



# ALASKA'S PORTS & HARBORS

A Presentation to the Senate Transportation Committee

April 27, 2021





# AAHPA For Over 40 Years

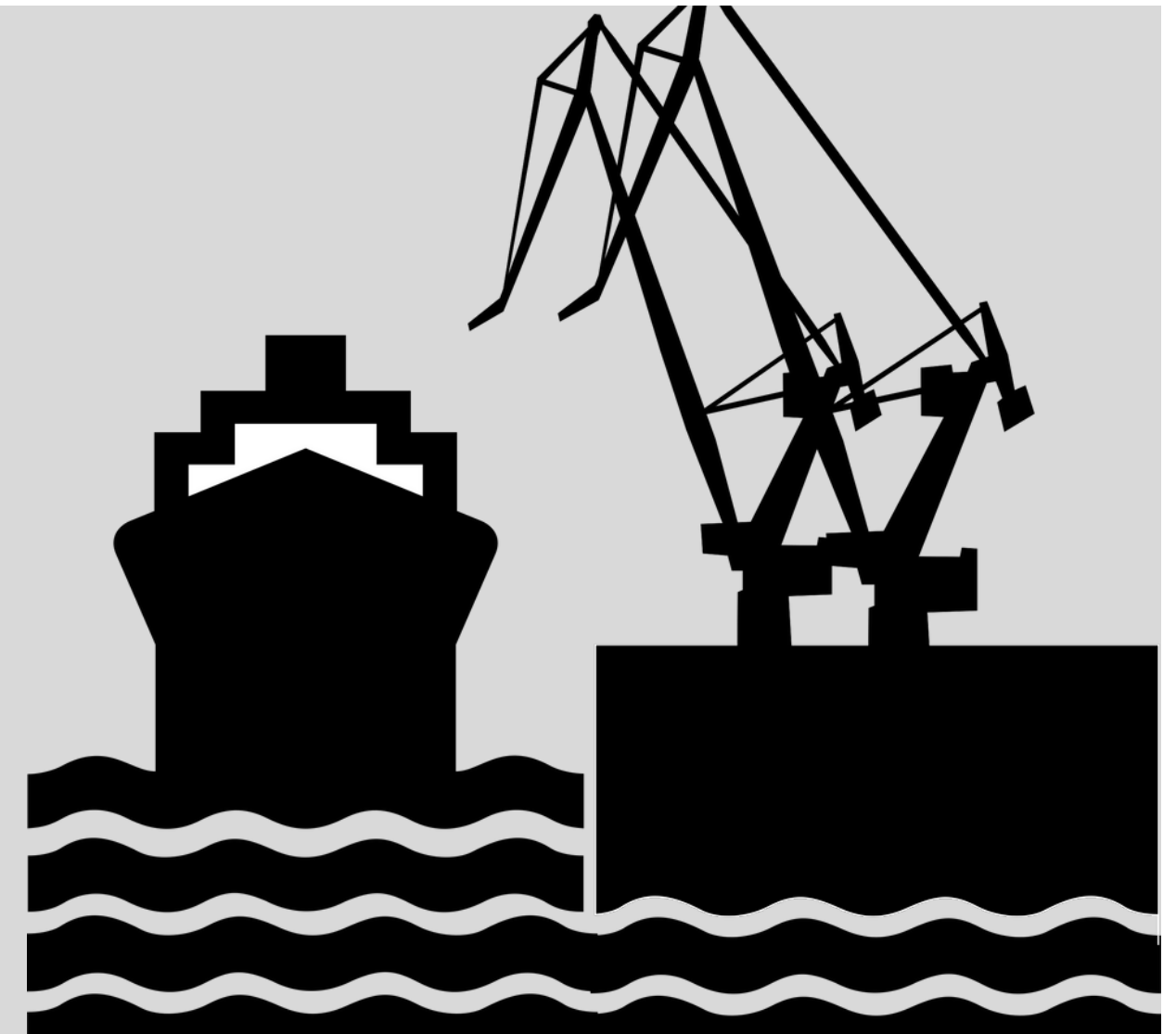
## Core Purpose

To promote and serve Alaska's ports and harbors.

