

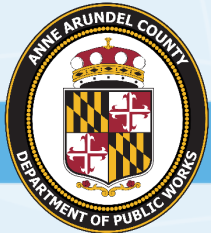


— Making a difference, together —



# Public Meeting Hancock's Resolution Park Shoreline Stabilization (P468714)

April 12, 2023  
6:00pm to 7:30pm



DPWandYOU.com | *Making a difference, together*



# Important Meeting Information / Comments

- For questions and comments, please wait until the end of the presentation
  - All questions will be answered at the end of the presentation
  - Any questions that cannot be answered tonight will be added to the Q&A document provided to the Office of Planning and Zoning
- For up to 2 weeks after tonight's meeting, send questions and comments to:  
<https://www.aacounty.org/departments/planning-and-zoning/development/community-meetings/past-meetings-comments/>
  - Comment period will be two weeks from this meeting (April 26, 2023).



# Meeting Agenda

- Welcome and Introduction – Melissa Harlinski, Department of Public Works (DPW)
- Project Presentation – Rob Shreeve, AECOM
  - Project Background and Purpose
  - Goals and Objectives
  - Existing Conditions
  - Schematic Design
- Next Steps – Rob Shreeve, AECOM
- Questions – Melissa Harlinski, Department of Public Works (DPW)



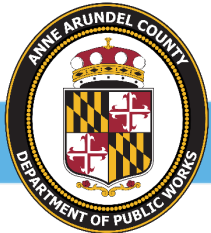
# Project Background and Purpose

- The approximately 7.23 acres property was acquired from Hickory Point Partnership in 1998.
- The property is incorporated into the Hancock's Resolution Park.
- The property contains forests, non-tidal wetlands, cultural resources, and tidal river frontage on Back Creek.
- The riverbank has eroded 25 feet since 1994.
- The purpose of this project is to stabilize the riverbank along Back Creek by constructing a living shoreline.



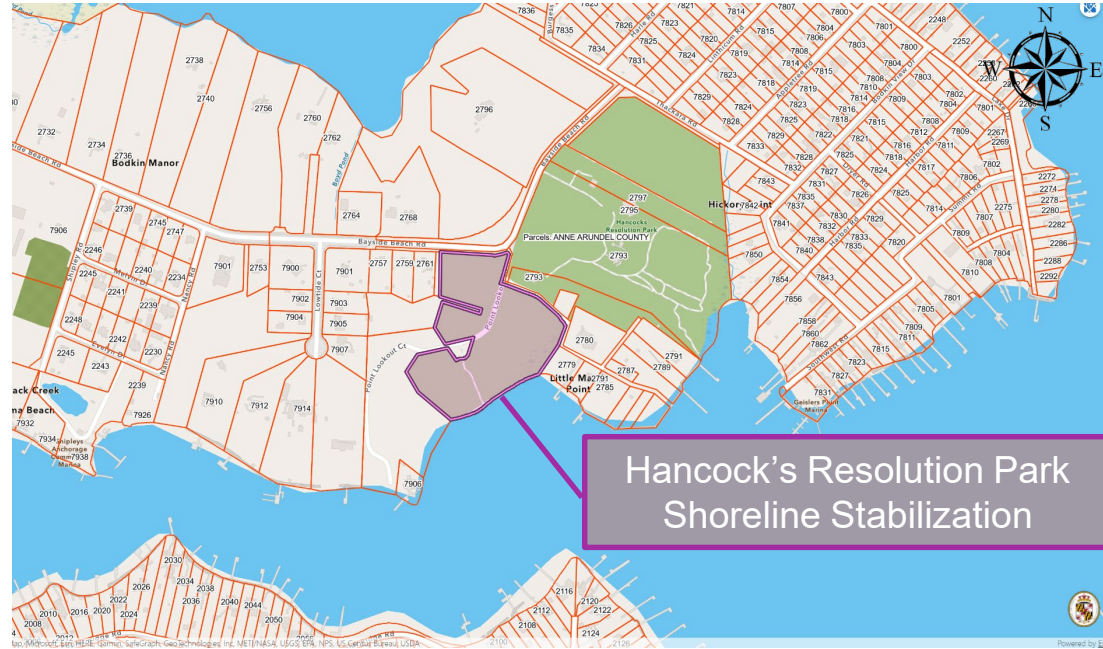
# Goals and Objectives

- Provide shoreline stabilization through natural adaptation
  - Reduce the impact from wave action
  - Provide vegetative stabilization of the riverbank
  - Provide living marsh that will adapt to changing tidal conditions



# Project Location

- Property located at 7904 Bayside Beach Road
- Access to the Back Creek shoreline is off Point Lookout Court



