



# North Beach Shoreline Protection/Wetland Restoration, Calvert County, MD

U.S. ARMY CORPS OF ENGINEERS

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**FACT SHEET as of February 1, 2015**

**AUTHORIZATION:** Section 510 of Water Resources Development Act (WRDA) of 1996, as amended by Section 5020 of WRDA 2007

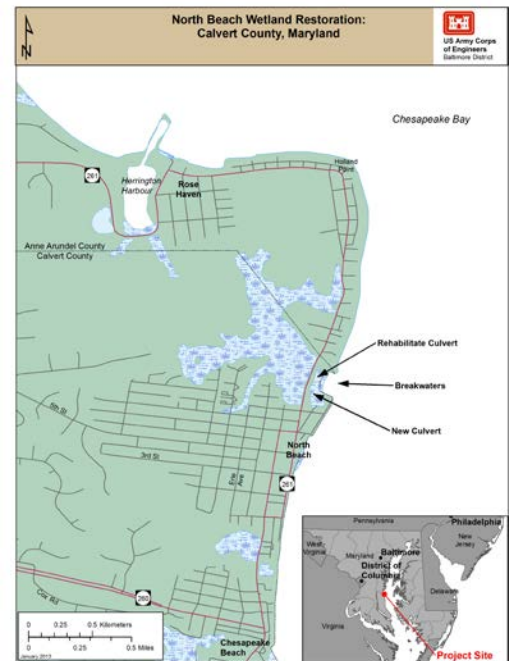
**TYPE OF PROJECT:** Ecosystem Restoration

**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:** Design/Construction

**CONGRESSIONAL INTEREST:** Senators **Mikulski and Cardin (MD)**; Representative **Hoyer (MD-5)**

**NON-FEDERAL SPONSOR:** Town of North Beach, Maryland



**BACKGROUND:** The Town of North Beach is located in the northeastern corner of Calvert County, Maryland, approximately 32 miles southeast of Washington, D.C., on the western shore of the Chesapeake Bay. The town includes approximately 3,000 feet of shoreline and is bounded by Anne Arundel County on the north and by the Town of Chesapeake Beach on the south.

In 2000, a U.S. Army Corps of Engineers (USACE) Section 22, Planning Assistance to States study identified a significant problem involving the degradation of the approximately 105-acre salt marsh in the northern section of the town. The marsh is an important Black Duck stopover, one of the few remaining on the western shore of Maryland. The marsh is also one of the largest tidal marshes on Maryland's western shore of the Chesapeake Bay. Aerial photos from 1952 to 2007 provide evidence that the construction of MD State Route 261, upstream development, and construction of a marina to the east of MD State Route 261 has resulted in alteration of hydrology and disappearance of tidal marsh in the areas behind the road. The problem of continuous erosion of the Chesapeake Bay shoreline east of the tidal marsh has also been significant.

The project consists of replacement of an existing culvert and, potentially, inclusion of an additional culvert to restore natural hydrologic and tidal exchange regimes to the existing marsh. The design and construction of segmented offshore breakwaters is no longer required as part of the project as the Sponsor will be constructing a living shoreline as protection for the eroding shoreline.

**STATUS:** A project scoping report was approved in September 2013. A project management plan is currently being developed. However, this has been delayed pending resolution of land, easement and

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relocation issues related to the roadway. Upon approval of the project management plan, a project partnership agreement will be executed.

**BUDGET(\$):**

	<u>Construction</u>	
	<u>Design</u>	<u>Construction</u>
<u>Total Estimated Cost</u>	\$594,000	\$1,850,000 <sup>1</sup>
Federal Cost Estimate	440,000	1,387,500
Non-Federal Cost Estimate	154,000	462,500
<u>Federal Funds Data</u>	<u>Total</u>	
Allocation thru FY 2013 <sup>2</sup>	440,000	
Allocation for FY 2014	0	
President Budget FY 2015 <sup>3</sup>	0	
Allocation for FY 2015 <sup>4</sup>	TBD	
Balance to Complete	1,387,500	

NOTES:

<sup>1</sup> Cost estimate to be revised pending completion of Project Management Plan and Design

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

<sup>3</sup> 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.aspx>.

<sup>4</sup> 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.

