

ALASKA'S PORTS & HARBORS

A Presentation to the Senate Transportation Committee April 27, 2021





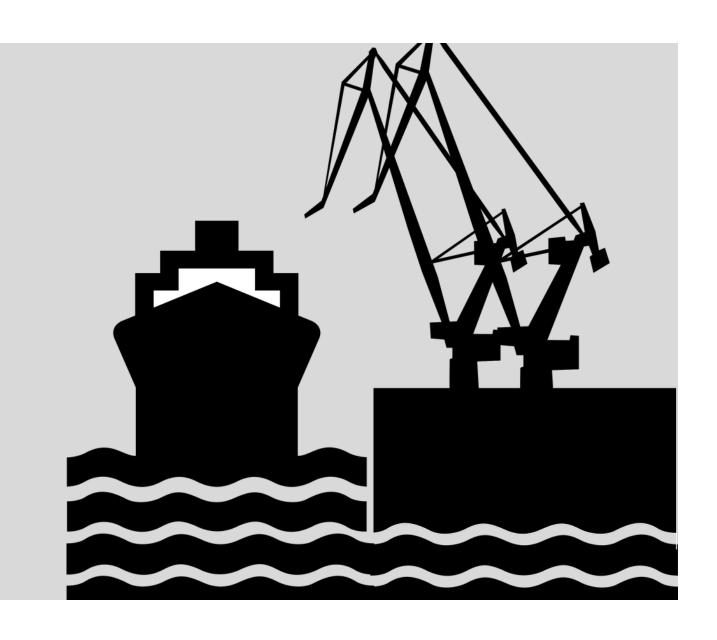
AAHPA For Over 40 Years

Core Purpose

To promote and serve Alaska's ports and harbors.

Core Values

Advocacy | Communication and Information Resource | Sustainable, Safe, and Secure Infrastructure



