The Alaskan Way Viaduct & Seawall Replacement Project

Longer Construction Plan

2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
STAGE ONE		STAGE TWO	STAGE THREE		STAGE FOUR	STAGE FIVE	STAGE SIX		FINAL STAGE

Construction Activities

Elevated Structure – 30 months

- Relocate utilities – *occurs periodically throughout all construction stages*
- Improve soils for the west side of the Stadium Area Interchange
- Relocate tail track to east of SR 99
- Construct temporary over-water bridge between Pier 48 and Colman Dock
- Relocate ferry holding
- Begin seawall construction from S. Jackson to Pike
- Relocate Seattle Fire Station

Elevated – 9 mos

- Construct First Avenue S. & Broad Street Detours
- Begin building the west half of the Stadium Area Interchange
- Build new viaduct columns
- Construct retaining wall from Stewart to Blanchard
- Construct temporary Bell Street Overpass

Elevated Structure – 27 mos.

- Build west half of SODO Ramps
- Rebuild viaduct from Royal Brougham to S. Jackson
- Complete seawall construction from S. Jackson to Pike. Rebuild seawall from Pike to Broad.
- Widen lower viaduct deck from S. King to Pike
- Remove and construct southbound SR 99 from Pike to the Battery Street Tunnel
- Begin constructing improvements to Battery Street Tunnel
- Begin constructing Partially Lowered Aurora

3 mos.

- Begin removing existing viaduct from S. Holgate to S. King
- Demolish upper viaduct from S. King to Pike
- Remove north-bound SR 99 from Pike to Battery Street Tunnel
- Complete Partially Lowered Aurora

Elevated Structure – 24 mos.

- Complete removal of existing viaduct from S. Holgate to S. King
- Begin building SR 99 from S. Holgate to S. King
- Build east half of the SODO Ramps
- Construct upper viaduct from S. King to Pike
- Build northbound SR 99 from Pike to the Battery Street Tunnel
- Build bridges at Thomas and Harrison

Elevated Structure – 21 mos.

- Complete SR 99 from S. Hanford to Royal Brougham
- Demolish and rebuild lower level viaduct from S. King to Pike

6 mos.

- Restore Alaskan Way and complete landscaping & lighting
- Complete relocating utilities

10 yrs

Construction Roadway Closures, Restrictions, and Detours

Elevated Structure – 30 months

- Traffic remains on SR 99
- Alaskan Way reduced to 1 lane in each direction
- Remove parking under viaduct
- Remove Waterfront Streetcar and track

Elevated – 9 mos

- Traffic remains on SR 99
- Close Western off ramp
- Alaskan Way reduced to 1 lane in each direction

Elevated Structure – 27 mos.

- SR 99 reduced to 2 lanes in each direction
- Southbound traffic routed to Broad Street Detour. viaduct, and First Avenue S. Detour.
- Northbound traffic remains on SR 99
- Elliott and Western ramps closed
- SR 99 north of Denny reduced to 3 lanes total
- Alaskan Way reduced to 1 lane in each direction

3 mos.

- SR 99 closed
- SR 99 north of Denny is reduced to 3 lanes total
- Alaskan Way reduced to 1 lane in each direction

Elevated Structure – 24 mos.

- SR 99 reduced to 2 lanes in each direction on lower viaduct deck
- Southbound traffic routed to Broad Street Detour
- Columbia, Seneca, Elliott, and Western ramps closed
- Alaskan Way reduced to 1 lane in each direction

Elevated Structure – 21 mos.

- SR 99 reduced to 2 lanes in each direction on upper viaduct deck
- Columbia and Elliott ramps closed
- Seneca and Western ramps open
- Alaskan Way reduced to 1 lane in each direction

6 mos.

- SR 99 completed open to traffic
- Alaskan Way periodically reduced to 1 lane in each direction

10 yrs