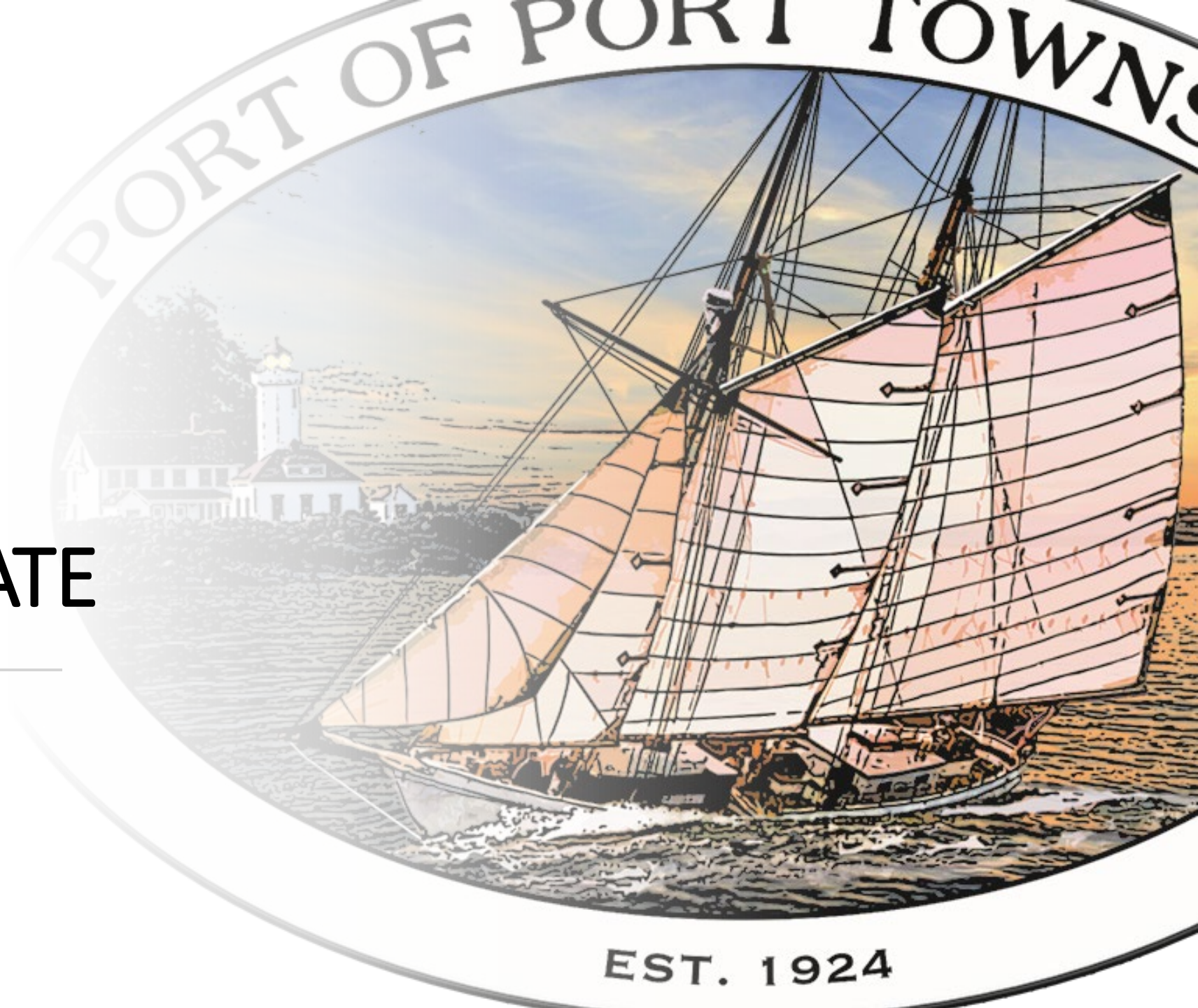
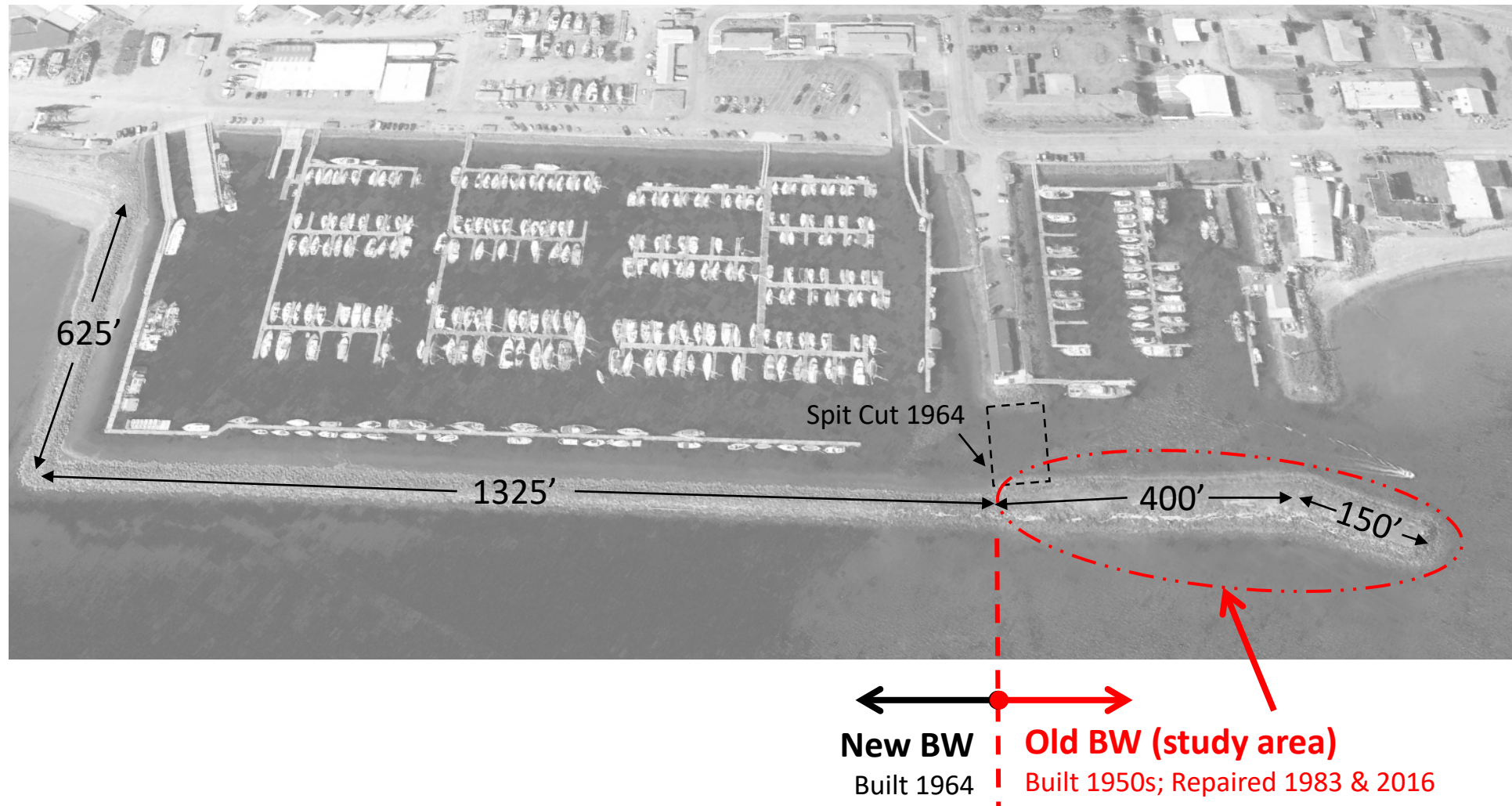


