

Spriggs Farm Park Shoreline Improvements Public Meeting

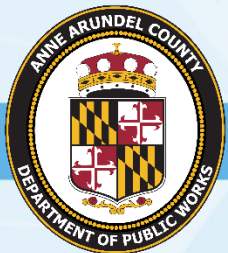
Project No. P468700

Contract No. P468709

Presented by:

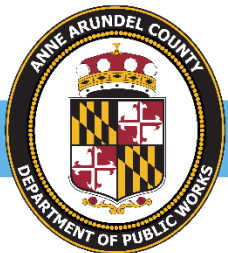
Anne Arundel County Department of Public Works
with the Department of Recreation and Parks

July 12, 2023



Important Meeting Information

- Tonight's meeting will be audio recorded.
- Any questions and answers will be mailed approximately 1 month from tonight's meeting to the attendees and those who received the original mailing.



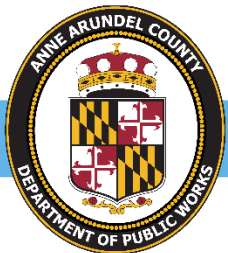
Introductions

- Department of Recreation and Parks
 - Bruce Bruchey (Project Manager)
- Department of Public Works
 - Melissa Harlinski (Project Manager)
- BayLand Consultants & Designers, Inc.
 - Anna Johnson, PE (Project Manager)



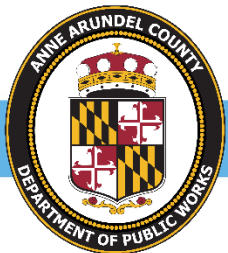
Agenda

- Park Improvements Project
 - Background
 - Existing Conditions
 - Proposed Design Components
 - Schedule
 - Contact Information
- Q&A on Park Improvements Project



Project Background

- Location - Magothy River on Bayberry Drive
- Approximately 57-acre park area which includes a cartop launch, natural areas, picnic area, historic residence, and approximately 800 Linear Feet of shoreline used for fishing and recreation.
- Erosion of ± 2 feet/year that has resulted in safety concerns at the edge of the bank.
- The site does not comply with ADA Accessibility Requirements
- Design initiated in 2017 and presented to community on 2-4-2021. The initial design's excessive habitat impacts prevented regulatory approval.
- Redesign initiated in 2022.



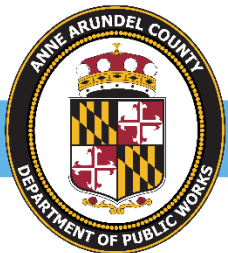
Spriggs Farm Park Existing Conditions - West Shoreline

- Steep, eroded 15 feet high banks
- Eroded shoreline compromises integrity of safety fence



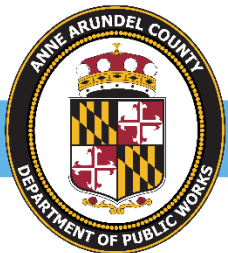
Spriggs Farm Park Existing Conditions - East Shoreline

- Sandy beach backed by eroded bank with exposed tree roots
- Eroding edge of marsh



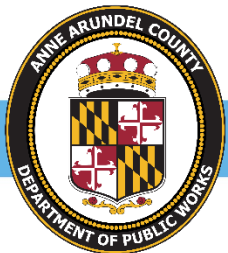
Spriggs Farm Park Existing Conditions - Access Path

- Narrow, eroding path with exposed tree roots
- Grades too steep for ADA compliant access



Spriggs Farm Park Shoreline Improvement Design Goals

- Protect against further coastal erosion by implementing living shoreline techniques
- Provide safe, natural transition from tidal to upland areas
- Provide more formal kayak launch
- Provide ADA-accessible path to kayak launch area
- Increase coastal resiliency of park shoreline and upland area



