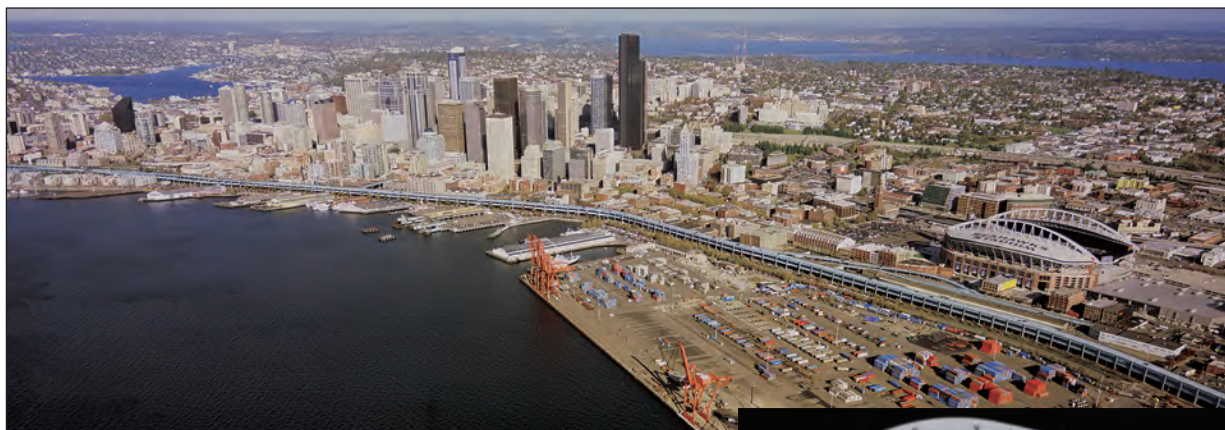
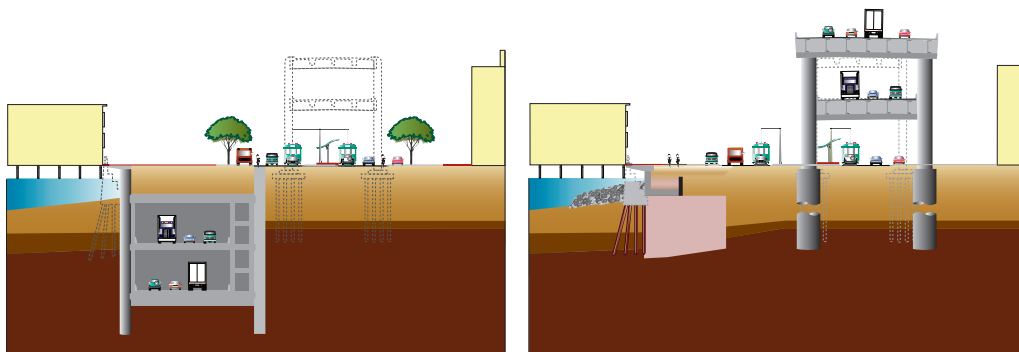


ALASKAN WAY VIADUCT REPLACEMENT PROJECT

Final Environmental Impact Statement

APPENDIX E Visual Simulations



Submitted by:
PARSONS BRINCKERHOFF

Prepared by:
PARSONS BRINCKERHOFF



Alaskan Way Viaduct Replacement Project

Final EIS

Visual Simulations

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

Parsons Brinckerhoff

999 Third Avenue, Suite 3200
Seattle, WA 98104

In association with:

Coughlin Porter Lundeen, Inc.
EnviroIssues, Inc.
GHD, Inc.
HDR Engineering, Inc.
Jacobs Engineering Group Inc.
Magnusson Klemencic Associates, Inc.
Mimi Sheridan, AICP
Parametrix, Inc.
Power Engineers, Inc.
Shannon & Wilson, Inc.
William P. Ott Construction Consultants

