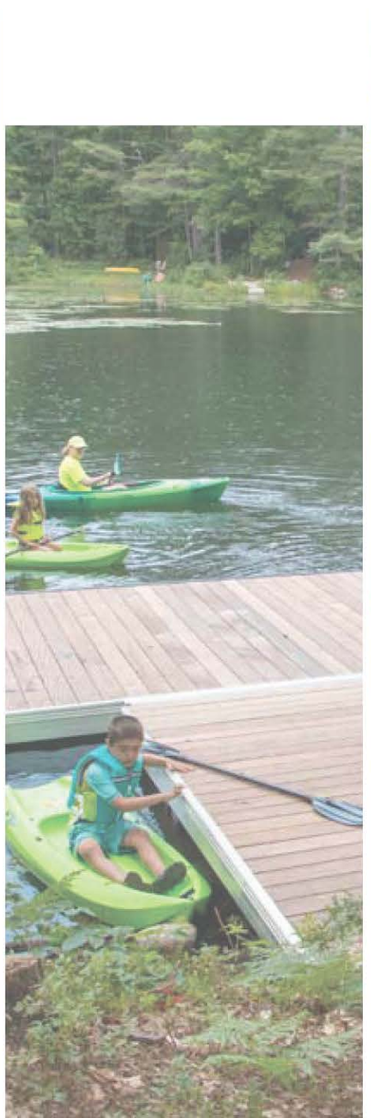
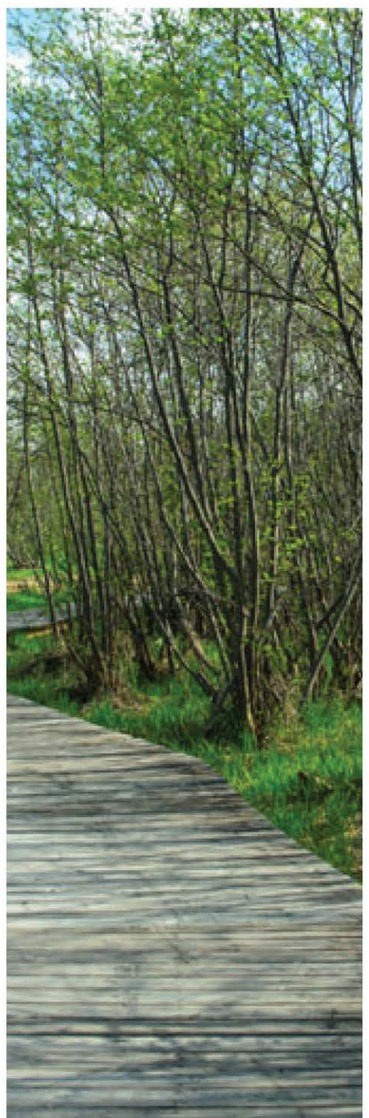
ARAIYS DESIGN, L.A., P.C.
LANDSCAPE ARCHITECTS- Site Planners

RIVERSIDE MARITIME TRAIL PARK

Hamlet of Riverside, Town of Southampton

90% Concept Design




(Engage) (Embrace) (Revitalize) (Restore) (Protect) (Enjoy)

Goal

To develop a natural, inviting, and safe MARITIME TRAIL PARK accessible to all ages of the community with passive recreational opportunities as well as a revitalized natural environment which respects the unique historical, cultural, and natural character of the site while promoting a more sustainable ecosystem.

"Embrace the Peconic Riverfront"

