

# Bayou Chico Water Quality Improvement

NATIONAL FISH AND WILDLIFE FOUNDATION (NFWF) – PHASE II

## PROJECT DESCRIPTION

This suite of projects will reduce sediment and nutrient loading to Bayou Chico, reduce turbidity, increase water clarity, and improve light penetration for photosynthesis to enable expansion of submerged aquatic vegetation (SAV) habitat. SAV provides habitat to fish, shrimp, crabs, and other estuarine species that were negatively affected by the oil spill. The projects will continue implementation of the overall restoration of Bayou Chico and will complement or accelerate planned restoration activities identified in the Florida Department of Environmental Protection's Basin Management action Plan for the Bayou. The projects include both stormwater treatment and stream restoration elements, and complement a proposed living shoreline project to be funded under Natural Resource Damage Assessment Early Restoration. The Bayou Chico watershed, located in southern Escambia County, represents a 10.36-square-mile drainage area into Pensacola Bay. Much of the area surrounding the bayou is urbanized, consisting of older, well-established

residential subdivisions and industrial-and commercial-use areas. Expected outcomes of these projects include restored and improved benthic habitat quality, increased biological diversity and productivity, and improved overall water quality in the Bayou Chico watershed.

Source: <http://www.nfwf.org/gulf/Documents/fl-bayou-chico-14.pdf>

## PROJECT DETAILS

Total Funding Allocated: \$11,032,300  
(Including five projects)

**Bill Gregory Park Stormwater Project:**  
\$2,195,000

**R Street at Maggie's Ditch Stormwater Project:** \$880,000

**Beach Haven Northeast Stormwater Project:**  
\$4,992,250

**Jackson Creek Stream Restoration:**  
\$1,482,500

**Jones Creek Stream Restoration:** \$1,482,500

Status: Various



# Bill Gregory Park Stormwater Project

NATIONAL FISH AND WILDLIFE FOUNDATION (NFWF) - PHASE II

## PROJECT DESCRIPTION

Improvements for the Bill Gregory Park Regional Stormwater Treatment project includes: a storm water pond, stormwater treatment vault, landscape, an ADA-accessible walking trail, sidewalks, parking, & lighting.

The project will assist in the restoration of Bayou Chico by treating currently untreated stormwater that flows directly into Maggie's Ditch.

Source:

<http://cityofpensacola.com/Calendar.aspx?EID=1946&day=24&month=8&year=2016&calType=0>

## PROJECT DETAILS

Total Project Cost: \$2,195,000

Project was funded through National Fish & Wildlife Foundation (NFWF) Grant.

Status: Project sub-awarded to the City of Pensacola. The design was completed by Adkins and a public meeting was held on 8-25-2016. Construction pre-bid 10-26-2016. Construction should begin by January 2017 and expected to last 9 months.







Bill Gregory Park Regional Stormwater Treatment Facility Project

# R Street at Maggie's Ditch Stormwater Project

NATIONAL FISH AND WILDLIFE FOUNDATION (NFWF) - PHASE II

## PROJECT DESCRIPTION

The “R” Street at Maggie’s Ditch Stormwater Treatment Enhancement project includes: a stormwater treatment vault, landscape/ rain garden, sidewalks, a covered pavilion, and outdoor classroom.

The vault will remove sediment, trash, grease, oils, and phosphorus, adding up to approximately 20 tons of solids removed annually.

The project will assist in the restoration of Bayou Chico by treating currently untreated stormwater that flows directly into Maggie’s Ditch.

