

Downs Park Shoreline Improvements Schematic Design Public Meeting

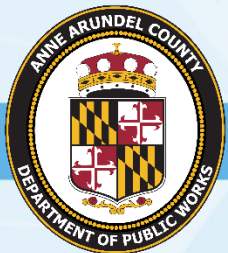
Project No. P468700

Contract No. P468716

Presented by:

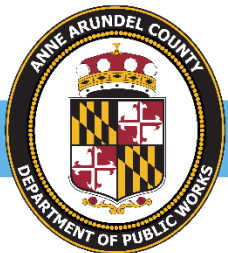
Anne Arundel County Department of Public Works
with the Department of Recreation and Parks

October 10, 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.



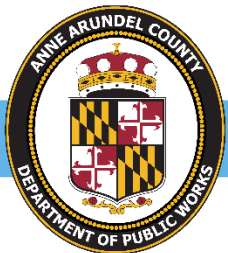
Introductions

- 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)
 - Evan Mazur (Engineer)



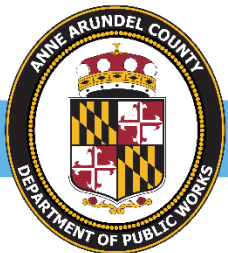
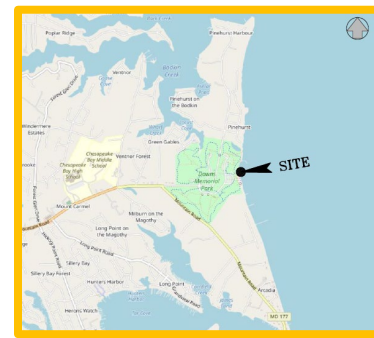
Agenda

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



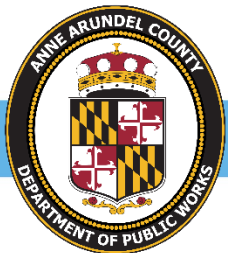
Project Background

- Location - Chesapeake Bay on John Downs Loop, Pasadena, MD
- Approximately 238-acre park area which includes an amphitheater, natural areas, picnic area, playground, fishing pier, dog beach, kayak launch, walking trails and approximately 2,250 Linear Feet of shoreline.
- The current dog beach does not comply with ADA Accessibility Requirements.
- Storms resulted in coastal erosion and damage to infrastructure.



Downs Park Existing Conditions - Existing Dog Beach

- Secluded beach area (4,300 SF) adjacent to private property
- Access through steep slopes and stairs that is not ADA-Compliant



Downs Park Existing Conditions - Existing Beach

- Narrow beach eroding at \pm 1 foot/year
- Emergency path repairs for storm damage after October 2021 storm



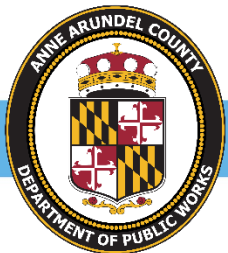
Downs Park Existing Conditions - Revetment

- Wash-out areas from wave overtopping
- Undersized stone displaced during large wave events



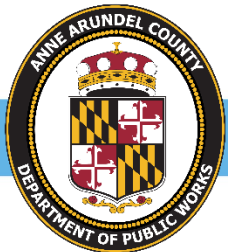
Downs Park Shoreline Improvement Design Goals

- Provide increased shoreline protection to reduce erosion
- Provide large, ADA-accessible dog beach
- Increase the coastal resiliency of Park infrastructure
- Provide natural areas for habitat enhancement

