



RANK: ENVIRONMENT – 2, OVERALL – 2

PROJECT DESCRIPTION

The Carpenter Creek and Bayou Texar Economic and Environmental Revitalization Plan will be based on public input and watershed assessments, and will identify community goals, illustrate project components, and develop sound restoration and revitalization projects around Carpenter Creek and Bayou Texar watershed.

Urban encroachment around Carpenter Creek has reduced riparian buffers leading to increased erosion rates and flooding occurrences, increased stormwater runoff, reduced water quality and clarity, and a disconnect between the urban and natural environment.

Projects identified in the master plan will be implemented to restore/enhance the floodplain, stabilize creek banks, improve water flow and quality, establish a greenway with trails, public access, and streamside dining and entertainment.

PROJECT DETAILS

Phase 1 (MYIP activities) - \$1,090,000

Develops a Master Plan for Carpenter Creek and Bayou Texar

- Community/stakeholder Input
- Pre-design Water Quality/Habitat Monitoring
- Watershed Assessments
- Identify Community Goals
- Identify Restoration Activities
- Identify Stormwater Controls/ Treatment Projects
- Illustrate Project Components

Future Phases - \$3,795,000

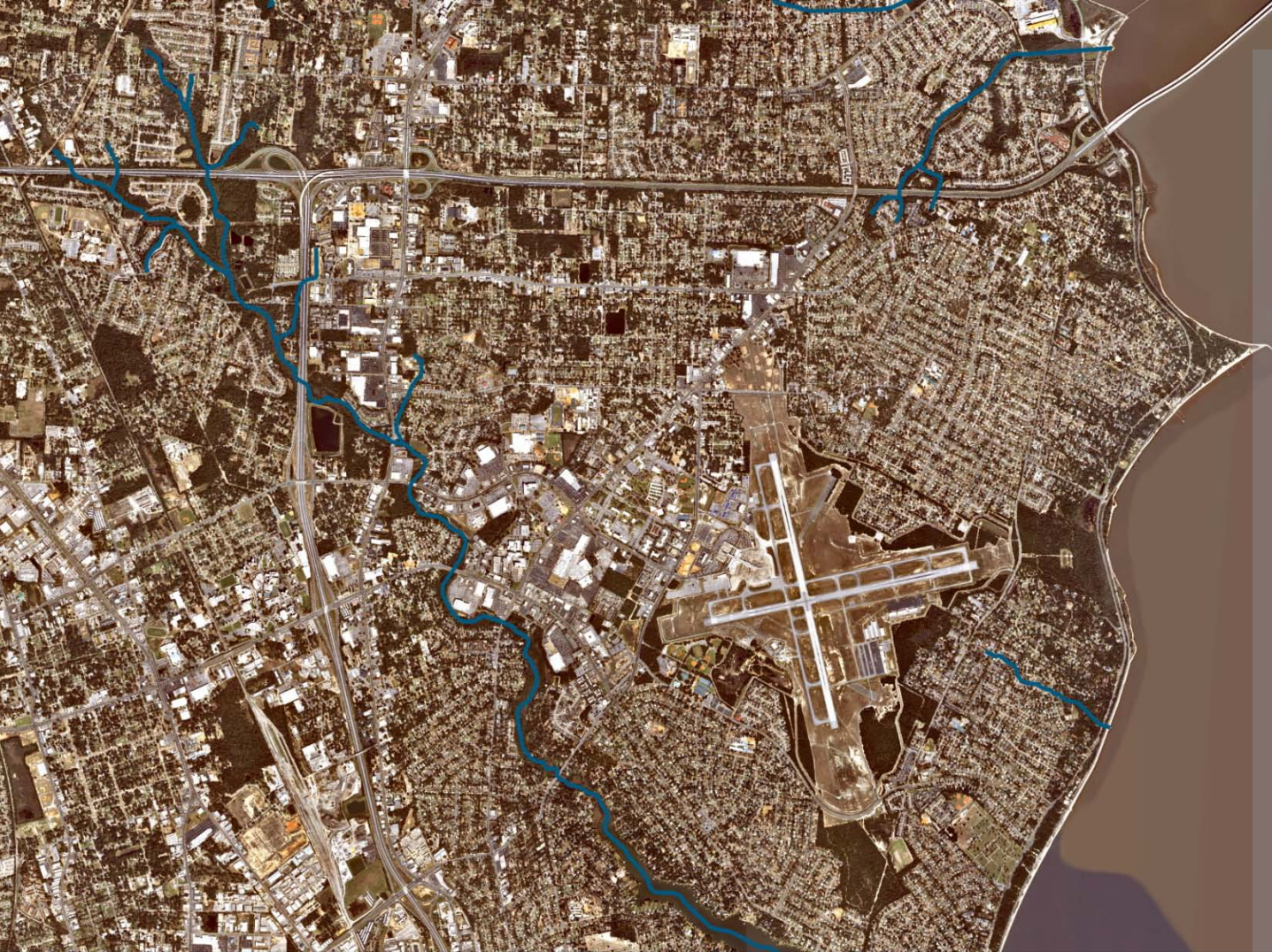
Master Plan Implementation

- Land/Easement Acquisition
- Stream Restoration
- Riparian Zone Restoration/Preservation
- Establish Greenway/ Public Access

Total Project Cost: \$4,885,000

Primary Eligible Activity: Planning Assistance





Project Benefits

- Restored/ Enhanced Floodplain/
Reduce Residential & Commercial
Flooding
- Reduce Water Flow Velocity
- Improve Water Quality/ Increase
Dissolved Oxygen/ Begin Addressing
TMDL
- Preserve Natural Habitats/ Enhance
Riparian Buffers
- Establish Greenway for Pedestrian/
Bicycles
- Stormwater Runoff Treatment/
Reduction
- Increase Recreational Access/ Use &
Ecotourism

Carpenter Creek & Bayou Texar Legacy Issues

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