## Core Values

Advocacy | Communication and Information Resource |

Sustainable, Safe, and Secure Infrastructure





Membership

# 43 Port & Harbor Facilities

**39 Alaska Municipal Ports & Harbors**  
**Alaska Railroad**  
**2 Alaska Native Associations**  
**Port of Seattle/Fishermen's Terminal**















Membership

Our members  
represent ~90% of  
Alaska's municipal  
port & harbor  
facilities





# 56 Industry Members & Agency Partners

Membership

- Engineering
- Construction
- Fabrication
- Environmental
- Electrical
- Fuels
- Transportation
- Software
- Accessories/Parts
- Diving & Salvage





## INTERCONNECTED

Alaska's ports and harbors are critical to nearly every community in the state.





# WHAT WE DO



## **NETWORKING & RESOURCE SHARING**

Annual conferences in fall and winter

Monthly newsletters

Email listserv for all members

Training opportunities through partnerships

## **ADVOCACY**

Working with AML, the State Legislature, and Federal Delegation on member supported issues, including the Harbor Facility Grant program. Providing information as subject matter experts on Alaska's ports and harbors.

## **INFORMATION GATHERING**

Supporting efforts to track and understand infrastructure needs, economic benefits, regulatory hurdles, and other priority questions for members statewide.





# MAINTAINING & EXPANDING INFRASTRUCTURE

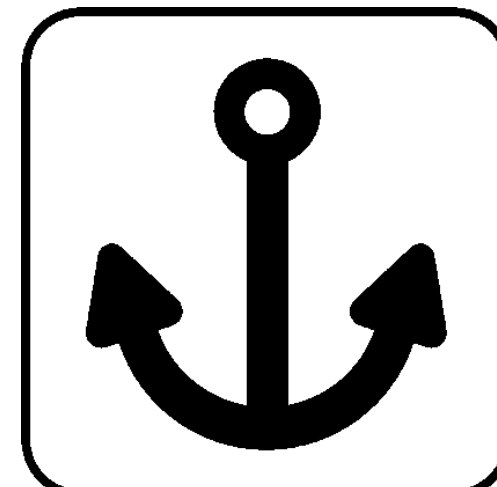
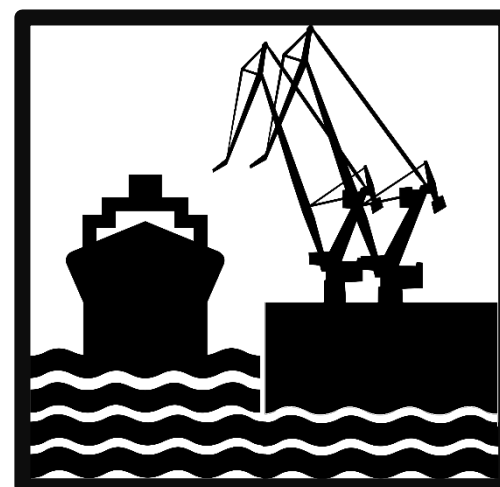
DOCKS &  
FLOATS

RAMPS

UTILITIES

UPLANDS

MAINTENANCE  
& STAFFING







# Municipal Harbor Grant Program



PRIORITIZES SHOVEL-  
READY CRITICAL  
PROJECTS



ESTABLISHED  
VETTING PROCESS



DOUBLES THE FUNDS:  
50% LOCAL MATCH  
IN HAND





## Harbor Grant

- This program significantly leverages local dollars.
- It puts industry to work and strengthens the State's economy.
- The need is established and critical for the our intermodal transportation system by municipalities across Alaska





## Harbor Grant

- AAHPA provides the Legislature with resolutions of support annually from our membership as well as communities across the state and the Alaska Municipal League.
- We're all in this together, evidenced by yearly support from municipalities that may or may not have a project in the running for funding that year.

AAHPA's Board of Directors supports a significant sum (\$100M) into this program to fund harbor recapitalization efforts in an equitable, consistent, and pragmatic way for the next 10 years. This would leverage over \$200M in spending with the municipal match component.



## P O R T S

Coastal and/or river facilities that facilitate the movement of cargo/freight on and off of vessels.

## S M A L L B O A T H A R B O R S

Often referred to as 'marinas' Outside. Providing moorage for commercial and recreational vessels.

## PORTS

In Alaska, these terms are often used interchangeably and many of our facilities provide both port and marina infrastructure and services. Some funding sources have specific definitions for water depth, user groups, etc.



