



BREAKWATER REPLACEMENT PROJECT UPDATE

THE PROJECT

What's Happening?

The marina breakwater is in the process of being replaced! The Port has been planning this very important project for several years and is now moving forward with construction! Typically, the useful life of a breakwater structure like the old one at the Port is on the order of 30 to 40 years; constructed in 1962 our prior

breakwater is now reaching 60 years old. Thanks to the generous donation of used concrete floats from Elliot Bay Marina and significant grant funding, a new floating breakwater with transient moorage and public access is being constructed and will be opened to the public in early 2024!

FUNDING ACKNOWLEDGMENTS

This project was made possible by the Washington State Recreation and Conservation Office (RCO) Boating Facilities Program (\$1,000,000 grant funds awarded), the U.S. Fish and Wildlife Service Boating Infrastructure Grant Program (\$1,440,474 grant funds awarded), and Elliot Bay Marina which donated used concrete floats to be refurbished for the new floating breakwater.

Construction Notices for Marina Users

- **Public Bidding was completed in February 2022; a total of six bids were received. Quigg Bros Inc., an Aberdeen based marine contractor, was awarded the project with a low bid of \$8,122,495.**
- **Construction of the new floating breakwater is complete! Breakwater facilities including public waterfront access and transient moorage will be opened to the public in early 2024!**

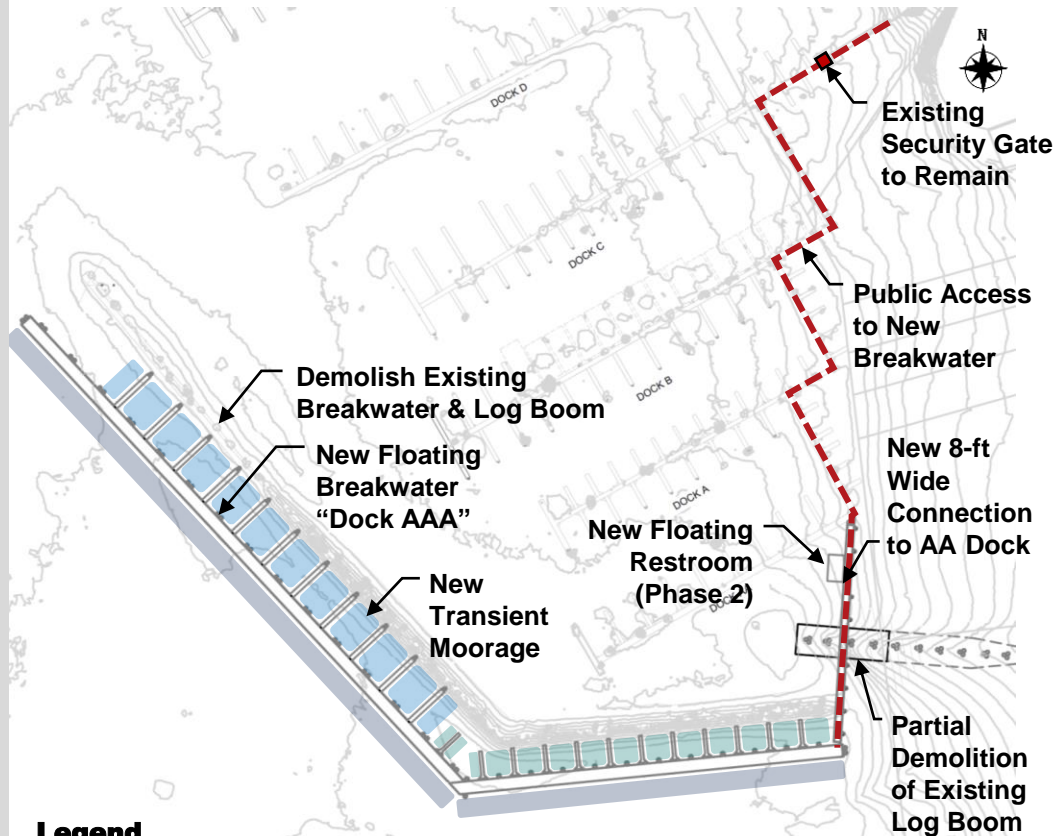




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DESIGN HIGHLIGHTS

- The floating breakwater will be constructed using completely refurbished donated breakwater pontoons in combination with some new pontoons. The breakwater will be anchored with steel piles centered on each double slip.
- The new breakwater will be located 60-ft SE & 40-ft S (seaward) of the existing breakwater and log boom.
- Installation of the new breakwater will occur prior to removal of the existing breakwater to maintain marina protection.
- Wave attenuation of the floating breakwater is expected to provide “moderate” performance. A structurally sound pile wall like the existing breakwater provides “good” performance. Following construction of the new breakwater, wave energy inside the marina is expected to increase by 10 to 20% as a result of unrestricted flow beneath the floating breakwater.

