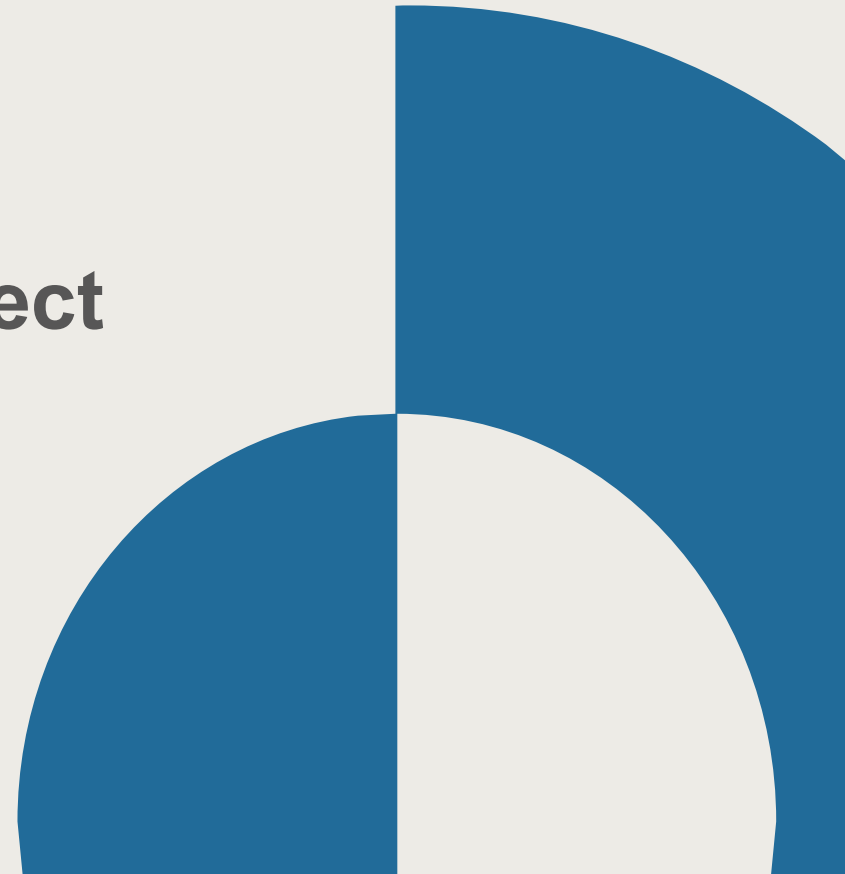




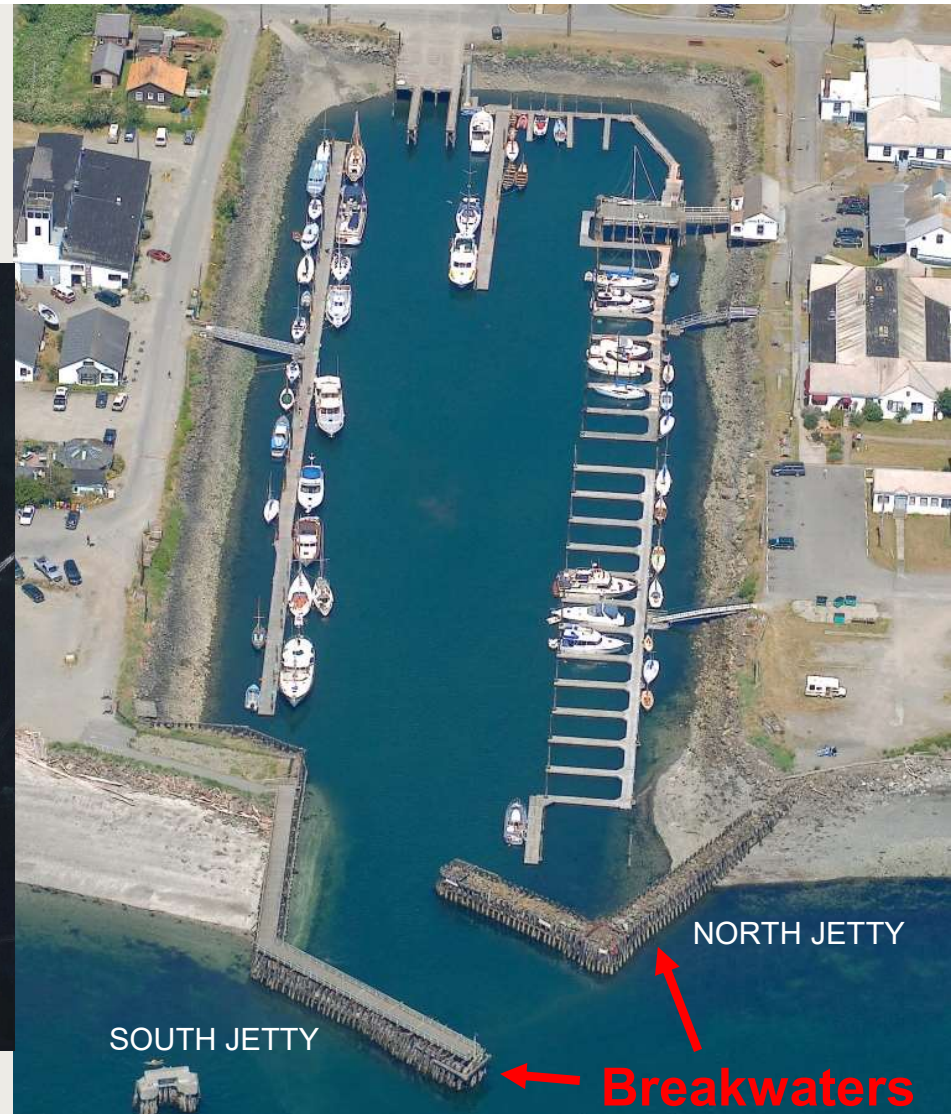