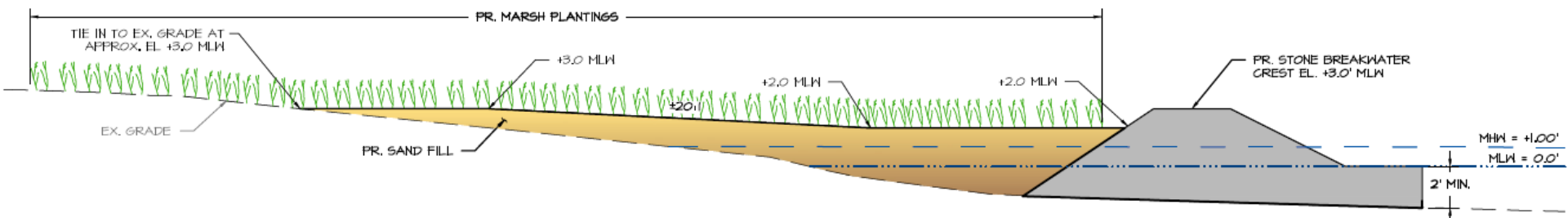
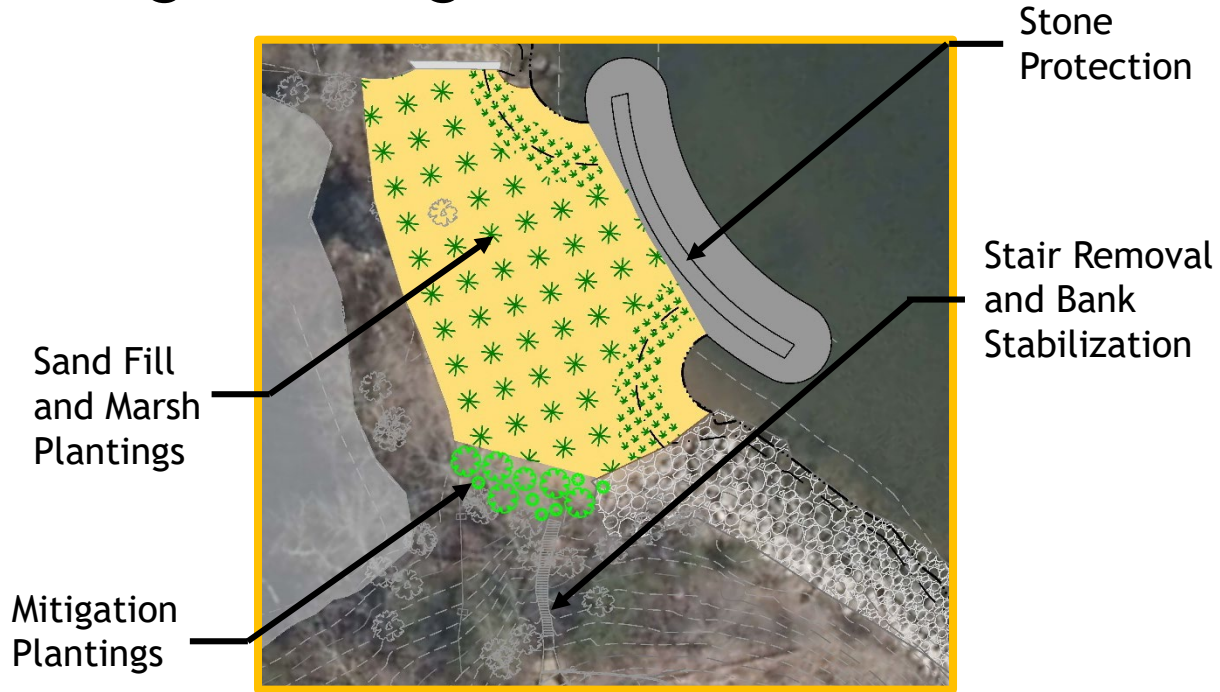


