

ALASKA DISTRICT 2022 DREDGING PROGRAM WEDA PACIFIC CHAPTER CORPS-INDUSTRY MEETING

Jarod Norton
Navigation Program Manager
Northwestern Division
27 October 2021



US Army Corps
of Engineers®



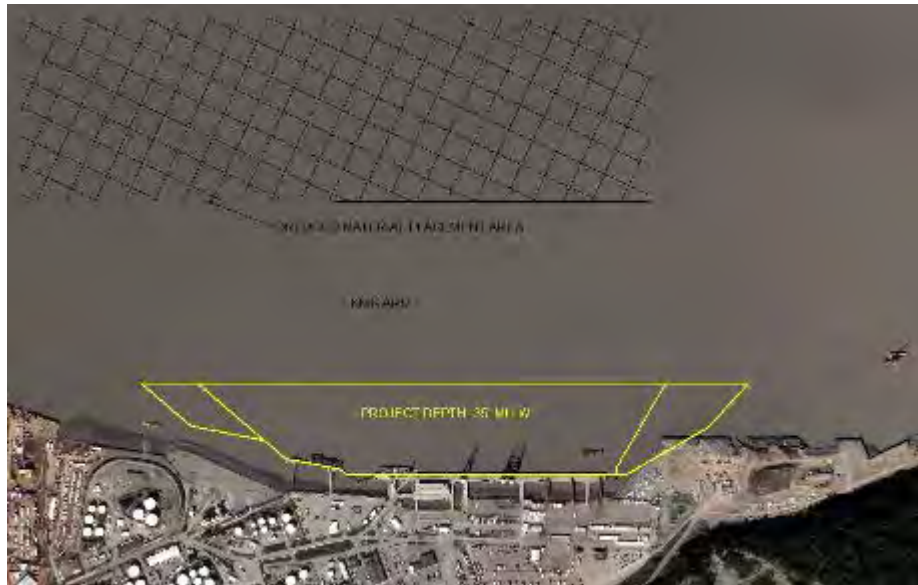
ALASKA DISTRICT AWARDED CONTRACTS



ANCHORAGE HARBOR

Location & History

- Anchorage is located at the northern end of Cook Inlet in southcentral Alaska.
- Authorized by the River and Harbor Act, 3 July 1958, and amended by P.L. 108-447 in 2005 to replace the existing dock with a new 10,860 foot long intermodal marine facility. This port is the largest cargo port in Alaska serving as the main supply and distribution center for the southcentral and interior areas as well as the large military base within the Municipality of Anchorage. Water Borne Commerce was 4.7 million short tons for year 2020.



Maintenance Dredging 2021 thru 2023

- Dredge Type: Hopper or Mechanical
- Est. Quantity: 1,100,000 CY/year
- Authorized Depth: -35 feet MLLW
- Dredge Period: 1 May to 31 October
- Placement: In-Water
- Business Type: Full and Open
- Contractor: Manson Construction Co.
- Contract Type: RFP Base + 2 Option Years
- Options: Cook Inlet Navigation Channel and Early Spring Dredging



