

Budget and Expenditures (\$ in millions)

State Project	Budget*	Expenditures Through June 2013	Remaining Expenditures
SR 99 Tunnel Project (Includes Design-Build, South Access, North Access and North Surface Streets)	\$2,054.7	\$1,030.5	\$1,024.2
SR 99 South Holgate Street to South King Street Project (Includes Stages 1, 2 and 3)	\$358.3	\$327.9	\$30.4
Central Waterfront Viaduct Removal and New Alaskan Way	\$290.0	\$0.8	\$289.2
Central Waterfront Construction Mitigation	\$29.7	\$3.1	\$26.6**
Other Moving Forward Projects (column safety repairs, electrical line relocation, Battery Street Tunnel repairs, south end construction mitigation)	\$173.7	\$163.2	\$10.5
Program Management	\$75.0	\$28.2	\$46.8
Prior Expenditures (environmental impact statement, right of way, design)	\$163.7	\$163.7	\$0.0
Total	\$3,145.1	\$1,717.5	\$1,427.6

* Includes 2013 Legislative Budget funding with additional contributions from tolling, the Port of Seattle and city utility reimbursement.

**\$0.3 million was transferred to Design-Build contract for Construction Mitigation scope performed in 2012. Total commitment remains at \$30 million.

Funding (\$ in millions)

Source	Budget*	Expenditures Through June 2013	Remaining Expenditures
2005 Gas Tax (Partnership Funding)	\$1,506.0	\$930.6	\$575.4
2003 Gas Tax (Nickel Funding)	\$311.3	\$161.4	\$149.8
Other State	\$36.9	\$0.0	\$36.9
Federal	\$787.2	\$615.0	\$172.2
Local	\$22.8	\$10.5	\$12.3
Toll**	\$200.0	\$0.0	\$200.0
Port of Seattle***	\$281.0	\$0.0	\$281.0
Total	\$3,145.1	\$1,717.5	\$1,427.6

* Includes 2013 Legislative Budget funding with additional contributions from tolling, the Port of Seattle and city utility reimbursement.

** The 2009 Legislature stated the finance plan must include no more than \$400 million in toll funding. The budget amount was revised to \$200 million during the 2012 legislative session, and an additional \$200 million in federal funds was provided to the program..

*** The Port of Seattle has committed \$300 million to the replacement program. Governor Gregoire signed an agreement with the Port in April 2010 for this funding. To date, \$19 million of the Port's contribution has been used for program-related work.

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For More Information:

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**Washington State
Department of Transportation**

Alaskan Way Viaduct REPLACEMENT PROGRAM



September 2013

Annual Mega-Project Report

Overview

Two projects will replace the SR 99 Alaskan Way Viaduct along Seattle's waterfront. The viaduct's central waterfront section will be replaced with a bored tunnel beneath downtown. This year, the SR 99 tunneling machine was shipped to Seattle from Japan following a round of testing. After assembly of the machine's 41 parts in a launch pit near the stadiums, crews launched the machine at the end of July. Additional work at the tunnel's portals is ongoing.

The southern mile of the viaduct, near Seattle's port and stadiums, was replaced with a new roadway that has wider lanes, meets current earthquake standards and improves mobility for people and goods in the south of downtown (SODO) area. Crews are busy completing the final stage of the southern mile replacement: an overpass that will allow traffic to bypass frequent train blockages on South Atlantic Street. This project is anticipated to open to traffic at the end of 2013.

The state's projects for the viaduct replacement are estimated to sustain more than 3,900 jobs in 2013, the peak year of expenditures, with the current level of funding.

Reporting

WSDOT's Alaskan Way Viaduct Replacement Program provides quarterly reports to agency headquarters staff. Current information is posted at www.AlaskanWayViaduct.org and made available to the public through community briefings, monthly email updates and attendance at local festivals.

Editor's note: This Mega-Project Report highlights the state-funded projects that are part of the Alaskan Way Viaduct Replacement Program.



An aerial photo of south-end construction showing the SR 99 tunneling machine in the launch pit and the South Atlantic Street overpass in the background.

This Year's Major Milestones:

- Disassembled and shipped the SR 99 tunneling machine from Japan to Seattle.
- Successfully offloaded and re-assembled the machine.
- Launched the SR 99 tunneling machine on July 30.
- Began excavation of the north portal receiving pit and south portal operations building.
- Began tunnel liner segment production in Puyallup.
- Constructed bridge foundations, approaches and poured concrete decks of South Atlantic Street overpass.



Completed Projects

Column Safety Repairs between Columbia Street and Yesler Way
Completed April 2008

Electrical Line Relocation Phase I
Completed December 2009

SR 99 South Holgate Street to South King Street Project – Stage 1 (utility relocation)
Completed May 2010

SR 99 South Holgate Street to South King Street Project – Stage 2 (SR 99 road and bridge construction)
Completed fall 2012

South Spokane Street Viaduct Widening Project (City of Seattle)
Completed fall 2012
 (WSDOT provided funding for the South Spokane Street Viaduct Fourth Avenue South Off-ramp, which was completed August 2010)

Initial Transit Enhancements and Capital Improvements

- I-5 Travel Time Signs – *Completed December 2009*
- Expanded Bus Monitoring System – *Completed June 2010*
- SR 519 Phase 2 – *Completed June 2010*
- I-5 Active Traffic Management – *Completed August 2010*
- Arterial Streets Intelligent Transportation Systems – *Completed August 2010*
- SR 99 Intelligent Transportation Systems – *Completed spring 2011*
- Automated Viaduct Closure Gate System – *Completed June 2011*

Completed in 2012:

- Alaskan Way Widening Project – In Spring 2012, WSDOT widened Alaskan Way between Yesler Way and Spring Street in order to move overflow ferry holding lanes closer to Colman Dock. This change facilitated crews' use of part of the Alaskan Way street for the tunnel construction zone.