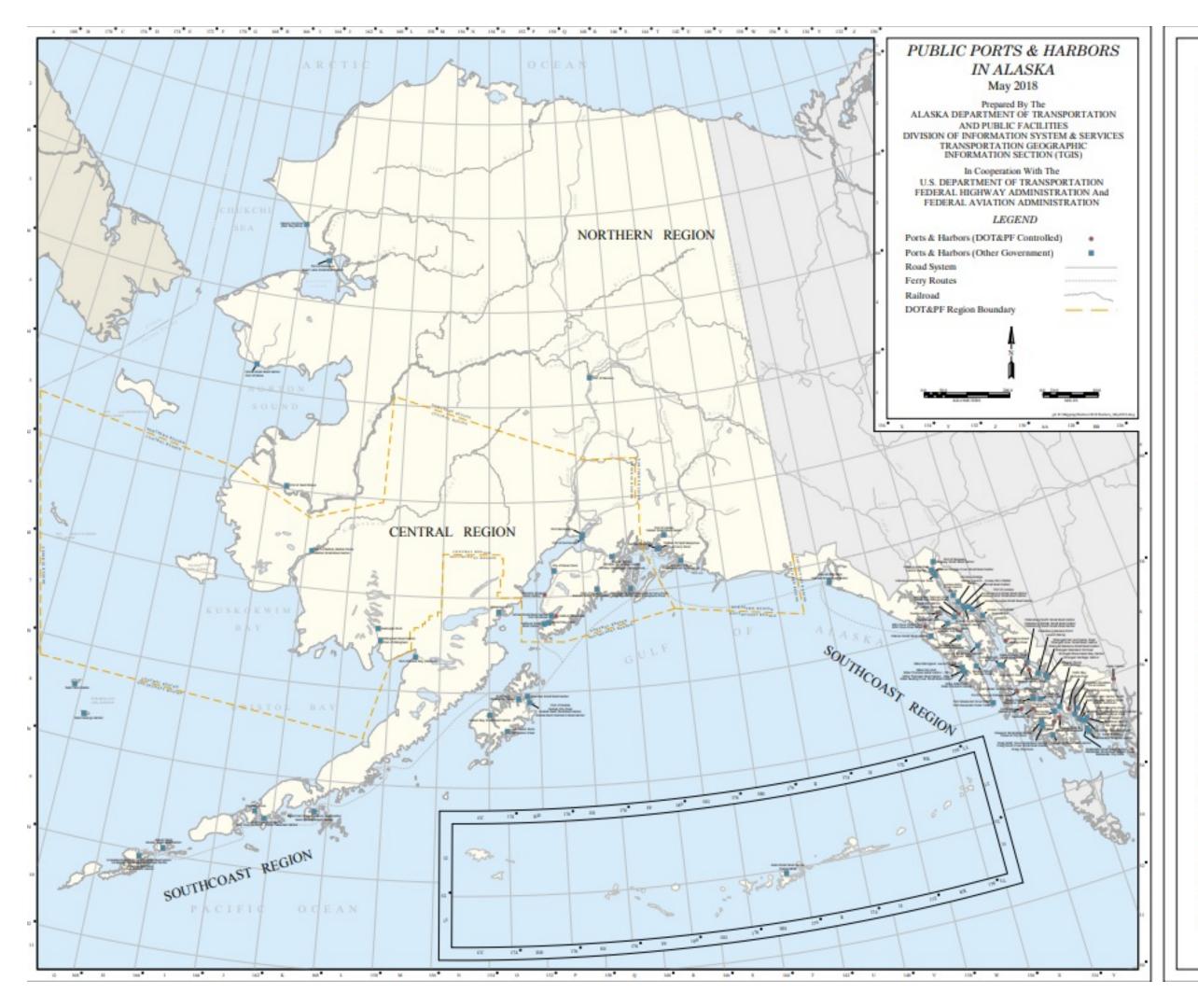


Membership

43 Port & Harbor Facilities

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



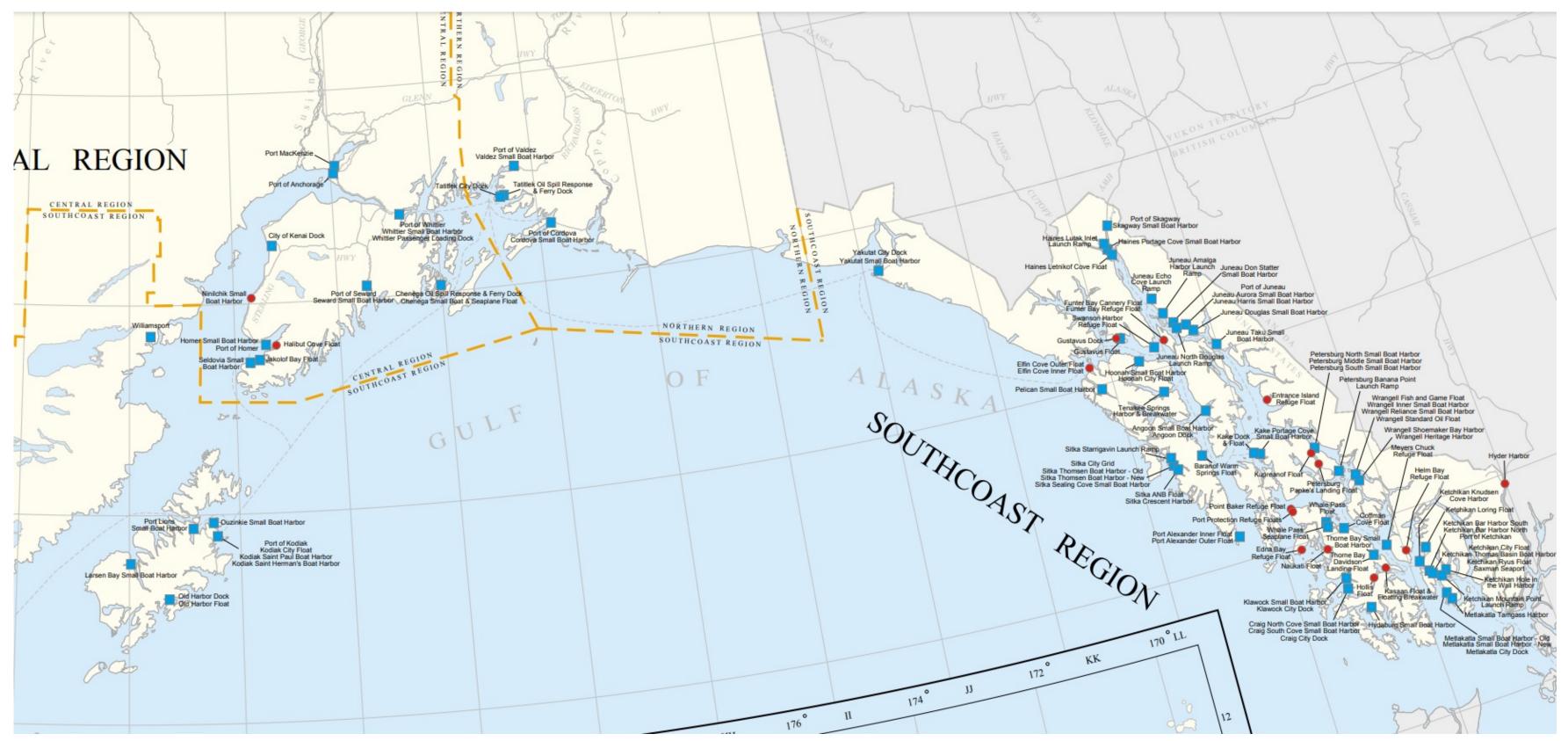


Ports & Harbors Locator Index Add tred flow Earlier 1991) Old Barbor Dock CK Aliesten Drock 19 Although Dook 1.7 Outside Small Boat Harbor CH August Back 33 Private Small Boat Harbor, W.S. Argon Snall Red Harbor 33 Based Ware Springs Float 30. Printing Middle Small Boat Harbor, TX Redel Small Store Starter 520 Principley North Small Short Harbor '79' Chroqu Od Spill Regionarik Terry Dock - Qt. - Priceiting Papie's Landing Flori: TX City of Kenni Davk Ph Point State: Belogs Host: TX College Core Flori YV. Port-Virganian Issue Floric 305 Cold Rey Block 29 Control Small Boat Earlier St. Per Liver Small Rest Harbor CR. Cools City Dark NY Port Markenir Qt. Crain North Core Small Boat Barbor, 179 Period Add SERVI Percel Bellet 53 Delang Terminal (Rad Day Mine) 17 Dillingham Book Harbor 12 Period Brasel Res (Natural) 1677 Period