

“BUILDING AND PRESERVING ALASKA’S FUTURE”

FY 2017 Dredging Program
WEDA Pacific Chapter 2016 Conference

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“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”



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AWARDED CONTRACTS



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ANCHORAGE HARBOR

- Location: Anchorage is located at the northern end of Cook Inlet in Southcentral Alaska.
- Project Description: Authorized by the Rivers and Harbors 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 inter-modal marine facility. This port is the largest cargo port in Alaska serving as the main supply and distribution center for the south-central and interior areas as well as the two large military bases within the Municipality of Anchorage. Water Borne Commerce was 2.9 million short tons for year 2014.



- Maintenance Dredging 2015 thru 2017
- Dredge Type: Hopper
- Quantity: 1,100,000 CY/year
- Authorized Depth: -35 feet MLLW
- Dredge Period: 20 April to 10 November
- Placement: In-Water
- Contractor: Manson Construction Co.
- Contract Type: RFP Base + 2 Option Years

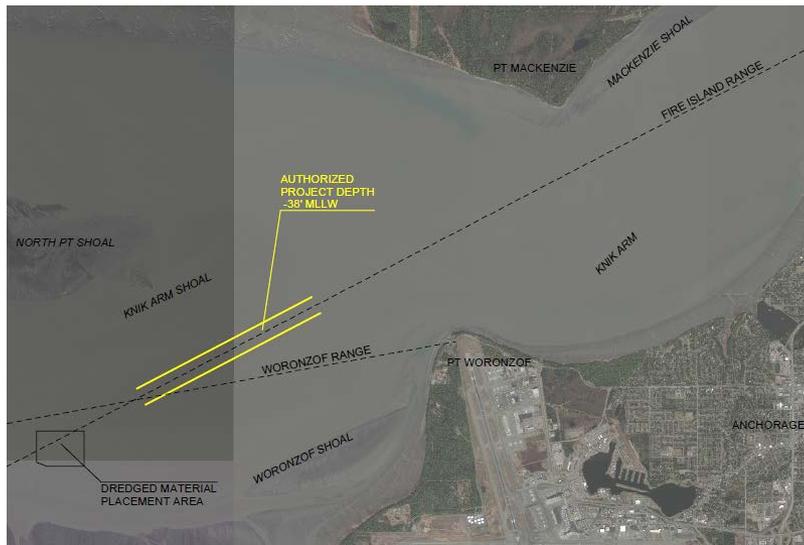


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COOK INLET NAVIGATION CHANNEL

- Location: Cook Inlet Navigation Channel is located in Knik Arm approximately 7 miles southwest of the Port of Anchorage.
- Project Description: The Water Resources Development Act of 1996 and Energy and Water Development Appropriations Act of 1999 provide a navigation channel approximately 10,925ft long X 1,017ft wide. This project provides additional time for the passage of deep draft vessels transiting to and from the Port of Anchorage. Construction was completed in 2000.



- Maintenance Dredging 2015 thru 2017
- Dredge Type: Hopper
- Quantity: 350,000 CY/year
- Authorized Depth: -38 feet MLLW
- Dredge Period: 1 June to 15 July
- Placement: In-Water
- Contractor: Manson Construction Co.
- Contract Type: RFP Base + 2 Option Years
- Included in Anchorage Contract as Optional Items



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NOME HARBOR

- Location: Nome Harbor is located on the southern coast of the Seward Peninsula in western Alaska. The city is approximately 540 miles northwest of Anchorage.
- Project Description: 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 area of Alaska.