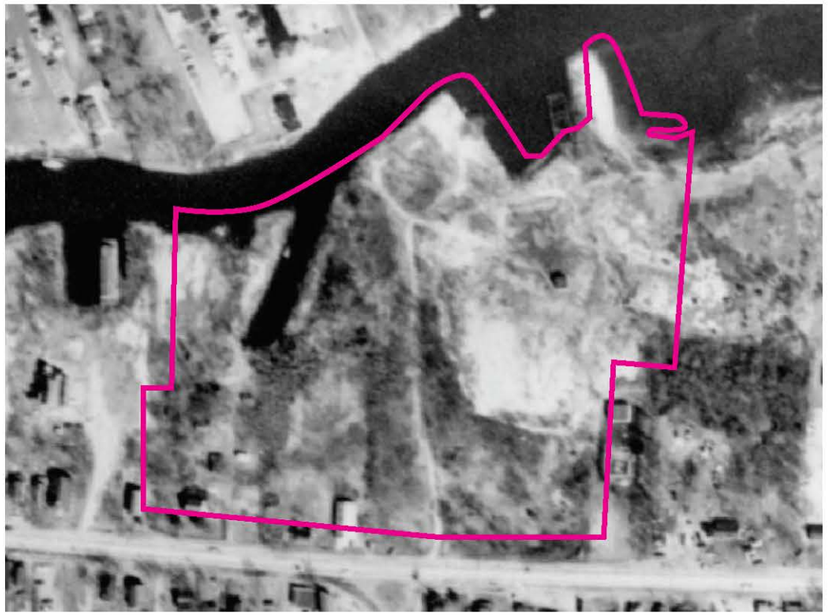
Meeting Objectives

- To review community input
- 50% conceptual design presentation

TABLE OF CONTENTS

1.1 Site Context

- 14 acres of vacant and unimproved County parkland located within the Peconic Estuary and Peconic River Watershed
- Centrally located within the Riverside Overlay District (ROD)
- Cornerstone feature of the Riverside Revitalization Plan (RRAP)
- Easily accessible from Hamlet Center and surrounding Hamlet Neighborhood
- Key feature and destination on the planned 1.6 mile pedestrian walkway
- Acquired by Suffolk County in 2007 with funds from the New Suffolk County Drinking Water Protection Program and preserved for passive recreational use
- Town of Southampton (TOS) negotiated an Inter-Municipal Agreement (IMA) with county that grants lease to improve and maintain the land for the benefit of the residents of Suffolk County