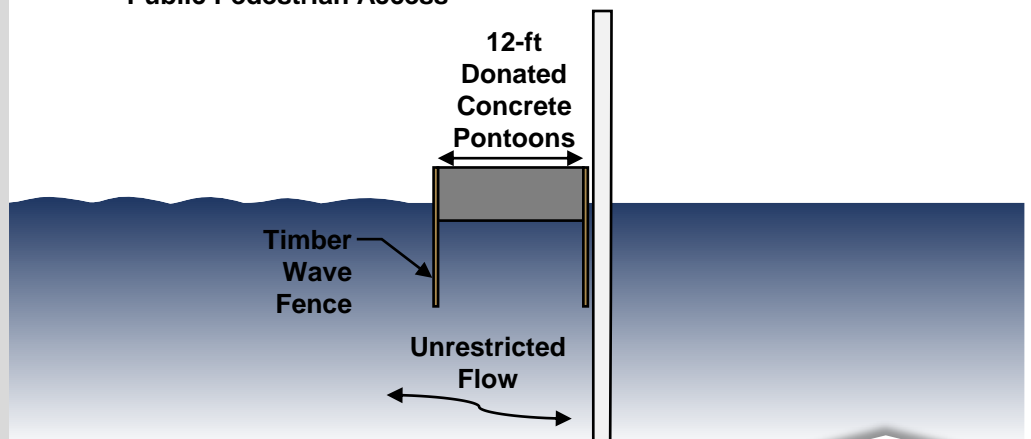


Legend

- 50-ft double slips (42 ft. clear berthing width) incl. 30A & 50A service & potable water at ea. slip (22 total slips)
- 30-ft double slips (32 ft. clear berthing width) incl. 30A service & potable water at ea. slip (25 total slips)
- Variable LOA side tie slips for vessels up to 75' LOA incl. 30A & 50A service & potable water
- Public Pedestrian Access

BREAKWATER AMENITIES

- Power pedestals provided (30A and/or 50A, see legend). The Port is maximizing electrical hookup options within the available electricity service limits.
- A new floating restroom is also planned.
- Lighting will be provided on the New Breakwater (Dock AAA) & connection to Dock AA.
- Safety ladders & equipment, and a fire suppression system will be installed to meet current requirements.
- Security upgrades are planned for separation between transient and permanent moorage (Phase 2).





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PROJECT CONSTRUCTION MILESTONES

- **Public Bidding**
February 2022
- **Material Procurement**
Complete
- **On-Site Mobilization**
July 2022
- **Complete Refurbishment of Donated Floats**
July – October 2022
- **Installation of Breakwater Piling**
November 2022– January 2023
- **Installation of Floating Breakwater**
November 2022 – March 2023
- **Demolition of Existing Breakwater**
December 2022 – January 2023
- **Installation of Utilities**
March – May 2023
- **Final Construction & Testing**
April – June 2023
- **Installation of Finger Piers**
November 2023 – December 2023
- **New Floating Breakwater Open to Public!**
Early 2024

RECENT PHOTOS



Construction of the new floating breakwater is complete!



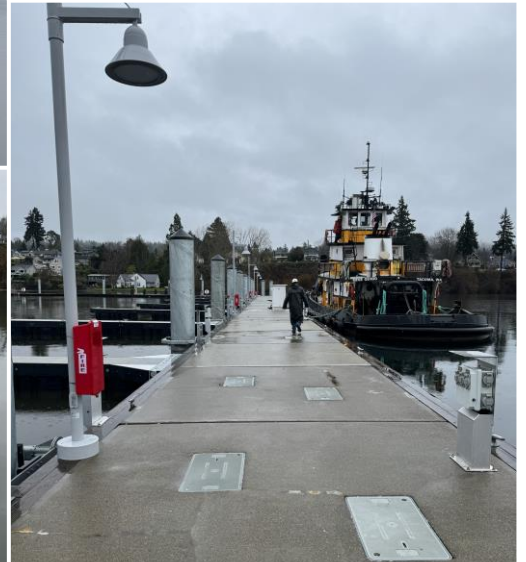
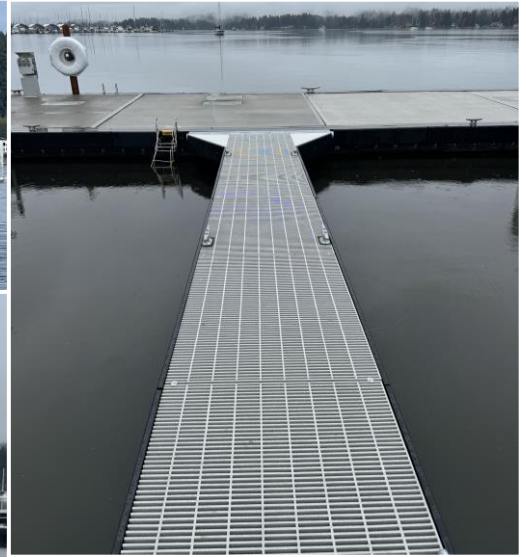
30-ft and 50-ft Finger Floats were installed for Transient Moorage

DECEMBER 2023

BREAKWATER REPLACEMENT PROJECT PROJECT UPDATE



The New Breakwater



WANT TO KNOW MORE?

Email us your questions and feedback!

As stakeholders in the Port of Poulsbo marina, your voice matters! Send your questions and feedback regarding this very important project to the email below:

QUESTIONS Breakwater@portofpoulsbo.com

PAGE 4 OF 4