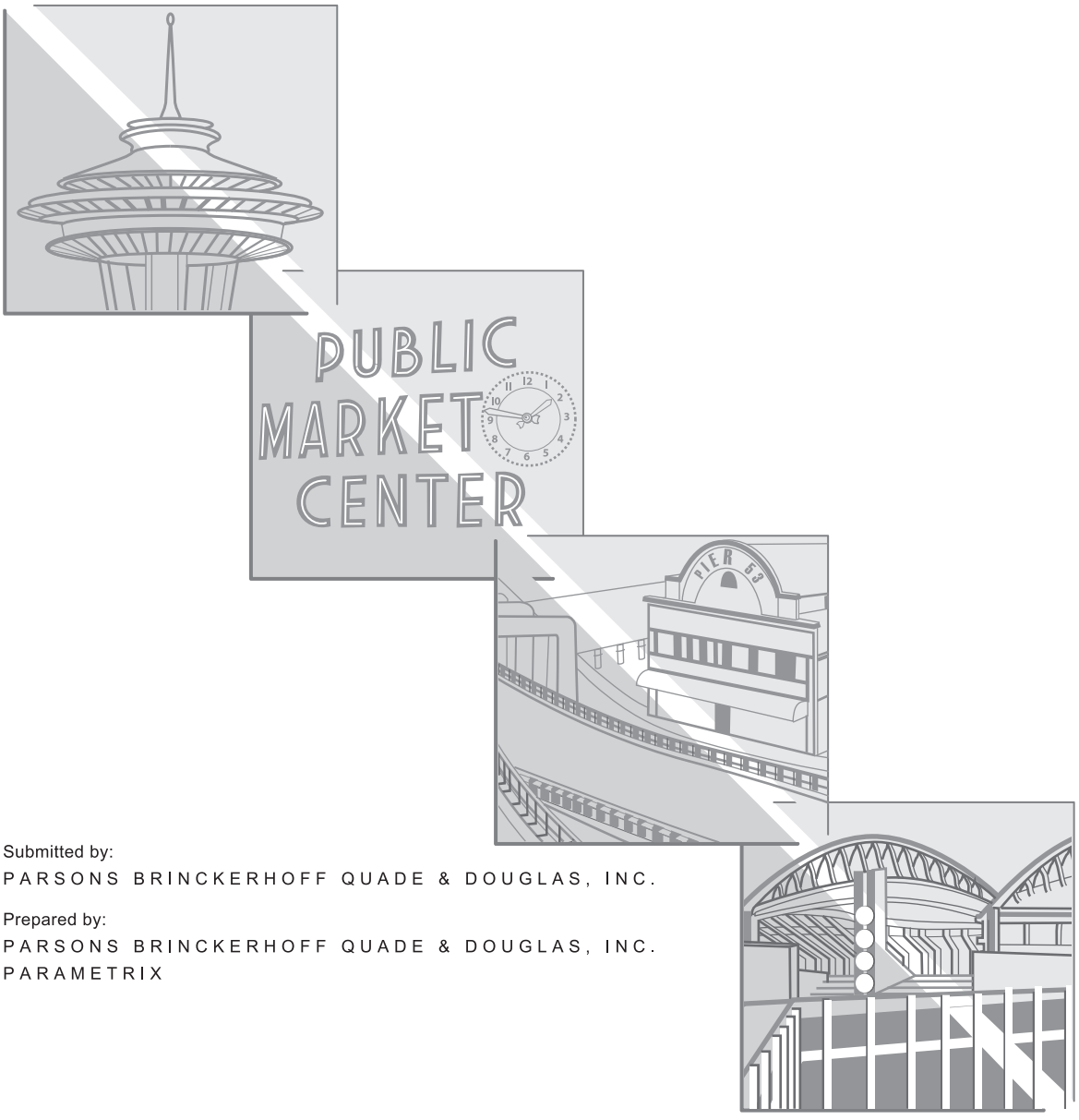
SR 99: ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT

Supplemental Draft Environmental Impact Statement

APPENDIX E

Visual Simulations



Submitted by:
PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.

