



Atlantic Coast of Maryland Shoreline Protection, MD

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

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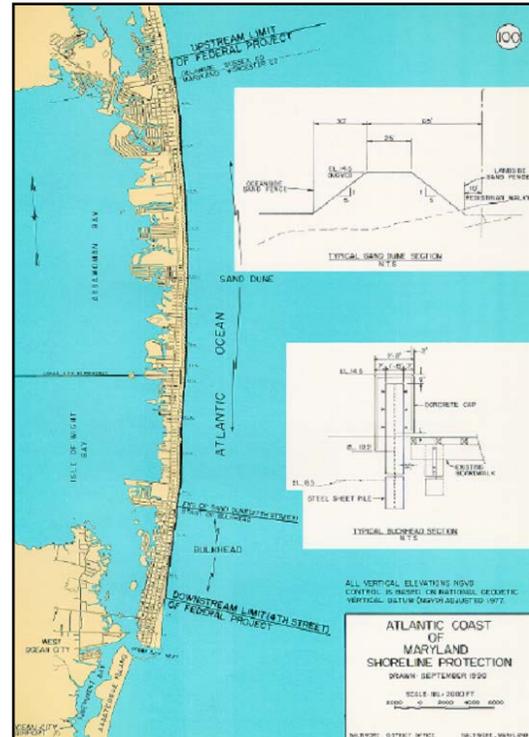
AUTHORIZATION: Section 501(a), Water Resources Development Act (WRDA) 1986, PL 99-662, as amended by Section 104, Energy and Water Appropriations Act of 1990, PL 101-101

TYPE OF PROJECT: Shoreline Protection

PROJECT PHASE: Construction

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

NON-FEDERAL SPONSOR: State of Maryland, Department of Natural Resources (DNR)



BACKGROUND: The Atlantic Coast of Maryland Shoreline Protection Project is located in Ocean City, Maryland.

The project provides for a steel sheetpile bulkhead along the boardwalk for ~1.4 miles from 4th street to 27th street; the placement of sand along the Ocean City coastline to widen and raise the beach profile for 8.3 miles from 3rd Street, north to the Maryland-Delaware state line with an additional 0.3 mile transition into Delaware; and a vegetated sand dune for 6.9 miles from 27th Street north to just beyond the state line. Initial construction of these features was completed in 1994. The project also provides for periodic beach renourishment and monitoring over the 50-year project life (until 2044). Renourishment and monitoring costs are shared by the Army Corps of Engineers (53 percent) and the state of Maryland (47 percent). On average, 800,000 cubic yards of sand is required to renourish the beach every four years. The last regularly occurring renourishment was completed in 2011.

During the period of October 28 to 31, 2012, an extraordinary Atlantic Coast storm impacted all of the coastal states from Florida to Maine, with the most severe damage occurring in the Mid-Atlantic States. In Ocean City, MD, the storm caused flooding in the downtown area and erosion to the beach and dune components of the project. The project was most severely impacted at its northern terminus and in the vicinity of persistently erosive "hot spots" located at 81st Street and 32nd Street. In its post-storm condition, significant property damage would likely occur if another moderately severe storm occurred before the project is rehabilitated. The Disaster Relief Appropriations Act of 2013 provided approximately \$16.6M in funding for the rehabilitation of the project. A contract for the project's rehabilitation was awarded in July 2013, and all work was completed in May 2014.

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BUDGET (\$):

<u>Total Estimated Cost</u>	\$267,837,000
Federal Cost	146,136,000
Non-Federal Cost	121,701,000
<u>Federal Fund Data</u>	
Allocations thru FY2013	47,801,000
Allocation for FY2014	0
President's Budget FY 2015 ¹	0
Allocation for FY 2015 ²	TBD
Balance to Complete	98,335,000

NOTES

¹ 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>.

² 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.

