

State Of Maryland

2021 Bond Initiative Fact Sheet

1. Name Of Project		
Cape St. Claire Beach Replenishment		
2. Senate Sponsor	3. House Sponsor	
Reilly	Bagnall	
4. Jurisdiction (County or Baltimore City)	5. Requested Amount	
Anne Arundel County	\$250,000	
6. Purpose of Bond Initiative		
the acquisition, planning, design, construction, repair, renovation, reconstruction, site improvement, and capital equipping of the Cape St. Claire Beaches		
7. Matching Fund		
Requirements:	Type:	
Grant		
8. Special Provisions		
<input type="checkbox"/> Historical Easement	<input checked="" type="checkbox"/> Non-Sectarian	
9. Contact Name and Title	Contact Ph#	Email Address
Delegate Bagnall		heather.bagnall@house.state.md.us
Dawn Myers		
Senator Reilly		edward.reilly@senate.state.md.us
10. Description and Purpose of Organization (Limit length to visible area)		
<p>Cape St. Claire Improvement Association, Inc, (the CSCIA) is tasked with managing more than 30 acres of property. This includes three beaches & parks, boat ramp and launching marina, two other piers, Lake Claire, its surrounding streams and woods, along with a few other small parks and maintains the ownership of the Cape St. Claire Shopping Center and its commercial common areas. The CSCIA also administers the Special Community Benefit District for the Cape St Claire Community</p>		

11. Description and Purpose of Project (Limit length to visible area)

Cape St. Claire has two sites we are tackling in our Capital Improvements Shoreline Restoration. The Main Beach, site one, located at the mouth of Magothy River and Chesapeake Bay. We will be creating a living shoreline, adding break waters and treating more than 24 acre of impervious surface while being credited 20 plus credits for MS4 Permits and TDML goals for Anne Arundel County and the Bay. Lake Claire, site two, has secured its permits with construction expected in fall/ winter of 2021, (FY22) and securing additional funding for salt marsh creation, fish and oyster habitat construction, erosion prevention devices and a living shoreline. This project will treat more than 10 acres of impervious area with more than 10 credits applicable to Anne Arundel County MS4 permit and TDML goals for the Bay.

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	\$0
Design	\$204,500
Construction	\$1,373,000
Equipment	\$0
Total	\$1,577,500

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

CSCIA (secured already)	\$854,500
Chesapeake Bay Trust/AA County FY 20 (Awarded)	\$298,000
State Bond Bill FY 2020 (Awarded)	\$25,000
Atlantic Coastal Fish Habitat & US FishWL Request	\$50,000
State Bond Bill FY 2022 Request	\$250,000
NAWCA (US FWS)	\$100,000
Total	\$1,577,500

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
05/01/2016	01/31/2020	03/03/2021	06/01/2022
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
1577500.00	8,000 plus		8,000 plus
18. Other State Capital Grants to Recipients in the Past 15 Years			
Legislative Session	Amount	Purpose	
2019 Session	\$25,000	Cape St. Claire Shoreline Restoration (same project)	
19. Legal Name and Address of Grantee		Project Address (If Different)	
Cape St Claire Improvement Association 1223 River Bay Road Annapolis, MD 21409		1218 River Bay Drive Annapolis, MD 21409 Lake Claire Drive Annapolis, MD 21409	
20. Legislative District in Which Project is Located	33 - Anne Arundel County		
21. Legal Status of Grantee (Please Check One)			
Local Govt.	For Profit	Non Profit	Federal
[X]	[]	[]	[]
22. Grantee Legal Representative		23. If Match Includes Real Property:	
Name:	Oliveri & Associates,	Has An Appraisal Been Done?	Yes/No
Phone:	410-295-3000		
Address:		If Yes, List Appraisal Dates and Value	
635 N. Bestgate Road, St. 200 Annapolis, MD 21401			

24. Impact of Project on Staffing and Operating Cost at Project Site			
Current # of Employees	Projected # of Employees	Current Operating Budget	Projected Operating Budget
25. Ownership of Property (Info Requested by Treasurer's Office for bond 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 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	
<p>As with most shorelines, the Cape St. Claire community shoreline has a history of changes both natural and human-induced. These changes include shoreline alteration, hardening, development, inlets, piers, groins, erosion, sedimentation and water level rise. The remainder of this discussion of shoreline change and erosion is oriented at the Site 1 Main Beach living shoreline design-build location. Maryland DNR shoreline erosion rates are available across a 131-year period from 1877 to 2018. During this period the erosion rates along this stretch of the Magothy River are presented as 1.8 to 3.5 feet per year.</p> <p>Certainly, anecdotal observations and long-term resident recollections over many decades support this occurrence and continued loss of shoreline. Also see a related map (enclosed) produced by our coastal engineering partner, Albert McCullough (Sustainable Science) that graphically depicts the Magothy River shoreline changes over time.</p> <p>As a part of this project assessment Biohabitats also reviewed a series of aerial photographs from the period of 2002 to 2018 (years 2002, 2005, 2007, 2010, 2014, and 2018 - 2 images). The results of analyzing these photos reveal a recession shoreline erosion loss rate of approximately 2.31 feet per year from 2002 to 2018. This is a total of 37 feet of shoreline loss over 16 years, a considerable loss of beach, shoreline, and habitat resources for the community. This average erosion rate falls within the middle of the 131-year historic rate provided by Maryland DNR.</p> <p>Rates of erosion are variable from year to year and are episodic, such as with tropical storms and Noreaster storms. A case in point is the 11-foot shoreline recession change documented in aerials photographs in June and October of 2018.</p> <p>In summary, the historic and recent erosion rates are significant, particularly in light of the continuing loss of beach, natural shoreline, bank and associated riparian area and community assets. The proposed & near permit ready project addresses the erosion issues and makes use of the understanding of historic shoreline change, erosion and deposition patterns, what a stable embayment would look like, limited natural materials stone breakwaters, and living shoreline native tidal marsh planting areas; as well as the capture of sand to augment the shoreline beach and marsh areas.</p>	