PROJECT
LOCATION



- Maintenance Dredging 2013 thru 2017
- Dredge Type: Pipeline
- Quantity: 34,000 CY/year
- Authorized Depth: -10, -12, & -22 feet MLLW
- Dredge Period: Ice Out to 31 July
- Placement: Beach Nourishment
- Contractor: Alaska Marine Excavation
- Contract Type: IFB Base + 4 Option Years

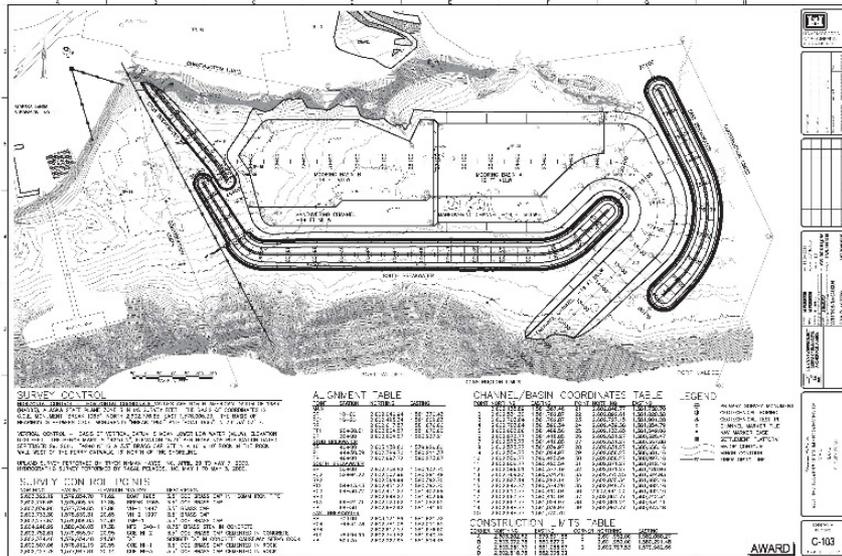


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VALDEZ HARBOR

- Location: Northeastern end of Valdez Arm in Southcentral Alaska.
- Project Description: The proposed navigation improvements will provide approximately 14 acres of additional moorage space to help alleviate overcrowding in the existing harbor. The harbor will be used by commercial, recreational, and oil spill response vessels.



- New Construction 2015 thru 2017
- Dredge Type: Mechanical and/or Hydraulic
- Quantity: 346,120 CY
- Authorized Depth: -14 & -19 feet MLLW
- Dredge Period: April thru mid-November subject to environmental requirements
- Placement: In-Water
- Contractor: Western Marine Construction
- Contract Type: RFP



UPCOMING CONTRACTS



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ANCHORAGE HARBOR

- Location: Anchorage is located at the northern end of Cook Inlet in Southcentral Alaska.
- Project Description: Authorized by the Rivers and Harbors 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 inter-modal marine facility. This port is the largest cargo port in Alaska serving as the main supply and distribution center for the south-central and interior areas as well as the two large military bases within the Municipality of Anchorage. Water Borne Commerce was 2.9 million short tons for year 2014.



- Maintenance Dredging 2018 thru 2020
- Dredge Type: Hopper or Mechanical
- Quantity: 1,100,000 CY/year
- Authorized Depth: -35 feet MLLW
- Dredge Period: 20 April to 10 November
- Placement: In-Water
- Solicitation: 1st QTR FY18
- Contract Type: RFP Base + 2 Option Years

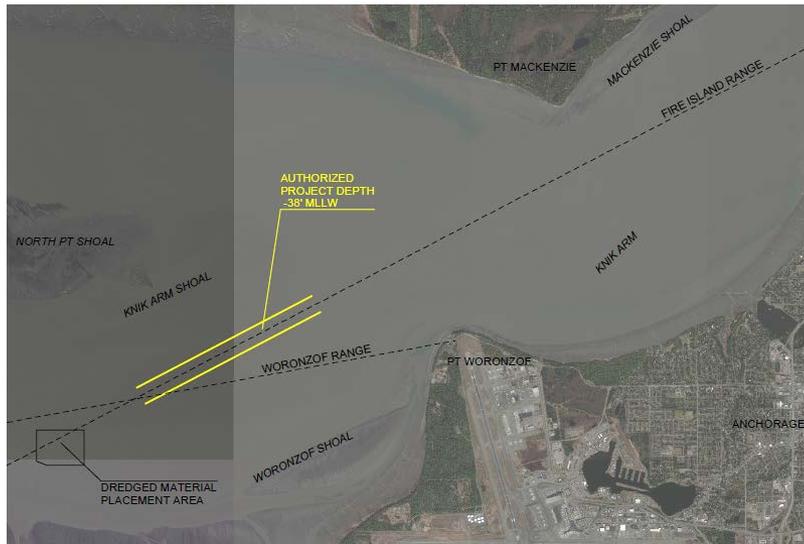


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COOK INLET NAVIGATION CHANNEL