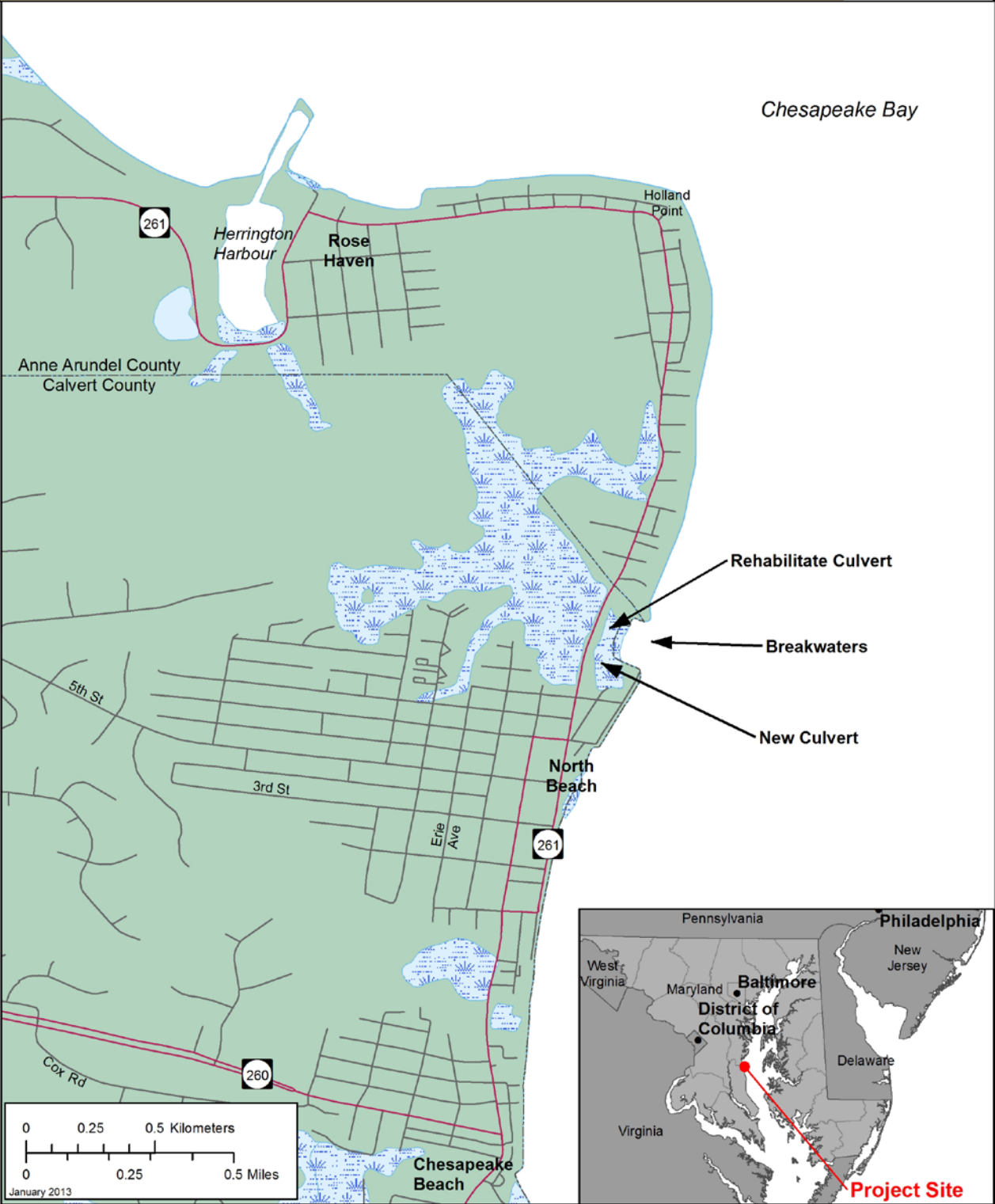
**SCHEDULE:**

FY 2014 Completed Work: With funds received, continued discussions on development of the Project Management Plan.

FY 2015 Scheduled Work: With carry-in funds in the amount of \$405,300, pending resolution of land, easement and relocation issues related to the roadway, finalize the project management plan. Upon approval of the project management plan, a project partnership agreement will be executed.

**COMPLETION:** TBD. With existing federal funding, the design for the project can be completed. Future program funding will be needed for construction.

**For more information** please contact Kimberly Gross, Project Manager at (410) 962-3457, or e-mail [kimberly.u.gross@usace.army.mil](mailto:kimberly.u.gross@usace.army.mil).



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