Prepared by:
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PARAMETRIX

JULY 2006

U.S. Department of Transportation
Federal Highway Administration

Washington State
Department of Transportation

City of
Seattle

SR 99: ALASKAN WAY VIADUCT & SEAWALL REPLACEMENT PROJECT

Supplemental Draft EIS
Visual Simulations Technical Memorandum

AGREEMENT NO. Y-7888

FHWA-WA-EIS-04-01-DS

Submitted to:

Washington State Department of Transportation
Alaskan Way Viaduct and Seawall Replacement Project Office
999 Third Avenue, Suite 2424
Seattle, WA 98104

The SR 99: Alaskan Way Viaduct & Seawall Replacement Project is a joint effort between the Washington State Department of Transportation (WSDOT), the City of Seattle, and the Federal Highway Administration (FHWA). To conduct this project, WSDOT contracted with:

Parsons Brinckerhoff Quade & Douglas, Inc.
999 Third Avenue, Suite 2200
Seattle, WA 98104

In association with:
BERGER/ABAM Engineers Inc.
BJT Associates
David Evans and Associates, Inc.
Entech Northwest
EnviroIssues, Inc.
Harvey Parker & Associates, Inc.
HDR
Jacobs Civil Inc.
Larson Anthropological Archaeological Services Limited
Mimi Sheridan, AICP
Parametrix
Power Engineers, Inc.
Preston Gates & Ellis LLP
ROMA Design Group
RoseWater Engineering, Inc.
Shannon & Wilson, Inc.
So-Deep, Inc.
Taylor Associates, Inc.
Tom Warne and Associates, LLC
William P. Ott

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Exhibit	Simulation Type	View Description
1	Existing Condition	View to the Northwest of the Viaduct from Railroad Way at First Avenue S.
1a	Proposed Elevated Structure Alternative	View to the Northwest of the Viaduct from Railroad Way at First Avenue S.
2	Existing Condition	View to the South from Alaskan Way at Main Street
2a	Proposed Tunnel Alternative	View to the South from Alaskan Way at Main Street
2b	Proposed Elevated Structure Alternative	View to the South from Alaskan Way at Main Street
3	Existing Condition	View to the North at Washington Street from the West Side of Alaskan Way
3a	Proposed Tunnel Alternative	View to the North at Washington Street from the West Side of Alaskan Way
4	Existing Condition	View to the Southeast from Yesler Way
4a	Proposed Tunnel Alternative	View to the Southeast from Yesler Way
4b	Proposed Elevated Structure Alternative	View to the Southeast from Yesler Way
5	Existing Condition	View to the West along University Street from Western Avenue
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5b	Proposed Elevated Structure Alternative	View to the West along University Street from Western Avenue
6	Existing Condition	View to the South from Union Street from the East Side of Alaskan Way
6a	Proposed Tunnel Alternative	View to the South from Union Street from the East Side of Alaskan Way

Exhibit	Simulation Type	View Description
6b	Proposed Elevated Structure Alternative	View to the South from Union Street from the East Side of Alaskan Way
7	Existing Condition	View to the South from Union Street from the West Side of Alaskan Way
7a	Proposed Tunnel Alternative	View to the South from Union Street from the West Side of Alaskan Way
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8a	Proposed Tunnel Alternative	Steinbrueck Park with a View to the South with Steinbrueck Park Lid
8b	Proposed Tunnel Alternative	Steinbrueck Park with a View to the South with Steinbrueck Park Walkway
9	Existing Condition	Elliott Avenue at Bell Street with a View to the South
9a	Proposed Tunnel Alternative	Elliott Avenue at Bell Street with a View to the South
10	Existing Condition	Western Avenue at Bell Street
10a	Proposed Tunnel Alternative	Western Avenue at Bell Street with Vent Structure

Exhibit:	Title:
1	View to the Northwest of the Viaduct from Railroad Way at First Avenue S.
	Existing Condition

Exhibit:	Title:
1a	View to the Northwest of the Viaduct from Railroad Way at First Avenue S.
	Proposed Elevated Structure Alternative

Exhibit:	Title:
2	View to the South from Alaskan Way at Main Street
	Existing Condition

Exhibit:	Title:
2a	View to the South from Alaskan Way at Main Street
	Proposed Tunnel Alternative

Exhibit:	Title:
2b	View to the South from Alaskan Way at Main Street
	Proposed Elevated Structure Alternative

Exhibit:	Title:
3	View to the North at Washington Street from the West Side of Alaskan Way
	Existing Condition

