Alaskan Way Viaduct
REPLACEMENT
PROGRAM

U.S. Department of Transportation Federal Highway Administration
WSDOT
King County
Port of Seattle
City of Seattle

SR 99 Tunnel - Project Delivery

March 2013

The contract packages shown below represent the work that will be necessary to construct the SR 99 tunnel and remove the Alaskan Way Viaduct's central waterfront section. The following is preliminary schedule information that is subject to change.

SR 99 tunnel south portal design concept

Viaduct Removal

Contract type: Design-bid-build
Construction duration (est.): January 2016 - December 2016

Major scope items:
- Relocate utilities attached to structure.
- Demolition.

Battery Street Tunnel Decommissioning

Contract type: Design-bid-build
Construction duration (est.): January 2016 - December 2016

Major scope items:
- Remediation to remove soot and asbestos.
- Disconnect power, water and drainage lines.
- Relocate utilities that run through the tunnel.
- Fill tunnel with suitable material and seal portals.

Mercer Street Improvements
(City of Seattle project)

North Surface Street Connections

North Access Project

SR 99 tunnel north portal design concept

SR 99 Tunnel

South Access Project

ALASKAN WAY S

WESTERN AVENUE

PIKE PLACE

STEWART STREET

VIRGINIA ST

BLANCHARD STREET

LENORA STREET

BELL STREET

SIXTH AVE

WESTLAKE AVENUE

OLIVE WAY

UNION STREET

UNIVERSITY STREET

SENECA STREET

SPRING STREET

MADISON STREET

MARION STREET

COLUMBIA ST

CHERRY ST

HOWELL STREET

TERRY AVENUE

NINTH AVENUE

FIFTH AVE

TAYLOR

SIXTH AVE

NINTH AVE N

VALLEY STREET

ROYAL

Safeco

South Access Project

Contract type: Design-bid-build
Contract advertisement date: January 2014
Construction duration (est.): June 2014 – April 2017
(all ramps open at the end of 2015)

Major scope items:
- Connecting the S. Holgate Street to S. King Street project with the tunnel.
- SR 99 on- and off-ramps connecting the tunnel's south portal to city streets.
- Remove SR 99 bypass.
- Surface streets between S. Atlantic Street and S. King Street.
- Landscaping, sidewalks, signage, stormwater control and roadway restoration.

SR 99 Tunnel

Contract type: Design-build
Construction duration (est.): August 2011 – December 2015

Major scope items:
- Tunnel boring machine.
- Bored tunnel and interior stacked roadway with two lanes in each direction.
- Fire, life and safety systems.
- Tunnel operations buildings at the tunnel's north and south ends.
- Traffic management systems: Overhead signage and electronic tolling equipment.

In progress

North Surface Street Connections

Contract type: Design-bid-build
Contract advertisement date: October 2015
Construction duration (est.): January 2016 – December 2016
Major scope items:

- Re-building John, Thomas and Harrison streets between Dexter and Taylor avenues and re-building a small section of Denny Way and Wall Street.
- Improvements to Aurora Avenue N. between Denny Way and Harrison Street.
- Restoration work such as landscaping and sidewalks.

North Access Project

Contract type: Design-bid-build
Contract advertisement date: September 2013
Construction duration (est.): February 2014 – December 2015

Major scope items:
- Connection between the tunnel's north portal and Aurora Avenue N.
- SR 99 on- and off-ramps at Republican Street.
- Stormwater control, signage and roadway restoration.
- Extension of Sixth Avenue N. between Harrison and Mercer streets.
- Utility relocation.

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S. Holgate Street to S. King Street Viaduct Replacement - Project Delivery

March 2013

These contract packages represent the work that will be necessary to replace the south end of the Alaskan Way Viaduct between S. Holgate Street and S. King Street.

The stages of work shown here include a temporary bypass between S. Royal Brougham Way and S. King Street that will connect the new SR 99 roadway to the existing viaduct along the waterfront. A connection between the new roadway and the SR 99 tunnel will be built as part of the tunnel's south access project.

The following schedule information is subject to change.

Stage 1 (Utility relocation)

Contract type: Design-bid-build
Construction duration: July 2009 – May 2010

Major scope items:
- Rebuild and relocate utilities.
- Prepare the area for road and bridge construction.

Complete

Stage 2 (SR 99 road and bridge construction)

Contract type: Design-bid-build
Construction duration: July 2010 – late 2012

Major scope items:
- Replace SR 99 between S. Holgate and S. King streets.
- Relocate railroad track.
- Surface street improvements.
- Build new bicycle/pedestrian facilities.

Complete

Stage 3 (S. Atlantic Street overpass)

Contract type: Design-bid-build
Construction duration: July 2012 – December 2013

Major scope items:
- Build overpass of railroad track at S. Atlantic Street.
- Finish building the shared bicycle/pedestrian path on east side of Alaskan Way S.
- Alaskan Way S./East Marginal Way S. connection.

In progress