BOAT HAVEN BREAKWATER PROJECT UPDATE

PORT COMMISSION RETREAT
FEBRUARY 2024



Boat Haven Breakwaters (BWs)



History of Breakwaters (BWs)

Boat Haven Marina

- 1950s – Old BW constructed
- 1964 – New BW constructed, spit cut
- 1983 – Repair work on Old BW, designed by R.A. Leach
- 2012 – Repair, date not certain (presence of granite stone)
- 2016 – Winter storm results in damage
- 2016 – Port completes Condition Assessment of Boat Haven BW
- 2017 – Complete repair on a portion of the Old BW
- 2018 - Winter Storm results in damage
- 2019 – Repair of a portion of the Old BW suspended until permitting complete
- 2022 – Permits in hand, repair work may resume

















§ 216

3x3

50% local

Study = local match
Fed interest
New start

years

§ 509

WADA 1996

What's needed for
USACE to assume
maint. ?

- (1) Meets USACE Standard
- (2) Enviro ✓
- (3) econ. justification

§ 204(F) + § 408

- USACE can advise/help
- Can do majority of work
@ Pmt cost
- Asst. Sec. Army - final approval
- MOA - USACE takes on maintenance.

§ 408 @ 65% design

- NEPA
- No negative impact on USACE
project

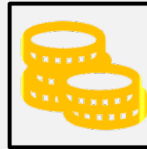
Funding as it Stands Now



Anticipating **\$800,000** in Federal funds through the House's Port Infrastructure Development Program (PIDP)



Current Port budget programmed **\$200,000** using Boat Haven Capital Reserve funds and **\$300,000** using Industrial Development District Levy funds



Total Project Funding = \$1,300,000



A balance of **Habitat Mitigation Credits** remains for the Boat Haven Breakwater that will go away. The estimated cash value of those credits is more than **\$1,000,000**