Appendix W
Alternatives and Options Drawings

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Alaskan Way Viaduct & Seawall Replacement Project

ALTERNATIVES AND OPTIONS

In Support of the Draft Environmental Impact Statement
March 31st, 2004

REBUILD
AERIAL
TUNNEL
BYPASS TUNNEL
SURFACE

NOTICE
The information contained in these figures represents conceptual plans prepared in support of an Environmental Impact Statement. The information herein is subject to change and/or revision and is not intended for construction.
CROSS-SECTION H FROM FIGURE R-19
SEAWALL REBUILD AT EXISTING GRAVITY SEAWALL
CROSS-SECTION J FROM FIGURE R-19
SEAWALL REBUILD AT TYPE A RELIEVING PLATFORM
South
S. Spokane to S. King

3 LANES SB AT GRADE
3 LANES NB ON RETAINED FILL
E. Marginal Way S.

3 LANES EACH WAY
SIDE-BY-SIDE BRIDGE

3 LANES EACH WAY
TWO LEVEL BRIDGE
NB OVER SB
E. Marginal Way S.

Existing Railroad Tracks

New Railroad Tracks

BNSF SIG Rail Yard

NB Off-Ramp
To S. Atlantic And
S. Royal Brougham

A - See Figure A-13

SCALE: 1" = 100'
CROSS-SECTION A FROM FIGURE A-02
CROSS-SECTION F FROM FIGURE A-07
WEST PORTAL JET FAN ENCLOSURE

CROSS-SECTION G FROM FIGURE A-07
EAST PORTAL JET FAN ENCLOSURE
ENLARGED PLAN FROM FIGURE A-07
BATTERY STREET TUNNEL: PLAN AT EMERGENCY EGRESS

CROSS-SECTION X FROM THE ABOVE FIGURE
BATTERY STREET TUNNEL: SECTION AT EMERGENCY EGRESS
CROSS-SECTION H FROM FIGURE A-08
CROSS-SECTION 1 FROM FIGURE A-29
SEAWALL REBUILD AT EXISTING GRAVITY WALL
CROSS-SECTION K FROM FIGURE A-29
SEAWALL REBUILD AT TYPE A RELIEVING PLATFORM

GRAPHIC SCALE

SCALE IN FEET

0 8 16 24 32 40

ALASKAN WAY VIA DUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

AERIAL ALTERNATIVE
SECTION: SEAWALL TYPE A
CROSS-SECTION S FROM FIGURE A-39
SEAWALL FRAME AT TYPE A RELIEVING PLATFORM
ALASKAN WAY

NEW CONCRETE SEAWALL FRAME STRUCTURE

EXISTING SEAWALL PANEL AND CRANSLIVER SLAB TO BE REMOVED

HIGH TIDE

LOW TIDE

EXISTING REINFORCED CONCRETE FACIA

EXISTING SKEET PILE AND WOOD FACING TO BE REMOVED

APPROXIMATE EXISTING PIPELINE

NEW MAINLINE AERIAL STRUCTURE

MARSH WITH DESIGN CONFIGURATION

SILT RAILAST

EXISTING SOFT AND LIQUEFIED SILT

JOINT OF CONSISTENT SOIL

CROSS-SECTION T FROM FIGURE A-39
SEAWALL FRAME AT TYPE B RELIEVING PLATFORM

SCALING

0 5 10 15 20 25 30 35 40 45 50

SCALE IN FEET

ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT
SEATTLE, WA

AERIAL OPTION
SECTION: SEAWALL TYPE B
CROSS-SECTION F FROM FIGURE T-06
CROSS-SECTION G FROM FIGURE T-07
WEST PORTAL JET FAN ENCLOSURE

CROSS-SECTION H FROM FIGURE T-07
EAST PORTAL JET FAN ENCLOSURE

JET FAN ENCLOSURE LONGITUDINAL SECTION

NOTE:
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.