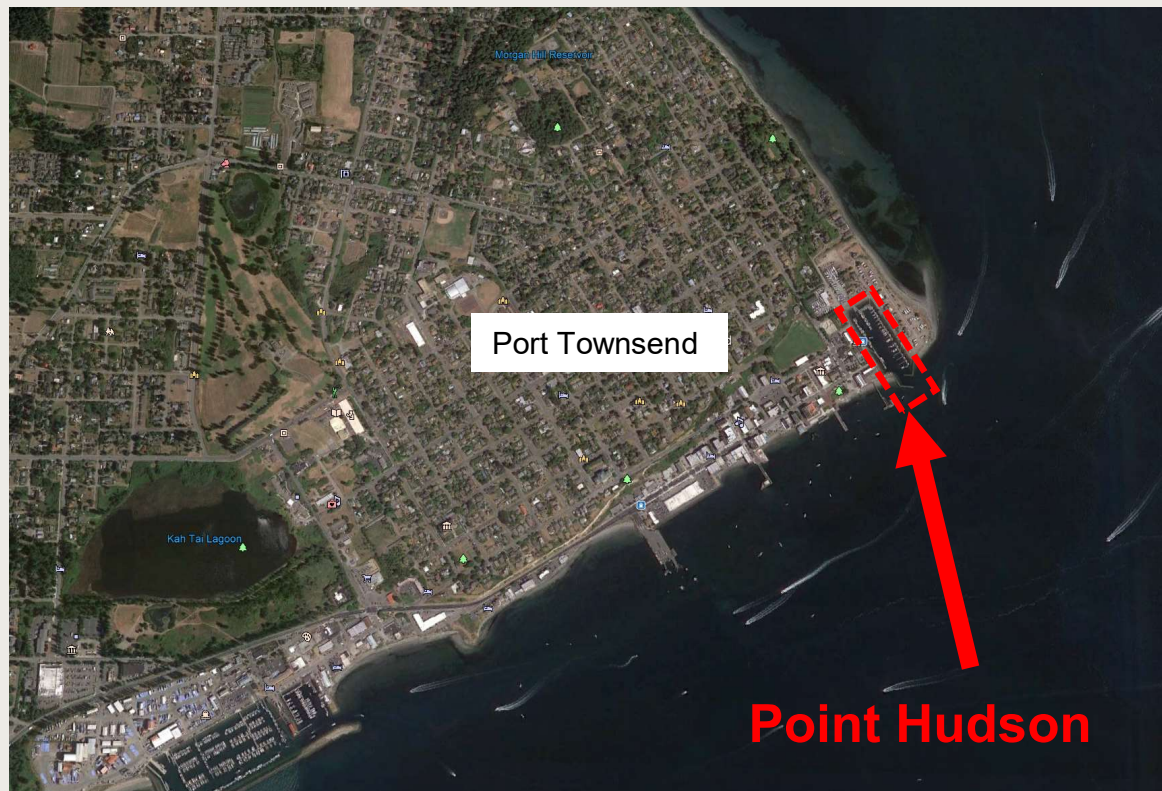
Point Hudson