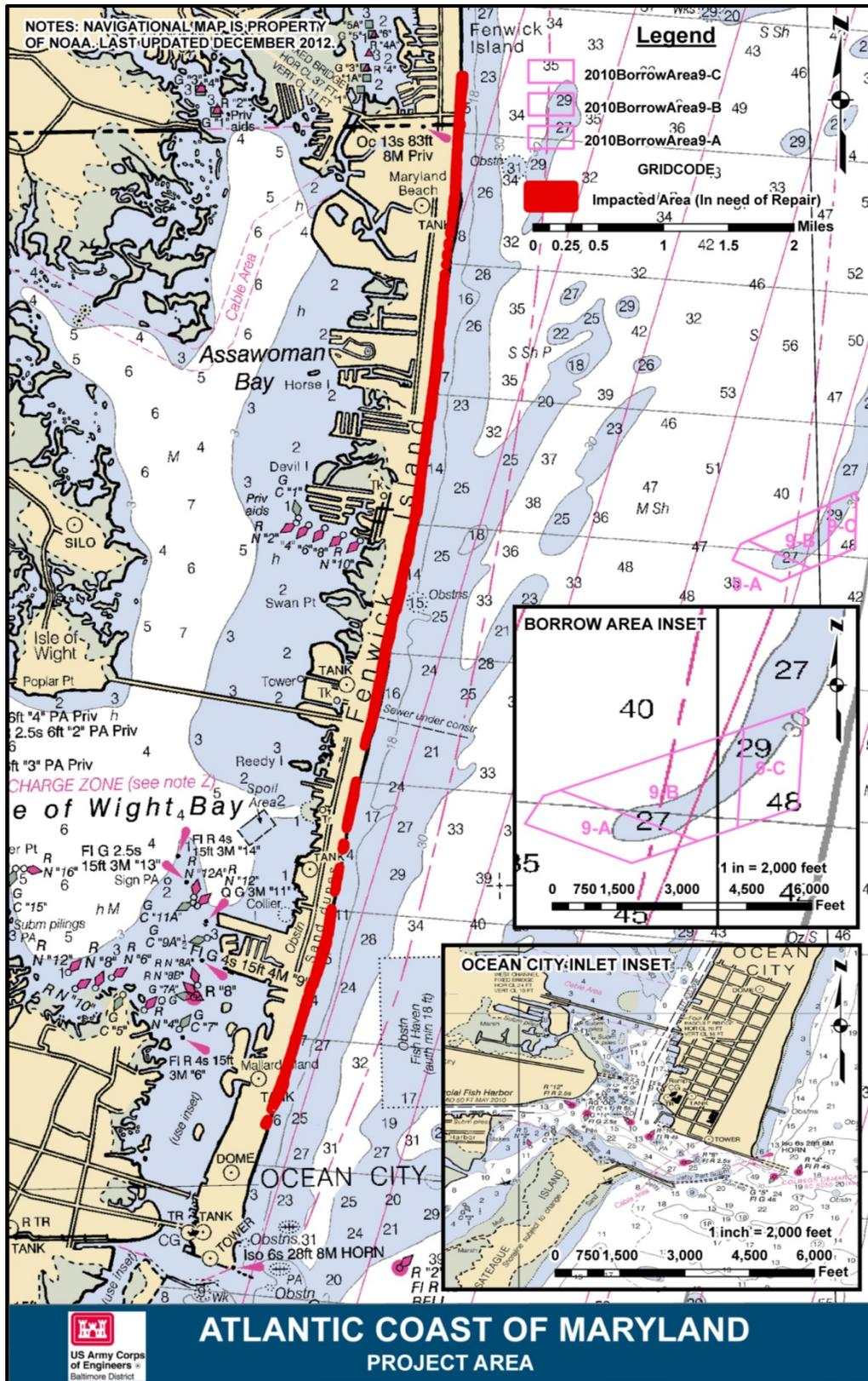
SCHEDULE:

FY 2014 Completed Work: All work associated with the rehabilitation contract was completed in May 2014. Previous year carry in of regular funds were used to update the project cost estimate.

FY 2015 Scheduled Work: Previous year carry in funds in the amount of \$227,945 will be used to perform monitoring activities and to collect subsurface exploration data for off-shore borrow areas that will be used for future periodic beach renourishment contracts.

COMPLETION: With optimum funding the periodic beach renourishment and annual monitoring activities will continue through 2044.

For more information regarding the Atlantic Coast of Maryland Shoreline Protection Project, please contact Justin Callahan, CENAB-PP-C, (410) 962-6693, e-mail justin.callahan@usace.army.mil.



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