



## ST. TAMMANY PARISH COASTAL STUDY

**PROJECT OVERVIEW:** The St. Tammany Parish Coastal Protection Project (PO-167), is a collaborative effort between St. Tammany Parish Government (STPG) and the St. Tammany Levee, Drainage and Conservation District (STLCD), with funding from CPRA through an Intergovernmental Agreement.

The scope of the study is divided into three Phases. Task I consist of collecting and organizing existing flood control assets and associated project data into a GIS data base. Task II is a gap analysis and Task III is a project feasibility analyses and engineering design.

- **TASK 1 – COLLECTION & ORGANIZATION OF FLOOD CONTROL DATA**
  - Task I consist of collecting and organizing existing flood control assets and associated project data into a GIS data base.
  - Status: Complete
- **TASK 2 – GAP ANALYSIS**
  - Provides recommendations for further study/actions to address gap areas. Areas in the St. Tammany Parish Coastal Zone vulnerable to tidal surge, flooding due to inadequate conveyance, and/ or wetland loss/reduction were mapped and overlaid with the flood control assets, projects and repetitive loss data from Task I in order to identify potential gaps. These geographic gaps are areas in the St. Tammany Coastal Zone that are vulnerable to tidal surge, flooding due to inadequate conveyance, and/ or wetland loss/reduction and lack either the assets or projects to address the concerns.
  - Status: Complete
  - [http://www2.stpgov.org/engineering/StTammanyCoastalProtection\\_GapAnalysisReport\\_v3.pdf](http://www2.stpgov.org/engineering/StTammanyCoastalProtection_GapAnalysisReport_v3.pdf)
- **TASK 3 – PROJECT FEASIBILITY ANALYSIS & ENGINEERING**
  - Task 3 includes project development for levee/structural protection projects identified in the Gap Analysis. Work includes.
    - Basis of Design
    - Geotechnical Evaluation
    - Coastal Modeling, Hydraulics and Hydrology
    - Environmental Considerations
  - Status: Started October 2020

