

# Alaskan Way Viaduct and Seawall Replacement Program

**Paula J. Hammond, P.E.**  
Secretary

**David L. Dye, P.E.**  
Deputy Secretary

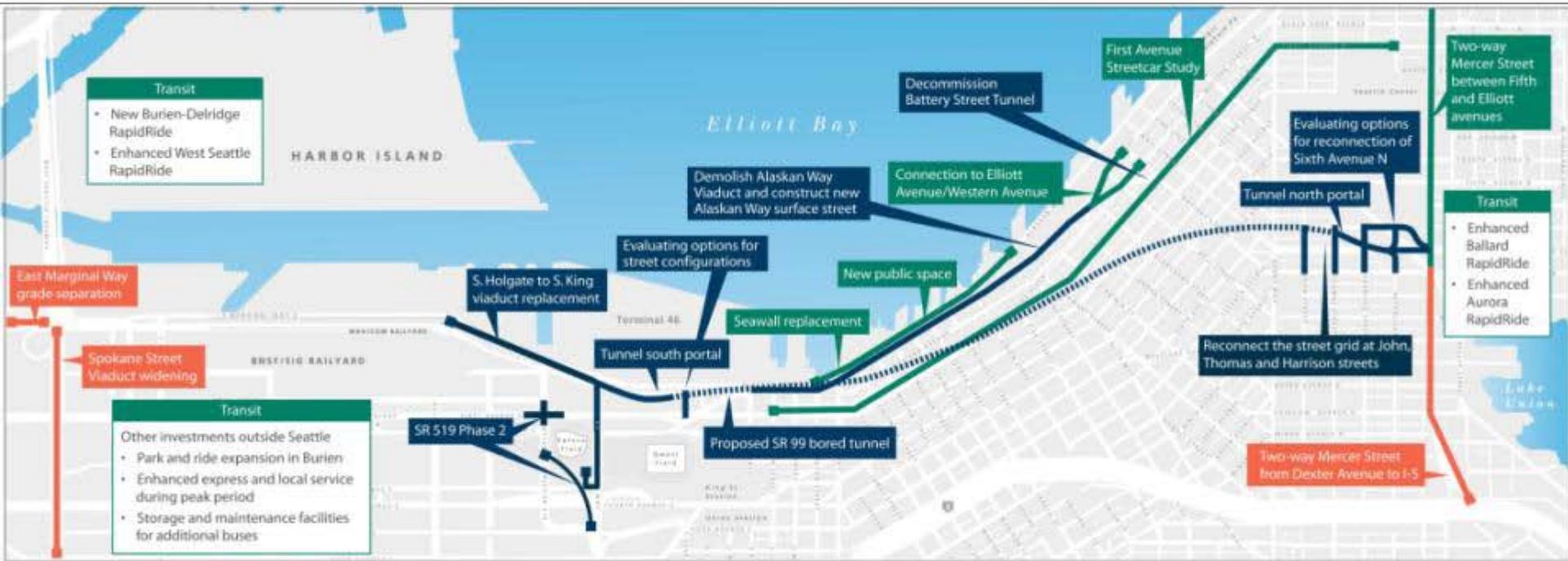
**Steve Reinmuth**  
Chief of Staff

**Ron Paananen**  
AWV Program Administrator

**Washington State Transportation Commission**  
**February 16, 2011**

# Alaskan Way Viaduct and Seawall Replacement Program Overview

The Program encompasses projects led by the Washington State Department of Transportation, City of Seattle, King County and Port of Seattle.