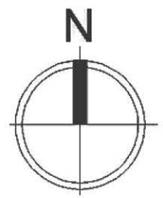


1962

1976

1984

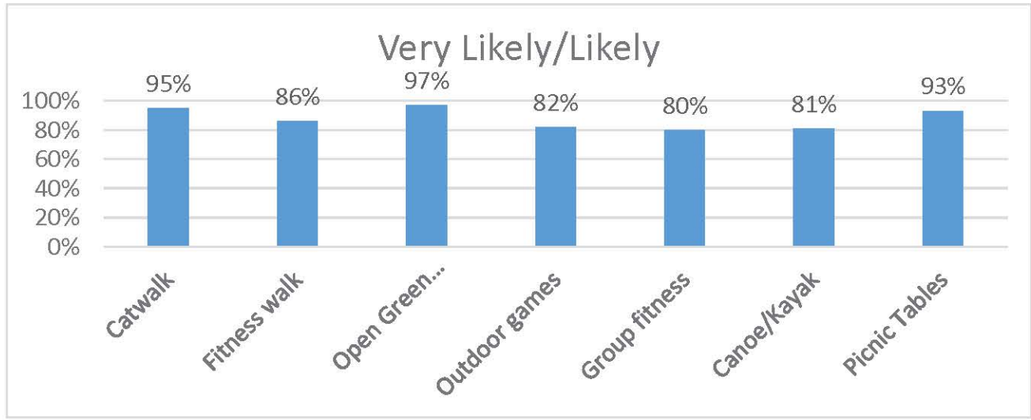
1996

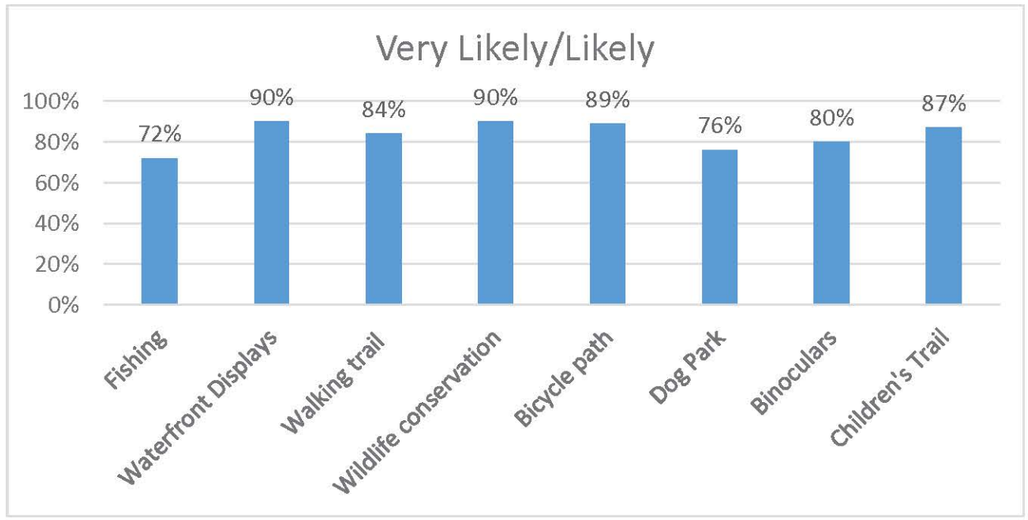


Program development from community design charrette

Program	Ranking
Walking trail	39
At grade/ elevated boardwalk	36
Rest stations, park amenities	35
Kayak launch area	34
Bike path	33
Displays and information accessible to people with cognitive, visual and hearing impairments/ handicapped accessible trails	33
Safety features (lighting & railing)	32
Art displays	30
Children's trail, sensory experience	30
Habitat garden	29
Water platform, overlooks, fishing platform	29
Fitness trail	28
On site parking	28
Open green space, meet-up group activities	28
Organized wildlife education/Wildlife observation	28
Educational displays	27
Rain gardens, bioswale, native planting, permeable paver	24
Game tables	23
Group fitness	23
Fenced-in dog space	12