Community Meeting per Code § 17-2-107

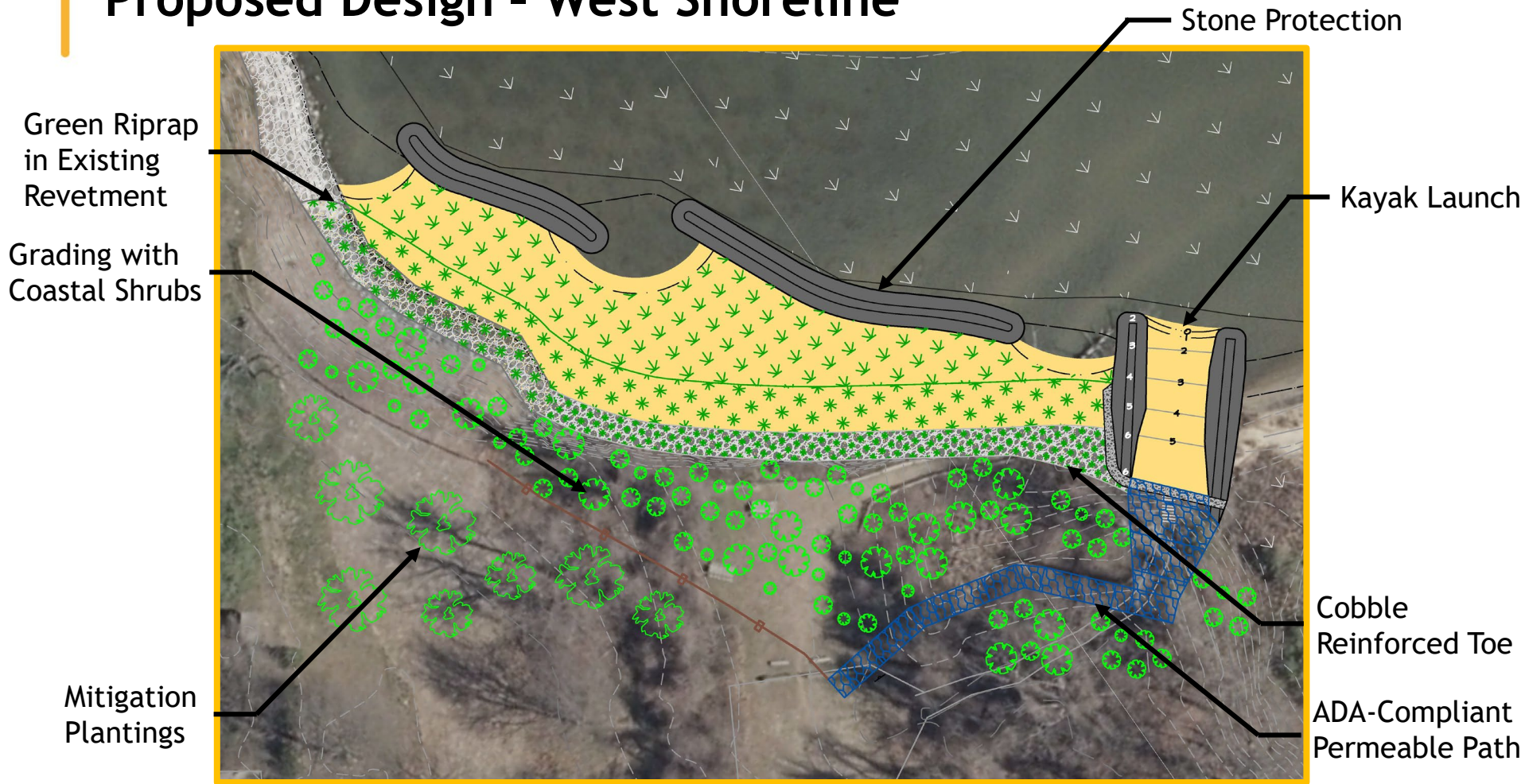
- Funding: Anne Arundel County (Capital Improvement Project)
- Address: 965 Bayberry Drive, Arnold, MD
- Property Owner: Public (Anne Arundel County)
- Grading Permit Number: TBD
- Zoning: OS - Open Space
- Water & Sewer Type: Private well & portable
- Impacted Schools: Broadneck Elementary School (no impact to enrollment)
- Number of Proposed Lots: None
- Type of Proposed Product: Shoreline Improvement Project
- Approximate Road Configuration: Access to the Park is from Bayberry Drive. No improvements proposed.
- Limits of Disturbance = 0.5 acres
- Modifications Anticipated: None
- Approximate Location of Environmental Features On-Site: Critical area, floodplain, tidal waters, steep slopes, forest
- Impacts of Proposed Development on Environmental Features:
 - Critical area (Limited Development Area & Resource Conservation Area), floodplain, tidal waters, steep slopes, minimal tree clearing
- Conceptual Stormwater Management:
 - No stormwater management for ADA-compliant permeable paver path and ADA-compliant