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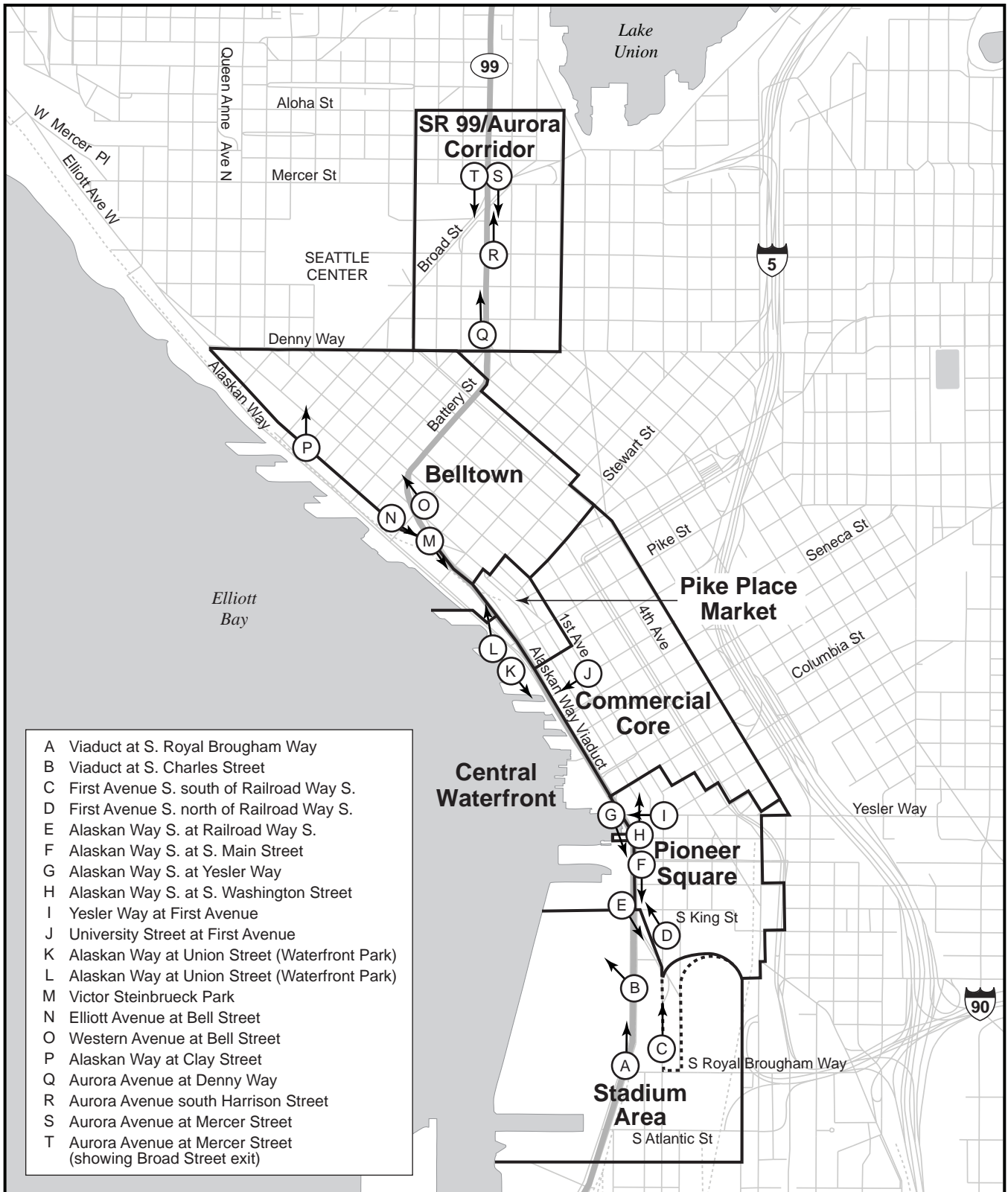
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A-55	Existing Condition	View to the north up Aurora Avenue (SR 99) from Denny Way. Viewpoint Q

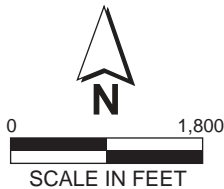
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A-60	Visual Simulation	View to the south down Aurora Avenue (SR 99) from Mercer Street. Bored Tunnel Alternative (No Cut-and-Cover Tunnel or Elevated Structure Alternatives) Viewpoint S
A-61	Existing Condition	View to the south on Aurora Avenue (SR 99) showing Broad Street exit. Viewpoint T
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- A Viaduct at S. Royal Brougham Way
- B Viaduct at S. Charles Street
- C First Avenue S. south of Railroad Way S.
- D First Avenue S. north of Railroad Way S.
- E Alaskan Way S. at Railroad Way S.
- F Alaskan Way S. at S. Main Street
- G Alaskan Way S. at Yesler Way
- H Alaskan Way S. at S. Washington Street
- I Yesler Way at First Avenue
- J University Street at First Avenue
- K Alaskan Way at Union Street (Waterfront Park)
- L Alaskan Way at Union Street (Waterfront Park)
- M Victor Steinbrueck Park
- N Elliott Avenue at Bell Street
- O Western Avenue at Bell Street
- P Alaskan Way at Clay Street
- Q Aurora Avenue at Denny Way
- R Aurora Avenue south Harrison Street
- S Aurora Avenue at Mercer Street
- T Aurora Avenue at Mercer Street (showing Broad Street exit)