- Location: Cook Inlet Navigation Channel is located in Knik Arm approximately 7 miles southwest of the Port of Anchorage.
- Project Description: The Water Resources Development Act of 1996 and Energy and Water Development Appropriations Act of 1999 provide a navigation channel approximately 10,925ft long X 1,017ft wide. This project provides additional time for the passage of deep draft vessels transiting to and from the Port of Anchorage. Construction was completed in 2000.



- Maintenance Dredging 2018 thru 2020
- Dredge Type: Hopper or Mechanical
- Quantity: 350,000 CY/year
- Authorized Depth: -38 feet MLLW
- Dredge Period: 1 June to 15 July
- Placement: In-Water
- Solicitation: 1st QTR FY18
- Contract Type: RFP Base + 2 Option Years
- Included in Anchorage Contract as Optional Items



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DILLINGHAM HARBOR

- Location: Northern end of Nushagak Bay in western Alaska.
- Project Description: 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.



- Maintenance Dredging 2017 thru 2019
- Dredge Type: Pipeline
- Quantity: 110,000 CY/Year
- Authorized Depth: +2 feet MLLW
- Dredge Period: 15 May to 15 July
- Placement: In-Water
- Solicitation: Advertise 3 November 2016 and bids due 6 December 2016
- Contract Type: IFB Base + 2 Option Years



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HOMER HARBOR

- Location: Southern end of the Kenai Peninsula in Southcentral Alaska.
- Project Description: Authorized by the River 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, USCG vessels, and the commercial fishing fleet.



- Maintenance Dredging 2017 thru 2019
- Dredge Type: Pipeline
- Quantity: 9,000 CY/Year + USCG 7,000 CY/Year
- Authorized Depth: -20 & -26 feet MLLW
- Dredge Period: USCG Dock in April; Harbor & USCG Dock in September to mid-October
- Placement: Upland and Beneficial Use
- Solicitation: Advertise 29 November 2016 and bids due 10 January 2017
- Contract Type: IFB Base + 2 Option Years