Source:

<http://cityofpensacola.com/Calendar.aspx?EID=1946&day=24&month=8&year=2016&calType=0>

## PROJECT DETAILS

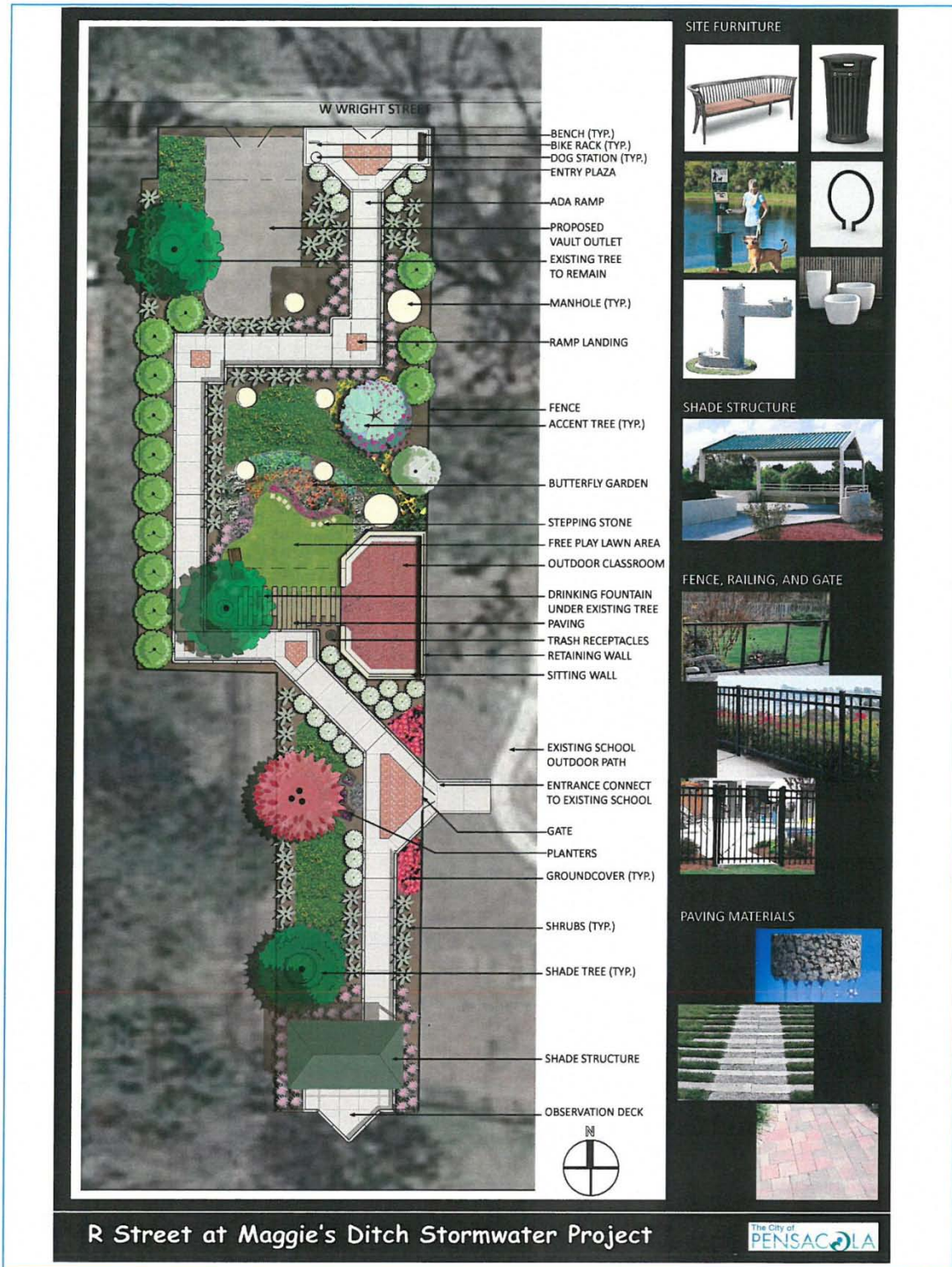
Total Project Cost: \$880,000

Project was funded through National Fish & Wildlife Foundation (NFWF) Grant.

Status: Project sub-awarded to the City of Pensacola. The design was completed by Adkins and a public meeting was held on 8-25-2016. Construction pre-bid meeting to be scheduled this fall. Construction should begin by January 2017 and is expected to run 6 months.









