

ALASKA DISTRICT 2020 DREDGING PROGRAM WEDA PACIFIC CHAPTER 2019 CONFERENCE

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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 Rivers 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 3.2 million short tons for year 2017.



Maintenance Dredging 2018 thru 2020

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



AURORA HARBOR

Location & History

- North of downtown Juneau along Gastineau Channel in southeast Alaska.
- The Rivers and Harbors Act of 1958 provides for a 19 acre basin dredged to depths of -12 feet MLLW and -14 feet MLLW protected by a jetty 530 feet long and a breakwater 1,150 feet long. The harbor provides protected moorage for approximately 500 small craft and seaplanes. All transportation to the area is by air or sea.



Maintenance Dredging

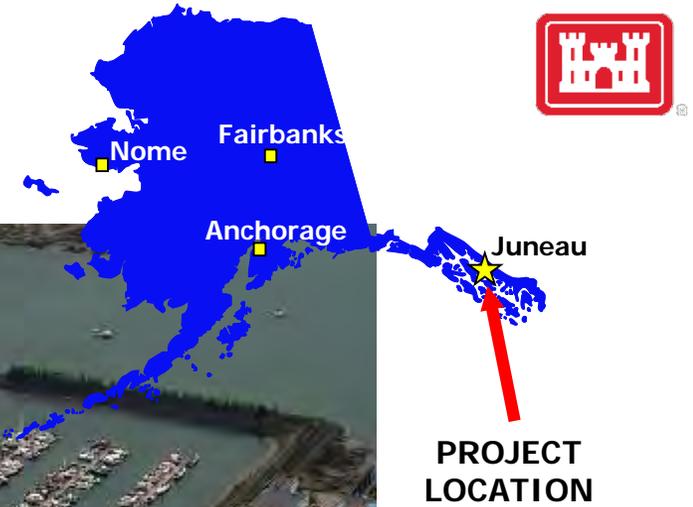
- Dredge Type: Mechanical
- Est. Quantity: 9,600 CY
- Authorized Depth: -12 & -14 feet MLLW
- Dredge Period: 15 October to 31 December 2020
- Placement: In-Water
- Contractor: Western Marine Construction, Inc.
- Contract Type: IFB
- Options: Dredging included as an option (exercised) with base items for breakwater repairs at Aurora and Harris Harbors.



HARRIS HARBOR

Location & History

- Near downtown Juneau along Gastineau Channel in southeast Alaska.
- The Rivers and Harbors Act of 1937 provides for a 11.5 acre basin dredged to a depth of -12 feet MLLW and protected by two rock mound breakwaters 430 feet and 1,540 feet long. The harbor provides protected moorage for approximately 250 small craft and seaplanes. All transportation to the area is by air or sea.



Maintenance Dredging

- Dredge Type: Mechanical
- Est. Quantity: 21,300 CY
- Authorized Depth: -12 feet MLLW
- Dredge Period: 15 October 2020 to 15 February 2021
- Placement: In-Water
- Contractor: Western Marine Construction, Inc.
- Contract Type: IFB
- Dredging included as a base item with breakwater repairs at Aurora and Harris Harbors.



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 Rivers and Harbors Acts of 1917, 1935, 1948, and most recently by the WRDA 1999. The project consists of a 3,450 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 2018 thru 2020

- Dredge Type: Pipeline & 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
- Contractor: Alaska Marine Excavation LLC
- Contract Type: IFB Base + 2 Option Years



ALASKA DISTRICT UPCOMING CONTRACTS



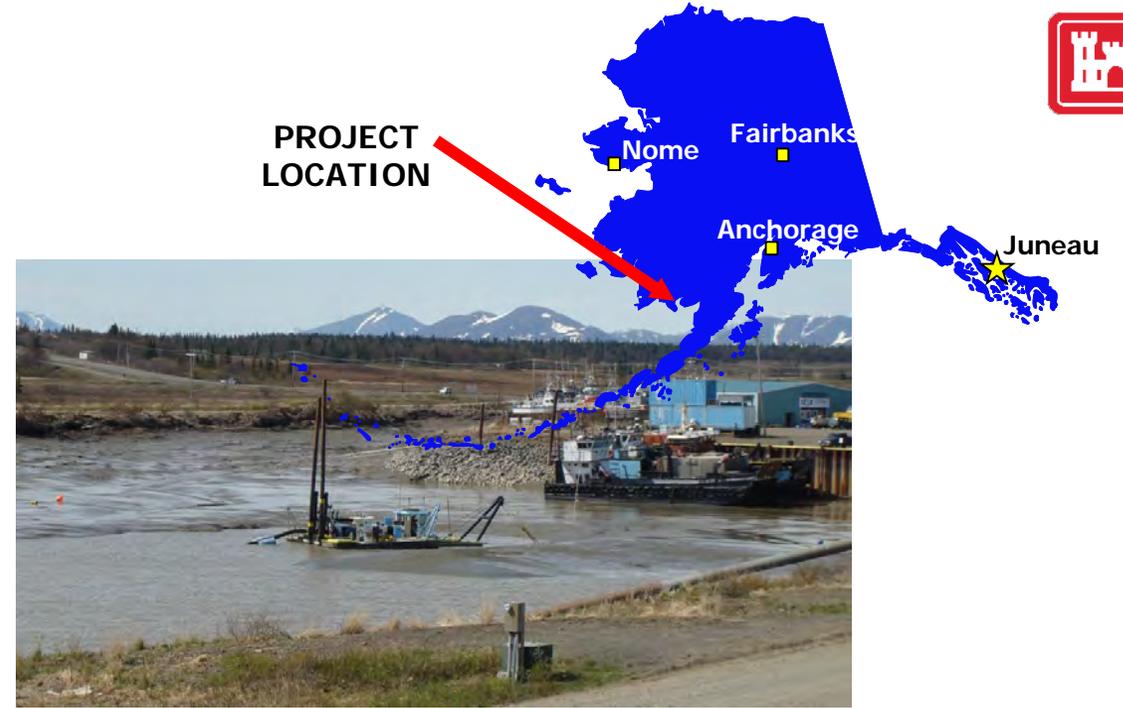
DILLINGHAM HARBOR

Location & History

- Northern end of Nushagak Bay in western Alaska.
- The Rivers and Harbors 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

