Presentation to the
Seattle Design Commission
March 18, 2010
North and South Portal Areas and the Tunnel Operations Buildings

Prepared by ROMA Design Group and NBBJ
Agenda

January 21st
Bored Tunnel Realignment
Update of South & North Portal Alternatives
Goals & Objectives

February 18th
Response to Comments
Focus on Tunnel Operations Building

March 18th
• South Portal Concepts
• Railroad Way South Concepts
• South Tunnel Operations Building
• North Tunnel Operations Building
• North Portal Concepts

April 15th
Components & Treatments
SOUTH PORTAL: OPTION D-1A

Alaskan Way Viaduct Replacement Project

Prepared for Washington State Department of Transportation and City of Seattle by ROMA Design Group

MARCH 24, 2010
Alaskan Way Viaduct Replacement Project

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SOUTH PORTAL: VIEW FROM NORTHWEST, OPTION D-3

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March 24, 2010
Existing South Portal Area
The Tunnel Operations Building Design Principles:

- express their purpose & reveal their primary functions
- be simple, durable & unapologetically industrial
- be massed & proportioned in relation to their context
- enhance their surroundings & reflect pedestrian scale
- relate as part of the same project, more alike than different
- be designed as part of the portal experience
- act as urban beacons to reinforce the sense of arrival
- incorporate/express sustainable practices
South Immediate Context
Design Evolution
Inspiration
South Tunnel Operations Building - view looking southeast
South Tunnel Operations Building - view looking northeast
North Immediate Context
North Tunnel Operations Building - view looking southeast
Challenges

Arrival Experience
Street Level Experience
Design Integration of Landscape & Built Environment
Issues

Roadways in Flux
Need to Buffer & Protect Pedestrians
Clearances at Openings (horizontal & vertical)
Structural Support of Portal Faces
Structural Support of Off-Ramps
Limitation of Access
Plant Material Restrictions
Maintenance
Precepts

Forest & Stream
Embrace & Frame Openings
Emphasize Asymmetry
Relate to Operation Building
Light Transition
Integration of Water Retention
Plant for Seasonal Change
Exploration

BORED TUNNEL ALTERNATIVE ALASKAN WAY VIADUCT FUNCTIONAL DIAGRAM
Exploration
Models presented at Meeting
Models presented at Meeting
Models presented at Meeting
Models presented at Meeting