# Beach Haven Northeast Drainage & Sanitary Sewer Project (Phase 1)

NATIONAL FISH AND WILDLIFE FOUNDATION (NFWF) - PHASE II

## PROJECT DESCRIPTION

Escambia County and the Emerald Coast Utilities Authority (ECUA) are working together on the Beach Haven Drainage and Sewer Improvement Project in District 2. These improvements will improve stormwater management, water quality and sanitary sewer systems. The project will include the following:

- Installation of a stormwater conveyance system to mitigate flooding and improve water quality, including stormwater ponds;
- Installation of a sewer collection system to reduce use of septic tanks;
- Roadway Improvements including resurfacing and the addition of curb and gutter in most areas;
- Construction of roadside swales where practical for additional stormwater treatment and control.

Project will improve flooding of the neighborhood as well as improve water quality of Jones Creek. Improved stormwater treatment systems will protect the creek from excess nutrients and improve habitat.

Source: <http://myescambia.com/open-government/projects/project-listing/beach-haven-ne-zone-drainage-sewer-phase-1>

## PROJECT DETAILS

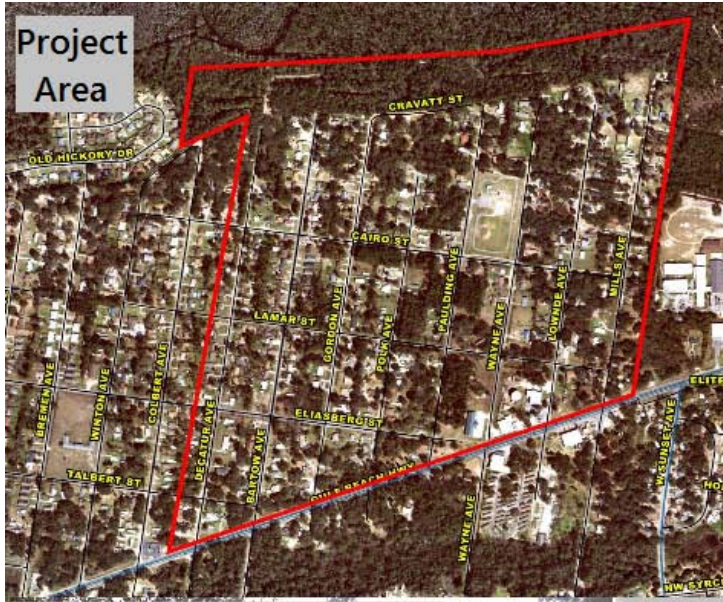
Total Project Cost: \$10,497,122

Project was funded through National Fish & Wildlife Foundation (NFWF) Grant, Florida Dept. of Environmental Protection (FDEP) 319 Grant, Emerald Coast Utilities Authority (ECUA) Funds, Local Option Sales Tax (LOST) and Community Redevelopment Agency (CRA)-50% match available for individual sewer connections.

Status: The design for stormwater was completed by Jehle-Halstead, Inc. in collaboration with Escambia County Engineering and ECUA. A public meeting was held on 6-4-2015 on the design. Construction bid was awarded to Phoenix Construction Services, Inc. and should begin fall 2016. Completion of construction is anticipated in fall 2018.









# Jackson Creek Stream Restoration

NATIONAL FISH AND WILDLIFE FOUNDATION (NFWF) - PHASE II

## PROJECT DESCRIPTION

The proposed project is to restore approximately 900 liner ft of Jackson Creek and the surrounding flood plain. Currently, Escambia County is looking to purchase a property that contains a closed mini storage business. The site has experienced repeated flooding likely due to urban encroachment on the stream in the surrounding area. This project would demolish the currently unused mini storage units and restore the creek's natural floodplain and habitat.

This project will not only provide additional habitat for wildlife in a relatively urban area, but also reduce the pressure of flooding in the area. It will also improve water quality as the new wetlands will act as a natural buffer for filtration of the stormwater runoff.

## PROJECT DETAILS

Total Project Cost: \$1,482,500

Project was funded through National Fish & Wildlife Foundation (NFWF) Grant.

Status: Project progress is contingent on acquisition of the restoration site. The county is pending a contract with owner for land acquisition.