Projects Under Construction

Initial Transit Enhancements and Capital Improvements

Enhanced transit service and transportation demand management: 2010 – 2014

- The state provided funding to King County Metro for added bus service during construction of the South Holgate Street to South King Street Project.

SR 99 South Holgate Street to South King Street Project – Stage 3 (South Atlantic Street overpass)

Construction: 2012 – late 2013

- Contract awarded to Guy F. Atkinson Construction, LLC in May 2012.
- Work began in summer 2012.
- Builds new overpass at South Atlantic Street and future connections between Alaskan Way South and East Marginal Way South.

SR 99 Tunnel - Design-Build Project

Construction: 2011 – 2015

Progress this year:

- In early 2013, crews in Japan finished a comprehensive round of testing on the SR 99 tunneling machine, before disassembling it and shipping it 5,000 miles to Seattle.
- Once in Seattle, the 7,000-ton machine was offloaded and reassembled in the launch pit to the west of the stadiums. The machine was launched on July 30.

- Excavation of the tunneling machine's receiving pit began in the spring. In the south end, crews started excavating at the site of the south portal operations building.
- Rehabilitation work on the Western Building was completed, providing reinforcement for the building during tunneling.
- Production of tunnel liner segments kicked off in Puyallup.
- Crews made substantial progress on construction of the South Atlantic Street overpass while keeping SR 99 open to traffic.

Projects in Planning and Design

SR 99 Tunnel - South Access Project

Contract advertisement: January 2014

Construction (estimated): 2014 - 2015 (mainline SR 99)

- Connects SR 99 to the tunnel's south portal.
- Builds SR 99 on- and off-ramps and removes SR 99 construction bypass.

SR 99 Tunnel - North Access Project

Contract advertisement: October 2013

Construction (estimated): 2014 - 2015

- Connects the tunnel to SR 99/Aurora Avenue North at the north end of downtown.
- Builds SR 99 on- and off-ramps.
- Extends Sixth Avenue North between Harrison and Mercer streets.

SR 99 Tunnel - North Surface Street Connections Project

Contract advertisement: October 2015

Construction (estimated): 2016

- Re-builds sections of John, Thomas and Harrison streets.
- Improves Aurora Avenue North between Denny Way and Harrison Street.

Other Program Improvements

Alaskan Way Viaduct Removal

Construction (estimated): 2016

- The Alaskan Way Viaduct will be demolished after the SR 99 tunnel opens to traffic.

Alaskan Way Surface Street

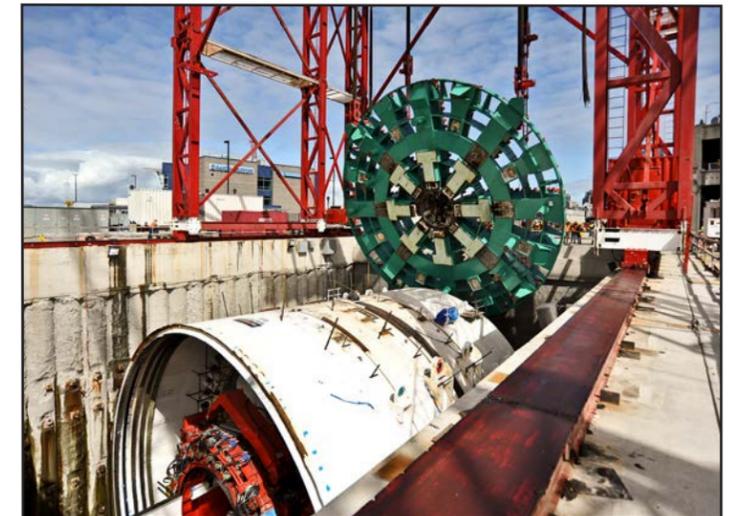
Construction (estimated): 2016 – 2017

- Once the viaduct is removed, crews will build a new Alaskan Way street in its place. The street will connect to Elliott and Western avenues in the north and to SR 99 and city streets near the stadiums.

Battery Street Tunnel Decommissioning

Construction (estimated): 2016

- Once the SR 99 tunnel is open, the Battery Street Tunnel will be decommissioned.



Crews lowered the tunneling machine's 838-ton cutterhead into the launch pit on May 31.

Replacing the Alaskan Way Viaduct



Program Schedule

	2009	2010	2011	2012	2013	2014	2015	2016	2017
SR 99 South Holgate Street to South King Street Project (Includes Stages 1, 2 and 3)		Stage 1 complete		Viaduct's south end demolished	Stage 2: New roadway complete		Stage 3: New South Atlantic Street overpass complete		
SR 99 Tunnel Project (Includes Design-Build, South Access, North Access and North Surface Streets)			Release second Supplemental Draft EIS	Final EIS	Record of Decision	Begin construction	North Access construction begins	South Access construction begins	Proposed opening date for SR 99 Tunnel
Central Waterfront Viaduct Removal and Alaskan Way Surface Street (Construction)					Launch TBM		Tunnel boring complete		

■ Environmental review ■ Construction