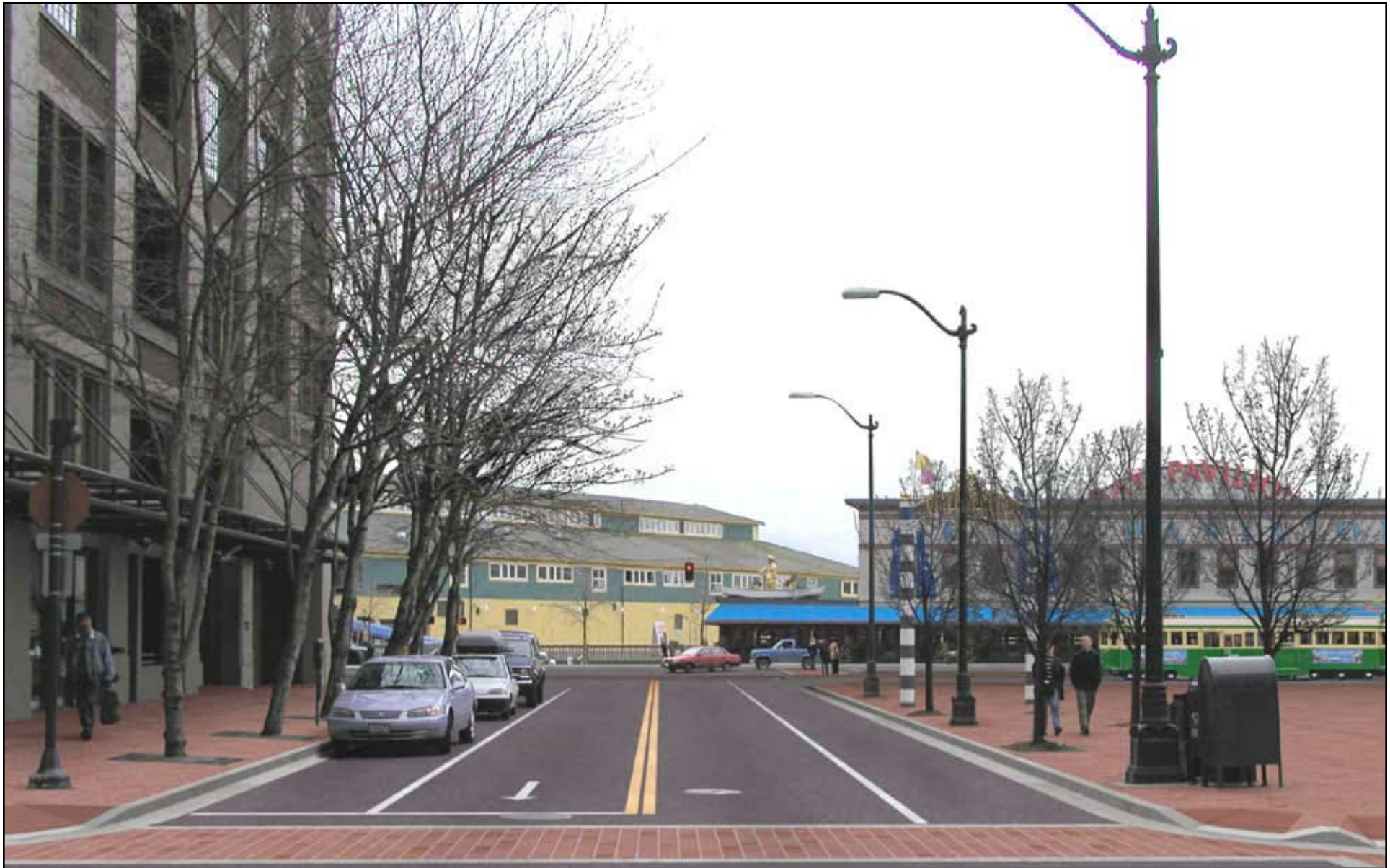
Exhibit:	Title:
3a	View to the North at Washington Street from the West Side of Alaskan Way
	Proposed Tunnel Alternative

Exhibit:	Title:
4	View to the Southeast from Yesler Way
	Existing Condition

Exhibit:	Title:
4a	View to the Southeast from Yesler Way
	Proposed Tunnel Alternative

Exhibit:	Title:
4b	View to the Southeast from Yesler Way
	Proposed Elevated Structure Alternative

Exhibit:	Title:
5	View to the West along University Street from Western Avenue
	Existing Condition



Note: The proposed views are conceptual and are subject to change as the design is refined.

Exhibit:	Title:
5a	View to the West along University Street from Western Avenue
	Proposed Tunnel Alternative

Note: The proposed views are conceptual and are subject to change as the design is refined.

Exhibit:	Title:
5b	View to the West along University Street from Western Avenue
	Proposed Elevated Structure Alternative