## SMALL BOAT HARBORS





# A Few Community Notes

*Strong Alaskan Communities Make A Strong Alaska*



## Dillingham

Dillingham's port & harbor facilities act as a hub for the following communities:

Portage Creek

Ekwok

New Stuyahok

Koliganek

Clarks Point

Ekuik

Manakotak

Twin Hills

Togiak

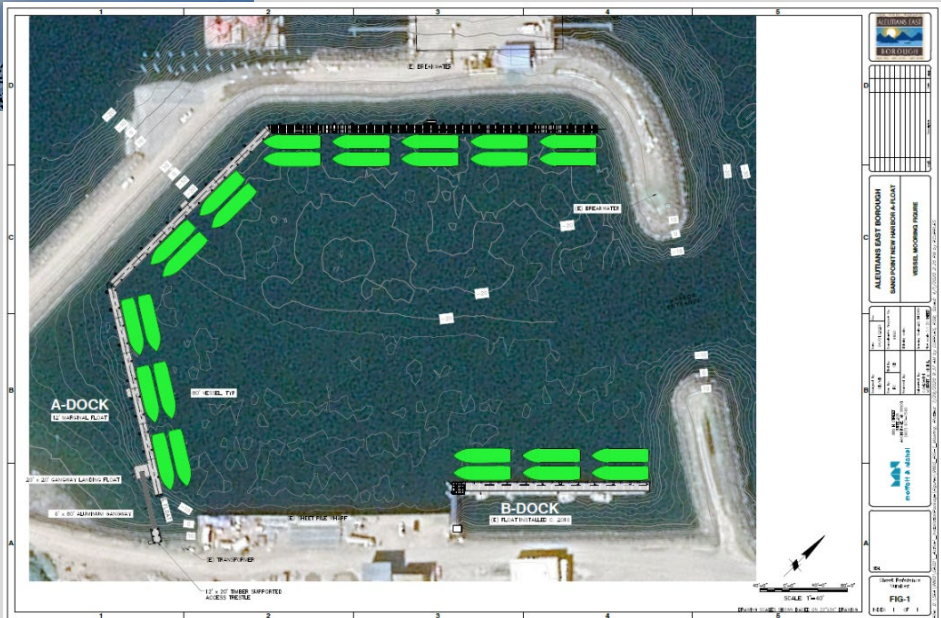
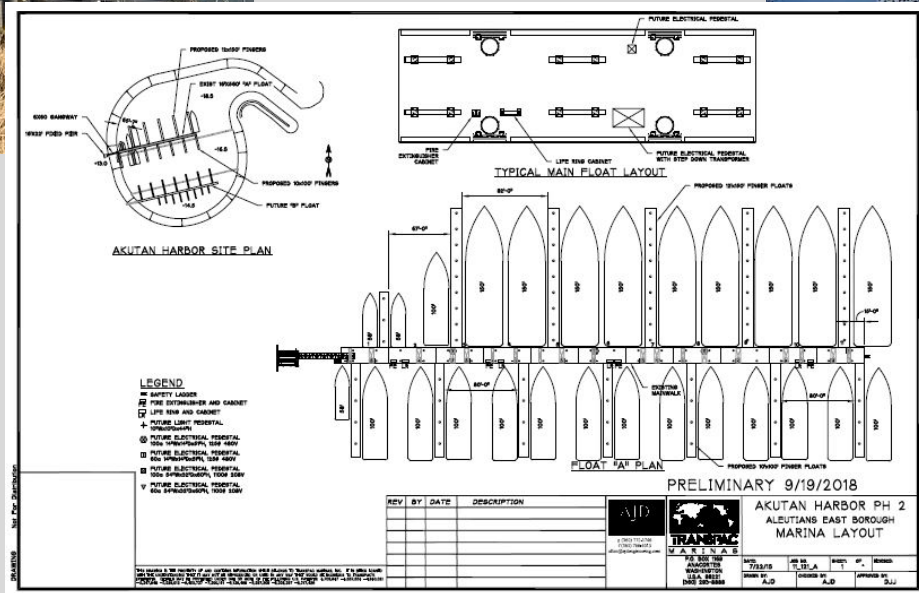




# A Few Community Notes

*Strong Alaskan Communities Make A Strong Alaska*

## Aleutians East Borough – Akutan and Sand Point







# A Few Community Notes

*Strong Alaskan Communities Make A Strong Alaska*

**Kake**





# A Few Community Notes

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## Skagway

Port of Skagway serves a community of 1,183 and 1.5 million visitors (passengers and crew) flow through in an average year.