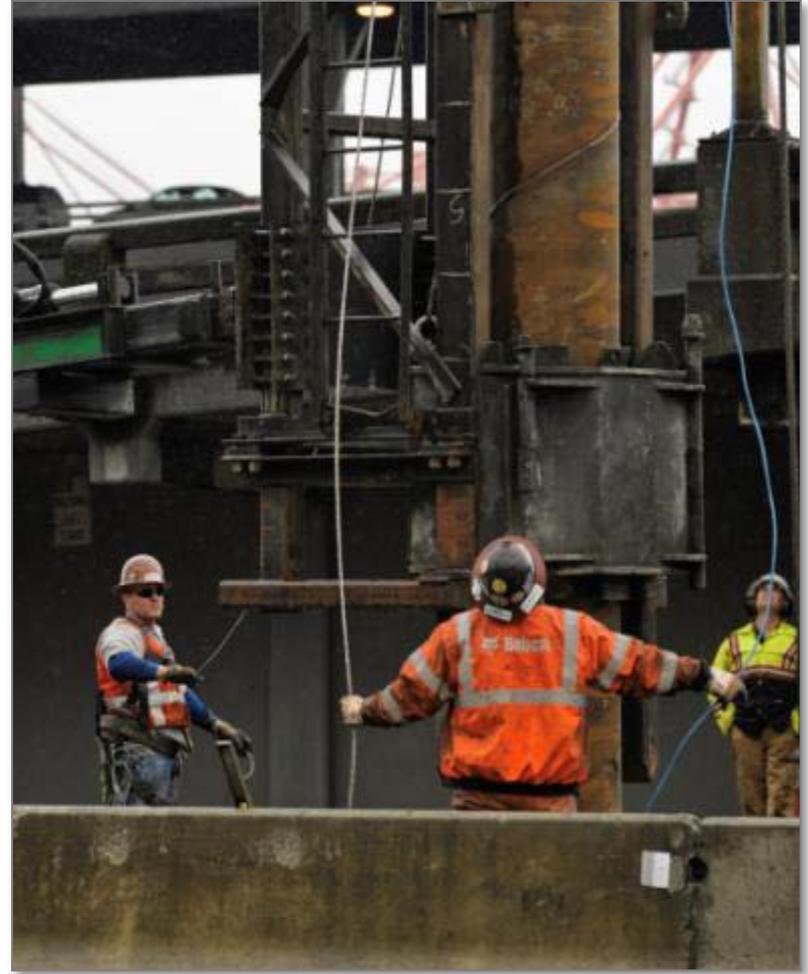
■ State-led projects   ■ In construction   ■ Other program elements

# Viaduct Replacement

- S. Holgate Street to S. King Street Viaduct Replacement.
  - In construction.