# General Community Meeting Information per Code § 17-2-107

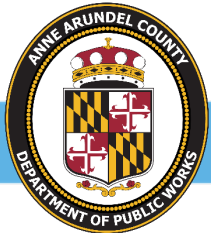
- **Project Name:** Hancock's Resolution Park Shoreline Stabilization
- **CIP Number:** P468700  
**Contract Number:** P468714
- **Funding:** Anne Arundel County  
(Capitol Improvement Project)
- **Address:** 7904 Bayside Beach Road  
Pasadena, MD 21122
- **Property Owner:** Public (Anne Arundel County)
- **Grading Permit Number:** Not applied for yet
- **Zoning:** OS – Open Space
- **Water & Sewer Type:** Existing Public Service
- **Impacted Schools:** None
- **Number of Proposed Lots:** None
- **Type of Proposed Product:** Erosion Control
- **Approximate Road Configuration:** None required, access is existing from Point Lookout Court. Some temporary impact to access through woods.
- **Limit of Disturbance =** 0.72 acres



# General Community Meeting Information per Code § 17-2-107



- Modifications Anticipated: Non-tidal Wetland Buffer
- Approximate Location of Environmental Features On-Site:
  - Critical area, tidal waters, wetlands, forest
  - Specimen trees (>30") identified and surveyed
- Impacts of Proposed Development on Environmental Features:
  - Critical area (Resource Conservation Area), tidal waters, wetlands, tree clearing
- Conceptual Stormwater Management:
  - Living Shoreline





# Capital Project Life Cycle



**CURRENT  
PHASE OF  
PROJECT**

**Right-of-Way Process**  
It is critical that the appropriate rights-of-way, easements and real estate acquisitions necessary to implement a project be secured before the Construction Phase can begin.

- 1 Project Inception**  
A Capital Project request is created in response to a need identified by a User Agency. The Bureau of Engineering develops a project description, budget and schedule. The Capital Project request is reviewed by the Capital Improvement Plan Oversight Committee, who weighs costs and public advantages along with those of other ongoing or new project requests. Ultimately, the County Executive determines which projects are included in the Capital Budget request presented to the County Council annually. The request to fund the new Capital Project must be approved by the County Council.
- 2 Contract Initiation**  
Once the Capital Project is approved, a new Contract is created. A scope of work is identified and used to competitively select an engineering firm to execute the Design Phases. The DPW Project Manager oversees the engineering firm's selection process and the various Design Phases, including communicating and coordinating with the User Agency and the Public.
- 3 Design**  
Schematic Design  
During the Pre-Design Phase, the information that has been gathered is transformed into multiple options, alternative evaluations and comparisons, and ultimately a recommended preferred alternative. This evaluation process includes developing conceptual drawings, writing reports and estimating probable construction costs that illustrate the scale and relationship of project components.  
Design Development  
In Design Development, the Schematic Design is defined and refined through plans, profiles, elevations, and sections depicting the layout of buildings, linear infrastructure, rights-of-ways, limits of disturbance and pertinent site features.

- 4 Bid & Award**  
The Bid Documents are provided to prospective bidders as part of a competitive bidding process that determines which Construction Contractor will be awarded the contract to build the proposed capital improvements.
- 5 Construction**  
The DPW Project Manager is responsible for overseeing and coordinating the collective efforts of the Construction Contractor, the Consultant providing construction management and inspection services and the Design Consultant providing technical guidance during construction.
- 6 Project Performance**  
This is the close-out of the Construction Contract, signifying conditional acceptance of the work. During the one-year Contractor warranty period, the constructed project is monitored - any observed defective construction work is corrected - and the County issues "final acceptance" of the Project. At the end of the Project Performance Period, the User Agency becomes responsible for all required routine maintenance and operation.



# Existing Conditions

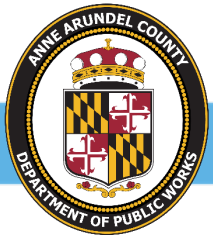
- The existing shoreline has eroded back due to tidal and wave action.
- Undermined trees have fallen, either into the water or the woods, leaving more shoreline exposed to erosion.
- Approximately 450 linear feet of shoreline erosion
- The adjacent properties have bulkhead or stone revetment
- Non-tidal wetlands are dominated with Phragmites



# Existing Conditions



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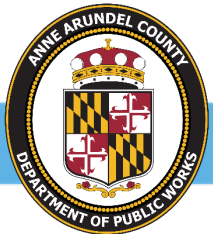