5/25/11



(A) → Location and Direction of Viewpoint

**Exhibit 1
Viewpoints**

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A-1

Existing Condition

View to the north from the viaduct at S. Royal Brougham Way.
Viewpoint A



A-2	Visual Simulation	View to the north from the viaduct at S. Royal Brougham Way. Bored Tunnel Alternative Viewpoint A
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A-3	Visual Simulation	View to the north from the viaduct at S. Royal Brougham Way. Cut-and-Cover Tunnel Alternative Viewpoint A
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A-4	Visual Simulation	View to the north from the viaduct at S. Royal Brougham Way. Elevated Structure Alternative Viewpoint A
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A-5

Existing Condition

View to the northwest from the viaduct at S. Charles Street.
Viewpoint B



A-6

Existing Condition

View to the north on First Avenue S. south of Railroad Way S.
Viewpoint C



A-7	Visual Simulation	View to the north on First Avenue S. south of Railroad Way S. Bored Tunnel Alternative Viewpoint C
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A-8	Visual Simulation	View to the north on First Avenue S. south of Railroad Way S. Cut-and-Cover Tunnel Alternative Viewpoint C
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A-9	Visual Simulation	View to the north on First Avenue S. south of Railroad Way S. Elevated Structure Alternative Viewpoint C
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A-10

Existing Condition

View to the northwest on First Avenue S. north of Railroad Way S.
Viewpoint D



A-11	Visual Simulation	View to the northwest on First Avenue S. north of Railroad Way S. Bored Tunnel Alternative Viewpoint D
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A-12	Visual Simulation	View to the northwest on First Avenue S. north of Railroad Way S. Cut-and-Cover Tunnel Alternative Viewpoint D
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A-13	Visual Simulation	View to the northwest on First Avenue S. north of Railroad Way S. Elevated Structure Alternative Viewpoint D
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A-14

Existing Condition

View to the southeast down Railroad Way S. from Alaskan Way S.
Viewpoint E



A-15	Visual Simulation	View to the southeast down Railroad Way S. from Alaskan Way S. Bored Tunnel Alternative Viewpoint E
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A-16	Visual Simulation	View to the southeast down Railroad Way S. from Alaskan Way S. Cut-and-Cover Tunnel Alternative Viewpoint E
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A-17	Visual Simulation	View to the southeast down Railroad Way S. from Alaskan Way S. Elevated Structure Alternative Viewpoint E
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A-18

Existing Condition

View to the south down Alaskan Way S. from S. Main Street.
Viewpoint F



A-19	Visual Simulation	View to the south down Alaskan Way S. from S. Main Street. Bored Tunnel Alternative Viewpoint F
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A-20	Visual Simulation	View to the south down Alaskan Way S. from S. Main Street. Cut-and-Cover Tunnel Alternative Viewpoint F
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A-21	Visual Simulation	View to the south down Alaskan Way S. from S. Main Street. Elevated Structure Alternative Viewpoint F
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A-22

Existing Condition

View to the south down Alaskan Way S. from Yesler Way.
Viewpoint G



A-23	Visual Simulation	View to the south down Alaskan Way S. from Yesler Way. Bored Tunnel and Cut-and-Cover Tunnel Alternatives Viewpoint G
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A-24	Visual Simulation	View to the south down Alaskan Way S. from Yesler Way. Elevated Structure Alternative Viewpoint G
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A-25	Existing Condition	View to the north up Alaskan Way S. from S. Washington Street. Viewpoint H
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A-26	Visual Simulation	View to the north up Alaskan Way S. from S. Washington Street. Bored Tunnel Alternative Viewpoint H
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A-27	Visual Simulation	View to the north up Alaskan Way S. from S. Washington Street. Cut-and-Cover Tunnel Alternative Viewpoint H
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A-28	Visual Simulation	View to the north up Alaskan Way S. from S. Washington Street. Elevated Structure Alternative Viewpoint H
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A-29

Existing Condition

View to the west from Yesler Way at First Avenue.
Viewpoint I



A-30	Visual Simulation	View to the west from Yesler Way at First Avenue. Bored Tunnel and Cut-and-Cover Tunnel Alternatives Viewpoint I
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A-31	Visual Simulation	View to the west from Yesler Way at First Avenue. Elevated Structure Alternative Viewpoint I
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A-32