Breakwater Replacement Project

Port Commission Workshop
June 2022



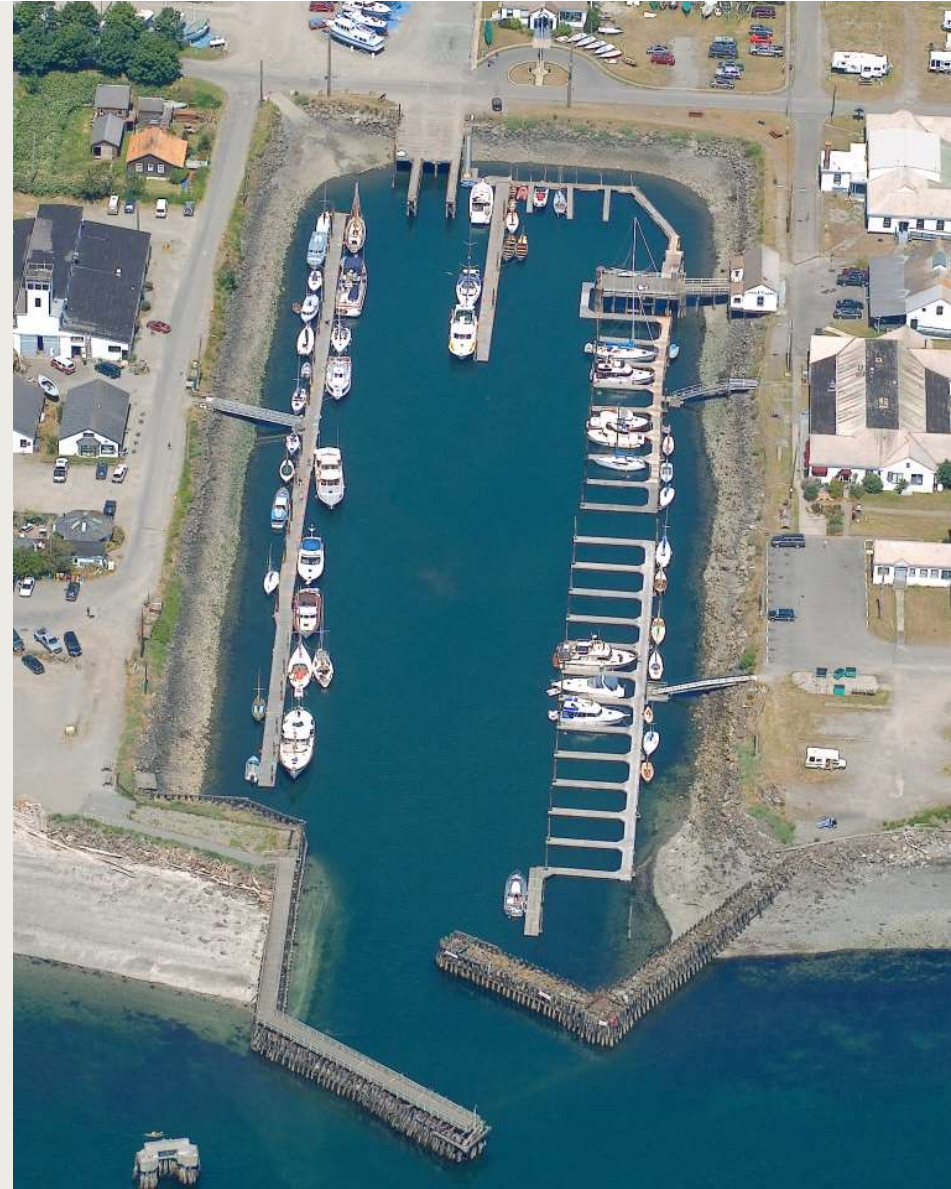
Vicinity Map



Construction Objectives

Overview

- Safely remove the existing dilapidated structures and replace with new breakwater
- Results in a new breakwater providing wave protection for the Point Hudson Marina for design life.
- Compliance with the environmental commitments.
- Minimizes the time the marina is vacated during construction.
- Delivery near the Engineer's Estimate (\$14 – \$15 M)