65,000 metric tons of fuel, and 75,000 metric tons of ore concentrate move through the Port of Skagway which is an intermodal access point to the Yukon.

Expansion of the small boat harbor, ferry float replacement, and dock and port infrastructure improvements will contribute greatly to the recovering marine transportation economy in Skagway.



# A Few Community Notes

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## Emmonak

**Phase 1 2020 Report**  
December 30, 2020

**Lower Yukon River Regional Port and Road Renovation Project**

**PROJECT OVERVIEW**

The LYRR Port and Road Renovation Project is essential for the health and well-being of residents in Emmonak and its surrounding communities. The project consists of two components: 1) Construction of an efficient, safe port, and 2) Renovation of 3.5 miles of high-use service roads.

The City of Emmonak was awarded \$23,168,722 for the project by the Department of Transportation's BUILD program (MARAD) in December 2018. The City received a Notice to Proceed on Feb. 11, 2020.

**Road Renovation**

Serious road dust conditions have created poor health for many of our most vulnerable citizens, including Elders and children, who have a high rate of upper respiratory illnesses in Emmonak. The project will repair and upgrade roads, and improvements will reduce the impacts of airborne dust. Road renovations will also minimize the need for short-lived maintenance of the current silty-sand surface.

**Port Construction**

Construction of the dock will increase safety for offloading smaller cargo, heavy equipment and large-volume shipments. A stable port and dock facility will minimize exposure of the riverbank to further erosion. Additionally, the port will encourage economic growth, which will benefit the entire region.

**PHASE 1 - Getting Started**

Upon receiving the Notice to Proceed, the City of Emmonak established its management team and hired the Construction Manager for the project. Soon thereafter, heavy equipment and aggregate began to arrive and road repairs were underway.

An Invitation to Bid for the Dock was published in mid-November, and dock construction is on schedule to begin in early spring 2021.

Crew off-loads construction equipment, July 2020, with Mayor Martin B. Moore, Sr. (second from left).

**2021 FUTURE MILESTONES**

**Road Renovations**

- Finish project roads, including:
  - Community Roads (nearly completed)
  - Finish grade Emmonak Road
  - Install culverts
  - Add surface course (top layer)
  - Apply dust control (surface hardener)
- Frontage Road (not started):
  - Finish grade
  - Install culverts
  - Add surface course (top layer)
  - Apply dust control (surface hardener)

**Port Development**

- Mobilization
- Site preparation
- On-shore sheet pile installation (driving)
- In-water sheet pile installation (begins Aug. 1<sup>st</sup>)
- Ongoing backfill of cells
- Place armor rock
- Installation of cathodic protection
- Hook up site power
- Finish installing site operational features (curb stops, mooring piles, etc.)
- Demobilization and closeout

**Administrative**

- Publish Tariff Schedule for Port of Emmonak
- Develop website for access to Port and Tariff information
- Complete informative outreach to Port users
- Grant closeout

ROAD WORK AHEAD

Construction staging area.

**BUDGET SUMMARY**

Project Activity	APPROVED BUDGET	1ST QTR Oct - Dec 2019	2ND QTR Jan - Mar 2020	3RD QTR Apr - Jun 2020	4TH QTR Jul - Sep 2020	TOTAL EXPENDED	UNEXPENDED BALANCE
<b>Component 1 Port Construction</b>							
Phase I Dock	\$10,167,650	\$0	\$0	\$141,815	\$973,857	\$1,115,671	\$9,051,979
Phase II Barge Landing Ramp	\$6,518,882	\$0	\$0	\$0	\$0	\$0	\$6,518,882
<b>Component 2 Road Renovations</b>							
Road Renovations	\$7,482,190	\$0	\$0	\$242,273	\$5,384,537	\$5,626,810	\$1,855,380
<b>TOTAL</b>	<b>\$24,168,722</b>	<b>\$0</b>	<b>\$0</b>	<b>\$384,088</b>	<b>\$6,358,394</b>	<b>\$6,742,482</b>	<b>\$17,426,240</b>

Muddy roads in Emmonak

Pre-dock conditions of muddy riverbank landing

Pre-road renovation conditions

Eroded bank near dock construction site

MARAD Team meeting with City Project Team

Road construction underway



# Opportunities Ahead

*Strong Alaskan Communities Make A Strong Alaska*





# Thank you

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