

EASTERN SHORE REGIONAL
NAVIGABLE WATERWAYS COMMITTEE



Meeting Agenda
Thursday April 20, 2023
3:00PM – 4:00PM

Enterprise Building (A-NPDC)
23372 Front Street, Accomac, VA 23301

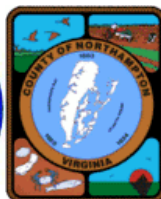
1. Call to Order
2. Minutes of the January 19, 2023 Meeting
3. A-NPDC Staff Updates
 - a. Commission Updates, *Elaine Meil*
 - b. State Waterway Project Updates & Next Steps, *Jessica Steelman*
4. Committee Updates
 - a. ACOE/Other Projects & Funding Issues, *John Joeckel*
5. Stakeholder Updates
6. Public Comment
7. Other Matters
 - a. Schedule Next Meeting: July 20, 2023 @ 3:00-5:00PM,
Enterprise Building (A-NPDC), Accomac
8. Committee Business
9. Adjourn



EASTERN SHORE REGIONAL
NAVIGABLE WATERWAYS COMMITTEE

ATTENDANCE RECORD
FY2023

Members	Term Exp.	07/2022	10/2022	01/2023	04/2023
<i>Accomack County</i>					
Donald Hart	6/30/2025				
William J. "Billy" Tarr	6/30/2025	X		X	
John Joeckel	6/30/2023	X	X	X	
John Tavolaro	6/30/2023	X		X	
George "Danny" Bowden	6/30/2023	X	X	X	
<i>Northampton County</i>					
John Coker	6/8/2024	X			
Dixon Leatherbury	6/8/2024	X			
J.T. Holland	6/8/2024	X		X	
Andy Dunton	6/8/2024	X	X	X	
Robert Harris	6/8/2024		X	X	
<i>Non-Voting Ex-Officio Members</i>					
Jessica Steelman	NA	X		X	
<i>Vacant</i>		Ashley Mills,			
	- Not a Member			X Member Present	
	* No Meeting Held			NA Not Applicable	
	() Alternate Present				





EASTERN SHORE REGIONAL
NAVIGABLE WATERWAYS COMMITTEE

MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Elaine Meil, Executive Director, A-NPDC

DATE: April 20, 2023

SUBJECT: Commission Update

Elaine Meil, Executive Director of the A-NPDC will be providing an update from the March 2023 PDC Commissioners' meeting.



MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Jessica Steelman, Coastal Planner

DATE: April 20, 2023

SUBJECT: Staff Memo

Kings Creek, Phase 2 [VPA FY22]

- Proposals have been submitted
- Select Executive Committee (SEC) tasked with reviewing and ranking proposals

Next Steps:

1. Set SEC meeting to discuss proposal rankings and select awardee
2. Announce award in June, contingent upon VPA funding
3. *Pending award*, dredging will begin September 5, 2023 (after Labor Day)

Nassawadox Creek, Phase 1B [VPA FY22]

- Staff spoke with resident, Chris Prior of Westerhouse Rd
 - In support of the effort, access to land if needed

Next Steps: *(resulting decision from 2/2/2023 SEC meeting)*

1. Geodynamics will survey Nassawadox's Southern Nearshore Berm (all by boat) *scheduled*
2. Geodynamics will get 4 grab samples at the Southern Nearshore Berm *scheduled*

Red Bank Creek, Phase 1B [VPA FY22]

- Staff met with consultants and The Nature Conservancy's Alex Wilke and Ben Nettleton to discuss placement on TNC marshlands for habitat development for migratory birds
 - With further assessment, highly potential beneficial use
 - Lightning Point project
 - M&N are contracted with TNC-Alabama currently to perform post-construction annual monitoring for 5 years of the: marsh creation areas, tidal creeks, and breakwater features
 - Attached: [2021 COPRI Project Excellence Award](#) Narrative & Photos
- Staff met with Mr. Jim Murray, Brickhouse Neck, LLC on Monday 4/17/23