Dillingham 17 Ellis Coor Issue Plant W7 Period River P7 Partie Rep Religio Flori 37 Percel Embles 29 Genteron Dock 327 Pot of Knobb GK Balant Letokof Core Float 327 Period Names QU Balton Perhaps Gree Small Beat Harbor X7 Post of Saint Marys, 27 Males Day Bellage Plant 279 Port of Slaggery X7 Hellis Float 375 Period Volley Bit House City Float 327 For Posterior Belog: Floris, YII Brown boal Best Earlier X7 Stubburg Small Boat Harbor, 'T'S. Raint Paul Barbon FR Sand Point Robert Calverts Boat Harbor | \$1 Adold Rey Flori P7 Annua Amalya Harber Laurah Barry 327 Seamon Seamont 256 America Aurora Small Real Partner 327 SalarDity-Disk 300 Annual Harris Newall Boat Harbor 327 Assess Take Small Roat Harbor, 327 Nido Stanlparin Local Book XX Kele Dali & Flori VI Kristian By Bater Note 27 Name Lake Small Boat Harbon, J.J. Ketchian Ber Hafter South 27 Names Hotor Relige Float X7 Ketchian City Float 29 Tartish City David Bill Retables Note to the Wall States 29 Tartick Oil Stell Response & Power Dock. Bit Erichian Englan