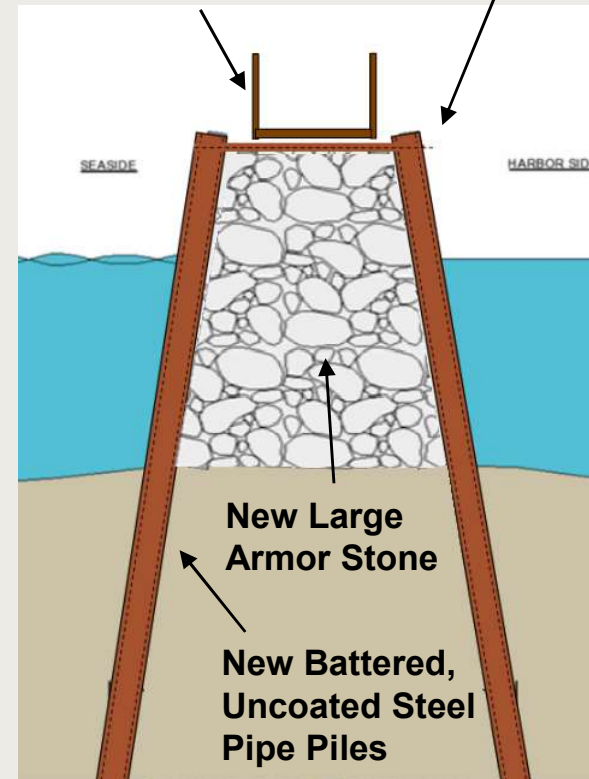
Timeline

Target Dates

- Advertisement - May 20
- Bid Opening - June 21
- Award/Contract Execution – July 19
- First Workday – September 15

**New 8' Wide Walkway
(south breakwater only)**

12"x16" FRP waler



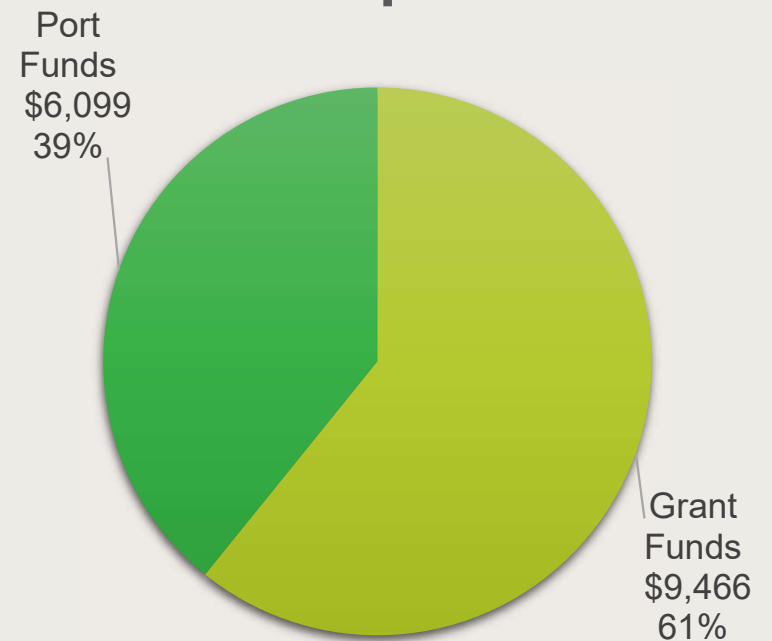
Section A - A

A Look at Funding as it Now Stands

Funding (in thousands)

State Capital Budget \$	980
State 2022 Suppl. Ports Infrastructure Grant \$	1,455
U.S. Economic Development Admin \$	7,031
Port Industrial Development District \$	5,399
Port Wide Capital Reserves \$	700
<hr/>	
Subtotal Funding \$	15,565

Participation



Contract Time

Contract time based on calendar dates (milestones).

Milestones <i>(2 Consecutive Seasons)</i>	Working Days <i>(M-F) (7 AM- 6 PM)</i>
Begin In-Water Work - September 15	0
In-Water Work Complete - January 15	80
Substantial Completion - March 1	112
Physical Completion - March 15	122

In-Water Work is Work that has the potential to create turbidity or create under water noise occurring **below** the water surface and is therefore subject to the limitations of the in-water work window from September 15 to January 15 during two consecutive construction seasons. The limitation does not apply to equipment that operates under USCG rules for vessels.

- Contract includes Liquidated Damages for not meeting the substantial completion milestone i.e. contractor is late.
- Contractor must account for weather delay (*except force majeure*) in the contractor's schedule.

“Sweet Dance Moves” – Napoleon Dynamite

June

- Immediately following Jetty bid process, an email is sent to all current vessel tenants asking preference of the options available

July

- Accumulate/analyze responses, layout marina movement plan
- Informational open house for marina tenants



A 2018 storm damaged the breakwaters, breaking pile tops, severing cable ties and further eroding the armor rock core.