Health & Community Survey





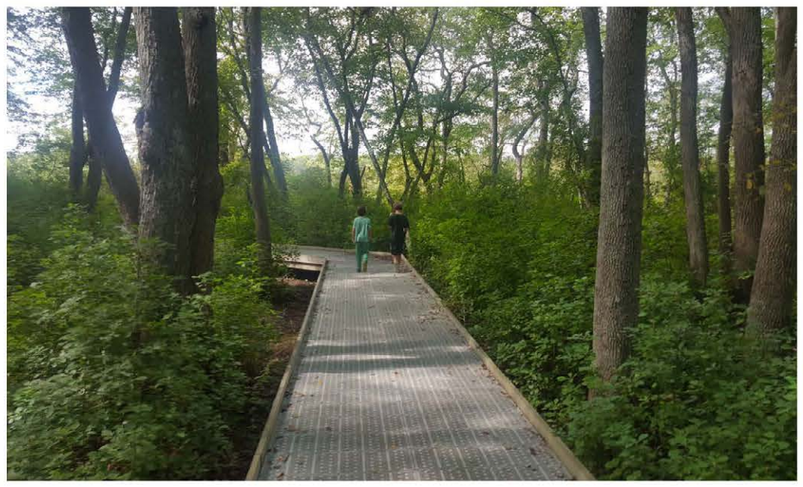
1.4 50 % Conceptual Site Plan

2 Conceptual Site Plan

2.1 90% Conceptual Site Plan

90% Conceptual Site Plan

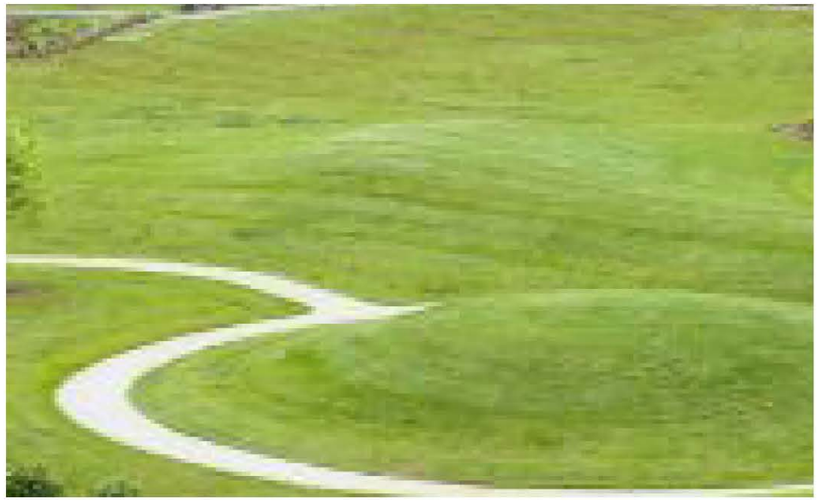
Walking trail & biking path

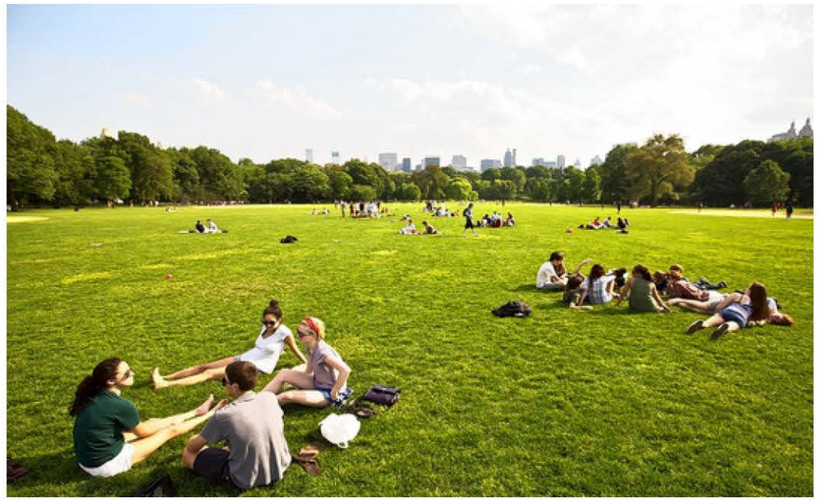


Thruflow walkway

Group fitness & adult fitness circuit

Children's discovery garden





Open green space

Performance/presentation space

Overlook

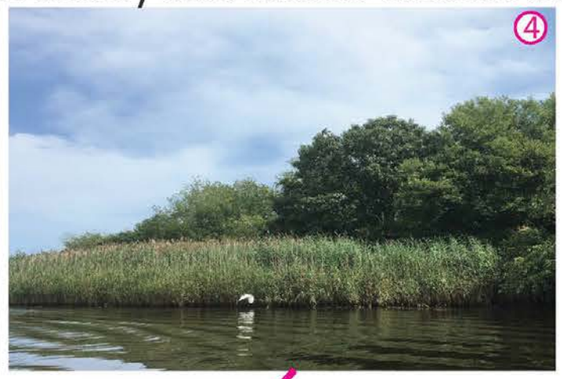