Core Safes 29 Total or Springs Harbor & Breakwater 30 Keichlan Lering Flori 27 Thomas New Deviation Landon West, 199 Three Ray Small Box Harbor 179 Krishkan Mountain Print Louwh Barry 29 Desirate Carl Moon Boal Boar Barbor 1919 Krishkan Thomas Rasin Boat Harbor 29 Unalarka Balton Storm In II Small Boat Harbor 1 King Care Boat Harbor . H Underlie Spit Deck 800 King Cone Robot E. "Rabe" November Harbor. 20. Valley Small Read Harbor. 20. Klernic City Data 19 Male Pass Float 118 Klernek Small Best Barber VV Whale Place Scaplane Flori VV. Kediak City Float 108 Witter Steal Best Harbor QK Keelink Saint Horman's Break Flacture CH. Keelink Saint Prof. Boat Horbor, CH. Represent Floric NX Larse Rey Small New Harbor CH Naspil Brings Salve 18 Methdatic City Sted 29 Methials Smill Box Barber - New 29 Named Relater Small Dat States VX Nasgel Stormac Replicher 19. Wangell Standard Cit Floor, VII Nepes Charle Belogs Host: 19 Value City Steek V7 Valuate Small Real Barbon, VT Statut Flori 19 Nichhi Smill But Salve Pi-

