



Taylor's Island Shoreline Protection Dorchester County, MD

U.S. ARMY CORPS OF ENGINEERS
FACT SHEET as of February 1, 2015

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AUTHORIZATION: Chesapeake Bay Environmental Restoration and Protection Program - Section 510 of Water Resource Development Act (WRDA) 1996, as amended by Section 5020 of WRDA 2007

TYPE OF PROGRAM: Ecosystem Restoration

CONTRIBUTION TO CHESAPEAKE BAY: Directly contributes to achieving protection and restoration goals established by the 2009 Executive Order 13508 and the 2014 Chesapeake Bay Program Agreement to restore clean water, recover habitat, and sustain fish and wildlife.

PROJECT PHASE: Construction

CONGRESSIONAL INTEREST: Senators **Mikulski and Cardin (MD)**; Representative **Harris (MD-1)**

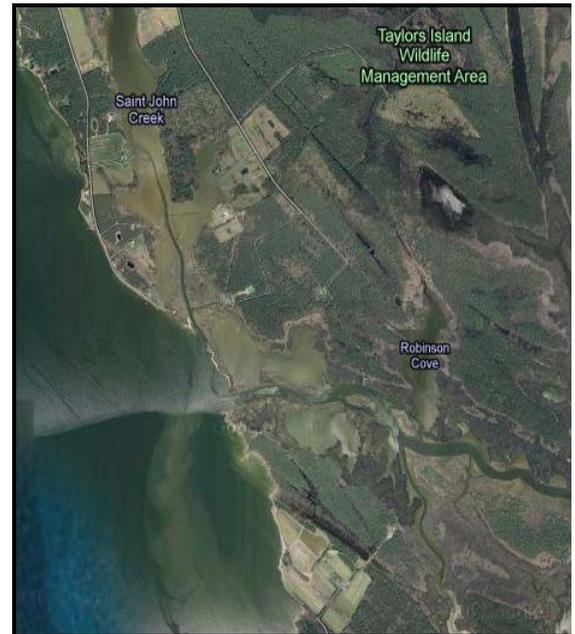
NON-FEDERAL SPONSOR: County Council for Dorchester County

BACKGROUND: The project is located on along the shoreline of Taylor's Island in Dorchester County.

Section 510 of WRDA 1996 authorizes the establishment of a pilot program to provide environmental assistance to non-federal interests in the Chesapeake Bay watershed. At least one project shall be established in each of the states of Maryland, Pennsylvania, and Virginia. Design and construction costs will be cost-shared at 75 percent federal (Corps) and 25 percent non-federal (sponsor).

The shoreline along Punch Island Road on Taylor's Island in the vicinity of the confluence of the St. John Creek and Punch Island Creek is rapidly eroding due to wave action. Behind the peninsula separating the Chesapeake Bay and St. John Creek is nearly 150 acres of prime wetlands that are adjacent to the Taylor's Island Wildlife Management Area. The wetlands would be subject to degradation if the peninsula were allowed to breach.

The recommended plan calls for the construction of a 2,200 linear foot stone revetment along the shoreline, plus construction of 3,000 linear feet of segmented stone breakwaters. The stone revetment and breakwaters will serve to diffuse the wave action, which is eroding the shoreline. This effort supports USACE's efforts in ecosystem restoration as stipulated in Executive Order 13508 for Chesapeake Bay Protection and Restoration.



STATUS: The stone revetment and phase I breakwaters have been constructed and transferred to the sponsor. There are two options for completion of the remaining breakwaters (phase II). Alternative one (\$2.8M) provides the minimum shoreline protection, whereas, alternative two (\$3.5M) provides additional shoreline protection beyond Punch Island Creek. A Risk Analysis Report to assess current and future conditions of the site, post phase I construction, identified that the current breakwaters are protecting the shoreline. However, without installation of the remaining breakwaters, a breach in the wetland strip will likely occur within the next few years causing degradation to the wetlands. Future non-federal sponsor funding is uncertain.

BUDGET(\$):

		<u>Construction</u>		
	<u>Design</u>	<u>Stone Revetment</u>	<u>Breakwaters Phase I</u>	<u>Breakwaters Phase II</u>
<u>Total Estimated Cost</u>	\$430,000	\$1,305,000	\$1,100,000	\$3,500,000 ¹
Federal Cost Estimate	325,000	981,000	825,000	2,625,000
Non-Federal Cost Estimate	95,000	324,000	273,000	875,000
 <u>Federal Funds Data</u>		<u>Total</u>		
Allocation thru FY 2013 ²		2,100,000		
Allocation for FY 2014		0		
President Budget FY 2015 ³		0		
Allocation for FY 2015 ⁴		0		
Balance to Complete		2,656,000		

NOTES:

¹ The \$3.5 M is the estimate for completion of Alternative two.

² Financial data is for this project only. Section 510 Program data is located in a separate programmatic fact sheet.

³ The President typically sends the budget to Congress in February each year. Upon release, budget amounts for the USACE Civil Works programs and specified projects are posted online at the HQUSACE website in a program budget press book at <http://www.usace.army.mil/Missions/CivilWorks/Budget.apsx>.

⁴ The final FY 2015 allocation amounts will be made available upon final approval pursuant to the Energy and Water Appropriations Act's continuing funding requirements.

SCHEDULE:

FY 2014 Completed Work: Phase II construction is on hold pending availability of non-federal sponsor funding.

FY 2015 Scheduled Work: Phase II construction is on hold pending availability of non-federal sponsor funding.

COMPLETION DATE: TBD

For more information regarding the Taylors Island Shoreline Protection Project, contact Kimberly Gross, CENAB-PP-C, (410) 962-3457, kimberly.u.gross@usace.army.mil



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