



# MEMORANDUM

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**Ordinance 25-53, An Ordinance of the City Council of Homer, Alaska, Amending the FY26 Capital Budget by Appropriating an Additional \$16,000 from the Port Reserves Fund for the Deep Water Dock Fender Repair Project. City Manager/Port Director.**

**Item Type:** Back Up Memorandum  
**Prepared For:** Mayor Lord and Homer City Council  
**Date:** July 30, 2025  
**From:** Bryan Hawkins, Port Director  
**Through:** Melissa Jacobsen, City Manager

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## Summary

The fender unit at the inside berth of the Deep Water Dock has been successfully repaired and the berth is fully back in service. During repairs, we encountered unforeseen conditions that required significant changes to the original plan. As a result, the total cost of the project exceeded the approved amount. We request an additional \$16,000 to cover these necessary expenses.

## Background

We initially planned to reuse abandoned construction piles from the dock's initial build to support the repaired fender. After lifting and removing the fender unit, we discovered that both support pin piles had sheared off approximately four feet above the mudline and could not be reused. This required us to start from scratch.

Our team located suitable piles from our spare parts inventory, but we had to piece them together from remnants and weld them to meet the required length. We relocated the fender unit slightly along the dock to reach undisturbed substrate and fabricated a custom driving template to ensure proper alignment for the new piles. These additional steps required more labor, materials, and equipment time.

## Justification

Given the circumstances and the critical function of the fender at this berth, I made the decision to proceed with the modified repair plan without delay. No viable alternative that would serve the City's interest better than completing the repair as quickly and effectively as possible. The total with overage of \$61,275 reflects the actual costs of this necessary work. Considering the complexity of challenges and the urgency of restoring the Deep Water Dock's berth functionality, this expense is reasonable and justified.

**Recommendation**

Approve Ordinance 25-53 authorizing an additional \$16,000 to cover the cost overage for the Deep Water Dock fender repair.

**Attached**

Ordinance 25-34 with backup Memorandum CC-25-104



**CITY OF HOMER  
HOMER, ALASKA**

City Manager/  
Port Director

**ORDINANCE 25-34**

AN ORDINANCE OF THE CITY COUNCIL OF HOMER, ALASKA,  
AMENDING THE FY25 CAPITAL BUDGET BY APPROPRIATING  
\$45,500 FROM THE PORT RESERVES FUND FOR THE PURPOSE OF  
REPLACING A FENDER ON THE DEEP WATER DOCK AND  
AUTHORIZING SINGLE-SOURCE PROCUREMENT.

WHEREAS, The fenders on the Deep Water Dock (DWD) protect the dock's structure by absorbing the shock during docking operations to secure safe landings for vessels; and

WHEREAS, A misplaced piling from the original construction was cut off rather than removed; and

WHEREAS, One of the fenders on the DWD was damaged on the inside berth due to repeated contact with this misplaced piling at low tide; and

WHEREAS, If this fender goes unrepaired, it would mean no usage of the inside berth or access for vessels to utilize the crane, on the DWD; and

WHEREAS, Contracting Alaska Industrial Services, LLC, through single source procurement, is necessary for this repair as it requires specialized and familiar knowledge of the DWD, underwater cutting, mobile crane operations, and structural fastening; and

WHEREAS, Included with the total amount allocated is a 15% contingency for any unanticipated costs.

NOW, THEREFORE, THE CITY OF HOMER ORDAINS:

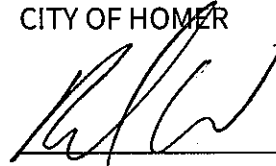
Section 1. The Homer City Council hereby amends the FY25 Capital Budget by appropriating \$45,500 as follows:

<u>Fund</u>	<u>Description</u>	<u>Amount</u>
456-0380	DWD Fender Repair	\$45,500

Section 2. This ordinance is a budget amendment only, is not of a permanent nature and is a non-code ordinance.

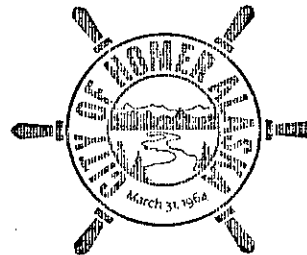
ENACTED BY THE CITY COUNCIL OF HOMER, ALASKA this 28<sup>th</sup> day of April, 2025.