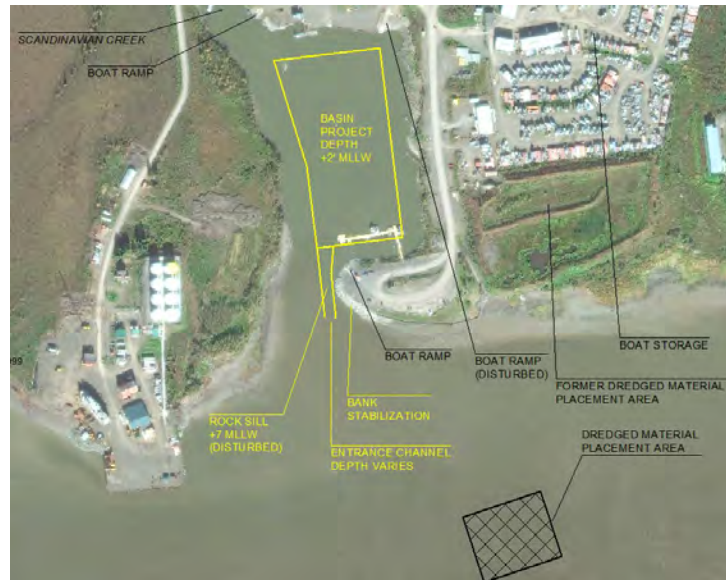
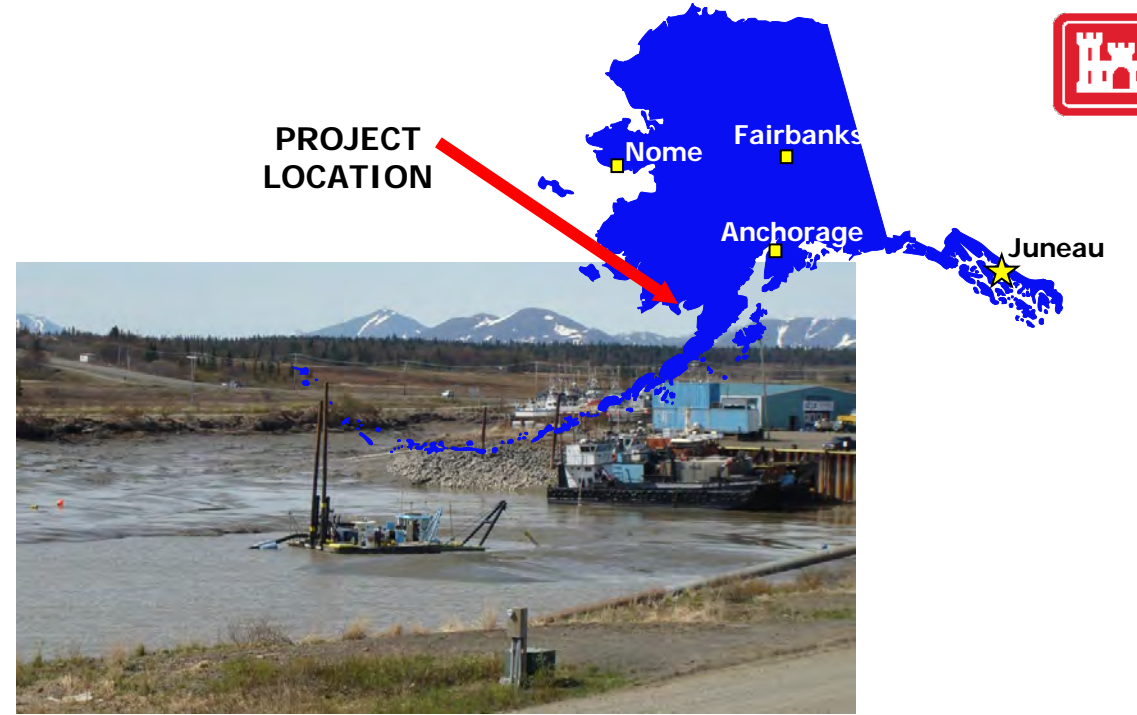
DILLINGHAM HARBOR

Location & History

- Northern end of Nushagak Bay in western Alaska.
- The River and Harbor Act of 1958 provides for a 650 to 800 foot wide by 700 foot long basin utilizing a 1,100 foot long entrance channel to Nushagak Bay. The harbor provides half-tide access and all-tide moorage for over 320 commercial fishing vessels. The harbor is also used as an alternate landing area for lighterage vessels. All transportation to the area is by air or sea.



PROJECT LOCATION



Maintenance Dredging 2020 thru 2022

- Dredge Type: Pipeline
- Est. Quantity: 110,000 CY/year
- Authorized Depth: +2 feet MLLW
- Dredge Period: Ice Out (typ. 15 May) to 15 July
- Placement: In-Water
- Business Type: Small Business Set-Aside
- Contractor: Alaska Marine Excavation LLC
- Contract Type: IFB Base + 2 Option Years



HOMER HARBOR

Location & History

- Southern end of the Kenai Peninsula in southcentral Alaska.
- Authorized by the River and Harbor Acts of 1958 and 1964. The 50-acre project provides sheltered moorage for over 1,525 commercial fishing and recreational vessels. The harbor is an integral part of Homer's economy and supports barges, US Coast Guard (USCG) vessels, and the commercial fishing fleet.



Maintenance Dredging 2020 thru 2022

- Dredge Type: Pipeline
- Est. Quantity: 7,000 CY/year + USCG 7,000 CY/year
- Authorized Depth: -10 to -26 feet MLLW
- Dredge Period: USCG Dock in April, Harbor & USCG Dock in September to mid-October
- Placement: Upland Dewatering and Beneficial Use
- Business Type: Small Business Set-Aside
- Contractor: Alaska Marine Excavation LLC
- Contract Type: IFB Base + 2 Option Years
- Options: Homer USCG Dock and Ninilchik Harbor



NINILCHIK HARBOR

Location & History

- Western side of the Kenai Peninsula on the shores of lower Cook Inlet in southcentral Alaska.
- Authorized by the River and Harbor Acts of 1958 and 1964. The small basin provides protected moorage with half-tide access for 32 vessels. The basin and channel also provide access for fishing boats to unload their catch and take on supplies. The project is an important harbor of refuge in the lower Cook Inlet region.



