

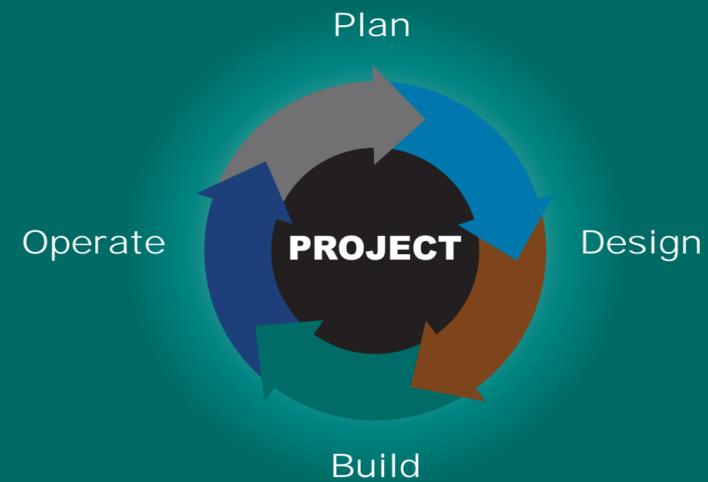
Solutions on a Foundation of Experience

T. Baker Smith (TBS) has been offering our clients superior integrated professional solutions that are custom-tailored to meet their unique needs for almost 100 years. Having survived two World Wars, a volatile oil industry, uncertain economies, and major hurricanes, TBS is stronger than ever. Today, the firm has over 230 professionals and support associates in six locations from which we help our clients plan, design, build and operate their projects.

- Environmental
- Surveying
- Geophysical
- Marine Positioning
- Engineering
- Construction Management



Protecting and Restoring the Coast... One Project at a Time



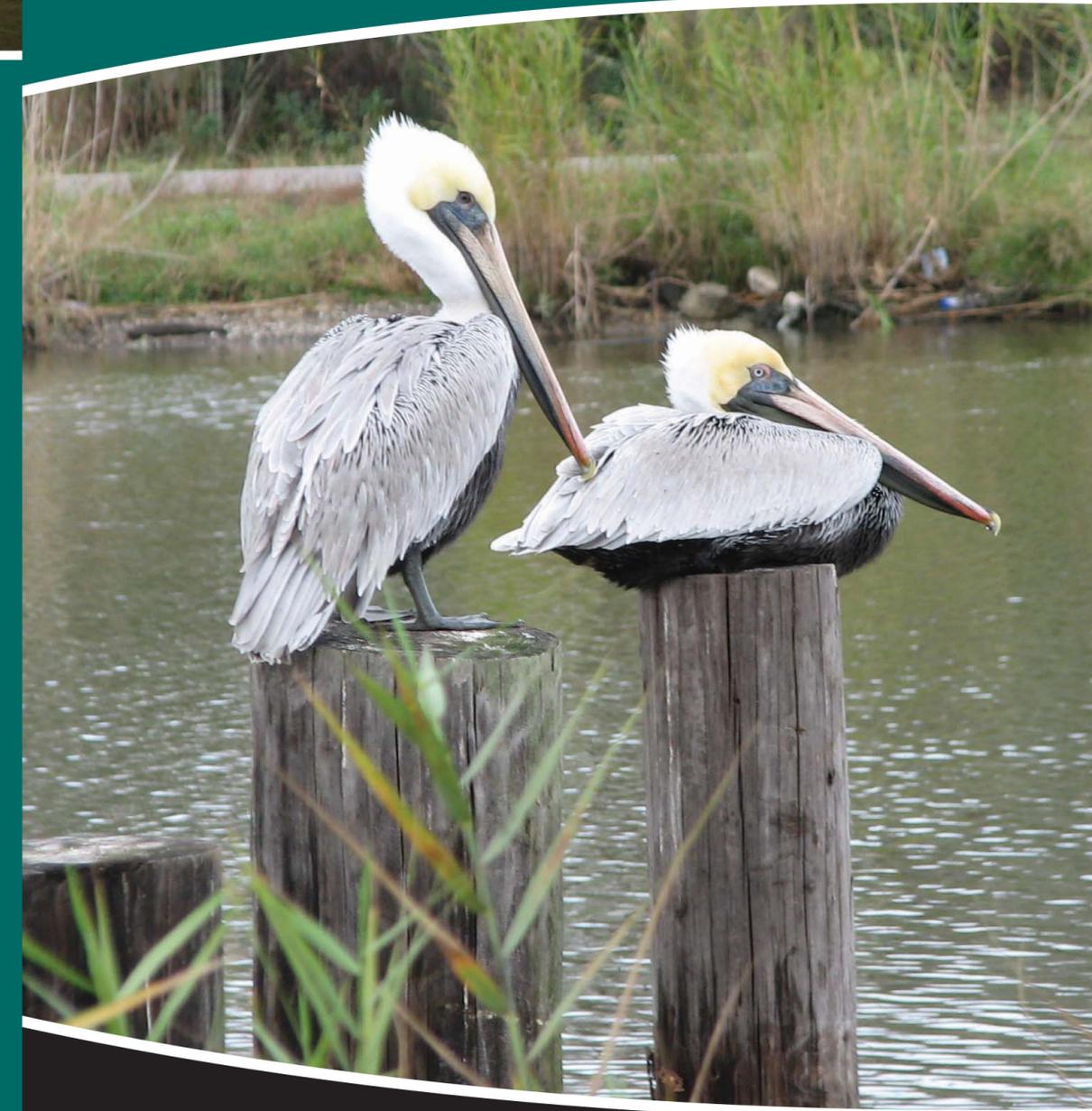
T. Baker Smith can plan, design, build and operate your project. Our professionals can help you define your project requirements, develop tasks, and put together a project schedule. Our integrated teams will work together to provide you with a multi-disciplined solution to meet your needs. TBS has the resources and experience to take a project from concept to reality, and we can provide continuity of management through all project phases.