Existing Condition

View to the west from University Street at First Avenue.
Viewpoint J



A-33	Visual Simulation	View to the west from University Street at First Avenue. Bored Tunnel and Cut-and-Cover Tunnel Alternatives Viewpoint J
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A-34	Visual Simulation	View to the west from University Street at First Avenue. Elevated Structure Alternative Viewpoint J
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A-35

Existing Condition

View to the south down Alaskan Way S. from Union Street (Waterfront Park).
Viewpoint K



A-36	Visual Simulation	View to the south down Alaskan Way S. from Union Street (Waterfront Park). Bored Tunnel Alternative Viewpoint K
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A-37	Visual Simulation	View to the south down Alaskan Way S. from Union Street (Waterfront Park). Cut-and-Cover Tunnel Alternative Viewpoint K
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A-38	Visual Simulation	View to the south down Alaskan Way S. from Union Street (Waterfront Park). Elevated Structure Alternative Viewpoint K
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A-39

Existing Condition

View to the north from Union Street (Waterfront Park).
Viewpoint L



A-40	Visual Simulation	View to the north from Union Street (Waterfront Park). Bored Tunnel Alternative Viewpoint L
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A-41	Visual Simulation	View to the north from Union Street (Waterfront Park). Cut-and-Cover Tunnel Alternative Viewpoint L
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A-42	Visual Simulation	View to the north from Union Street (Waterfront Park). Elevated Structure Alternative Viewpoint L
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A-43

Existing Condition

View to the south from Victor Steinbrueck Park.
Viewpoint M



A-44	Visual Simulation	View to the south from Victor Steinbrueck Park. Bored Tunnel Alternative Viewpoint M
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A-45

Visual Simulation

View to the south from Victor Steinbrueck Park.
Cut-and-Cover Tunnel Alternative
Viewpoint M



A-46	Visual Simulation	View to the south from Victor Steinbrueck Park. Elevated Structure Alternative Viewpoint M
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A-47

Existing Condition

View to the south — Elliott Avenue from Bell Street.
Viewpoint N



A-48

Visual Simulation

View to the south — Elliott Avenue from Bell Street.
 Bored Tunnel and Cut-and-Cover Tunnel Alternatives (No Elevated Structure Alternative)
 Viewpoint N



A-49

Existing Condition

View to the north up Western Avenue from Bell Street.
Viewpoint O



A-50	Visual Simulation	View to the north up Western Avenue from Bell Street. Bored Tunnel Alternative Viewpoint O
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A-51	Visual Simulation	View to the north up Western Avenue from Bell Street. Cut-and-Cover Tunnel Alternative Viewpoint O
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A-52	Visual Simulation	View to the north up Western Avenue from Bell Street. Elevated Structure Alternative Viewpoint O
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A-53

Existing Condition

View to the north up Alaskan Way from Clay Street.
Viewpoint P



A-54

Visual Simulation

View to the north up Alaskan Way from Clay Street. This shows the temporary structure for the Broad Street Detour (in use during project construction only).
Elevated Structure Alternative (No Bored Tunnel or Cut-and-Cover Tunnel Alternatives)
Viewpoint P



A-55	Existing Condition	View to the north up Aurora Avenue (SR 99) from Denny Way. Viewpoint Q
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A-56	Visual Simulation	View to the north up Aurora Avenue (SR 99) from Denny Way. Bored Tunnel Alternative (No Cut-and-Cover Tunnel or Elevated Structure Alternatives) Viewpoint Q
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A-57

Existing Condition

View to the north up Aurora Avenue (SR 99) from south of Harrison Street.
Viewpoint R



A-58	Visual Simulation	View to the north on Aurora Avenue (SR 99) from south of Harrison Street. Bored Tunnel Alternative (No Cut-and-Cover Tunnel or Elevated Structure Alternatives) Viewpoint R
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A-59

Existing Condition

View to the south down Aurora Avenue (SR 99) from Mercer Street.
Viewpoint S



A-60	Visual Simulation	View to the south down Aurora Avenue (SR 99) from Mercer Street. Bored Tunnel Alternative (No Cut-and-Cover Tunnel or Elevated Structure Alternatives) Viewpoint S
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A-61	Existing Condition	View to the south on Aurora Avenue (SR 99) showing Broad Street exit. Viewpoint T
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A-62	Visual Simulation	View to the south down Aurora Avenue (SR 99) from Broad Street exit. Bored Tunnel Alternative (No Cut-and-Cover Tunnel or Elevated Structure Alternatives) Viewpoint T
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