

Craney Island Dredged Material Management Area (CIDMMA)
Craney Island Eastward Expansion Construction Project
 Project Progress Report
 23 January 2012

Project Description: The Craney Island Dredged Material Management Area (CIDMMA) is a 2,500 acre site in Portsmouth, Virginia authorized by the 1946 Rivers and Harbors Act and constructed from 1956 through 1958. The CIDMMA is federally owned and operated and is used by private interests, municipalities, Federal and State agencies for dredged material placement from Norfolk Harbor and adjacent waterways. The 2007 Water Resources Development Act (WRDA) authorized a 580 acre expansion of the containment area to the east. There is a mitigation component of the project, supported by all local environmental groups. The expansion will provide additional dredged material capacity and provide a suitable platform for a new port facility. The Virginia Port Authority is the non-Federal sponsor and signed Memorandums of Understanding (MOUs) for work provided or performed prior to execution of a Project Partnership Agreement (PPA) in June 2009, October 2010, and August 2011. Specifically, the MOUs support project engineering and design and construction of the Stage 1 and 2 South and Division Dikes at Craney Island and the Paradise Creek Mitigation project.

Acquisition Strategy: The project will be built in stages through 2021 based on an agreed upon integration construction strategy. Construction work to build an earth Berm for relocating an existing Fuel and Oil Wastewater line at Craney Island was completed in 2009. The Stage 1 construction project to build the South and Division Dikes to an elevation of about -5 feet Mean Lower Low Water (MLLW), installation of Prefabricated Vertical Drains (PVDs), and installation of settlement plates is substantially complete. The Virginia Port Authority is currently accomplishing a portion of the Stage 2a construction which includes building segments of the South and Division Dikes to elevation +10 feet MLLW and the Paradise Creek Mitigation project. Invitation for Bid (IFB) and request for Proposal-Purchase Order was used to procure the Contracts.

Summary of Proposed Contract Acquisitions in Fiscal Year 2012 include:

MAR 2012	APR 2012	MAY 2012	JUN 2012	JUL 2012	AUG 2012	SEPT 2012	OCT 2012	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013
Complete Construction of South and Division Dikes to +10 feet MLLW														
	Ready to Advertise		Contract Award									Construction Work Accomplished		
Oyster Mitigation Project to build 16 Acres of Oyster Reef														
	Ready to Advertise			Contract Award		Construction Work Accomplished								
Pre-Dredge Portions of the Main Dike and Access Channels														
		Ready to Advertise			Contract Award		Construction Work Accomplished							

Account Manager: Michael Darrow Project Manager: Michael Anderson
 Local Sponsor Representative: Virginia Port Authority, Jeff Florin
 Construction Contractor: Weeks Marine, Great Lakes Dredge and Dock, C T Purcell

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Current Phase: Construction General

Financial Information: (As of 23 January 2012)

- Civil Works and Local Sponsor Funding
Total funds currently available for obligation - \$220,842

President's Budget amount for Fiscal Year 2012 - \$27,400,000
Estimated Appropriation for Fiscal Year 2012 - \$26,852,000

- Current Project Estimate - FY11 Pricing Level: \$880,000,000
- Project Estimate inflated through Construction: \$940,000,000
- Section 902 Authorized Cost Level: \$957,000,000

Project Control Status:

- Primary Project goals continue to be 1) Building the Vertical PDT, 2) advancing the PPA and PMP, and 3) focus on executing current and upcoming construction work.
- Soils at CIDMMA have been contaminated from the previous leaks along the pipeline. US Navy has started clean-up contract, Potomac Environmental is making permanent repairs on the pipeline. Contractor is also coordinating with WF Magann as contaminated soil is encountered during rip rap removal.
- Oyster Mitigation Project - Comments from Virginia Department of Environmental Quality (VDEQ) are being resolved and plans/specifications are also being updated for continuity. Project Delivery Team (PDT) meeting occurred on 11 January 2012; a follow up meeting with VDEQ occurred on 20 January 2012. Construction license between the U.S. Navy and Norfolk District is required for the blows creek site, and may take 6 months to acquire. PDT is evaluating making the blows creek site an option on the contract. Project execution is subject to the Project Partnership agreement being signed.
- Paradise Creek Project Status - Planting of shrubs is 30% complete. Wetlands will be planted starting in March/April 2012. Project will be complete in October 2012.
- Stage 1 Project is substantially complete.
- Stage 2a Project Schedule and Scope - Weeks Marine is scheduled to start work the week of 27 January 2012. Kick off meeting for Unexploded Ordinance and preconstruction will occur week of 23 Jan 2012.
- The District submitted the draft Project Partnership Agreement (PPA) to North Atlantic Division (NAD), USACE on 19 December 2011. Review comment

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conference occurred on 17 January 2012. Minor comments to be incorporated. Mike Anderson will update the PPA package and provide updates to NAD ASAP.

CIEE Construction Stage 1: Great Lakes Dredge and Dock

Contract Amount \$27.1M.

Placement of about 600,000 Cubic Yards of Dredged Material from the Atlantic Ocean Channel

Installation of 12 million linear feet of Prefabricated Vertical Drain

CIEE Construction Stage 2a: Weeks Marine

Contract Amount \$11.4M.

Placement of 700,000 Cubic Yards of dredged material from the Cape Henry Channel. A two foot lift of sand on both the South and Division Cross Dikes; build ½ length of each dike to elevation +10.

Paradise Creek Mitigation Work: C.T. Purcell

Contract Amount \$5.13M.

Build 11 Acres of Wetlands

Quality Issues:

- No quality control issues.

Quality Control/Quality Assurance Notes:

- Virginia Port Authority/Norfolk District Construction representative oversight.
- Contractor Daily Reports are posted to the project share point site.

Safety Concerns:

- No reportable safety accidents have recently occurred.

Communications:

- CORE meetings occur every two weeks with the next CORE meeting scheduled for 3 February 2012, 0900 at the District.
- In general, the CIEE construction progress meetings occur at the District every other Tuesday at 1300. Next meeting is scheduled for 31 January 2012.
- Regular emails and phone calls occur with Local Sponsor, NAD, HQ, and PDT members.

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