Maintenance Dredging 2020 thru 2022

- Dredge Type: Pipeline & Mechanical
- Est. Quantity: 11,000 CY/year
- Authorized Depth: +2 to +9 feet MLLW
- Dredge Period: Ice Out (typ. 25 April) to 15 May
- Placement: Upland and Beneficial Use
- Business Type: Small Business Set-Aside
- Contractor: Alaska Marine Excavation LLC
- Contract Type: IFB Base + 2 Option Years
- Included in Homer Contract as Optional Items



NOME HARBOR

Location & History

- Nome Harbor is located on the southern coast of the Seward Peninsula in western Alaska. The city is approximately 540 miles northwest of Anchorage.
- Authorized by the River and Harbor Acts of 1917, 1935, 1948, and most recently by the WRDA 1999. The project consists of a 4,075 foot long entrance channel protected by a 2,986 foot long rubble-mound breakwater and sediment collection basin. The city is the transportation and commerce center for the Norton Sound region of Alaska. All transportation to the area is by air or sea.



PROJECT LOCATION



Maintenance Dredging 2021 thru 2023

- Dredge Type: Pipeline or Mechanical
- Est. Quantity: 69,000 CY/year
- Authorized Depth: -10 to -22 feet MLLW
- Dredge Period: Ice Out (typ. early June) to 31 July
- Placement: Beach Nourishment
- Business Type: Small Business Set-Aside
- Contractor: Alaska Marine Excavation LLC
- Contract Type: IFB Base + 2 Option Years



ALASKA DISTRICT UPCOMING CONTRACTS



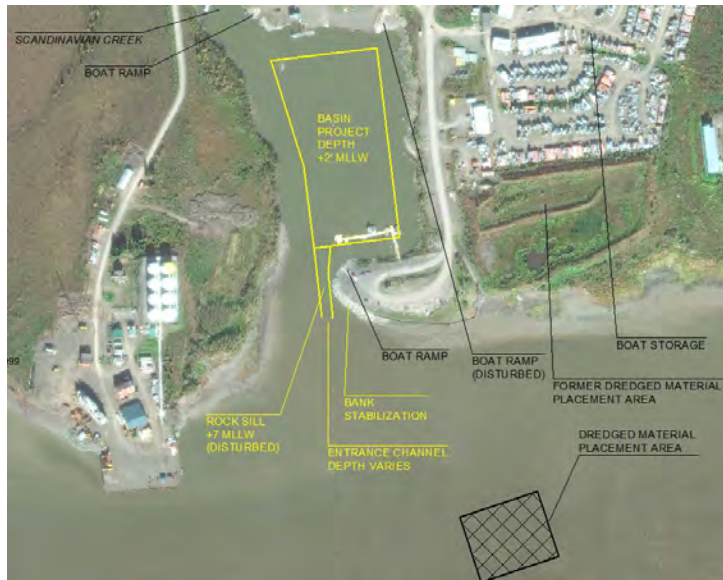
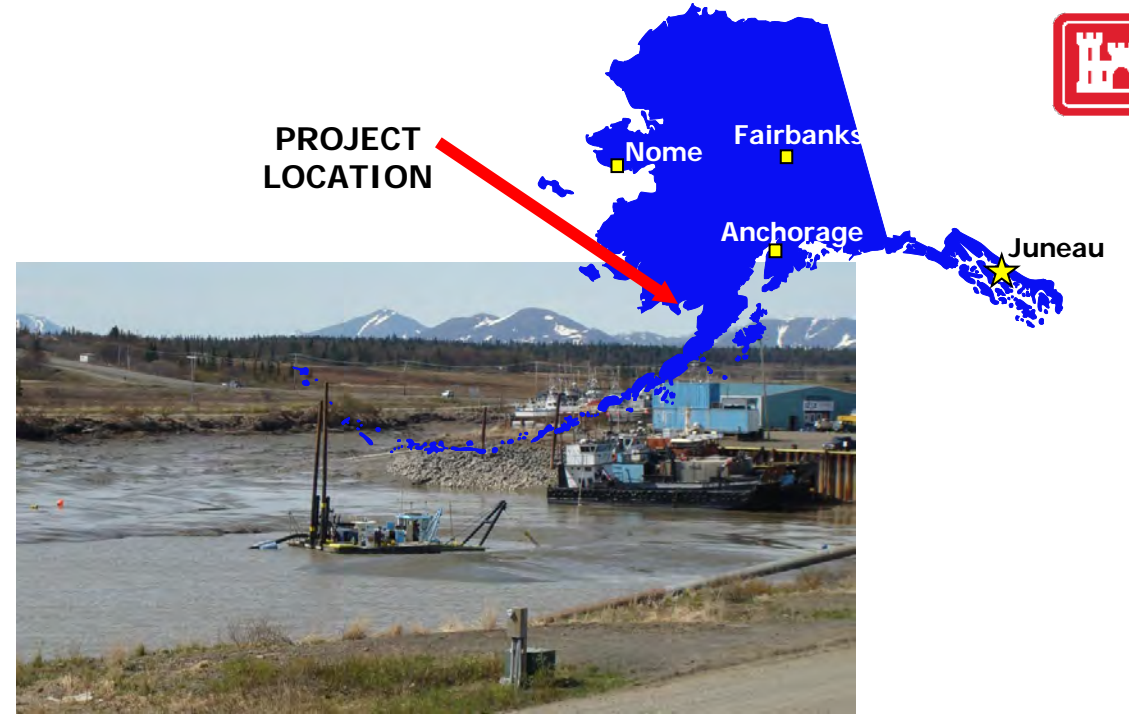
DILLINGHAM HARBOR