Community Meeting per Code § 17-2-107

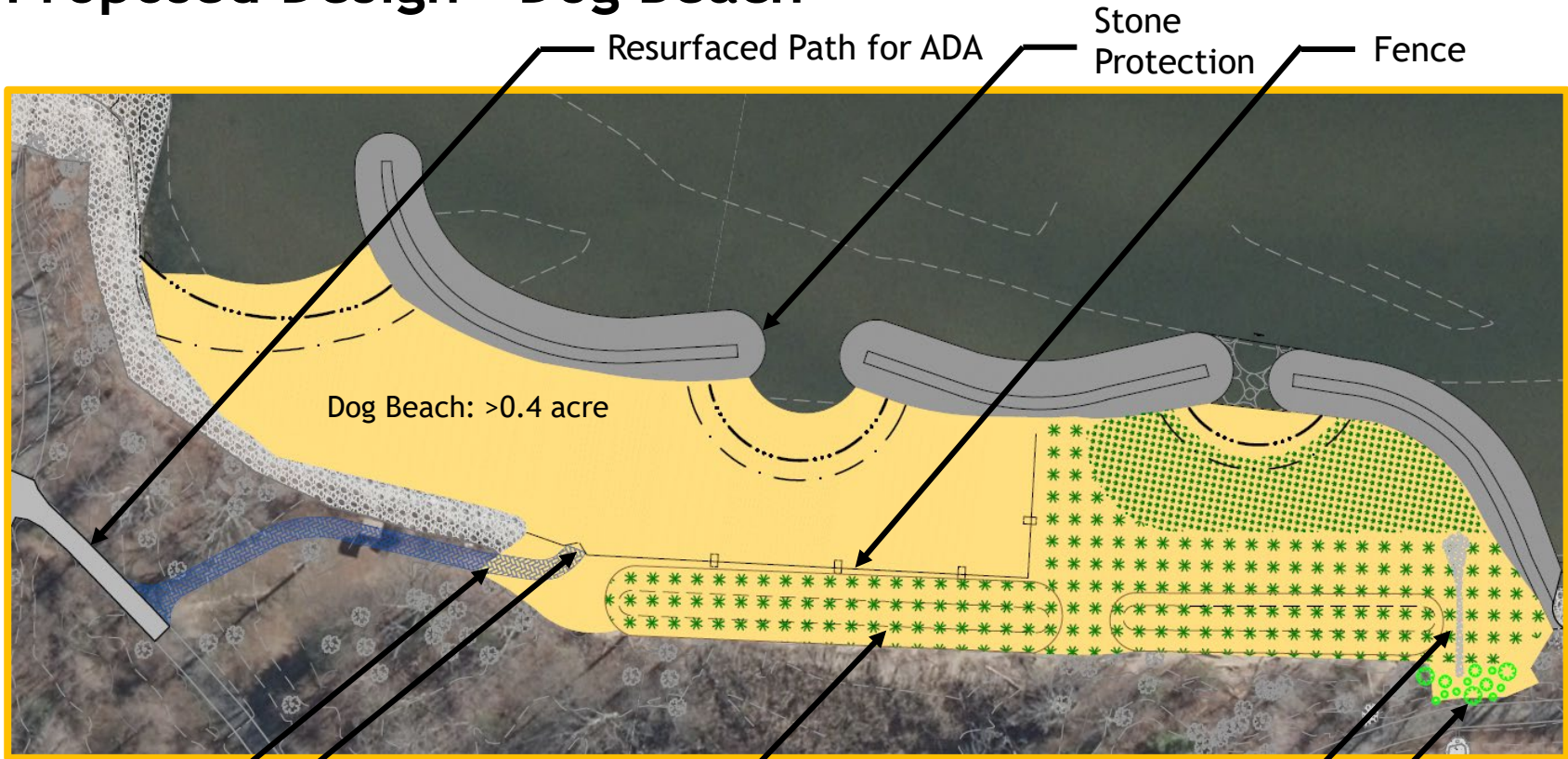
- Funding: Anne Arundel County (Capital Improvement Project)
- Address: 8311 John Downs Loop, Pasadena, MD
- Property Owner: Public (Anne Arundel County)
- Grading Permit Number: TBD
- Zoning: OS - Open Space
- Water & Sewer Type: Private well & portable
- Impacted Schools: Bodkin Elementary School (no impact to enrollment)
- Number of Proposed Lots: None
- Type of Proposed Product: Shoreline Improvement Project
- Approximate Road Configuration: Access to the Park is from Pinehurst Road. No improvements proposed.
- Limits of Disturbance = 1.4 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 (Resource Conservation Area), floodplain, tidal waters, steep slopes, minimal tree clearing
- Conceptual Stormwater Management:
 - ADA Path will be permeable pavers and will address stormwater management requirements



