

BALLARD SIPHON

Replacement Project

Department of Natural Resources and Parks • Wastewater Treatment Division

June 2012

Timeline

July 2011-December 2013

Construction locations

North site: 5110 Shilshole Avenue Northwest, Seattle

South site: West Commodore Way and 24th Avenue West, Seattle

Typical work hours

Monday-Friday, 7 a.m. to 6 p.m.

24-hour project hotline

206-296-3848

Project web page

<http://www.kingcounty.gov/environment/wtd/Construction/Seattle/BallardSiphon.aspx>

What is King County building?

To protect public health and the environment, King County is building a new 84-inch siphon pipe under Salmon Bay between the Ballard and Interbay areas of Seattle. The new siphon will be installed more than 120 feet underground and connect the Ballard Regulator Station at 5110 Shilshole Avenue Northwest in Ballard to the North Interceptor at West Commodore Way and 24th Avenue West intersection in Interbay (see project map).

After excavating vertical shafts at the Shilshole Avenue and Commodore Way sites, King County's contractor will install a tunnel boring machine to bore a pipe corridor for the new siphon roughly 60 feet beneath Salmon Bay. The existing siphon will be cleaned out and relined as part of this project. Additional equipment supporting the new pipe will also be installed at the Ballard Regulator.

Why do we need this project?

The new pipe is needed to accommodate growth in north Seattle. The new pipe replaces two 36-inch wooden stave pipes which have served the Ballard community since the 1930's. The new pipe will meet north Seattle's wastewater conveyance needs through the end of the century.

Wastewater from homes and businesses in Ballard now flows through the 36-inch siphons and across the bay, moving from the higher elevated pipes on the north side of the canal to the lower elevation on the south side, for treatment at the West Point Treatment Plant in Magnolia.



FOR MORE INFORMATION:

Contact Adair Muth at
adair.muth@kingcounty.gov
or 206-263-7319

24-hour project hotline/Para
más información:
206-296-3848

ALTERNATE FORMATS AVAILABLE

206-684-1235/TTY Relay: 711

Suplente formatear disponible: 206-684-1235 o relevo de TTY: 711

Project schedule

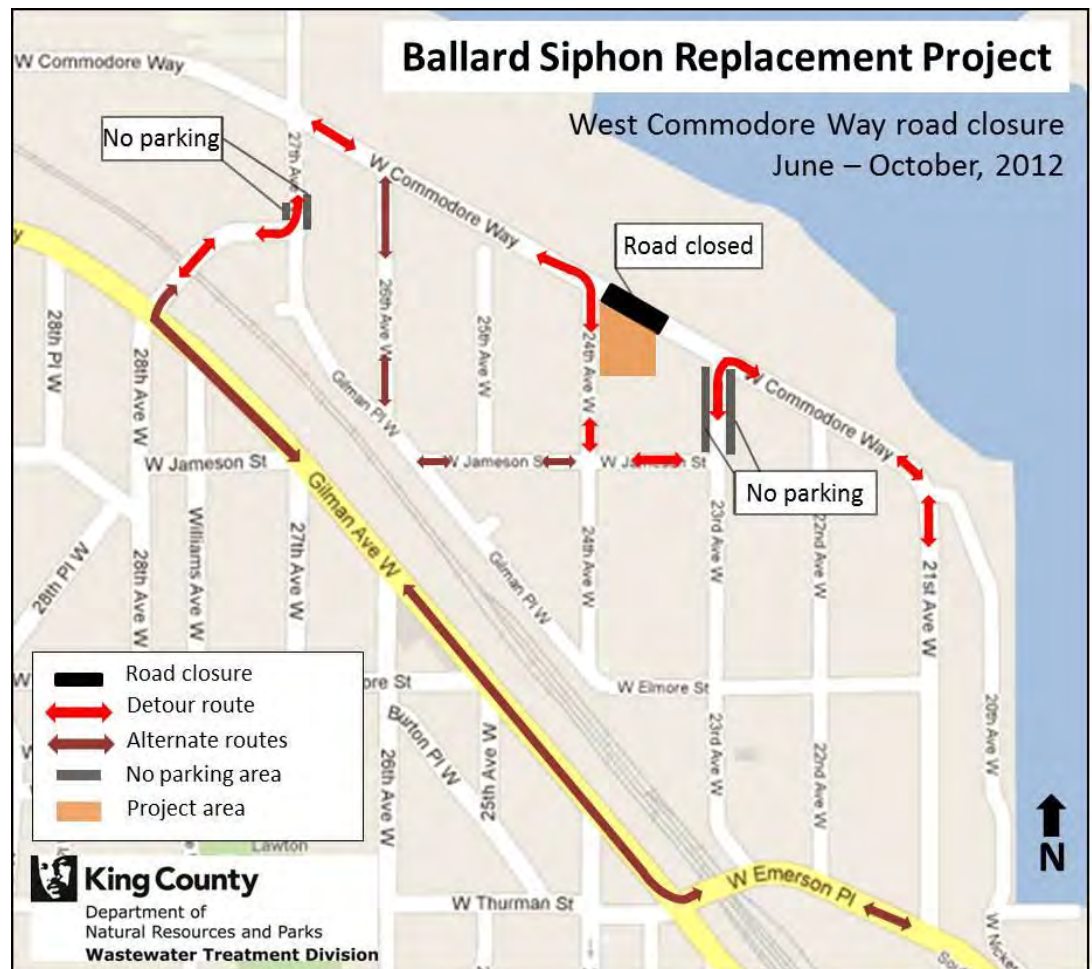
Winter 2011 – Summer 2012	Tunneling machine access shafts excavated
Summer – Early Fall 2012	Junction structure constructed at south site Traffic detours begin on West Commodore Way
Summer 2012 – Winter 2013	Tunneling
Spring – Summer 2013	Regulator structure added at north site
Fall 2013	Existing siphon relined Traffic detours begin on Shilshole Avenue NW New siphon connected to conveyance system
December 2013	Complete restoration Final inspection Project closeout

South Site: West Commodore Way Road Closure

West Commodore Way is closed between 23rd Avenue West and 24th Avenue West for approximately four months (June through early October). Traffic is being detoured around the road closure via 23rd Avenue West, West Jameson Street and 24th Avenue West (*see map*). The road closure is necessary to connect existing sewer pipes to the new siphon pipeline.

WHAT TO EXPECT DURING THE ROAD CLOSURE:

- Traffic control signs and staff to ease congestion
- Parking restrictions along the detour route (*see map*)
- High levels of activity involving crews, cranes, excavation equipment and trucks; noise and dust typical of a construction site
- Increased truck traffic along the detour route
- Typical work hours Monday - Friday, from 7 a.m. until 6 p.m.; longer weekday hours and Saturday work possible



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