There are exercisly 248 Paris and Burkon listed on this map. There are 28 that are assimilarl journal/by SOTMPF and the remaining 241 controlled by Lord Communic









Membership

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

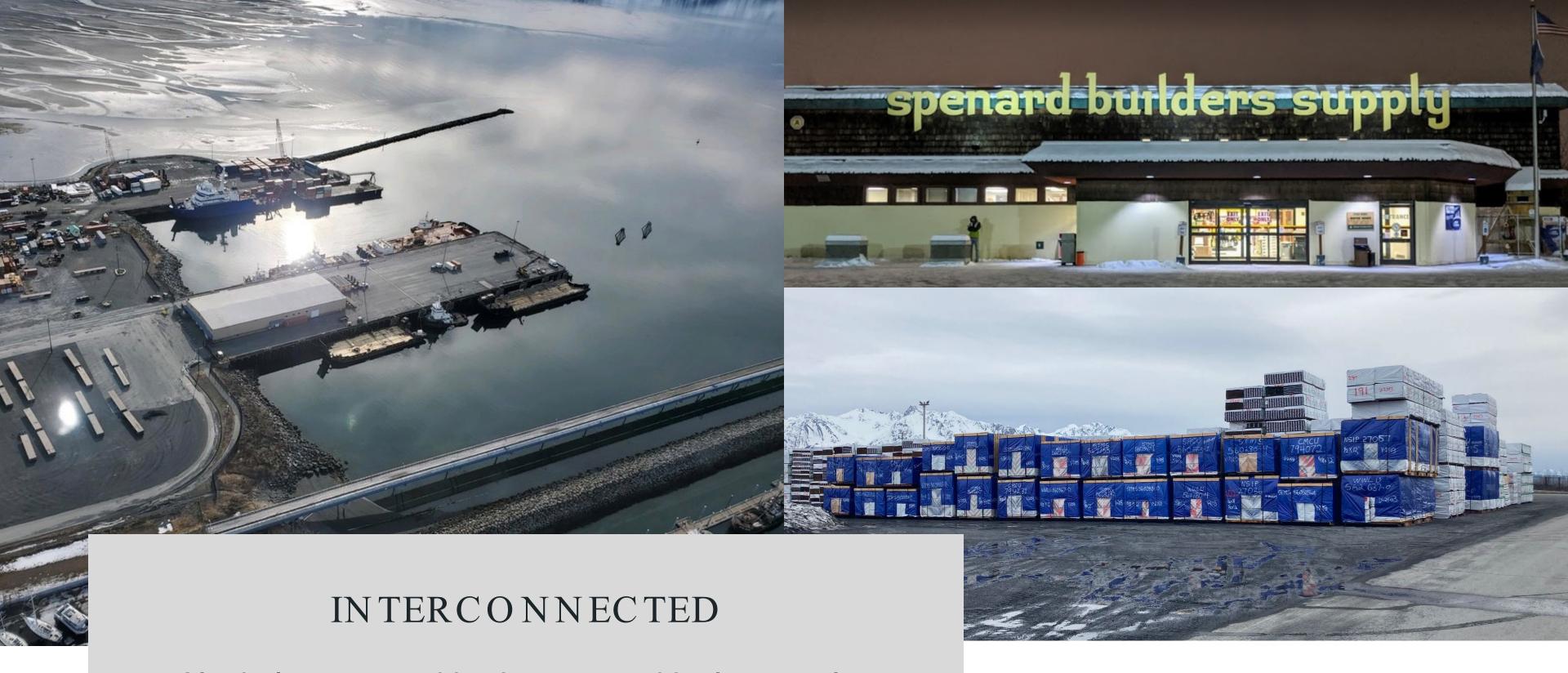


Membership

56 Industry Members & Agency Partners

- Engineering
- Construction
- Fabrication
- Environmental
- Electrical

- Fuels
- Transportation
- Software
- Accessories/Parts
- Diving & Salvage



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



W HAT W E DO

NETWORKING & RESOURCE SHARING



Annual conferences in fall and winter

Monthly newsletters

Email listsery 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

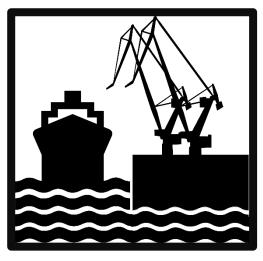
RAMPS

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 wëtholutions 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 Directomsports 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.



PORTS

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

SMALL BOAT HARBORS

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.