Location & History

- Northern end of Nushagak Bay in western Alaska.
- The River and Harbor Act of 1958 provides for a 650 to 800 foot wide by 700 foot long basin utilizing a 1,100 foot long entrance channel to Nushagak Bay. The harbor provides half-tide access and all-tide moorage for over 320 commercial fishing vessels. The harbor is also used as an alternate landing area for lighterage vessels. All transportation to the area is by air or sea.



PROJECT LOCATION



Maintenance Dredging 2023 thru 2025

- Dredge Type: Pipeline
- Est. Quantity: 110,000 CY/year
- Authorized Depth: +2 feet MLLW
- Dredge Period: Ice Out (typ. 15 May) to 30 June
- Placement: In-Water
- Business Type: To Be Determined
- Solicitation: Advertise Oct. 2022 / Bid Opening Nov. 2022
- Contract Type: IFB Base + 2 Option Years



ELFIN COVE

Location & History

- South shore of Cross Sound approximately 70 miles west of Juneau in southeast Alaska.
- The River and Harbor Act of 1945 provides for an outer channel 60 feet wide and an inner channel 40 feet wide. The project is an important harbor of refuge for commercial fishing and transient vessels. All transportation to the area is by air or sea.
- A tidal datum update in 2006 indicated a vertical change of over two feet requiring additional dredging.
- Sec. 1109 of the WIIN Act authorized maintenance to restore the dimensions for Federally authorized harbors of refuge.



Construction Dredging

- Dredge Type: Mechanical
- Est. Quantity: 8,800 CY
- Authorized Depth: -8 to -10 feet MLLW
- Dredge Period: To Be Determined (Fall '22 to Spring '23)
- Placement: In-Water
- Business Type: To Be Determined
- Solicitation: Advertise May 2022 / Bid Opening Jun. 2022
- Contract Type: IFB



HOMER HARBOR

Location & History

- Southern end of the Kenai Peninsula in southcentral Alaska.
- Authorized by the River and Harbor Acts of 1958 and 1964. The 50-acre project provides sheltered moorage for over 1,525 commercial fishing and recreational vessels. The harbor is an integral part of Homer's economy and supports barges, US Coast Guard (USCG) vessels, and the commercial fishing fleet.



Maintenance Dredging 2023 thru 2025

- Dredge Type: Pipeline
- Est. Quantity: 7,000 CY/year + USCG 7,000 CY/year
- Authorized Depth: -10 to -26 feet MLLW
- Dredge Period: USCG Dock in April, Harbor & USCG Dock in September to mid-October
- Placement: Upland Dewatering and Beneficial Use
- Business Type: To Be Determined
- Solicitation: Advertise Nov. 2022 / Bid Opening Dec. 2022
- Contract Type: IFB Base + 2 Option Years
- Options: Homer USCG Dock and Ninilchik Harbor



NINILCHIK HARBOR

Location & History

- Western side of the Kenai Peninsula on the shores of lower Cook Inlet in southcentral Alaska.
- Authorized by the River and Harbor Acts of 1958 and 1964. The small basin provides protected moorage with half-tide access for 32 vessels. The basin and channel also provide access for fishing boats to unload their catch and take on supplies. The project is an important harbor of refuge in the lower Cook Inlet region.