parking

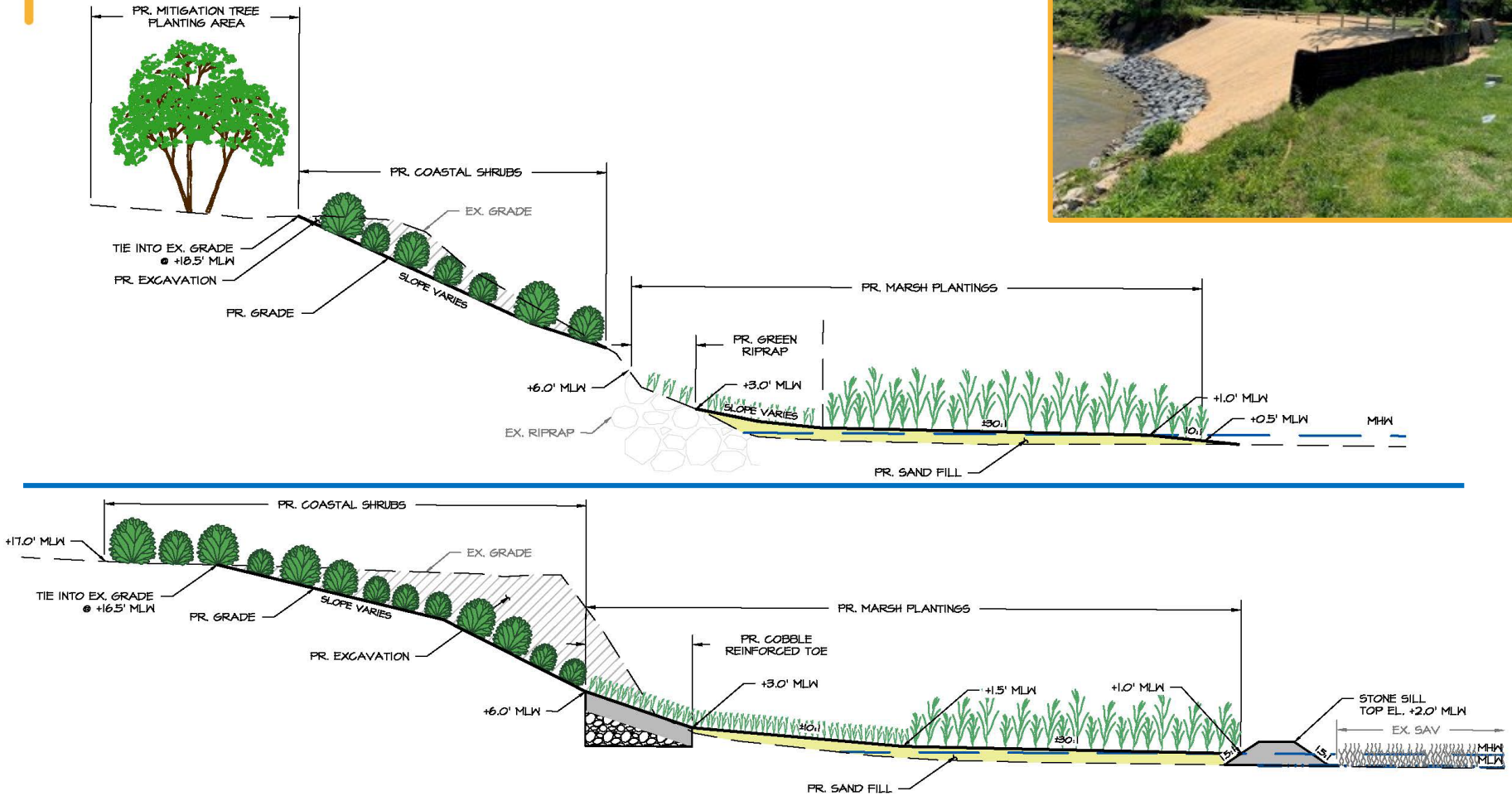
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Proposed Design - West Shoreline