CITY OF HOMER

  
RACHEL LORD, MAYOR

ATTEST:

  
RENEE KRAUSE, MMC, CITY CLERK



YES: 5  
NO: 0  
ABSTAIN: 0  
ABSENT: 1

First Reading: 04.14.25  
Public Hearing: 04.28.25  
Second Reading: 04.28.25  
Effective Date: 04.29.25



# MEMORANDUM

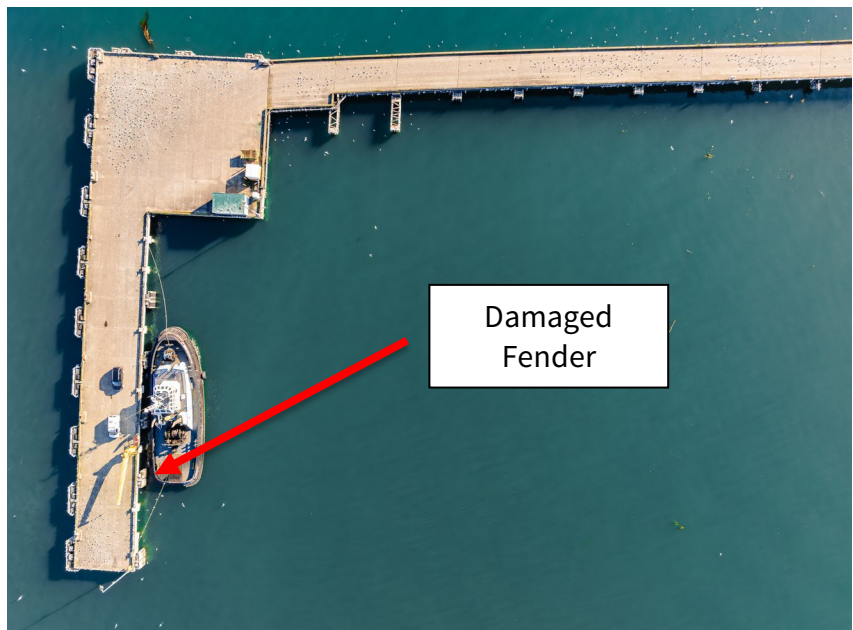
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**Ordinance 25-34, An Ordinance of the City Council of Homer, Alaska Amending the FY25 Capital Budget by Appropriating \$45,500 from the Port Reserves Fund for the Purpose of Replacing a Fender on the Deep Water Dock and Authorizing Single-Source Procurement. City Manager/Port Director.**

**Item Type:** Back Up Memorandum  
**Prepared For:** Mayor Lord and Homer City Council  
**Date:** March 25, 2025  
**From:** Bryan Hawkins, Port Director  
**Through:** Melissa Jacobsen, City Manager

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The Deep Water Dock, built in 1990, has three berths for ships to moor and is designed for large vessels that are too big to utilize the Homer Small Boat Harbor. The dock's outer face measures 345 feet but can accommodate vessels up to 800 feet long by extending past the dock when moored. Offset fenders are crucial for protecting the Deep Water Dock and support piles from the weight and impact of large vessels mooring at the dock. These fenders are designed to absorb shock during docking operations and the inside berth fenders weigh approximately 30,000 lbs. The fender system is designed to slide overtop of two pin piles that are driven into the seafloor and then are bolted to the dock face with brackets. Between the fender and dock are large rubber shock absorbers to assist with potential impact that can occur when a ship arrives at the berth.



## **Fender Damage and Cause**

Port Maintenance discovered a damaged fender on the Deep Water Dock on the inside berth. Bolts that support the fender have corroded, and several timbers on the fender are damaged or broken.

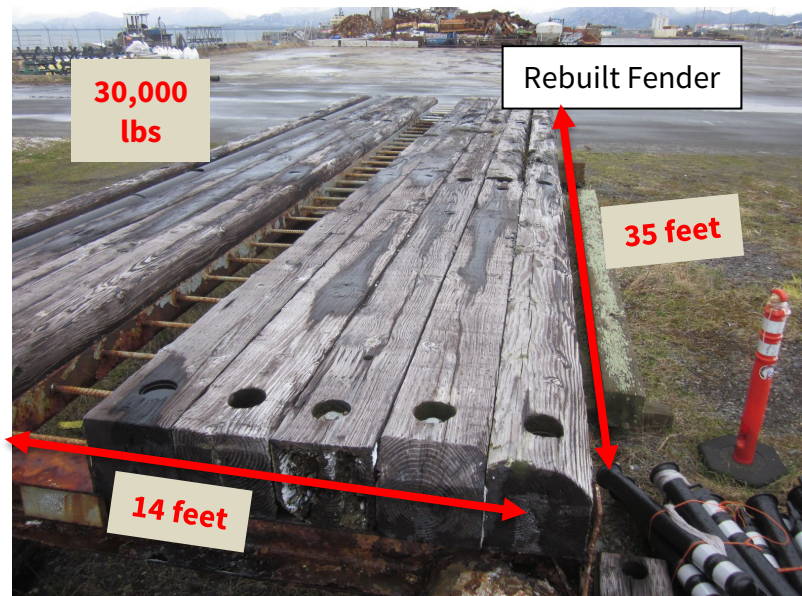
Staff also noted that the fender unit had dropped by six inches and appeared to just be hanging from the dock fasteners.

The issue was traced to old piling infrastructure left during the original construction of the Deep Water Dock which is protruding from the seafloor and interfering with this fender unit.