Maintenance Dredging 2023 thru 2025

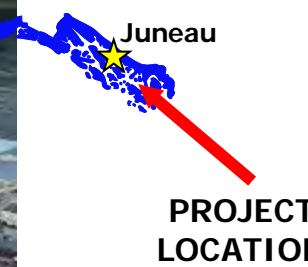
- Dredge Type: Pipeline & Mechanical
- Est. Quantity: 11,000 CY/year
- Authorized Depth: +2 to +9 feet MLLW
- Dredge Period: Ice Out (typ. 25 April) to 15 May
- Placement: Upland and Beneficial Use
- Business Type: To Be Determined
- Solicitation: Advertise Nov. 2022 / Bid Opening Dec. 2022
- Contract Type: IFB Base + 2 Option Years
- Included in Homer Contract as Optional Items



PETERSBURG HARBOR (CAP 107)

Location & History

- Located along Wrangell Narrows in southeast Alaska. The city is approximately midway between Juneau and Ketchikan.
- The project for navigation improvements is authorized by Sec. 107 of the River and Harbor Act of 1960 which consists of dredging an entrance channel, two maneuvering basins, and a turning basin within the “middle harbor” in Petersburg, AK. The project also includes dredging of some local service facilities.
- The harbor is a vital facility for subsistence activities and the economy of the Petersburg Borough. All transportation to the area is by air or sea.



Construction Dredging

- Dredge Type: Mechanical
- Est. Quantity: 56,900 CY
- Authorized Depth: -9 to -19 feet MLLW
- Dredge Period: Oct. 2022 to Mar. 2023
- Placement: In-Water
- Business Type: Small Business Set-Aside
- Solicitation: Advertise Mar. 2022 / Bid Opening Apr. 2022
- Contract Type: IFB



ALASKA DISTRICT SCHEDULE

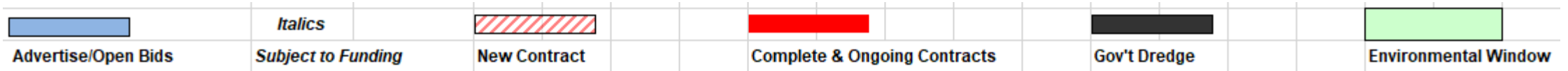


CONSOLIDATED 2022 SCHEDULE



DREDGING PLAN FOR FY22

Project	District	Adv./Open Bids Dates	2021			2022												Volume	Placement Site	Notes
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
			FY 2022									FY 2023								
Alaska District (POA)																				
Anchorage Harbor 2021-23 (Hopper or Mechanical)	POA	N/A															1.1 MCY/YR	In-Water	Exercise first option year. Includes option to dredge Cook Inlet Nav. Channel & Anchorage spring dredging.	
Dillingham Harbor 2020-22 (Suction Cutterhead)	POA	N/A															110 KCY/YR	In-Water	Final option year in contract. Preference to complete dredging by 30 June.	
Dillingham Harbor 2023-25 (Suction Cutterhead)	POA	Oct/Nov 2022															110 KCY/YR	In-Water	New 3-year maintenance contract. Preference to complete dredging by 15 June.	
Elfin Cove (Mechanical)	POA	May/Jun 2022															8.8 KCY	In-Water	Env. coordination is on-going. Anticipate no in-water blasting to accomplish the dredging.	
Homer & Ninilchik Harbors 2020-22 (Suction Cutterhead)	POA	N/A															25 KCY/YR	Upland & Beach	Final option year in contract. Env. windows vary by location and overlap. Includes USCG Berth dredging.	
Homer & Ninilchik Harbors 2023-25 (Suction Cutterhead)	POA	Nov/Dec 2022															25 KCY/YR	Upland & Beach	New 3-year maintenance contract. Includes USCG Berth and Ninilchik as options.	
Nome Harbor 2021-23 (Suction Cutterhead or Mechanical)	POA	N/A															69 KCY/YR	Beach	Exercise first option year. Dredging within inner harbor to be completed by 30 June env. window.	
Petersburg Harbor CAP107 (Mechanical)	POA	Mar/Apr 2022															56.9 KCY	In-Water	Construction dredging of new Federal channel and maneuvering/turning basins with options for local areas.	





QUESTIONS?

Michael Tencza
Operations Project Manager
Operations Branch
Alaska District

Michael.G.Tencza@usace.army.mil

907-753-2648