Typical West Shoreline Profiles



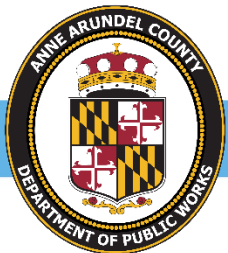
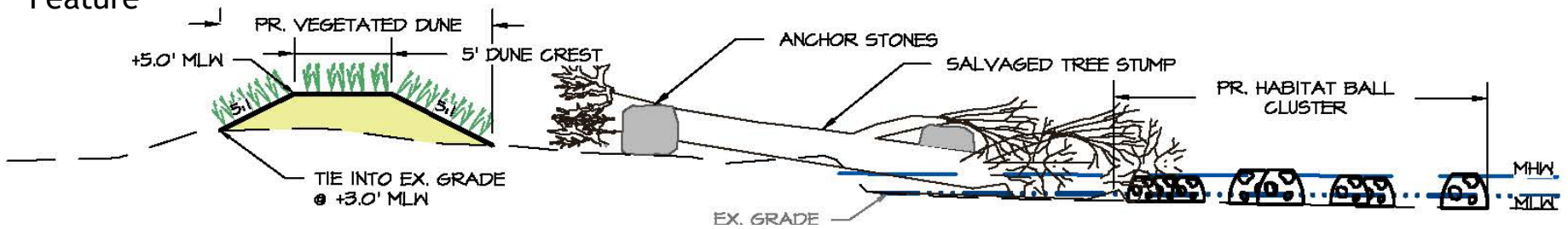
Proposed Design - East Shoreline

Reef Balls for Fish Habitat



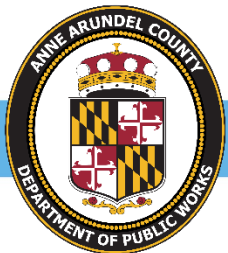
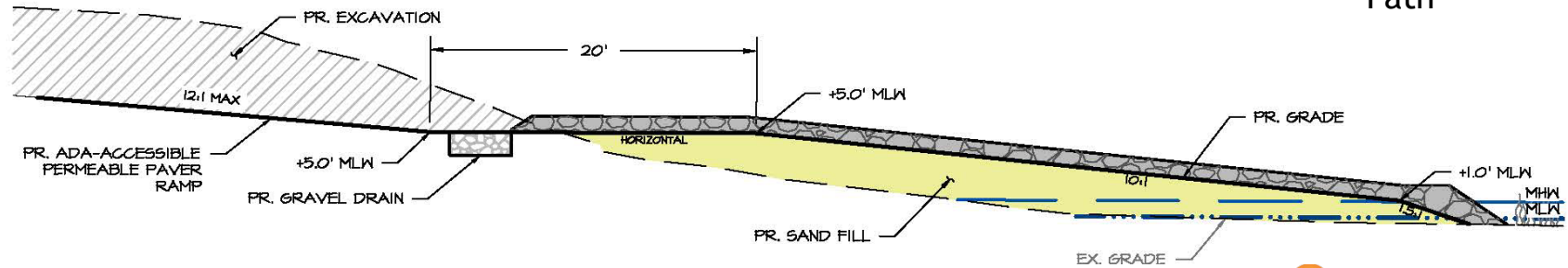
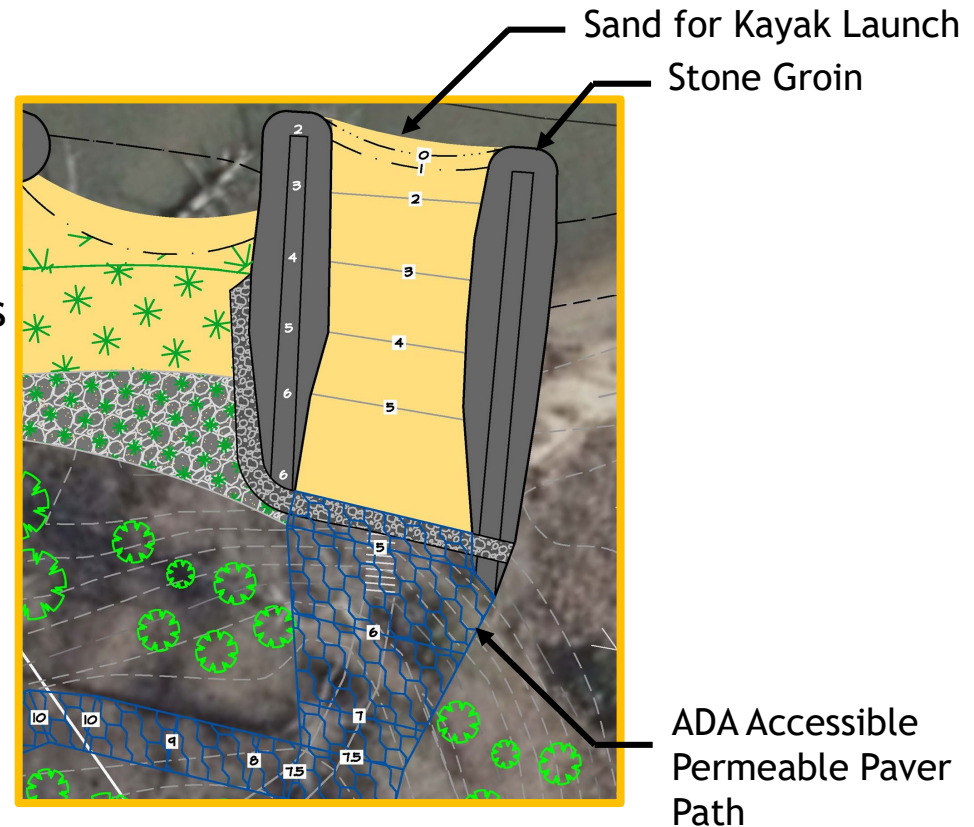
Woody Debris Feature