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T. Baker Smith's integrated teams have provided multi-discipline solutions for hundreds of coastal projects across the Gulf Coast region. T. Baker Smith assists our clients by:

- Designing Coastal Restoration Projects
- Evaluating, Securing Funding, and Designing Projects to Protect People
- Providing Regulatory Compliance and Environmental Monitoring for Clients with Coastal Infrastructure
- Helping Landowners promote protection of coastal properties

T. Baker Smith Coastal Projects

Island Restoration Projects

T. Baker Smith has been involved in island restoration projects for decades from the initial project management plan through final design and construction management. The goals of these projects are to increase the longevity and natural portions of the island by increasing the island's size, conserving

sand volume and elevation, and to vegetate the restored areas.

Each island restoration design includes surveying the existing land with topographic surveying and cross section. Hydrographic surveying is also done including bathymetry, magnetometer, and sub-bottom profiling is then completed. Pipeline location is important part of the process as well. Once the land and water surveying is complete, TBS engineers prepare plans and specifications for the client and oversee construction.

Below is a listing of some of the Island Restoration Projects T. Baker Smith has worked on.

Biloxi Marsh Estuary Stabilization and Restoration Plan

TBS worked with Randy Moertle and Associates, Inc., Shea Penland, PhD., Denise Reed, PhD., and the Biloxi Marsh Lands Corporation to develop a conceptual plan to restore



and stabilize the Biloxi Marsh estuary, which is a 210,000 acre network of coastal wetlands located approximately 30 miles southeast of the City of New Orleans, between Chandeleur Sound and Lake Borgne. The Biloxi Marsh Stabilization and Restoration Plan was conceived and funded by the Biloxi Marsh Lands Corporation and Lake Eugenie Land and Development, Inc., the owners of approximately 150,000 acres of the Biloxi Marsh, prior to Hurricane Katrina. Hurricanes Katrina and Rita caused significant damage to the Biloxi Marsh and the region bringing to the forefront the need to preserve and protect the wetlands seaward of the City of New Orleans and surrounding parishes.

The stabilization and restoration plans concentrated on projects that will achieve the following objectives:

- Enhance the hurricane buffer for populated areas
- Reduce land loss
- Enhance existing habitats
- Restore deteriorated wetlands and habitats
- Create a sustainable ecosystem
- Rebuild the natural, functioning ecosystem to conditions as they existed prior to construction of the man-made engineering projects which caused their degradation

TBS began the project in 2005. Individual restoration techniques such as shoreline protection, vegetative plantings, water control structures, marsh terraces, and marsh creation as well as construction costs were addressed within the plan.

After Hurricane Katrina, TBS' scope of services changed to include development of a land loss/land gain analysis to quantify changes associated with Hurricane Katrina. The results of the analysis were incorporated into the Biloxi Marsh Stabilization & Restoration Plan.