Next Steps: *(resulting decision from 2/2/2023 SEC meeting)*

1. Geodynamics will survey Red Bank's *Connector* (all by boat) *scheduled*
2. GET will perform gradation tests *scheduled*
3. GET will perform vibracores (agriculture) *scheduled*

Folly Creek, Phase 1B [VPA FY22]

- Staff met with consultants & Charles Carter ([Weanack Land](#)), experienced in the science and development of handling and managing dredged spoils
 - Potential for placing dredged material on farmland
 - Takes time to de-salinize before ready for planting
 - Mr. Carter & Mr. Lee Daniels from VT are willing to discuss further and provide guidance throughout the process, if moving forward

Next Steps:

1. GET will perform vibracores (agriculture) *scheduled*

EASTERN SHORE REGIONAL
NAVIGABLE WATERWAYS COMMITTEE



MEMORANDUM

TO: Eastern Shore Regional Navigable Waterways Committee

FROM: Jessica Steelman, Coastal Planner

DATE: April 20, 2023

SUBJECT: Stakeholder Updates since January 2023

USACE – Mike Anderson, Michael.L.Anderson@usace.army.mil, Chris Turner, Chris.W.Turner@usace.army.mil, & Richard Harr, richard.m.harr@usace.army.mil

NOAA – Ryan Wartick, ryan.wartick@noaa.gov

USCG – Albert Grimes, Albert.L.Grimes@uscg.mil

Cherrystone Aqua Farms – Kim Huskey, kim@clamandoyster.com

- Met with Senator Kaine about expediting the dredging permits for Little Machipongo. His staff is more than happy to make a few calls to the ACOE when the time is appropriate.

Congresswoman Kiggans – Mara Engelbert, mara.engelbert@mail.house.gob

CORPS OF ENGINEERS NORFOLK DISTRICT

Eastern Shore Regional Navigable Waterways Committee Status Update for 20 April 2023

Norfolk District Civil Works Program updates on Projects currently under development

Chincoteague Inlet Federal Navigation Project:

Chincoteague Inlet received \$3,375,000 in FY2023 Congressional appropriations.

Maintenance dredging utilizing the dredge Murden concluded on January 27, 2023, removing approximately 9,000 cubic yards from the inner channel alignment with dredged material placement into the authorized nearshore zone off Wallops Island.

Project appropriations will be used for a full scope maintenance dredging contract including portions of the inner channel and outer bar to project authorized depths. The Corps will continue its collaboration with the U.S. Fish and Wildlife Service, National Park Service and Chincoteague National Wildlife Refuge to beneficially place suitable material at one their designated restoration sites surrounding Toms Cove.

Chincoteague Harbor of Refuge Federal Navigation Project:

Chincoteague Harbor of Refuge received \$250,000 in FY2023 Congressional appropriations.

Maintenance dredging utilizing the dredge Murden is scheduled to occur in FY 2023 with the first event concluding in January 2023, removing approximately 1,000 cubic yards from the harbor's entrance channel. Safe navigable depths were restored in advance of the upcoming boating season.

Quinby Channel Federal Navigation Project:

Quinby Channel was a donor of a reprogramming action in FY2022 for \$128,000 and received \$2,917,000 in FY2023 Congressional appropriations.

The NAO project team and ERDC continue working together to determine if the Peeler Point overboard site is a dispersive or non-dispersive source of dredged sediments redepositing into the Quinby navigation channel. Study deliverables will include a dredge material management plan to help identify environmentally acceptable methods for containing unconfined placement of dredged material in advance of the next dredging cycle.

FY2023 appropriations will be used for a full scope maintenance dredging contract of the Quinby landing and access channel to restore the project to maintained depths.

Waterway on the Coast of Virginia (WCV) Federal Navigation Project:

WCV received \$4,975,000 in FY2023 Congressional appropriations.