# Schematic Design – Living Shoreline

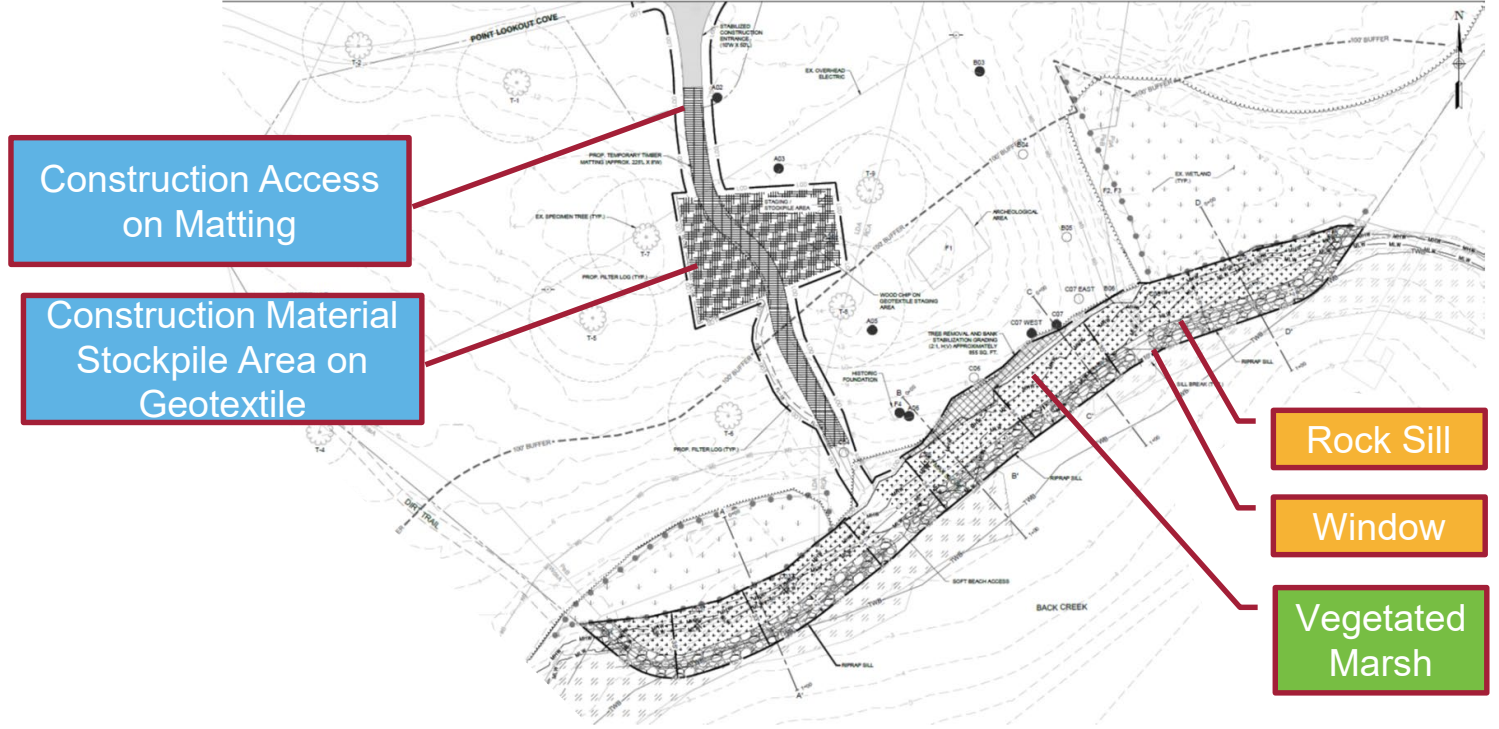
- Rock Sills with windows to break the wave action and allow tidal flush
- Rock Sills will be 35 feet from current shoreline
- Sand marsh planted with native marsh grasses
- Shoreline planted with native trees and shrubs



