

State of Maryland

2015 Bond Bill Fact Sheet

1. Senate LR # Bill #		House LR # Bill #		2. Name of Project	
lr1784	sb0221			Town of North Beach Flood Mitigation Project	
3. Senate Bill Sponsors				House Bill Sponsors	
Miller					
4. Jurisdiction (County or Baltimore City)			5. Requested Amount		
Calvert County			\$150,000		
6. Purpose of Bill					
the acquisition, planning, design, construction, repair, renovation, reconstruction, and capital equipping of the Town of North Beach Flood Mitigation Project, including site improvements and flood controls for the 7th and 9th Street outfalls					
7. Matching Fund					
Requirements:		Type:			
Unequal \$100,000		The grantee shall provide and expend a matching fund.			
8. Special Provisions					
<input checked="" type="checkbox"/> Historical Easement			<input checked="" type="checkbox"/> Non-Sectarian		
9. Contact Name and Title		Contact Phone		Email Address	
Joanne Hunt				jhunt@northbeachmd.org	
10. Description and Purpose of Grantee Organization (Limit Length to Visible area)					
The Town of North Beeach is a small municipal community situated on the western shore of the Chesapeake Bay at the north east corner of Calvert County. The Town was founded in 1900 and incorporated in 1910. It is Town's obligation to provide the residents of the community with adequate services; including roads, utilities, sanitation, parks and recreation, stormwater management and coastal flood protection that meets health and safety needs of the community.					

11. Description and Purpose of Project (Limit Length to Visible area)

The North End of Town is subject to tidal flooding during periods of high tide anomalies of 2 1/2 to 3 1/2'. Periods of flooding the area of 9th Street is impassable for emergency vehicles and the public access to a major residential area of the Town. With sea levels rising and extreme weather events becoming more frequent, the access will become increasingly difficult. The residential flooding is taking its toll and causing distress to the community and the ability for the Town to keep access to residential areas when flooding occurs. The flood dike and tideflex Check Valves at 9th Street and 7th Street Outfalls will reduce tidal flooding that isolates a section of road and surrounding properties. The goal is to construct the flood dike at the same time the outfall improvements are completed at 7th and 9th Street. When both projects are completed this area of Town will be protected.

Round all amounts to the nearest \$1,000. The totals in Items 12 (Estimated Capital Costs) and 13 (Proposed Funding Sources) must match. The proposed funding sources must not include the value of real property unless an equivalent value is shown under Estimated Capital Costs.

12. Estimated Capital Costs

Acquisition	
Design	\$8,000
Construction	\$242,000
Equipment	
Total	\$250,000

13. Proposed Funding Sources – (List all funding sources and amounts.)

Source	Amount
State Capital Grant	\$150,000
Town of North Beach	\$100,000
Total	\$250,000

14. Project Schedule (Enter a date or one of the following in each box. N/A, TBD or Complete)			
Begin Design	Complete Design	Begin Construction	Complete Construction
Underway	May 2015	June 2015	October 2015
15. Total Private Funds and Pledges Raised		16. Current Number of People Served Annually at Project Site	17. Number of People to be Served Annually After the Project is Complete
0.00		2,000	2,000
18. Other State Capital Grants to Recipients in Past 15 Years			
Legislative Session	Amount	Purpose	
2013	250000.00	Pier Rehab	
2012	100000.00	Lower Level Fishing Pier	
2011	200000.00	Public Works Building	
2010	250000.00	Town Hall	
19. Legal Name and Address of Grantee		Project Address (If Different)	
Town of North Beach 8916 Chesapeake Avenue P.O. Box 99 North Beach, MD 20714		9th and Atlantic/ 7th and Atlantic / Bay Avenue between 5th and 9th Street	
20. Legislative District in Which Project is Located			
21. Legal Status of Grantee (Please Check one)			
Local Govt.	For Profit	Non Profit	Federal
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22. Grantee Legal Representative		23. If Match Includes Real Property:	
Name:	John Shay, Esq.	Has An Appraisal Been Done?	Yes/No
Phone:	301-474-0044		No
Address:		If Yes, List Appraisal Dates and Value	
6305 Ivy Lane, Suite 700 Greenbelt, MD 20770			

24. Impact of Project on Staffing and Operating Cost at Project Site			
Current # of Employees	Projected # of Employees	Current Operating Budget	Projected Operating Budget
4	4	3000.00	3000.00
25. Ownership of Property (Info Requested by Treasurer's Office for bond issuance purposes)			
A. Will the grantee own or lease (pick one) the property to be improved?			Own
B. If owned, does the grantee plan to sell within 15 years?			No
C. Does the grantee intend to lease any portion of the property to others?			No
D. If property is owned by grantee and any space is to be leased, provide the following:			
Lessee	Terms of Lease	Cost Covered by Lease	Square Footage Leased
E. If property is leased by grantee – Provide the following:			
Name of Leaser	Length of Lease	Options to Renew	
26. Building Square Footage:			
Current Space GSF			
Space to Be Renovated GSF			
New GSF			
27. Year of Construction of Any Structures Proposed for Renovation, Restoration or Conversion			

28. Comments: (Limit Length to Visible area)

The outfall at 9th Street handles drainage from along 9th street from a point west of Frederick Avenue to Atlantic Avenue. The drainage is through a 42 pipe that protrudes through the stone revetment. At 9th St. & Atlantic Ave. there is a metal flap gate on the 42 pipe that is designed to prevent bay water from backing up into the storm drain system. The metal flap gate is about 25-30 years old and over the years has lost its ability to close tightly and function to stop higher bay levels from backing up into the drain system and causing flooding in the low areas of 9th Street near Annapolis Avenue.

The outfall at 7th Street carries drainage from the area along 7th Street from a point west of Dayton Avenue to Atlantic Avenue. The discharge is through a 36 pipe that protrudes through the stone revetment into the Bay. Unlike 9th Street there is no flap gate or back water valve on the 7th Street 36 discharge line. However, prior to the now this has not been a major problem except on a few occasions because normal Bay levels are below the lowest elevation for 7th Street at Bay Avenue.

Problem

The failing flap gate at 9th Street is an important concern since once the flood dike is built to prevent overland flooding from the Bay from getting to the low area of 9th Street, the protection the flood dike provides will be compromised by flooding caused by higher Bay levels backing up through the flap gate and through the storm drain system to flood the 9th Street area.

Without a flap gate at 7th Street, more sea level rise and higher tide anomalies will cause future flooding of the 7th & Bay Ave. intersection.

Proposed Project

To address the potential flooding issues discussed above for the 9th and 7th streets areas, a project is being developed that will include the following activities:

1. Replace the failing metal flap gate at 9th St. with a new duck bill back water valve similar to the one at the end of the 5th St. outfall
2. Install a new duckbill back water valve at the 7th St. outfall

Cost Estimate

The current preliminary cost estimate for the above noted work is \$250,000

Path Forward

Staff recommends that the design process be continued and at a point it is completed enough for bidding, requests contractor proposals to determine costs for budgetary and contracting purposes.