



RANK: INFRASTRUCTURE- 5, OVERALL- 8

PROJECT DESCRIPTION

This project will add eleven ponds in the Eleven Mile Creek basin that will provide flood attenuation, improve water quality, and have a direct impact on all coastal areas of Escambia County that border Perdido Bay. Site one (1) is a pond near the Green Hills Road Tributary. The remaining ten (10) pond/stream restoration sites in the Eleven Mile Creek basin are being rated for land acquisition purposes. One of the broader goals of this project is to reduce downstream stormwater flow rates and improve overall water quality for the downstream outfall locations. The Green Hills site consists of construction of pond and/or floodplain restoration site upstream of the Green Hills Road culvert crossing. An immediate benefit is that Green Hills Road will not be subject to roadway flooding during a 25-year storm event. Construction of eleven ponds will reduce roadway flooding throughout the Eleven Mile Creek basin. Ponds 2 through 11 are stormwater ponds/ floodplain creation sites that will similarly improve the Eleven Mile Creek Watershed downstream of the Green Hills Road culvert crossing. Construction of the attenuation sites will directly improve water quality, reduce downstream flooding, and has the potential to further improve water quality by measurably reducing the amount of sedimentation and pollutants that enter Perdido Bay.

PROJECT DETAILS

Phase 1 (MYIP activities) - \$224,000

Planning & Design for Stormwater Improvements

- Pond Creation & Location Planning
- Watershed Assessments
- Easement Determination & Land Acquisition
- Wetland Delineation & Permitting
- Pond & Floodplain Restoration Design

Future Phases - \$3,800,000

Implementation & Construction

- Construction of Ponds and Stormwater Treatment Sites

Total Project Cost: \$4,024,000

Leverage: \$1,510,000 (Programmed LOST)

Long Term Project Cost: \$43,200,000

Primary Eligible Activity: Planning Assistance





Project Benefits

- Flood Protection for 512 acres Directly
- Protects 31,000 acres Downstream of Flooding and Untreated Water
- Protects Homes
- Increase Community Resilience
- Creates 11 Stormwater Treatment Ponds
- Improve Water Quality/ Increase Dissolved Oxygen/ Begin Addressing TMDL
- Stormwater Runoff Treatment/ Reduction
- Supports & Creates Jobs

Eleven Mile Creek Impairments

- Sedimentation
- Nutrients
- Impaired Waters: Fecal Coliform TMDL- Bacterial Pollution Control Plan
- Habitat Loss
- Low Dissolved Oxygen