Kiosk & fishing platform

Parking lot & bioswale

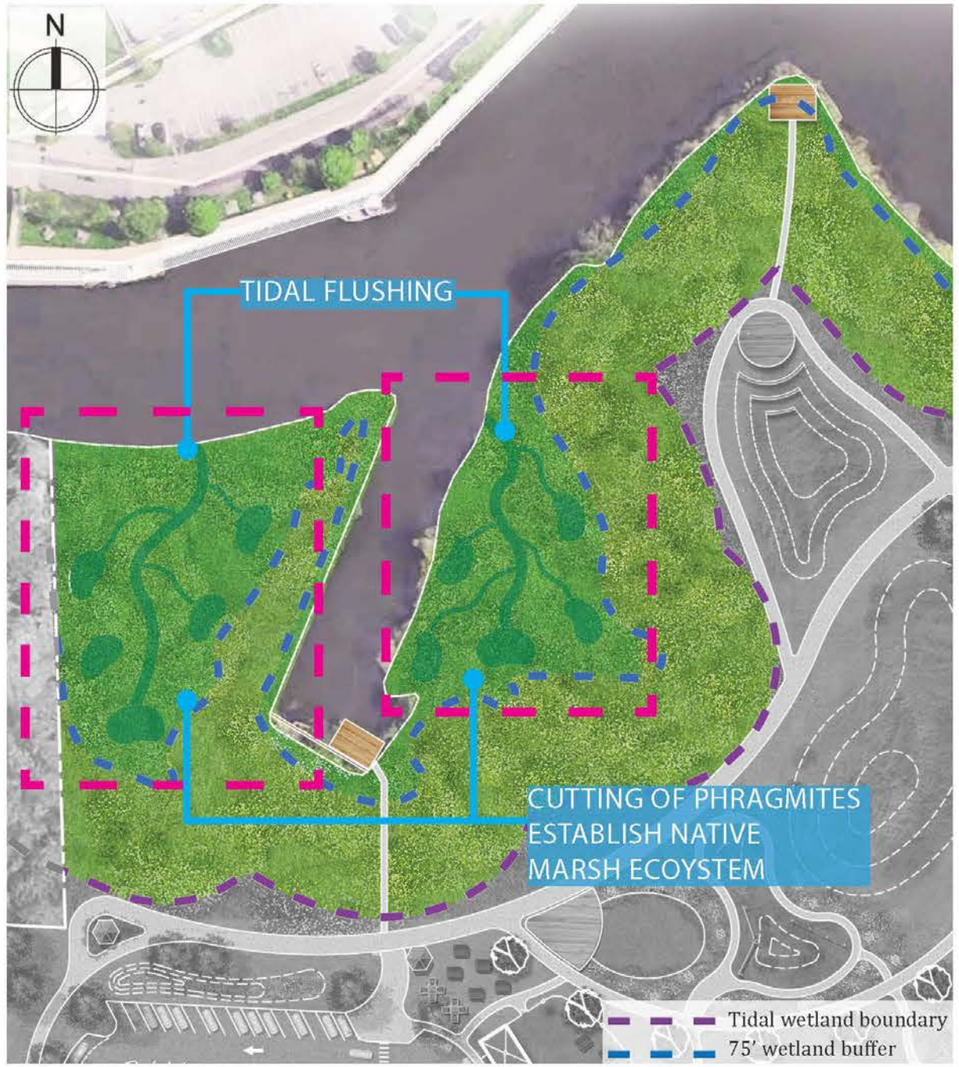
Wetland buffer

Site amenities

2.3 Wetland Buffer/Shoreline Restoration



2.3 Wetland Buffer/Shoreline Restoration

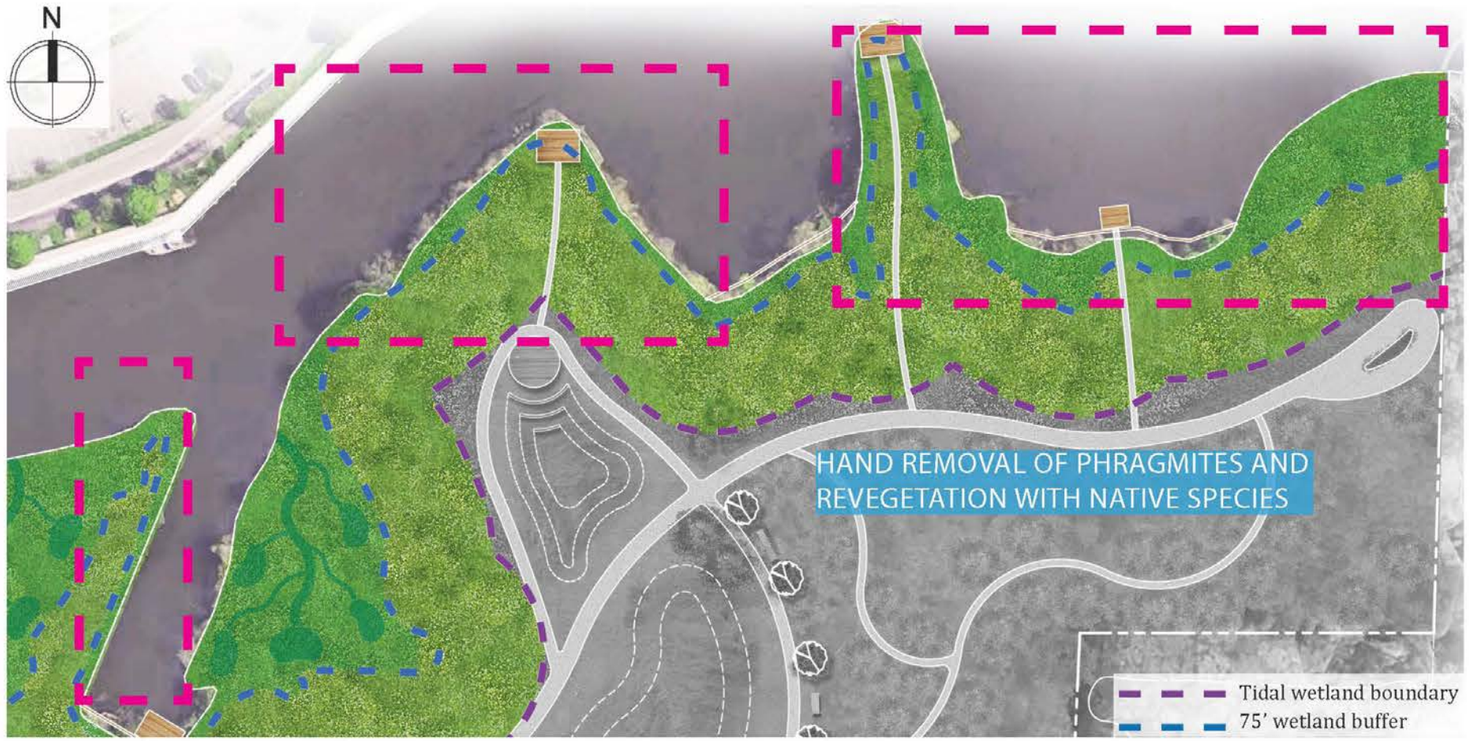


Restoration Method For Phragmites Dominated Marsh

- Common Reed will outcompete other vegetation in shallow, stagnant waters with poorly aerated sediments
- Flushing: Create "tidal channels' to facilitate the transport of water into back marsh areas
- Increase salinity to promote growth of native Spartina alterniflora
- Phragmites can not tolerate salinities greater than 18 ppt (parts per thousand)
- Research from Connecticut College shows that repeated annual cutting of Phragmites along with flow restoration increases results of Phragmites removal

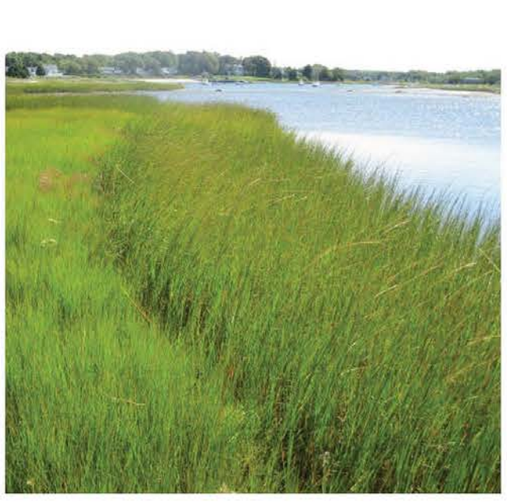
Source: New York State Marsh Restoration and Monitroring Guidelines