The USCG, Sector Virginia has recently indicated to the Norfolk District that it is becoming increasingly difficult to get Coast Guard Station boats in and out of Station Wachapreague. The unit is only able to get in and out at high tides.

The Eastern Shore Regional Navigable Waterways Committee (ESRNWC) has requested that the District perform condition surveys of Lewis Creek, Bradford Bay, and Chesapeake Bay to

CORPS OF ENGINEERS NORFOLK DISTRICT

Eastern Shore Regional Navigable Waterways Committee

Status Update for 20 April 2023

Magothy Bay and Magothy Bay to determine how best to utilize the FY 23 appropriated funding in support of maintenance dredging. Those surveys are currently scheduled to be accomplished by May of 2023.

Based on current shoaling conditions within Wachapreague, Bradford Bay & Finney Creek, priority of project funds will go to restoring navigation at Wachapreague to support the USCG mission at Station Wachapreague. The Norfolk District is showing capability to execute maintenance dredging in two different locations on the WCV. Mapping will be provided to the ESRNWC once available for prioritizing the second maintenance dredging location within the WCV Federal project.

Tangier Channels Federal Navigation Project:

The Project received \$2,884,000 in FY2023 Congressional appropriations. These funds will be utilized for a fully scoped maintenance dredging contract.

\$500,000 in FY2022 Work Plan funds are being utilized for maintenance dredging with Government Plant. The Special Purpose dredge Murden mobilized to the island and commenced dredging of the Eastern Channel on 06 April 2023 with placement at the nearshore placement site northwest of Uppards. Dredging is expected to conclude on or about 16 April 2023.

The Baltimore Harbor and Channels Civil Works O&M project received \$300,000 in FY2023 Congressional appropriations to evaluate beneficial use of dredged material at Tangier Island, VA. A team will be developed with expertise in beneficial use of dredged material within the North Atlantic Division, and a kick-off meeting is currently being scheduled. As part of the process, the ESRNWC and Town of Tangier Island, VA will be asked to participate and provide input. The \$300,000 will be used to initiate design, and environmental coordination. The Norfolk District is currently showing capability for an additional \$500,000 in FY 2024 to finalize designs, environmental authorizations, plans, and specifications leading to a contract to build a placement site infrastructure that would serve to receive dredged material but also provide stability to portions of the Northwestern shoreline of Tangier Island, VA.

A Virginia Marine Resources Commission (VMRC) permit authorizing overboard placement of dredged material at Tangier Island was executed on 14 November 2022.

Little Machipongo River Federal Navigation Project:

Little Machipongo River received \$2,200,000 in FY2023 Congressional appropriations.

These funds will be used to evaluate the Government furnished placement site, initiate field evaluations, perform design, environmental coordination, and authorizations, plans and specifications, solicitation, and contract award.

CORPS OF ENGINEERS NORFOLK DISTRICT

Eastern Shore Regional Navigable Waterways Committee Status Update for 20 April 2023

Cedar Island, CAP, Section 204, Beneficial Uses of Dredged Material:

The purpose of the project is to beneficially use the dredged material from the Finney Creek Channel and the Bradford Bay Channel for enhancement, expansion, and protection of the Cedar Island back-barrier shoreline wetlands and marsh islands. The thin-layer spraying will be done via a hydraulic cutterhead dredge equipped with a pipeline that will spray the material from the Federal navigation sites. Total Project costs are estimated at \$11,258,000, which are to be cost shared on a 65 percent Federal and 35 percent non-Federal basis. The USACE NAD concurred with the Norfolk District's recommendation on 24 October 2019 concluding the feasibility phase of the project. Next phase is design and implementation phase, which requires a non-Federal Sponsor.