Proposed Design - Living Shoreline



Proposed Design - Dog Beach



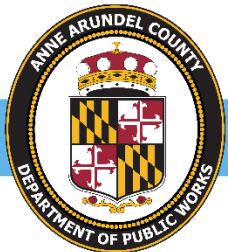
ADA Accessible
Permeable
Paver Path

Vegetated
Sand Dune

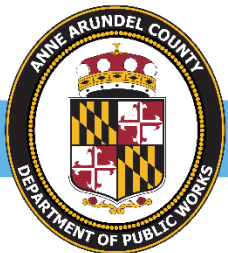
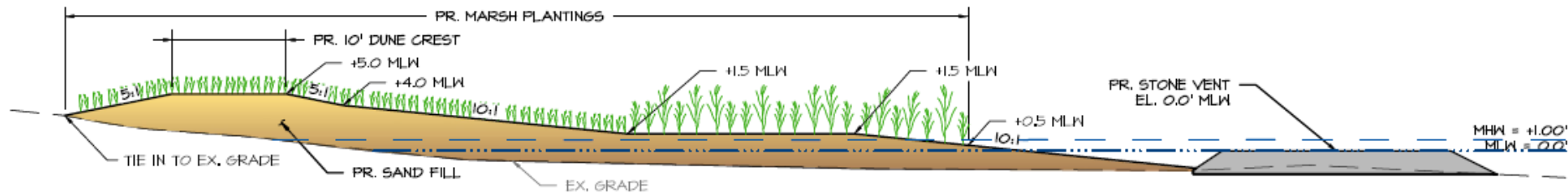
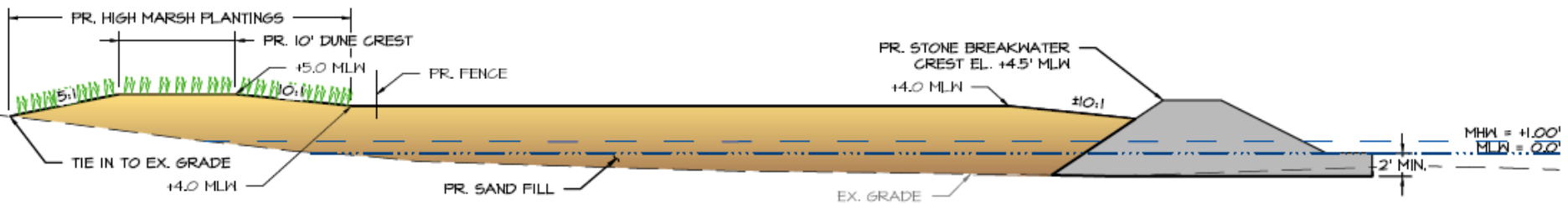
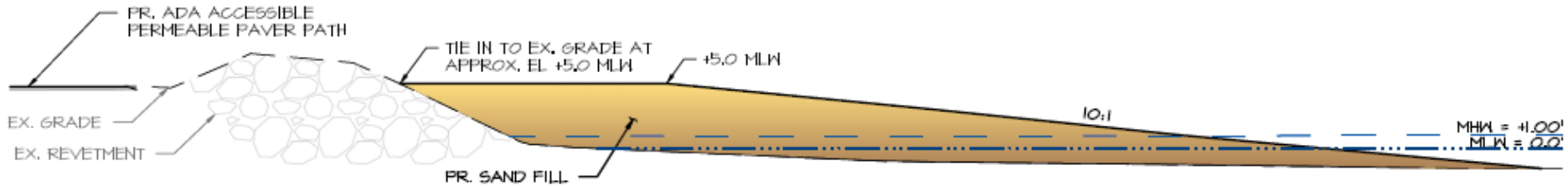
Gravel Drain