Vegetated Sand Dune



Kayak Launch

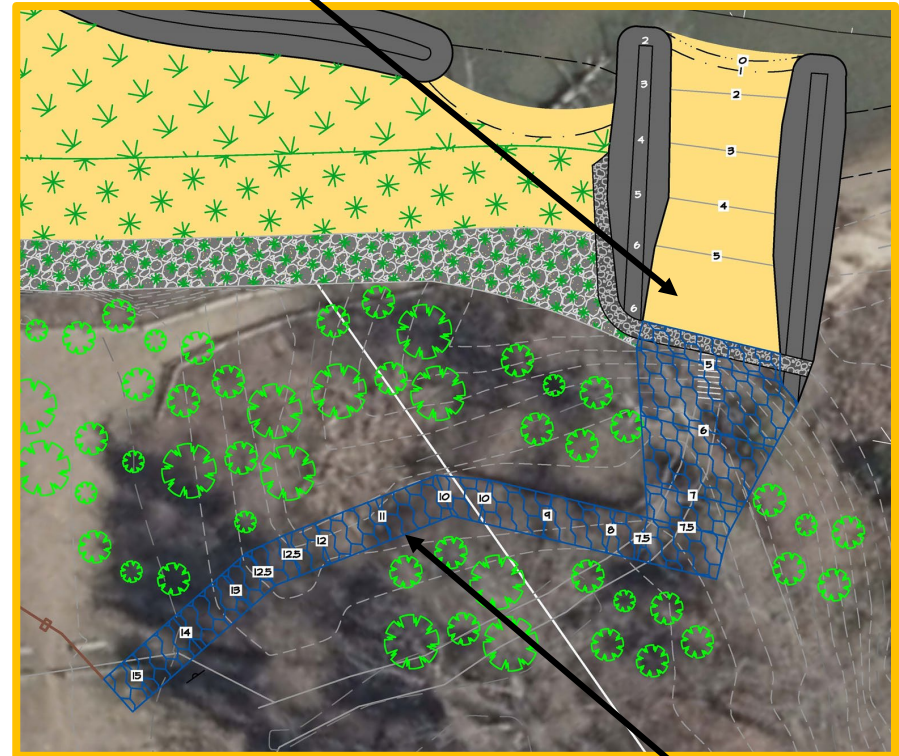
- Install stone groins to act as containment for the sand
- Gentle 10(H):1(V) Slope for safe access
- Loading/unloading area for increased accessibility