On 27 March 2023, the Norfolk District addressed the lack of Project sponsorship during the recent Project Delivery Board for the Continuing Authority Program. VMRC has indicated they are currently not interested in sponsoring the Project. District leadership suggested that the District engage other state agencies (Virginia Department of Wildlife Resources and the Virginia Department of Conservation and Recreation). The District is following up with staff at those agencies to identify a potential path forward. A non-Federal sponsor and Letter of Intent is required for the District to show capability to initiate the design and implementation phase.

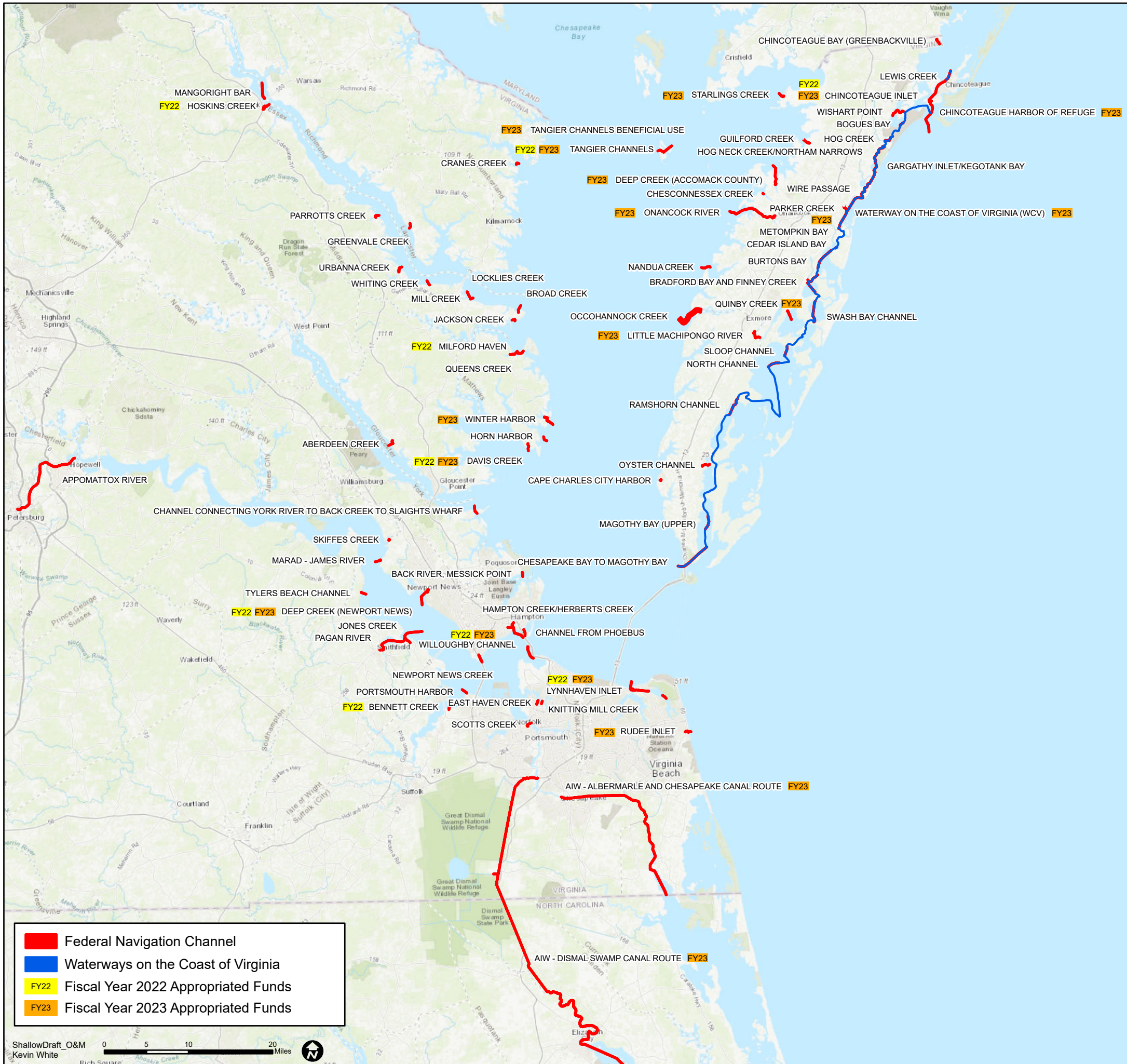
General Investigation Studies:

Chincoteague Island, Chincoteague, VA Flood Risk Management General Investigations (GI) Feasibility Study. Study authority is provided by Section 1201(27) of the Water Infrastructure Improvements for the Nation Act of 2016 (Public Law 114-322) which states (27) CHINCOTEAGUE ISLAND, VIRGINIA. Project for hurricane and storm damage reduction, navigation, and ecosystem restoration, Chincoteague Island, Virginia. The town of Chincoteague is the non-Federal sponsor, has provided a letter of support and has secured a cost share. The Norfolk District continues to submit the feasibility study for budget consideration. The district received an updated letter of intent in support of the study dated 27 March 2023, from Chincoteague Town Manager Michael T. Tolbert.

Tangier Island, VA Aquatic Ecosystem Restoration GI Feasibility. Study authority is provided by Section 1201 under America's Water Infrastructure Act of 2018 to evaluate...(9) COASTAL VIRGINIA, VIRGINIA.—Project for flood risk management, ecosystem restoration, and navigation, Coastal Virginia. Or (10) TANGIER ISLAND, VIRGINIA. Project for flood risk management and ecosystem restoration, Tangier Island, Virginia. The Norfolk District continues to submit the feasibility study for budget consideration. The district is aware of a Community Project Funding request for FY 2024, submitted by the Eastern Shore Regional Navigable Waterways Committee to the House of Representatives. A non-Federal sponsor and Letter of Intent is required for the District to show capability to initiate a study.

*** Please refer to the table and program mapping below for a summary of Projects funded in FY 2022/2023 with estimated times for work award and completion.**