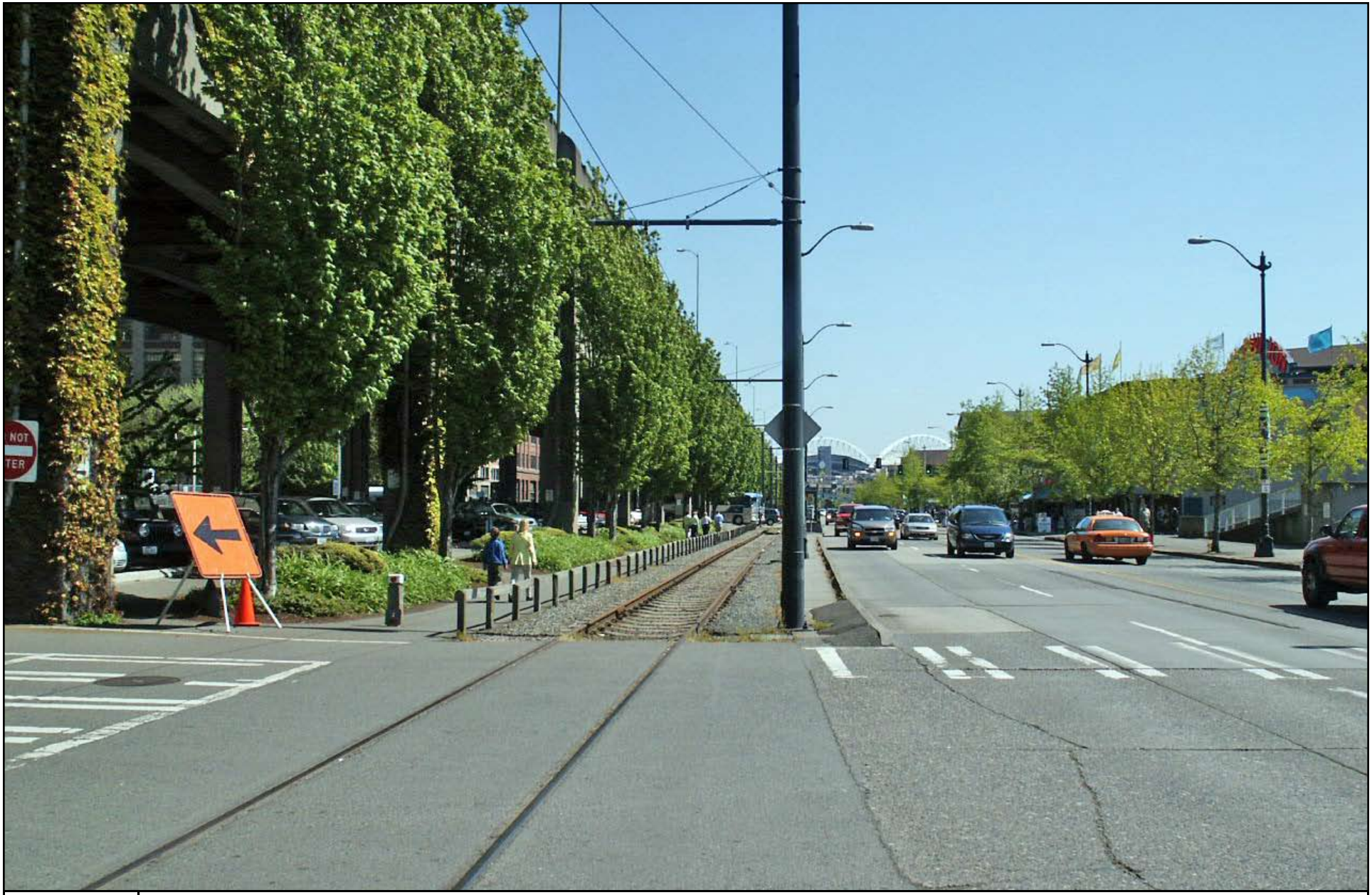


Exhibit:	Title:
6	View to the South from Union Street from the East Side of Alaskan Way
	Existing Condition

Exhibit:	Title:
6a	View to the South from Union Street from the East Side of Alaskan Way
	Proposed Tunnel Alternative

Exhibit:	Title:
6b	View to the South from Union Street from the East Side of Alaskan Way
	Proposed Elevated Structure Alternative

Exhibit:	Title:
7	View to the South from Union Street from the West Side of Alaskan Way
	Existing Condition

Note: The proposed views are conceptual and are subject to change as the design is refined.

Exhibit:	Title:
7a	View to the South from Union Street from the West Side of Alaskan Way
	Proposed Tunnel Alternative

Exhibit:	Title:
7b	View to the South from Union Street from the West Side of Alaskan Way
	Proposed Elevated Structure Alternative

Exhibit:	Title:
8	Steinbrueck Park with a View to the South
	Existing Condition

Exhibit:	Title:
8a	Steinbrueck Park with a View to the South with Steinbrueck Park Lid
	Proposed Tunnel Alternative

Exhibit:	Title:
8b	Steinbrueck Park with a View to the South with Steinbrueck Park Walkway
	Proposed Tunnel Alternative

Exhibit:	Title:
9	Elliott Avenue at Bell Street with a View to the South
	Existing Condition

Exhibit:	Title:
9a	Elliott Avenue at Bell Street with a View to the South
	Proposed Tunnel Alternative

Exhibit:	Title:
10	Western Avenue at Bell Street
	Existing Condition

Exhibit:	Title:
10a	Western Avenue at Bell Street with Vent Structure
	Proposed Tunnel Alternative