### Repair Plan

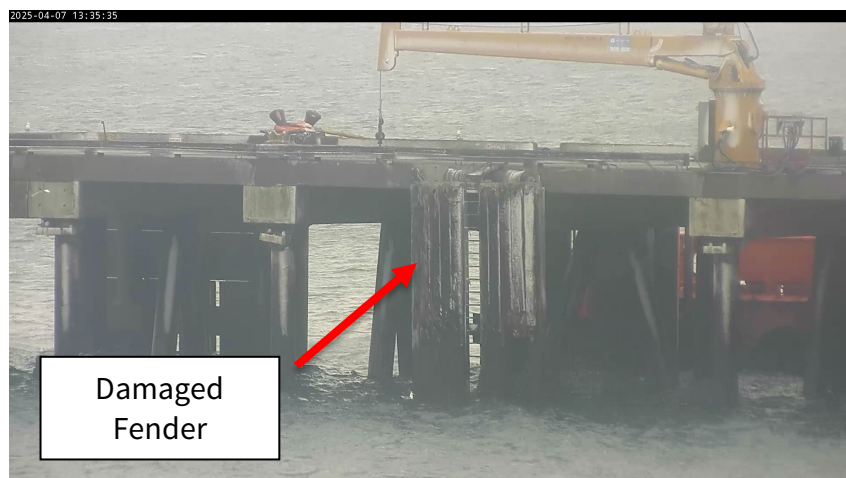
Fortunately, Port Maintenance has a rebuilt spare fender for the inside berth, saving costs. However, because of the physical size (14' wide, 35' long, and almost 30,000 lbs) specialized crew and equipment are needed for its installation.

- A mobile crane will be necessary to be positioned on the dock to lift and remove the current fender and replace it with the “ready-to-go” rebuilt fender.
- A diver will be required to cut off and remove the derelict piling that was left from the original installation of the deep water dock.
- Drill and epoxy new anchoring bolts into the dock face to secure the fender brackets to the dock.
- Once the dock is ready, the new fender will be installed and bolted into place with the assistance of the mobile crane.



### Request for Single-Source Contractor

Due to the specialized nature of this fender repair, it is crucial to hire Alaska Industrial Services, LLC, a contractor experienced in dock fender systems, underwater cutting, crane operations, and structural fastening. Their familiarity with this dock ensures repairs are done correctly and on time. Choosing single source



procurement ensures that the contractor will have the necessary tools, equipment, and expertise, eliminating the need for multiple contractors.

This repair plan to replace the dock fender will ensure the continued functionality of the inside berth for vessels using the Homer Port facility. Authorization of a single-source procurement will ensure the Deep Water Dock will be repaired correctly and timely to provide a fully operational fender.

**Recommendation:** Homer City Council approve Ordinance 25-34 amending the FY25 budget by allocating \$45,500 and authorizing single source procurement for the fender repair.



# CITY OF HOMER FINANCIAL SUPPLEMENT

PROJECT NAME	DWD Fender Replacement	DATE	04/09/2025
DEPARTMENT	Port and Harbor	SPONSOR	City Manager/Port Director
REQUESTED AMOUNT	\$ 45,500		

DESCRIPTION	The fenders on the Deep Water Dock (DWD) protect the dock's structure by absorbing the shock during docking operations to secure safe landings for vessels. A misplaced piling from the original construction was cut off rather than removed. One of the fenders on the DWD was damaged on the inside berth due to repeated contact with this misplaced piling at low tide. If this fender goes unrepaired, it would mean no usage of the inside berth or access for vessels to utilize the crane, on the DWD. Contracting Alaska Industrial Services, LLC, through single source procurement, is necessary for this repair as it requires specialized and familiar knowledge of the DWD, underwater cutting, mobile crane operations, and structural fastening. Included with the total amount allocated is a 15% contingency for any unanticipated costs.
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FUNDING SOURCE(S)	OPERATING	GF CARMA	GF FLEET CARMA	PORT RESERVES	WATER CARMA
	0%	0%	0%	100%	0%
	HAWSP	HART-ROADS	HART-TRAILS	PORT FLEET RESERVES	SEWER CARMA
	0%	0%	0%	0%	0%

FUNDING SOURCE 1: PORT RESERVES		FUNDING SOURCE 2:		FUNDING SOURCE 3:	
Current Balance	\$ 1,078,438	Current Balance	_____	Current Balance	_____
Encumbered	\$ 551,596	Encumbered	_____	Encumbered	_____
Requested Amount	\$ 45,500	Requested Amount	_____	Requested Amount	_____
Other Items on Current Agenda	\$ 46,300	Other Items on Current Agenda	_____	Other Items on Current Agenda	_____
Remaining Balance	\$ 435,042	Remaining Balance	_____	Remaining Balance	_____
FUNDING SOURCE 4:		FUNDING SOURCE 5:		FUNDING SOURCE 6:	
Current Balance	_____	Current Balance	_____	Current Balance	_____
Encumbered	_____	Encumbered	_____	Encumbered	_____
Requested Amount	_____	Requested Amount	_____	Requested Amount	_____
Remaining Balance	_____	Remaining Balance	_____	Remaining Balance	_____