

Alaskan Way Viaduct REPLACEMENT PROGRAM



September 2012

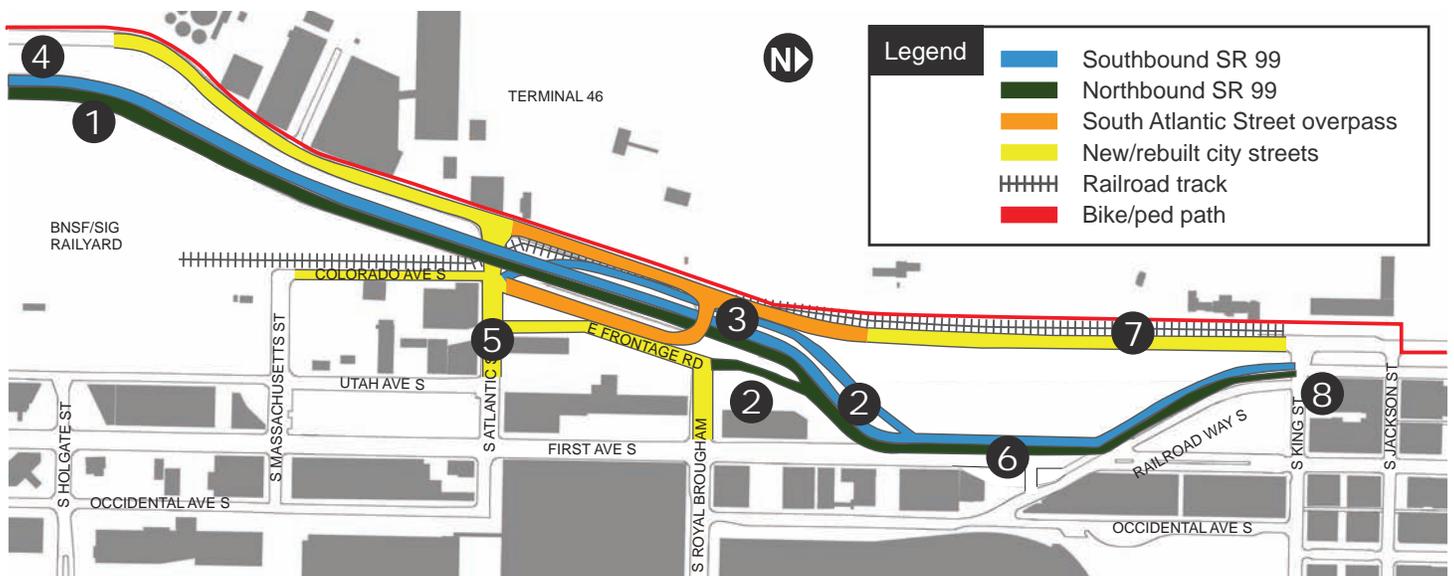


The SR 99 bridges were completed one year earlier than scheduled.

Replacing the viaduct's south end

As part of the Alaskan Way Viaduct Replacement Program, the Washington State Department of Transportation built a new roadway to replace the viaduct's south end, near Seattle's port and stadiums. This section of State Route 99, in Seattle's SODO neighborhood, includes two side-by-side bridges that meet current earthquake standards. The bridges were completed in September 2012.

The SR 99 South Holgate Street to South King Street Project will remain connected to the viaduct along the downtown waterfront until the SR 99 tunnel opens in late 2015.



- 1 Three lanes on SR 99 in each direction south of South Royal Brougham Way, with wider lanes and shoulders.
- 2 On- and off-ramp detours near the stadiums.
- 3 An overpass of the railroad tracks at South Atlantic Street.
- 4 New bicycle and pedestrian paths.
- 5 New and rebuilt city streets.
- 6 SR 99 construction bypass – two lanes in each direction between South Royal Brougham Way and Railroad Way South
- 7 Relocated railroad track.
- 8 Connection to existing viaduct at South King Street.

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For more information

Visit the website at:

www.AlaskanWayViaduct.org

Call the hotline:

1-888-AWV-LINE

Send an email to:

viaduct@wsdot.wa.gov

Send a letter to:

Alaskan Way Viaduct
Replacement Program
c/o Washington State
Department of Transportation
999 Third Ave., Suite 2424
Seattle, WA 98104

Public Safety

Replacing the viaduct provides a number of benefits, but the primary goal is improving public safety. The south end of the viaduct rested in soil that could liquefy during an earthquake, and its columns did not reach deep enough into solid ground. The foundations of the new SR 99 bridges are up to 260 feet deep – imagine columns nearly half the height of the Space Needle buried underground. Greater foundation depths provide greater stability for the roadway. Other safety improvements include wider lanes and shoulders that give drivers more room to maneuver.

Keeping SR 99 open during construction

It was no easy task, but we found a way to keep SR 99 open while we built the viaduct's south-end replacement. We started by improving the surrounding city street network to

accommodate changing traffic patterns in the area and ensure that bicyclists, pedestrians and drivers could move safely through the work zone.

We then built an SR 99 construction bypass to connect the waterfront viaduct with the new bridges south of South Royal Brougham Way. Drivers will use the construction bypass until the SR 99 tunnel opens in late 2015.

South Atlantic Street overpass

The project includes a new overpass to allow traffic to bypass the busy railroad track near the intersection of Alaskan Way South and South Atlantic Street. This improvement will ease congestion in the neighborhood, and is especially important for truck movement, due to the large number of freight facilities in the area. Construction for the overpass began in August 2012. It is scheduled to open by December 2013.



Simulation of the new overpass at South Atlantic Street, looking east.

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