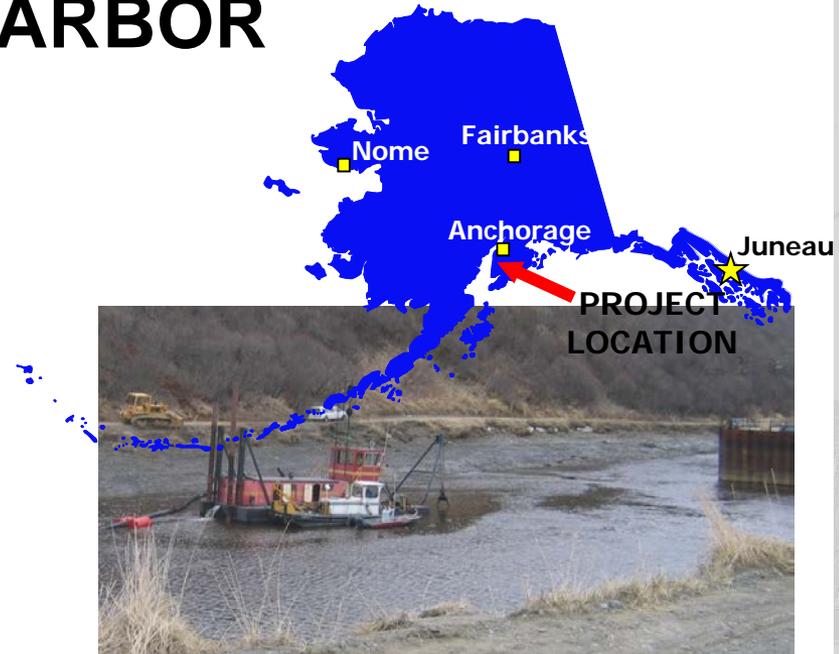


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NINILCHIK HARBOR

- Location: Western side of the Kenai Peninsula on the shores of lower Cook Inlet.
- Project Description: Authorized by the Rivers and Harbors Act 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 2017 thru 2019
- Dredge Type: Pipeline & Mechanical
- Quantity: 11,000 CY/Year
- Authorized Depth: +2 & +9 feet MLLW
- Dredge Period: 25 April to 15 May
- Placement: Upland and Beneficial Use
- Solicitation: Advertise 29 November 2016 and bids due 10 January 2017
- Contract Type: IFB Base + 2 Option Years
- Included in Homer Contract as Optional Items



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NOME HARBOR

- Location: Nome Harbor is located on the southern coast of the Seward Peninsula in western Alaska. The city is approximately 540 miles northwest of Anchorage.
- Project Description: 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 area of Alaska.

PROJECT
LOCATION



- Maintenance Dredging 2018 thru 2020
- Dredge Type: Pipeline
- Quantity: 34,000 CY/year
- Authorized Depth: -10, -12, & -22 feet MLLW
- Dredge Period: Ice Out to 31 July
- Placement: Beach Nourishment
- Solicitation: 1st QTR FY18
- Contract Type: IFB Base + 2 Option Years



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THOMAS BASIN

- Location: Thomas Basin is located in Ketchikan along Tongass Narrows in southeast Alaska.
- Project Description: Authorized by the Rivers and Harbors Act of 1930 and constructed in 1933. The project consists of a 940 foot long rubble-mound breakwater and 11 acre mooring basin. Maintenance dredging has been accomplished by the Corps five times since construction was completed.



- Maintenance Dredging
- Dredge Type: Mechanical
- Quantity: 5,000 CY
- Authorized Depth: -10 feet MLLW
- Dredge Period: November 2017 – February 2018
- Placement: To Be Determined
- Solicitation: Advertise 4 May 2017 and proposals due 6 June 2017
- Contract Type: RFP Low Price, Technically Acceptable



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SCHEDULE



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O&M DREDGING PLAN FOR FY17*

Project	District	Adv./Open Bids Dates	2016 2017												Volume	Placement Site	Notes			
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP				OCT	NOV	DEC
			FY 2017									FY 2018								
Alaska District (POA)																				
Anchorage Harbor (Hopper or Mechanical)	POA	n/a	█															1.1mcy/yr	In-water	Existing contract; includes option to dredge Cook Inlet Nav. Channel.
Anchorage Harbor (Hopper or Mechanical)	POA	Oct-17 Dec-17																1.1mcy/yr	In-water	New contract for 2018-2020; may include option to dredge Cook Inlet Nav. Channel.
Dillingham Harbor (Pipeline)	POA	03-Nov-16 06-Dec-16																110kcy/yr	In-water	New contract for 2017-2019 (SB Set-Aside IFB).
Homer & Ninilchik Harbors (Pipeline)	POA	29-Nov-16 10-Jan-17																27kcy/yr	Upland / Beach	New contract for 2017-2019 (SB Set-Aside IFB).
Nome Harbor (Pipeline)	POA	n/a																34kcy/yr	Beach	Existing contract. Dredging within inner harbor to be completed by 30 June.
Nome Harbor (Pipeline)	POA	Oct-17 Dec-17																34kcy/yr	Beach	New contract for 2018-2020 (SB Set-Aside IFB).
Thomas Basin (Mechanical)	POA	04-May-17 06-Jun-17																5kcy	To Be Determined	Environmental window for dredging likely November - February.
Valdez Harbor (Mechanical or Hydraulic)	POA	n/a	█															346kcy	In-water	Navigation improvements to expand harbor. Estimated completion in Nov. 2017.



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QUESTIONS?

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