Mitigation Plantings

Gate

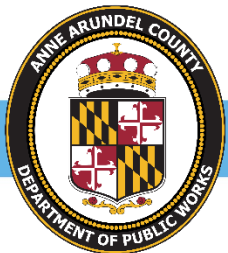
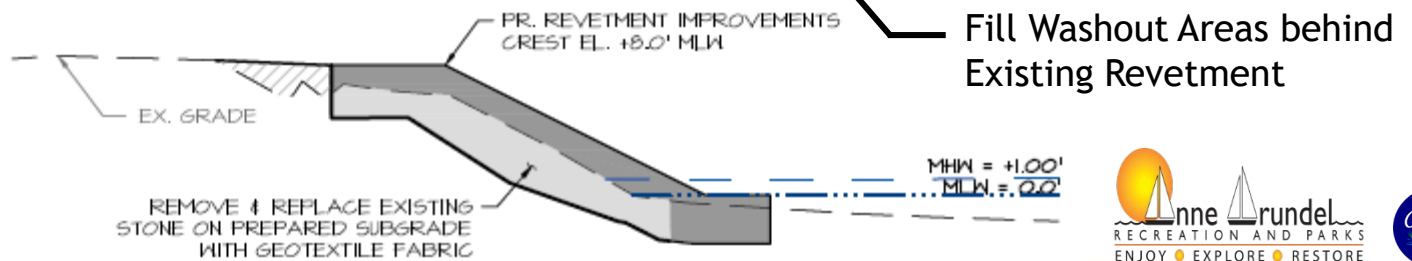


Proposed Design - Dog Beach



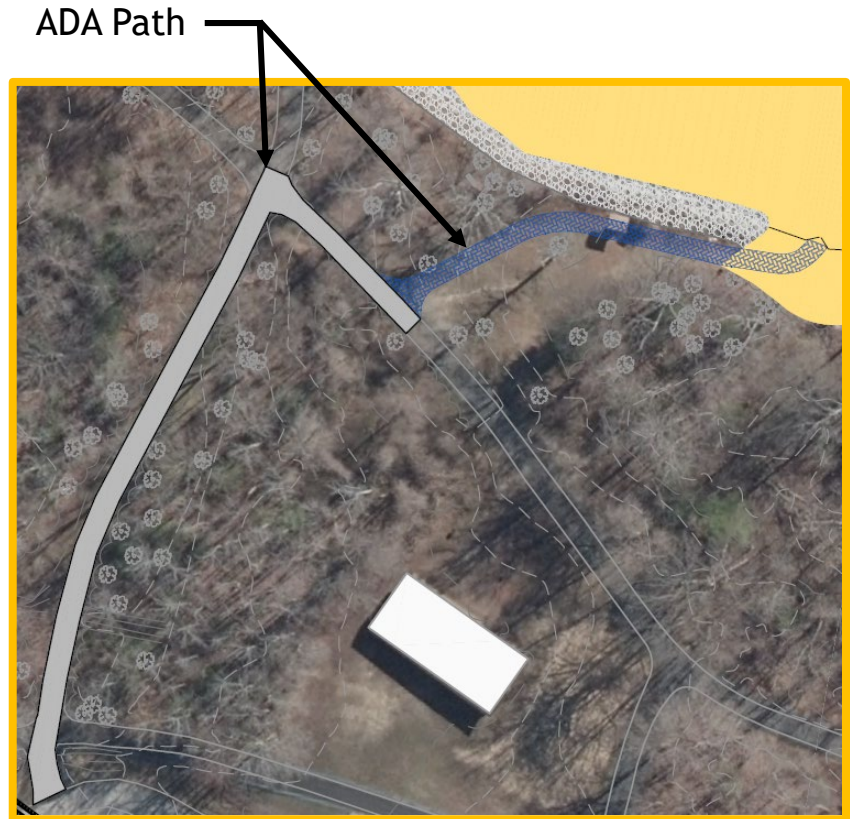
Proposed Design - Revetment

- Restore ±360 feet of revetment
- Enhance with larger stone interlocked to increase stability
- Raise crest elevation +8.0 feet MLW