- S. King Street to Roy Street Viaduct Replacement.
  - Preferred alternative identified during environmental process: Bored tunnel.



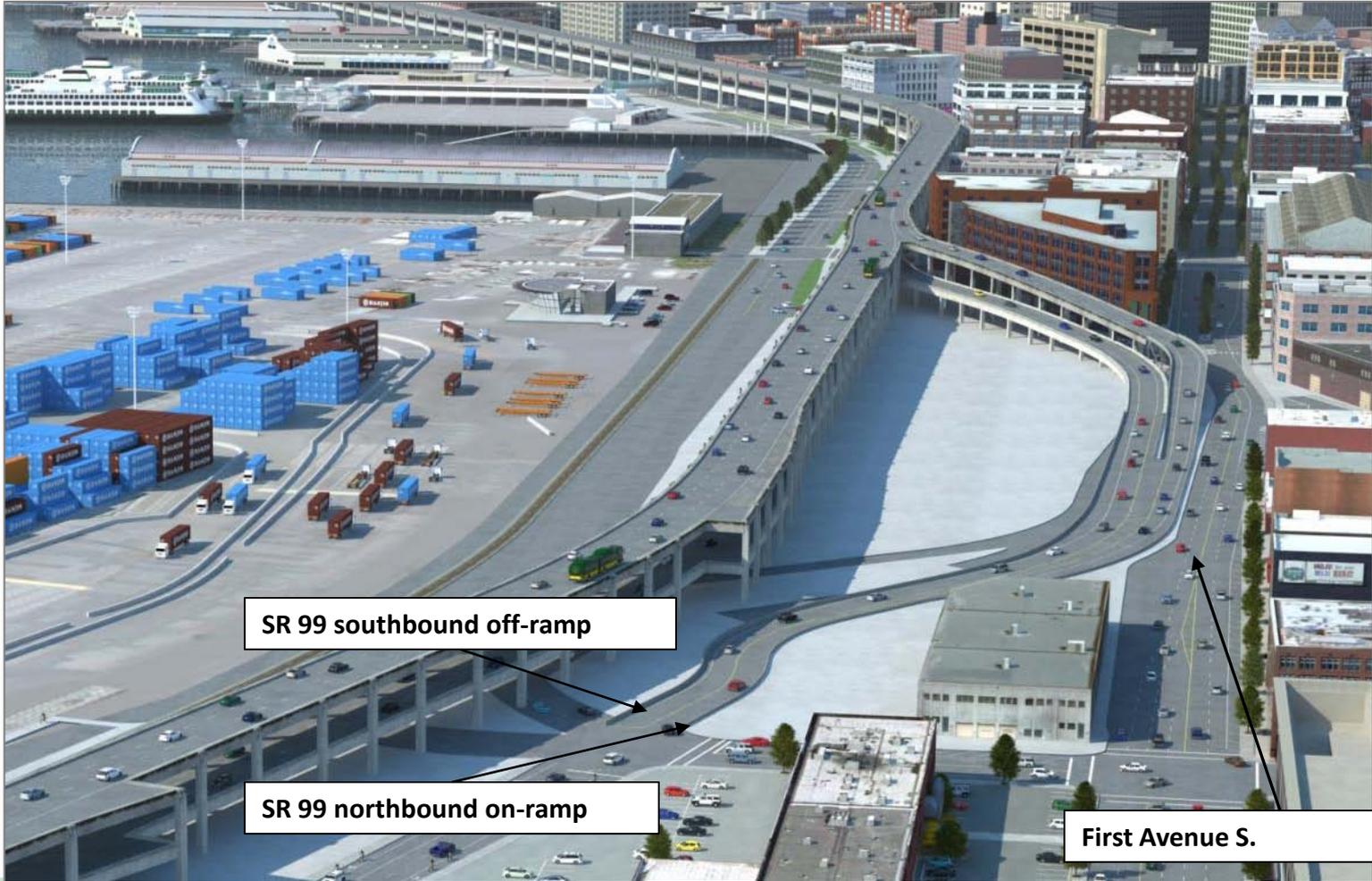
# S. Holgate Street to S. King Street Viaduct Replacement Construction