August

- Issue assignments for Point Hudson Tenants
- Assess for possibility of accommodating PH-BH annual transfers

September 1st

- Guest monthlies at boat haven that started after 4/1/22 end moorage

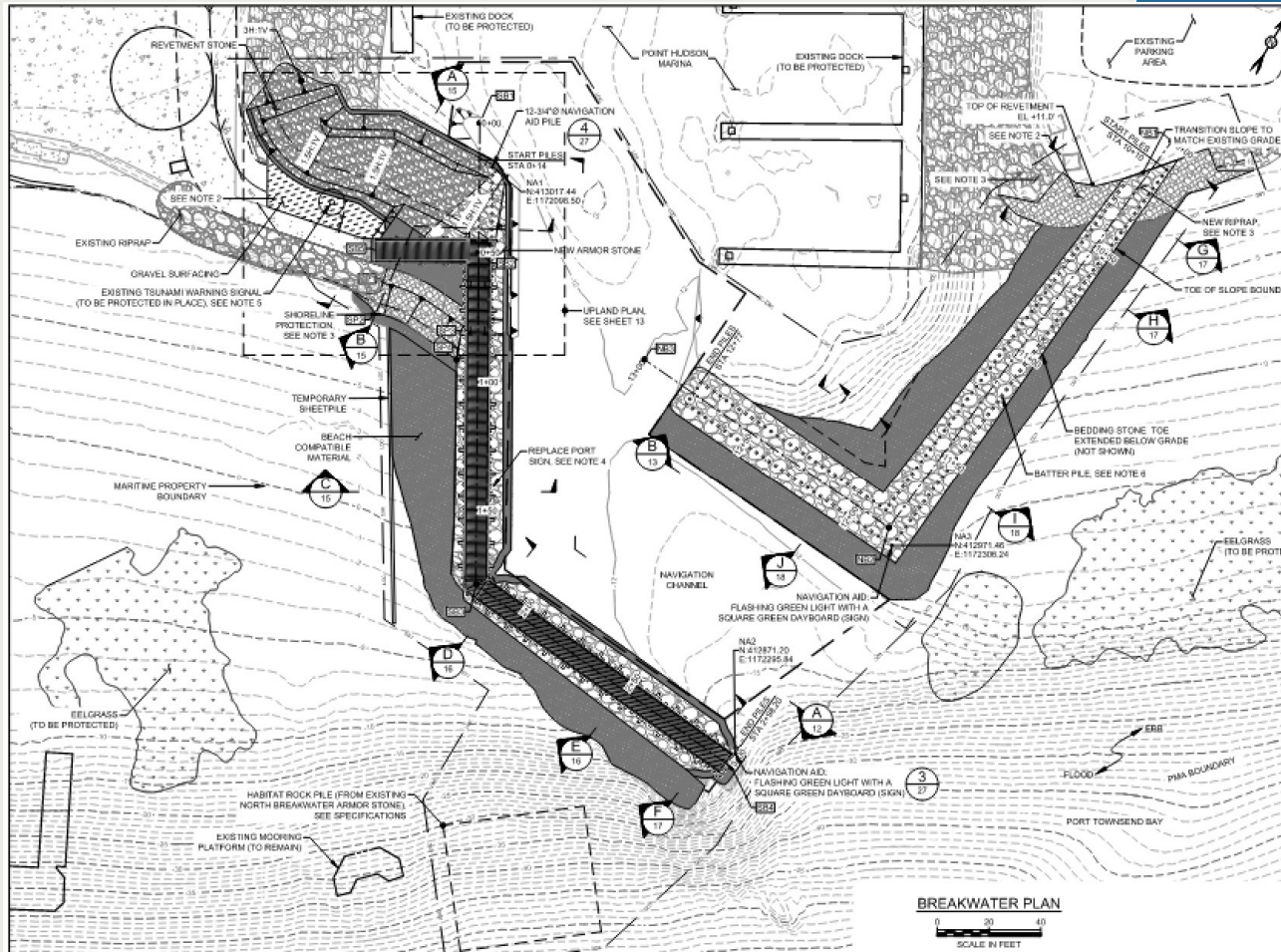
9/1 to 9/8

- Point Hudson tenants not participating in WBF transition to Boat Haven

9/11 to 9/12

- WBF participants move to Boat Haven

Breakwater Design



Questions?

