



PUBLIC WORKS



T. Baker Smith (TBS) is dedicated to performing meaningful work in our communities, providing talent, skill, and heart to enhance our way of life. TBS leverages superior, integrated solutions to improve our roads, highways, and bridges, as well as our drainage and sewerage infrastructure. TBS professionals collaborate with coastal clients to engineer solutions that will restore and preserve our precious coastline, enabling us to sustain our livelihood in the coastal communities we hold so dear. Ultimately, TBS provides experienced, trusted, and local professionals with the passion to see our communities flourish and the know-how to see these meaningful projects through to a satisfactory completion for the public.



PUBLIC WORKS SOLUTIONS

+ Planning

- Grant Applications
- Feasibility Studies
- Master Planning
- Environmental Surveys & Assessments
- Construction Estimate & Schedules
- Right of Way Acquisition
- Public Outreach Programs

+ Engineering

- Permitting & Government Submittals
- Topographic Surveys
- Civil Design
- Plans & Specifications

+ Program Management

- GIS & Mapping
- Compliance Tracking

+ Construction

- Bid Documents
- Contractor Selection
- Construction Management
- Stakeout Surveying
- Project Inspection

+ Project Types

- Roads and Bridges
- Flood Protection
- Drainage Studies
- Coastal Science
- Water & Wastewater
- Airports
- Ports & Harbors



I-12 Widening (US 190 – LA 59)

LADOTD requested professional engineering and related services to widen I-12 from US 190 and LA 59 from four to six lanes. TBS is serving as the prime consultant for LADOTD on this interstate widening project which consists of approximately four miles of interstate widening to the median side in St. Tammany Parish, LA. The project also includes widening and rehabilitating eight bridge sites. TBS performed roadway design, including widening and reconstruction; design of bridge widening for the Pontchitalawa Creek and Tammany Trace bridges; environmental support; level 4 traffic management plans; and associated tasks.



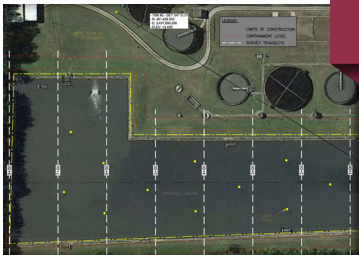
Bogue Falaya River Modeling

St. Tammany Parish and the Greater Covington area were experiencing major flooding due to the frequent rise of the Bogue Falaya River. TBS performed hydrologic and hydraulic modeling as well as topographic surveying services of the 85,000-acre Bogue Falaya drainage basin in an effort to develop an engineering solution to lessen flooding impacts to St. Tammany Parish and the Greater Covington area. The solution includes potential channel improvements and master planning a series of regional detention ponds located at strategic locations throughout the Bogue Falaya drainage basin.



Eastbound West Esplanade Avenue Restoration (Tartan Drive to Haring Road)

The eastbound lanes of West Esplanade Avenue between Tartan Drive and Haring Road were in less-than-desirable condition due to general wear and tear, various patch repairs and the overall age of the roadway. TBS completed design of the improvements and coordinated the public bid of the project in collaboration with the Road Bond Program Manager and Jefferson Parish. TBS provided Construction Administration services throughout the construction and closeout of the project. Additionally, TBS performed the topographic survey of the site and coordinated with the Jefferson Parish Engineering Department who designed significant waterline improvements as part of the project.



North Thibodaux Wastewater Treatment Facility

TBS conceptualized sewerage flows for land areas around the City of Thibodaux, determined central lift station locations and force main routes that could be used to transport additional sewage, and studied the need for new or expanded treatment facilities. Engineers studied four quadrants of land, estimating that nearly 17,000 acres could be considered developable. In addition, TBS installed a Geographic Information System (GIS) to serve as a database for the existing infrastructure. TBS designed three new sewer force mains to redirect all sewer flows north of Bayou Lafourche to the newly designed 1.5 MGD North Thibodaux Wastewater Treatment Facility.



Reach E Water Control Structures

The Reach E Water Control Structures project consisted of constructing twin flood control structures through Falgout Canal Road spaced approximately 1.25 miles apart. Each structure consists of seven 6-foot by 6-foot concrete culverts laid across a pile supported concrete pad. The goal of this project was to introduce freshwater to the southern basin while providing flood protection to the communities inside the Morganza to the Gulf Interim Flood Risk Reduction System. TBS was involved from project conception through construction, providing overall project management, professional topographic and hydrographic surveys, environmental services, engineering design.

LOCATIONS

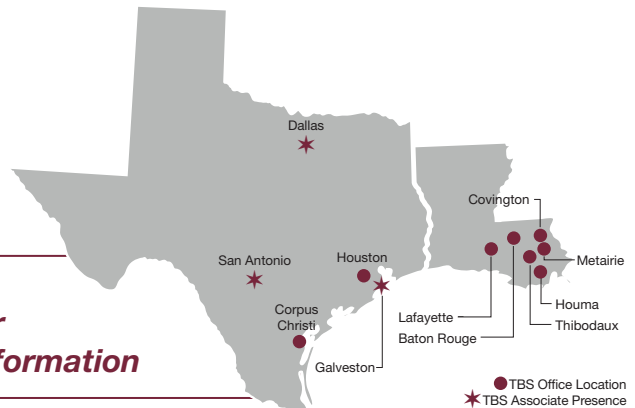
Lafayette, Louisiana.....	337.735.2800
Baton Rouge, Louisiana.....	225.744.2100
Thibodaux, Louisiana.....	985.446.7970
Covington, Louisiana.....	985.302.0730
Metairie, Louisiana.....	504.323.3460
Houston, Texas.....	281.240.0113
Corpus Christi, Texas.....	361.334.5719

CORPORATE HEADQUARTERS*

412 South Van Avenue
P. O. Box 2266 (70361)
Houma, Louisiana 70363
Tel: 985.868.1050



**Scan for
more information**



● TBS Office Location
★ TBS Associate Presence