# First Avenue S. West of Qwest Field – Before Construction



# First Avenue S. West of Qwest Field – April 1, 2011

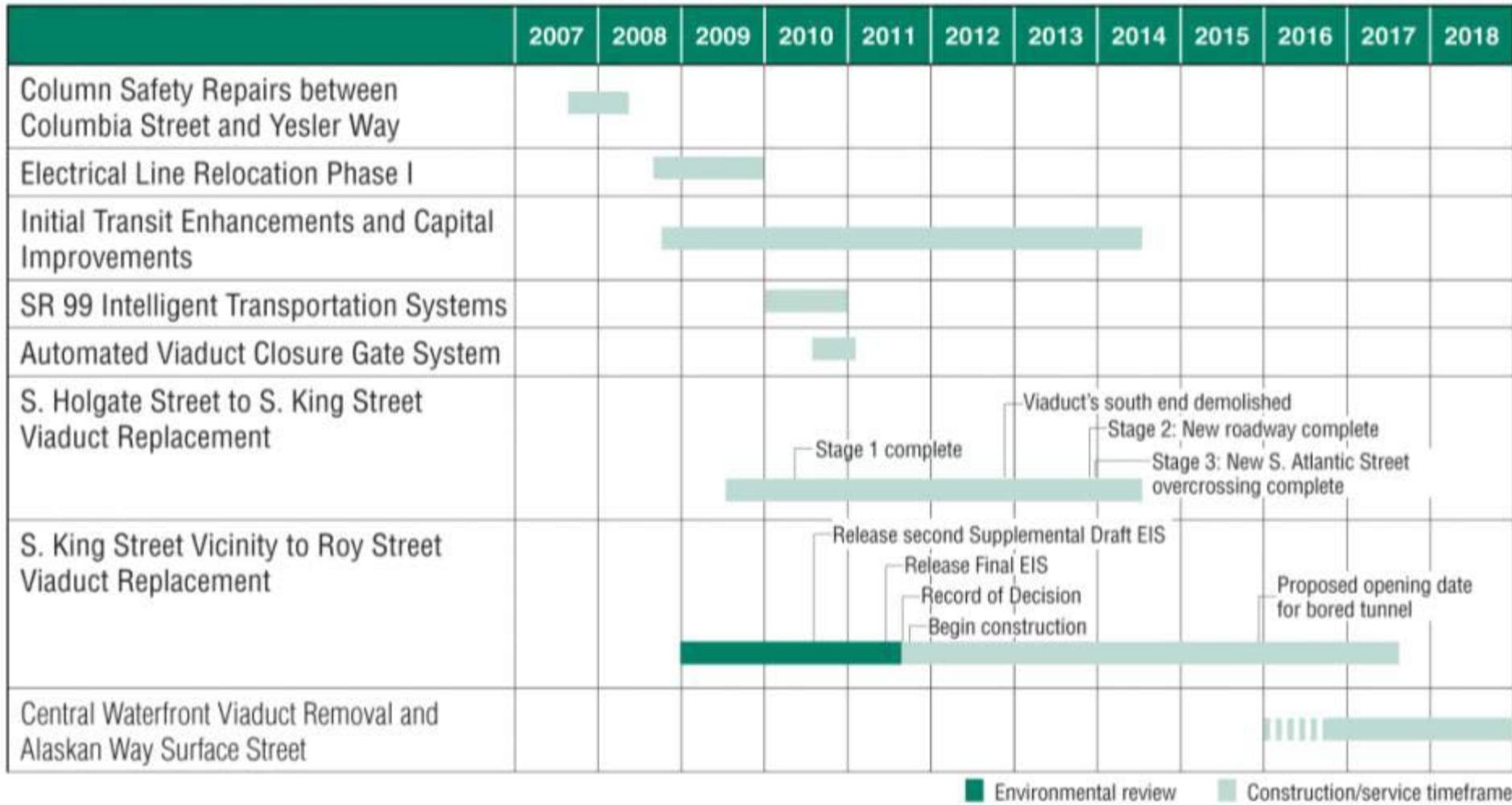


# Proposed SR 99 Bored Tunnel

- Approximately two miles long.
- Tunnel designed to 2,500 year earthquake standard (in the range of a 9.0 earthquake).
- Hired design-build contractor Seattle Tunnel Partners in early 2011.



# Program Schedule



# Funding

<b>Funding source</b>	<b>2010 (\$ in millions)</b>
2005 Gas Tax (Partnership Funding)	\$1,559.4
2003 Gas Tax (Nickel Funding)	\$253.1
Other State funds	\$247.4
Federal funds	\$334.3
Local funding	\$6.5
<b>Funding currently available</b>	<b>\$2,401</b>
Toll funding	\$400
Port of Seattle funding	\$300
<b>Total funding anticipated from all sources</b>	<b>\$3,101</b>

# 2010 Cost Estimate

<b>State Projects</b>	<b>2010 Cost Estimate (\$ in millions)</b>
S. Holgate Street to S. King Street Viaduct Replacement (South End)	\$476 million
S. King Street to Roy Street Viaduct Replacement (Central – proposed bored tunnel)	\$1,960 million
Central Waterfront Viaduct Removal and New Alaskan Way	\$290 million
Central Waterfront Construction Mitigation	\$30 million
Other Moving Forward Projects	\$181 million
Prior Environmental Impact Statements, Right of Way and Design Costs	\$164 million
<b>Total</b>	<b>\$3,101 million</b>

# Next Steps

## **S. Holgate Street to S. King Street Viaduct Replacement Project**

- Continue construction.
- Demolish first portion of viaduct – February 2011.
- Open SR 99 detour near stadiums – fall 2011.

## **S. King Street to Roy Street Viaduct Replacement Project - SR 99**

### **Bored Tunnel**

- Continue coordination with City of Seattle, King County and Port of Seattle.
- Tolling advisory committee.
- Final Environmental Impact Statement – summer 2011.
- Record of Decision – summer 2011.

### **Future program needs**

- Tolling and bonding authority for SR 99 – 2012.

# Questions?

For more information on the Alaskan Way Viaduct and Seawall Replacement Program, please contact:

Ron Paananen  
Program Administrator  
206-805-2858 or [paananr@wsdot.wa.gov](mailto:paananr@wsdot.wa.gov)

[www.alaskanwayviaduct.org](http://www.alaskanwayviaduct.org)