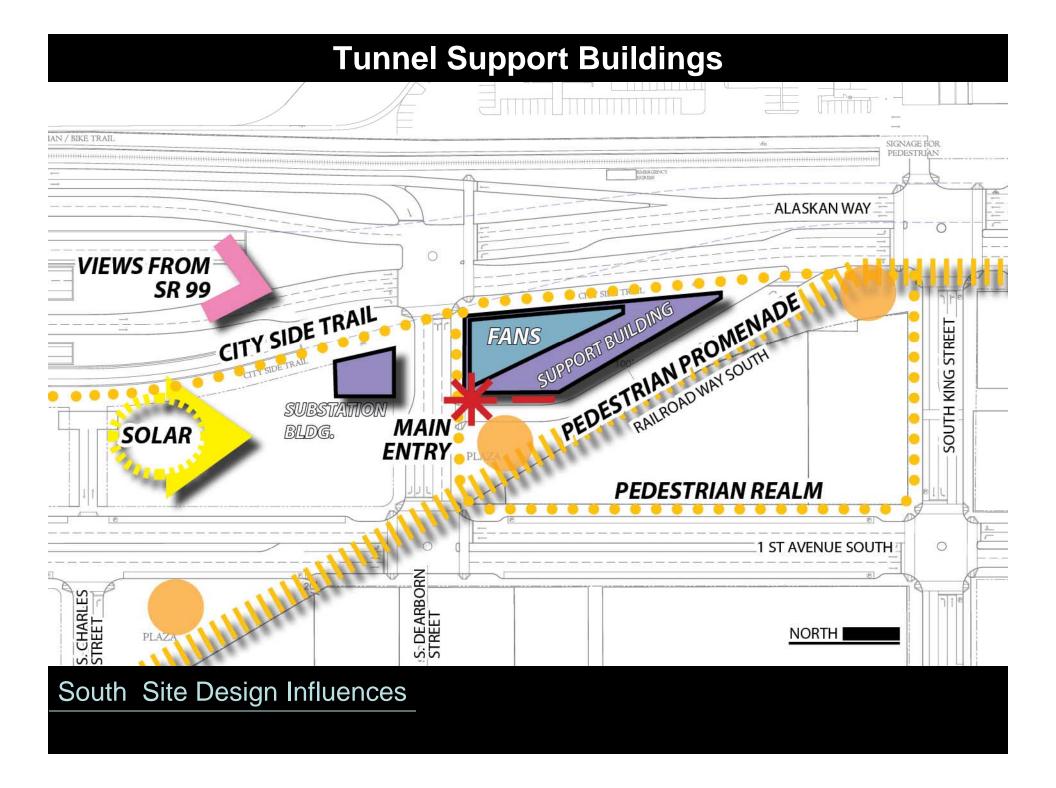
SOUTH PORTAL: OPTION 1

Opportunity Areas



SOUTH PORTAL: OPTION 2

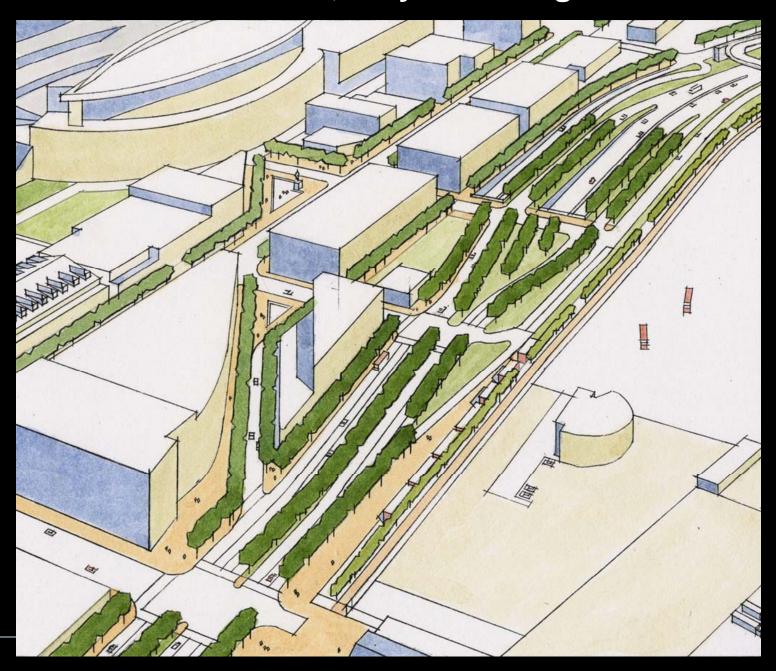




Overview of South Portal Area



Pedestrian, Bicycle Linkages



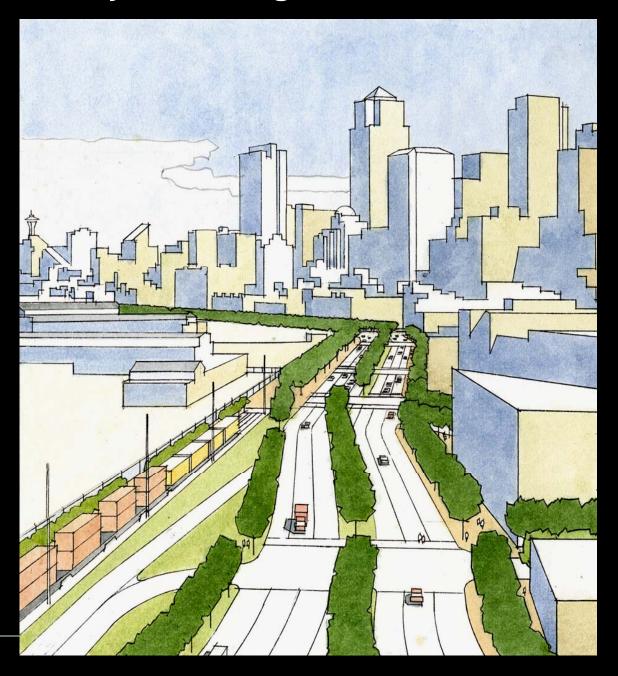
Gateway to Downtown



Portal Entrance to Tunnel and Ramps to City



Alaskan Way – Entering the Downtown Waterfront



Proposed SDC Meeting Schedule

January	<i>/</i> 21:	Seattle	e Desia	n Co	ommissioı	1
			_			

- Introduction and Update
- Urban Design Goals and Objectives
- Functional plans for portal areas
- Preliminary observations of issues and opportunities

February 18: Seattle Design Commission • Guiding Principles and Preliminary Concepts

- Potential treatment of ramps, bridges, portals, support buildings, streets and public ways

March 4: SDC Subcommittee

• Concept refinement in response to input

March 18: Seattle Design Commission

- Further update of principles and concepts
- · Preliminary guidelines for components and treatments

March 31: SDC Subcommittee

· Refinement of guidelines for components and treatments in response to input

April 15: Seattle Design Commission

• Final presentation of goals and objectives, principles and concepts and visual design guidelines