2.3 Wetland Buffer/Shoreline Restoration



Phragmites Dominated Shoreline Edge

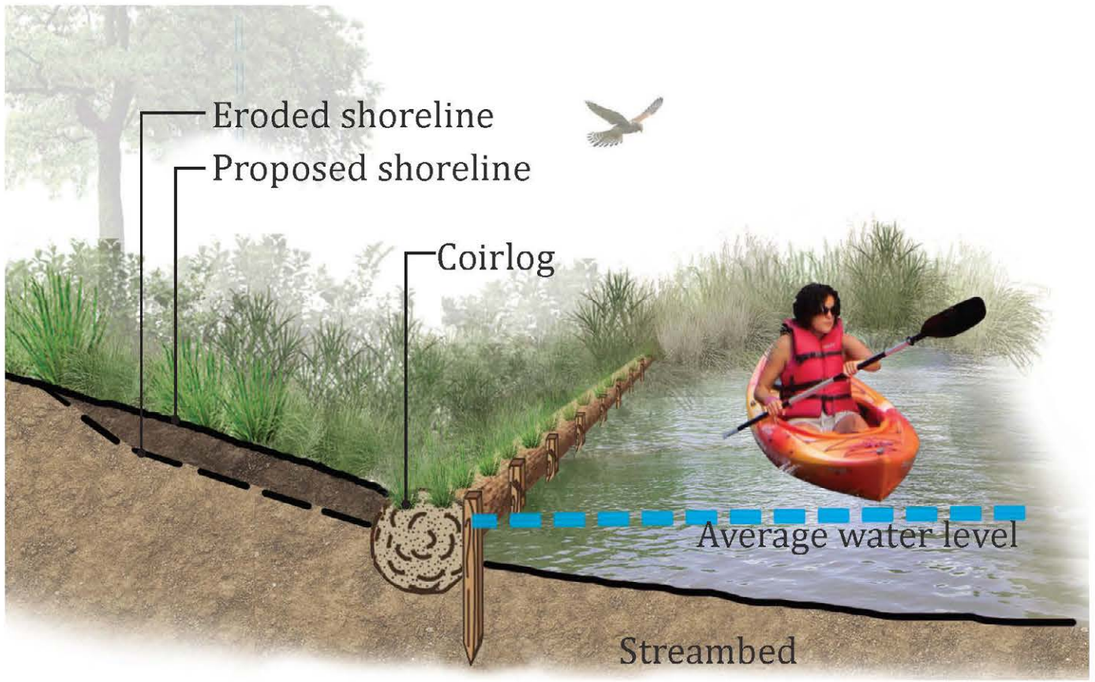
- In areas where Phragmites has not invaded upland due to shading by taller deciduous plant material
- Cut and excavate root zone of Phragmites to a depth sufficient for removal of plant rhyzomes
- Removal of infected soils to approved upland location
- Regrade and backfill with clean fill
- Plant with native species



2.3 Wetland Buffer/Shoreline Restoration

Restoration Of Eroded Shoreline

- Low wave energy shoreline perfect for stabilization by Coir Logs
- Coir Logs installed approximately 6 feet seaward of eroded slope
- Regrade slope and Backfill with clean fill landward of Coir Log
- Plant with native plant species



Benefits

- Reduces costruction costs
- Restores marine habitat & spawning areas
- Assists with maintaining water quality
- Prevents further bank erosion & property loss
- Creates a natural & aesthetic appearance
- Establishes a beach where boat launching, sunbathing, and swimming can occur

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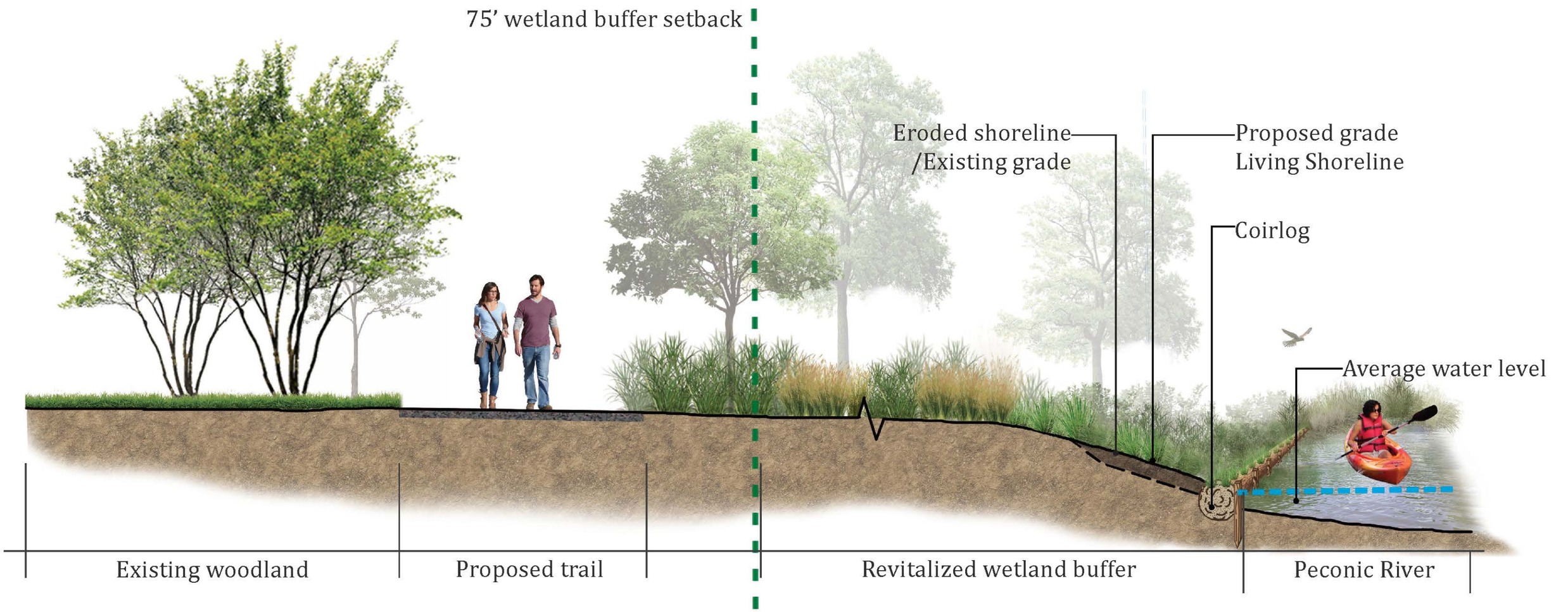