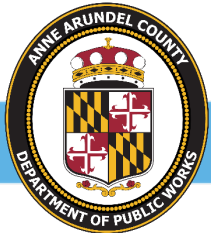
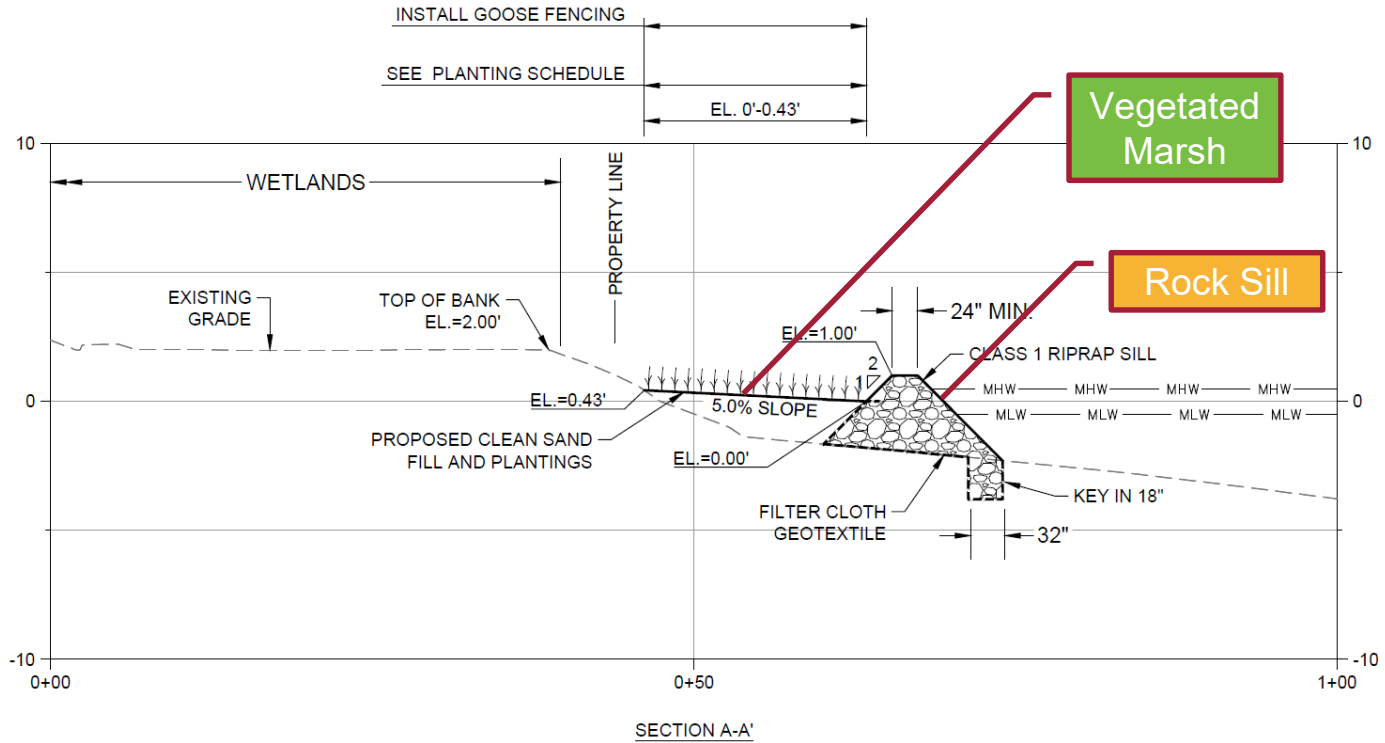
Arlington Echo Shoreline (Watershed Stewards Academy)



# Design Plan



# Typical Section



# Similar Projects

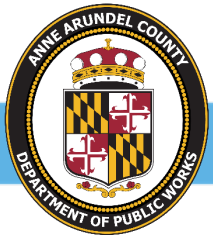


Just Constructed (May 2018)



Post-Construction (November 2021)

False Cape State Park, Virginia Beach, VA

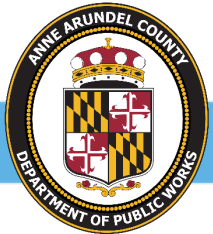




# Impacts During Construction



- Staging – along access trail
- Some access may be from water
- Equipment and material delivery along Point Lookout Court
- Approx. 6-month construction with several years of monitoring



# Next Steps

- Finalize Design and Permitting
  - County Grading Permit
  - MDE Tidal Wetland License
  - USACE Authorization
  - Critical Area Commission Concurrence
- Advertise for bids
- Begin Construction
  - Winter 2024



# Questions?

- For 2 weeks after tonight's meeting, or until April 24:
  - Send questions and comments to:  
<https://www.aacounty.org/departments/planning-and-zoning/development/community-meetings/past-meetings-comments/>
  - Use “Hancock’s Resolution Park Shoreline Stabilization P468714” in the search bar
  - Project team will provide written responses to all comments received on the OPZ website. Written responses will be included in the grading permit package





## Bureau of Utility Operations

### 24-Hour Emergency

**Water Service:** (410) 222-8400

**Billing Inquiries:** (410) 222-1144



## Bureau of Waste Management Services

### Bulk Trash Service / Curbside

**Collections:** (410) 222-6100



## Bureau of Engineering

**General Inquiries:** (410) 222-7500



## Bureau of Watershed Protection and Restoration

**General Inquiries:** (410) 222-1072



## Bureau of Highways

**General Inquiries:** (410) 222-7321

**Snow Line:** (410) 222-4040

**Email:** [hwyscustomer@aacounty.org](mailto:hwyscustomer@aacounty.org)

## Customer Relations:

(410) 222-7582