Accessibility Improvements

20 feet of Flat Landing
for Loading/Unloading

- Ramped path with handrailing and intermittent landing areas
- ADA- compliant parking will be added in the next design phase



ADA Path



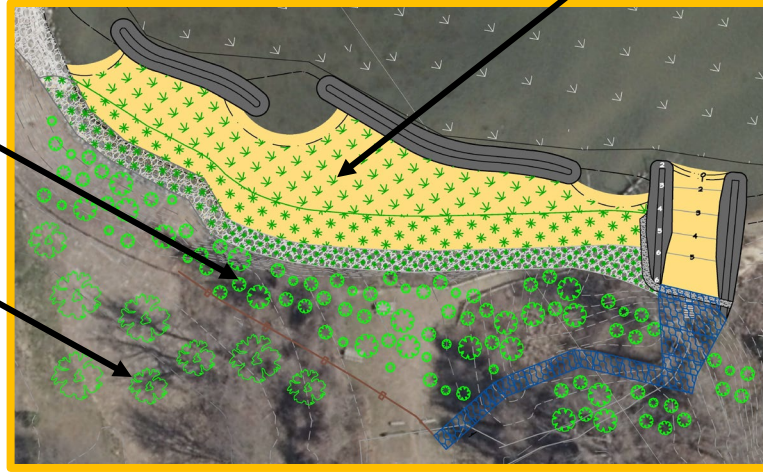
Mitigation for Impacts

Marsh Plantings (0.4 ac)



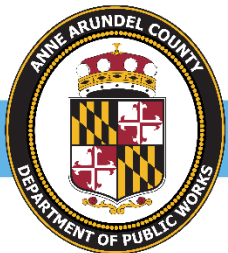
Coastal Shrubs for bank grading (0.25 ac)

Trees for canopy removal and bank grading



Woody Debris Feature

Reef Balls



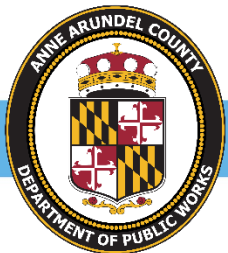
Construction Access

- Construction entrance across from 896 Bayberry Drive
- Construction vehicle traffic
 - On-site placement of surplus material to reduce traffic
- Coordination with bus schedule



Spriggs Farm Park Shoreline Improvement Design Goals

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- Provide safe, natural transition from tidal to upland areas ✓
- Provide more formal kayak launch ✓
- Provide ADA-accessible path to kayak launch area ✓
- Increase coastal resiliency of park shoreline and upland area ✓



Schedule for Shoreline Improvements Project

- Finalize Schematic Design - June 2023
- Design Development - Summer/Fall 2023 ← We are here
- Federal, State & County Permitting - Fall 2023 - Fall 2024
- Construction Documents - Fall 2024
- Construction - Winter 2024/2025



Q & A - Spriggs Farm Park Shoreline Improvements Project

Contact Information

Melissa Harlinski, Project Manager

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410-222-4126 (office)

443-871-6264 (cell)

Bruce Bruchey, Project Manager

Comments/Questions: drp_capital-projects@aacounty.org

Link to Presentation and Meeting Minutes:

<https://www.aacounty.org/departments/planning-and-zoning/development/community-meetings/past-meetings-comments/>





Bureau of Utility Operations

24-Hour Emergency

Water Service: (410) 222-8400

Billing Inquiries: (410) 222-1144



Bureau of Engineering

General Inquiries: (410) 222-7500



Bureau of Waste Management Services

Bulk Trash Service / Curbside Collections:

(410) 222-6100



Bureau of Watershed Protection and Restoration

General Inquiries: (410) 222-4240



Bureau of Highways

General Inquiries: (410) 222-7321

Snow Line: (410) 222-4040

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