# Jones Creek Stream Restoration

NATIONAL FISH AND WILDLIFE FOUNDATION (NFWF) – PHASE II

## PROJECT DESCRIPTION

The Jones Creek Stream Restoration is occurring in two sites. The first site is the Corry Dale Lift Station that currently extends into the floodplain of Jones Creek. Escambia County and the Emerald Coast Utilities Authority (ECUA) are working together to move the lift station, remove the fill road to the lift station, and restore the natural floodplain and habitat.

The second site is an old Airway Clearway for Corry Field. The historic wetland was filled for runway safety but is no longer used. The filled site will be restored back to a floodplain for Jones Creek.

This project will not only provide additional habitat for wildlife, but also reduce the pressure of flooding

in the area. It will also improve water quality as the new wetlands will act as a natural buffer for filtration of the stormwater runoff.

## PROJECT DETAILS


Total Project Cost: \$1,482,500

Project was funded through National Fish & Wildlife Foundation (NFWF) Grant.

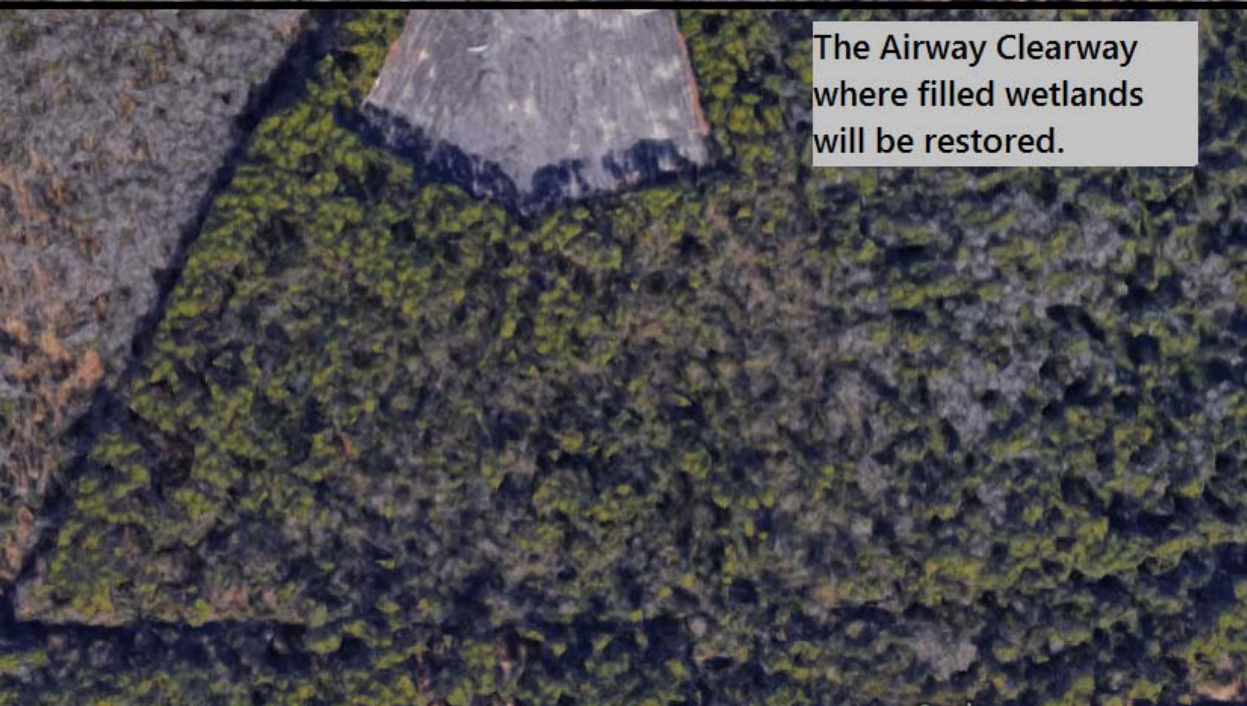
Status: Corry Dale Lift Station site is under construction.

The Airway Clearway site is was awarded to Mott McDonald for design.





Corry Dale Lift Station  
cutting into Jones Creek  
floodplain.



The Airway Clearway  
where filled wetlands  
will be restored.



## BAYOU CHICO WATER QUALITY IMPROVEMENTS

