

Item: 6A  
Date: 11/21/23

# Blair Waterway Navigation Channel Project Authorization & Design Agreement Approval (Tacoma Harbor Navigation Improvement Design Agreement & Authorization)

**Tony Warfield**

Sr. Project Manager, Environmental & Planning

Port of Tacoma Commission Meeting  
November 21, 2023



- Request Authorization for the Executive Director to enter into the Tacoma Harbor Navigation Improvement Design Agreement with the US Army Corps of Engineers and project authorization in the amount \$5,615,000 for a total authorized amount of \$5,615,000, for work associated with the Blair Waterway Navigation Channel Deepening Design, Master Identification No. 101651.01.

# The Need





# Full Blair Waterway Dredging Program

## BLAIR WATERWAY DEEPENING PROGRAM 2023-2029



### FUNDING KEY

FUNDED BY  
PORT OF TACOMA

FUNDED BY NWSA

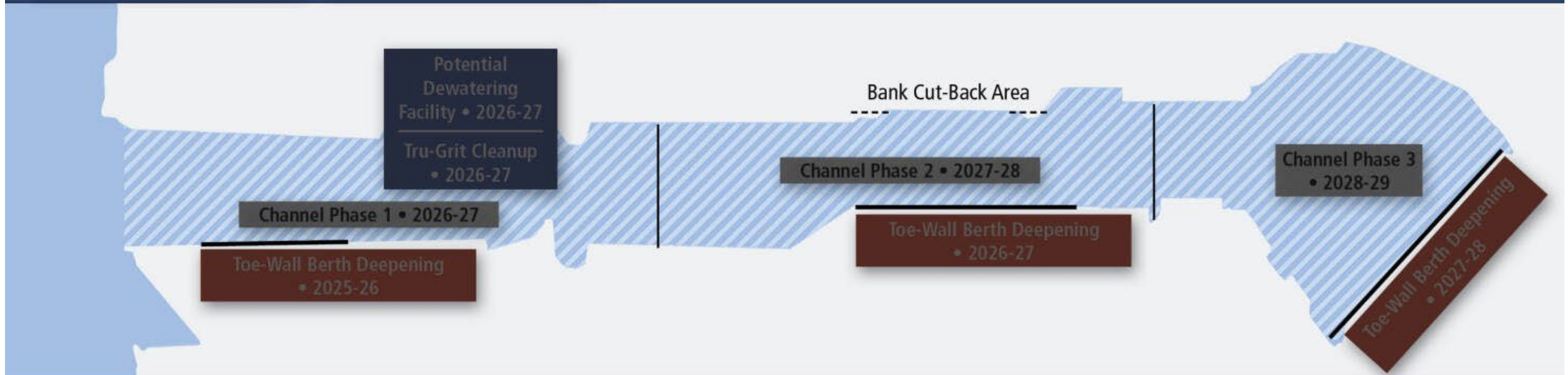
FUNDED BY  
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# Navigation Channel Deepening

OPEN WATER  
MARINE DISPOSAL  
FACILITY



## BLAIR WATERWAY DEEPENING PROGRAM 2023-2029



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# Blair Waterway Navigation Channel Design Financial Detail

Item	This Request	Total Previous Requests	Total Request	Total Project Cost	Cost to Date	Remaining Cost
Design	\$5,615,000	\$0	\$5,615,000	\$5,615,000	\$0	\$5,615,000
Construction	\$0	\$0	\$0	\$85,000,000	\$0	\$85,000,000
Project Total	\$5,615,000	\$0	\$5,615,000	\$90,615,000	\$0	\$90,615,000

# Total Blair Waterway Dredging Investment



Item	Project Cost	Cost to Date	Remaining Cost
Feasibility Study	\$ 1,783,000	\$ 1,783,000	\$ 0
Navigation Channel Design	\$5,615,000	\$0	\$5,615,000
Navigation Channel CONSTRUCTION	\$ 85,000,000	\$ 0	\$ 85,000,000
Tru-Grit Cleanup Design*	\$75,000	0	\$75,000
Tru-Grit Cleanup Construction	TBD	\$0	TBD
ECHO Deign	\$1,100,000	\$1,460	\$1098,535
ECHO Construction	\$5,350,000	\$0	\$5,350,000
Husky Design	\$2,112,500	\$12,037	\$2,100,463
Husky Construction	\$18,407,500	\$0	\$18,407,500
WUT Design	\$2,532,500	\$11,124	\$2,521,376
WUT Construction	\$28,087,500	\$0	\$28,087,500
PCT Design	TBD	TBD	TBD
PCT Construction	TBD	TBD	TBD
<b>TOTAL**</b>	<b>\$150,063,000*</b>	<b>\$1,807,621</b>	<b>\$148,255,379*</b>

# Blair Waterway Navigation Channel Schedule

Activity	Timeframe
Design Agreement Signing	December 12, 2023
Establish Design Team	Q1-2024
Ship Simulation	~Q4 2024
Complete Design	Q2 2026
Begin Construction	Q3 2026



- Alternative 1: No Action. Do not team with the Corps to design a deepening project for the Blair Waterway navigation channel. Navigation channel remains at -51'. Likely do not deepen berth areas.
- Alternative 2: Team with Corps to deepen the Blair Waterway navigation channel in the context of the larger Blair Waterway deepening program.

**Alternative 2 is the recommended course.**

- Permitting: Corps responsible for obtaining approvals
- Remediation:
  - 16% of material assumed to be unsuitable for open water disposal
  - Tru-Grit/CanAm Cleanup
  - Possibly near Blair Backup Property
- Stormwater: N/A
- Air Quality
  - Temporary construction impacts
  - Long-term reduction due to larger ships making fewer calls

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# Thank You

## Questions & Discussion



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