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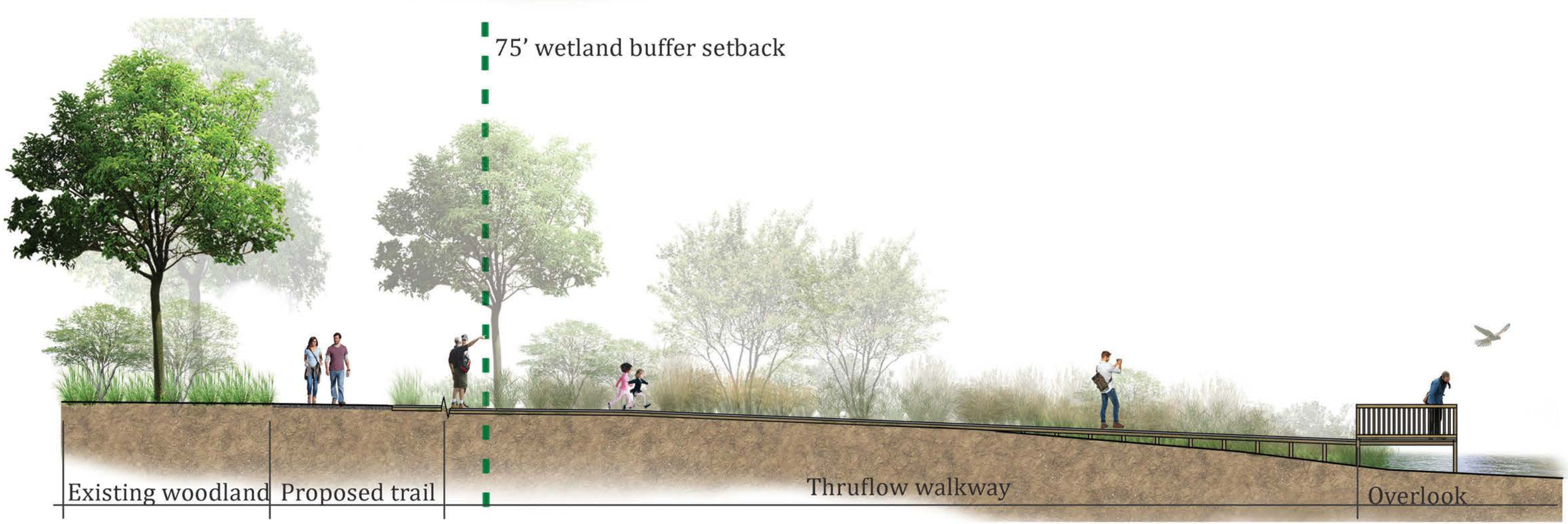

Thank you

Questions?