Project Name	Civil Works Appropriation	Business Line	Total Appropriated FY22	Total Appropriated FY23	Estimated Construction Award Schedule	Estimated Construction Complete Schedule	Notes
Chincoteague Island, VA, New Start Feasibility	Investigation	Coastal Storm Risk Management	\$0	\$0	Not Applicable		Non-Federal Sponsor is the Town of Chincoteague, VA. Letter of intent provided.
Tangier Island Aquatic Ecosystem Restoration, VA, New Start Feasibility	Investigation	Aquatic Ecosystem Restoration	\$0	\$0			Non-Federal Sponsor and Letter of Intent is required for USACE to show capability.
Cedar Island, CAP, Section 204, Beneficial Uses of Dredged Material	Construction (CAP)	Aquatic Ecosystem Restoration	\$0	\$0			Non-Federal Sponsor and Letter of Intent is required for USACE to show capability.
Chincoteague Harbor of Refuge, VA	Operations & Maintenance	Navigation	\$0	\$250,000	Sep-23	Sep-23	Maintenance dredging to be performed by the USACE dredge MURDEN
Chincoteague Inlet, VA	Operations & Maintenance	Navigation	\$680,000	\$3,375,000	Oct-24	Oct-25	Includes maintenance dredging by MURDEN and full scope contract for maintenance dredging with beneficial use of dredged material at nearby NWR. Estimated 18 months to award. Required agreement between USACE and U.S. Fish and Wildlife Service.
Deep Creek Accomack County, VA	Operations & Maintenance	Navigation	\$0	\$4,275,000	Jan-25	Jan-26	Placement site evaluation, field investigations, environmental coordination, design, development of plans and specifications is required. Estimated 18 to 24 months to award a contract.
Little Machipongo River, VA	Operations & Maintenance	Navigation	\$0	\$2,200,000	Sep-24	Jun-25	Government furnished placement site evaluation, field investigations, environmental coordination, design, development of plans and specifications is required. Estimated 18 months to award a contract.
Onancock River, VA	Operations & Maintenance	Navigation	\$0	\$700,000	Feb-24	Mar-24	Work to be performed by the USACE dredge MURDEN. Coarse grain material to be dredged with nearshore placement.
Parker Creek, VA	Operations & Maintenance	Navigation	\$0	\$3,544,000	Feb-25	Feb-26	Placement site evaluation, field investigations, environmental coordination, design, development of plans and specifications is required. Estimated 22 months to award.
Quinby Creek, VA	Operations & Maintenance	Navigation	\$0	\$2,917,000	Sep-24	Mar-25	Placement site evaluation and modelling to be completed, field investigations, environmental coordination, design, development of plans and specifications is required. Estimated 18 months to award a contract.
Starlings Creek, VA	Operations & Maintenance	Navigation	\$0	\$1,705,000	Jun-24	Feb-25	Contract to prepare the placement site for dredged material. Environmental coordination, design, development of plans and specifications is required. Estimated 14 months to award.
Tangier Channels, VA	Operations & Maintenance	Navigation	\$500,000	\$2,884,000	Jul-24	Mar-25	Includes Murden Dredging and Full Scope Contract for maintenance dredging and beneficial use of dredged material at nearby Beach (Northwest shoreline). Estimated 15 months to award.
Tangier Channels Beneficial Use	Operations & Maintenance	Navigation	\$0	\$300,000	Not Applicable	Not Applicable	Perform an evaluation using dredged material from nearby Federal channels for beneficial use on Tangier Island. Focus will consider using dredged material to repair, renourish, and stabilize the shoreline.
Waterway on the Coast of Virginia, VA	Operations & Maintenance	Navigation	\$0	\$4,975,000	Feb-24	Aug-24	Full scope contract for maintenance dredging Bradford Bay and Finney Creek with placement of dredged material at the nearby permitted overboard placement site. Lewis Creek and Magothy Bay project elements being surveyed for consideration for maintenance dredging contract as well. Estimated 10 months to award 1st contract.
TOTAL			\$1,180,000	\$27,125,000			



Shallow Draft O&M Funding FY 2022 - 2023

Project Name	Business Line	Total Appropriated FY22	Total Appropriated FY23
OPERATION & MAINTENANCE			
Atlantic Intracoastal Waterway, ACC Route, VA	Navigation		7,035,000
Atlantic Intracoastal Waterway, DSC Route, VA	Navigation/FRM		3,971,000
Bennetts Creek, VA	Navigation	420,000	0
Chincoteague Harbor of Refuge, VA	Navigation	0	250,000
Chincoteague Inlet, VA	Navigation	680,000	3,375,000
Davis Creek, VA	Navigation	265,000	1,858,000
Deep Creek Accomack County, VA	Navigation	0	4,275,000
Deep Creek Newport News, VA	Navigation	3,676,000	1,400,000
Hoskins Creek, VA	Navigation	2,500,000	0
Little Machipongo River, VA	Navigation	0	2,200,000
Lynnhaven Inlet, VA	Navigation	2,985,000	1,350,000
Milford Haven, VA	Navigation	5,675,000	0
Onancock River, VA	Navigation	0	700,000
Parker Creek, VA	Navigation	0	3,544,000
Quinby Creek, VA	Navigation	0	2,917,000
Rudee Inlet, VA	Navigation	0	425,000
Starlings Creek, VA	Navigation	0	1,705,000
Tangier Channels, VA	Navigation	500,000	2,884,000
Tangier Channels Beneficial Use	Navigation	0	300,000
Waterway on the Coast of Virginia, VA	Navigation	0	4,975,000
Willoughby Channel, VA	Navigation	2,840,000	2,837,000
Winter Harbor, Mathews County, VA	Navigation	0	3,200,000