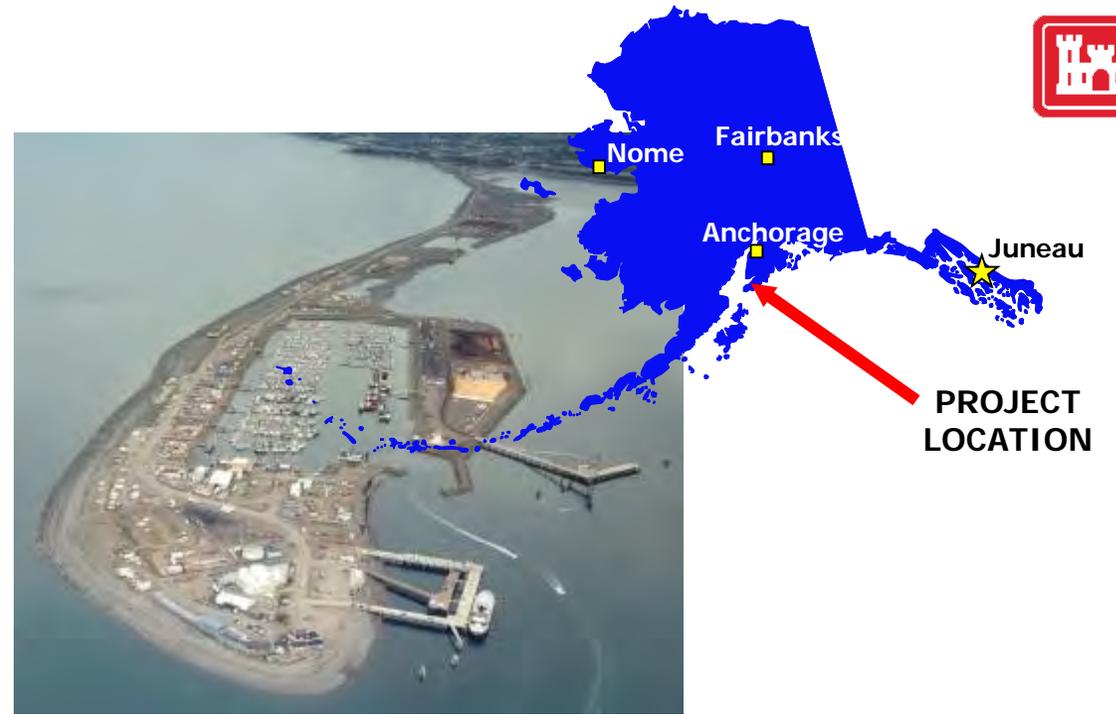
- Dredge Type: Pipeline
- Est. Quantity: 110,000 CY/year
- Authorized Depth: +2 feet MLLW
- Dredge Period: Ice Out (typ. 15 May) to 15 July
- Placement: In-Water
- Solicitation: 9 October 2019
- Contract Type: IFB Base + 2 Option Years



HOMER HARBOR

Location & History

- Southern end of the Kenai Peninsula in southcentral Alaska.
- Authorized by the Rivers and Harbors 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
- Solicitation: 5 November 2019
- 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 Rivers and Harbors Acts of 1958. 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. It is also 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
- Solicitation: 5 November 2019
- Contract Type: IFB Base + 2 Option Years
- Included in Homer Contract as Optional Items



ALASKA DISTRICT SCHEDULE



CONSOLIDATED 2020 SCHEDULE



O&M DREDGING PLAN FOR FY20*

Project	District	Adv./Open Bids Dates	2019			2020												Volume	Placement Site	Notes
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
			FY 2020									FY 2021								
Alaska District (POA)																				
Anchorage Harbor (Hopper or Mechanical)	POA	n/a															1.1mcy/yr	In-water	Includes option to dredge Cook Inlet Nav. Channel & Anchorage spring dredging.	
Aurora & Harris Harbors	POA	n/a															30.9kcy	In-water	Included with breakwater repairs for two harbors in Juneau, AK.	
Dillingham Harbor (Suction Cutterhead)	POA	Oct/Nov 2019															110kcy/yr	In-water	New 3-year maintenance contract. Preference to complete dredging by 30 June.	
Homer & Ninilchik Harbors (Suction Cutterhead)	POA	n/a															27kcy/yr	Upland	Existing contract.	
Homer & Ninilchik Harbors (Suction Cutterhead)	POA	Nov/Dec 2019															25kcy/yr	Upland	New 3-year contract. Env. windows vary by location and overlap. Options for USCG Berth.	
Nome Harbor (Suction Cutterhead)	POA	n/a															69kcy/yr	Beach	Dredging within inner harbor to be completed by 30 June env. window.	





QUESTIONS?

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