Falgout Canal Freshwater Enhancement Project

The objective of the Falgout Canal Freshwater Enhancement Project for Terrebonne Parish Consolidated Government was to introduce freshwater into the marshes adjacent to the Houma Navigation Canal (HNC) between HNC and Bayou Dularge.

The project concept included construction/modification of an inlet structure at a site located on the HNC north of Falgout Canal, modeling of the basin, along with channel improvements, as necessary, to improve efficiency of freshwater flow within the basin area. In addition, existing structures along Falgout Canal would be improved and/or replaced as determined necessary to facilitate operation and maintenance concerns. Additional project features may include the possible placement of shoreline protection along unprotected areas of the HNC. If sufficient funding exists, the project can be expanded to facilitate movement of freshwater, nutrients, and sediment to the hydrologic unit south of Falgout Canal. Project benefits include freshwater flow enhancements to approximately 5,000 acres of existing marsh.

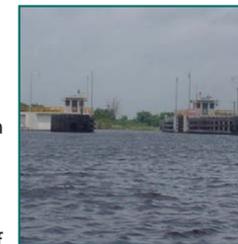


T. Baker Smith was responsible for data compilation and survey data check, setting up mesh, calibrating, and verifying hydraulic model, and model design scenarios.

Terrebonne Bay Shoreline Protection Projects

The Terrebonne Bay Shore Protection Project is an eight year Coastal Wetlands Planning, Protection, and Restoration Act (CVPPRA) demonstration project located north of Terrebonne Bay and east of Bayou Terrebonne along the shoreline of Lake Barre in Terrebonne Parish. The goals of the project are to:

- Reduce shoreline erosion while minimizing scouring to the bay bottom adjacent to each shoreline protection treatment
- Quantify and compare the ability of each treatment in reducing shoreline erosion and enhancing oyster production and habitat



- Compare the cost-effectiveness of each treatment in meeting the project goals

T. Baker Smith's role was to provide survey and construction administration and observation to ensure that the project was built to specifications - a key element to success because replication of treatments and randomized placement of structures within the project area is critical in providing for statistical testing of each structure's effectiveness.

The three techniques chosen based on anticipated effectiveness and cost are:

- gabion mats
- concrete onshore armor units
- foreshore triangle units

Each treatment/technique will be measured in terms of its ability to reduce the effects of wind and wake generated wave energy as well as its ability to provide suitable habitat for the settlement and growth of oysters. The technique or techniques that show the greatest positive potential for achieving the project goals and objects will be considered for utilization in a large scale restoration effort.

Lake Boudreaux Freshwater Diversion

Freshwater reintroduction, a recognized restoration strategy, has been used in a freshwater diversion project that reintroduces freshwater and nutrients back into the marshes located north of Lake Boudreaux - a project that TBS engineers have been a part of for the past nine years.



TBS' survey, environmental, and engineering disciplines have all been involved in the Lake Boudreaux project that will seasonally convey approximately 1,000 cubic feet per second of freshwater from the Houma Navigation Canal through Bayou Pelton, with one cubic foot per second being 646,272 gallons of water per day.

The preliminary design for the project was completed

for the Louisiana Office of Coastal Protection and Restoration, the state sponsor, and the U.S. Fish and Wildlife Service, the federal sponsor, in early June 2009; however, the critical work began over a year ago with the acquisition of land rights for a new conveyance channel that will be a part of the project. The signatures of 58 landowners were needed in order for the project to go forward, and TBS accomplished this task in less than a year. Currently, final design is underway. Construction plans are complete and construction is set to begin in June of 2010.

Shell Pipeline Marsh Restoration

The Shell Pipeline Marsh Restoration project in Golden Meadow, Louisiana consisted of the creation of 30 acres of brackish marsh to mitigate for 20 acres of marsh impacts that resulted from the Mars pipeline project. A bio-benchmark survey was done to establish the optimum elevation to sustain healthy native vegetation. During the bio-benchmark review, TBS collected existing biological data, identified the dominant plant species, and identified healthy and stressed marshes in the project area. TBS consulted with local experts and compiled a written report of findings and recommendations that was submitted to appropriate agencies for discussion.



TBS also provided construction bid assistance and construction inspection. The mitigation site was predominantly emergent marsh that converted into a shallow open-water environment. TBS was also responsible for topographic survey and soil borings of both the disposal and dredged areas as well as cross-sections of canals and existing spoil banks.