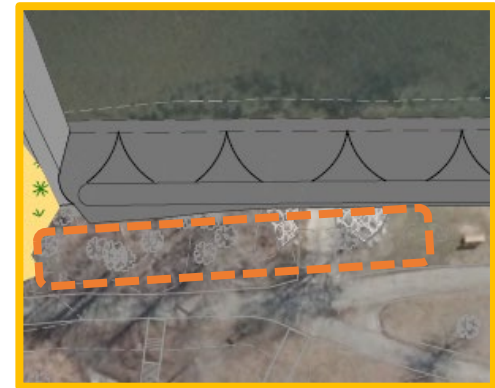
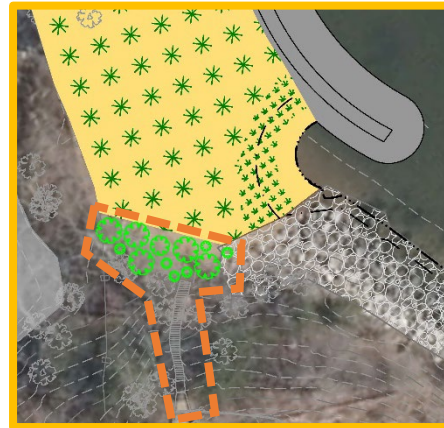
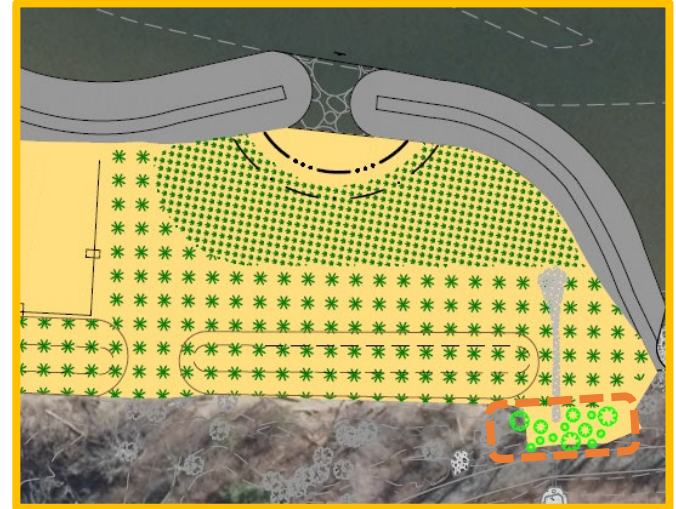
Accessibility Improvements

- 185-foot long, 8-foot wide path constructed with permeable pavers
- Resurfaced paved path from Fernwood parking lot to permeable paver path for full ADA-accessibility from parking to dog beach



Habitat Enhancement Areas

- **Canopy Trees** (e.g., Red Maple, River Birch, Swamp White Oak)
- **Understory Trees** (e.g., Flowering Dogwood, Downy Serviceberry, Sweetbay Magnolia)
- **Shrubs** (e.g., Red Chokeberry, Coastal Sweetpepperbush, Beach Plum, Virginia Sweetspire)
- **Herbaceous Plugs** (e.g., Salt Meadow Cordgrass, Smooth Cordgrass)



Mitigation Planting Quantities	
Canopy Trees	21
Understory Trees	9
Shrubs	90
Herbaceous Plugs	14,700



Construction Access

- Access by land or water
- Construction entrance across from Pinehurst Road



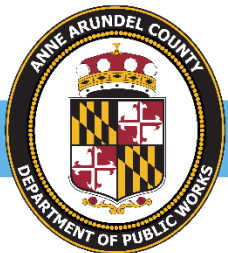
Pr. Dog Beach

Pr. Stockpile



Downs Park Shoreline Improvement Design Goals

- Protect increased shoreline protection to reduce erosion ✓
- Provide large, ADA accessible dog beach ✓
- Increase the coastal resiliency of Park infrastructure ✓
- Provide natural areas for habitat enhancement ✓



Schedule for Shoreline Improvements Project

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



Q & A - Downs Park Shoreline Improvements Project

Contact Information

Melissa Harlinski, Project Manager

pwharl45@aacounty.org

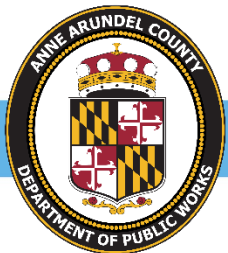
410-222-4126 (office)

Bruce Bruchey, Project Manager

Comments/Questions: drp_capital-projects@aacounty.org

Link to Presentation and Meeting Minutes:

[Past Community Meetings Available for Comment | Anne Arundel County Government \(aacounty.org\)](#)





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

Email: hwyscustomercare@aacounty.org

Customer Relations:

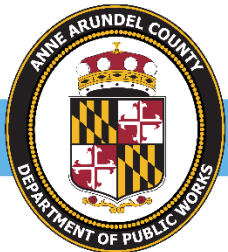
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