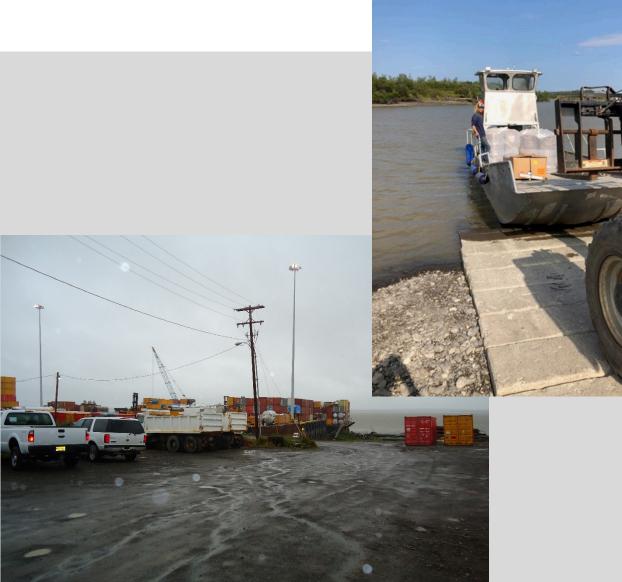


SMALL BOAT HARBORS



Strong Alaskan Communities Make A Strong Alaska





Dillingham

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

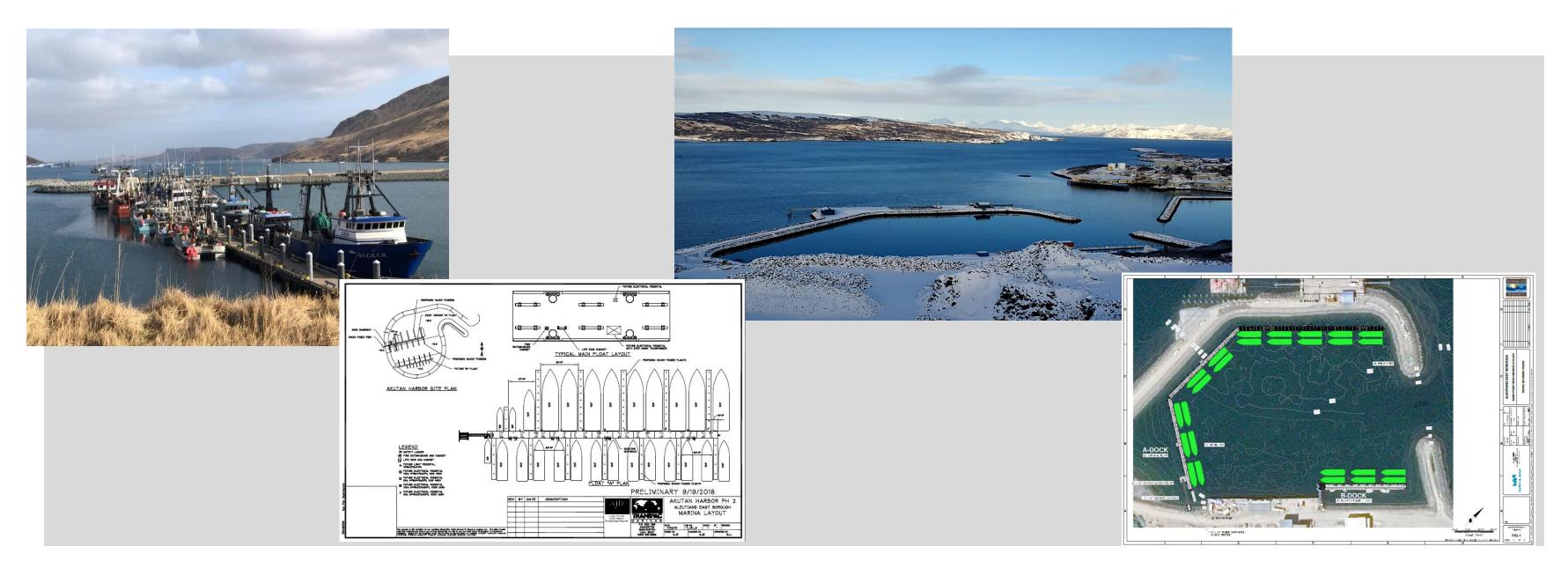
Portage Creek
Ekwok
New Stuyahok
Koliganek
Clarks Point
Ekuk
Manakotak
Twin Hills

Togiak



Strong Alaskan Communities Make A Strong Alaska

Aleutians East Borough – Akutan and Sand Point





Strong Alaskan Communities Make A Strong Alaska

Kake





Strong Alaskan Communities Make A Strong Alaska



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.



Strong Alaskan Communities Make A Strong Alaska

Phase 1 2020 Report December 30, 2020 **Lower Yukon River Regional Port and Road Renovation Project**

The LYYR 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.

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.

Construction of the dock will increase safety for offloading smaller cargo, heavy equipment and largevolume 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.



SEASON 1 PROJECT ACHIEVEMENTS

- Mobilized heavy equipment and supplies for
- Delivered aggregate material, including:
- Borrow material (road embankment): 81,700 cubic yards (CY) Surface course material
- (top of road surface): 13,500 CY
- embankments on the following roads, while are now ready for the surface course:
- Kwiguk Street
- Delta Street (1st to 5th)
- 1st, 4th and 5th Streets

- Delivered 8,300 CY of aggregate material for port construction.
- Invitation to Bid was published, and select of a Port general contractor is in process.



2021 FUTURE MILESTONES

Finish project roads, including:

- Community Roads (nearly complete
 Finish grade Emmonak Road



- Mobilization
- On-shore sheet pile installation (driving) In-water sheet pile installation (begins Aug. 1st)
- · 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

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



BUDGET SUMM	IARI						
Project Activity	APPROVED BUDGET	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL EXPENDED	UNEXPENDED BALANCE
		Oct - Dec 2019	Jan - Mar 2020	Apr - Jun 2020	Jul - Sep 2020		
Component 1 Por	t Construction						
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
Component 2 Ro	ad Renovations	3					
Road Renovations	\$7,482,190	\$0	\$0	\$242,273	\$5,384,537	\$5,626,810	\$1,855,380
TOTAL	\$24,168,722	\$0	\$0	\$384,088	\$6,358,394	\$6,742,482	\$17,426,240

Lower Yukon River Regional Port and Road Renovation Project

Page 3

Emmonak



Muddy roads in Emmonak



Pre-dock conditions of muddy riverbank landing



Pre-road renovation conditions Lower Yukon River Regional Port and Road Renovation Project



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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