The Bayou Bridge Pipeline currently delivers multiple grades of crude oil from terminal hub facilities in Nederland, Texas, to terminal facilities and refineries in Lake Charles, Louisiana. The approximately $750 million expansion currently underway will allow the Bayou Bridge Pipeline to connect to an existing market hub in St. James, Louisiana. The new segment of the Bayou Bridge Pipeline will consist of approximately 163 miles of buried 24-inch pipe and will run from Lake Charles, Louisiana, to St. James, Louisiana. Crude from the St. James terminaling facilities will then be redistributed to refineries located throughout the Louisiana gulf coast region.

The pipeline will provide Gulf Coast refineries more efficient and sustainable access to North American crude oil and will help to diversify the supply of crude available. The pipeline will also enhance our country’s ability to deliver refined products to various consumers and decrease our reliance upon less stable foreign sources.

**BENEFITS TO THE COMMUNITY**

The Bayou Bridge Pipeline is an energy infrastructure investment that will provide jobs to Louisianans and generate revenue to local and state tax authorities. The project is estimated to provide the following local benefits:

- The jobs created by the project will bring Energy Transfer’s family of companies total employment in the state to more than 600.
- The pipe used to construct the project was made 100% in the United States by the Stupp Corporation, a Baton Rouge-based company, continuing our company’s long-standing commitment to support American jobs.
- The pipeline will reduce the dependence on less efficient truck, rail and waterborne crude oil transportation, thereby reducing the current carbon footprint and increasing the overall safety to the public and environment.
- The average salary range for permanent employees for the operations of the project will be between $65,000 - $95,000 that will help support local Louisiana families.

Bayou Bridge Pipeline will generate revenue to the state and local communities from spending associated with the construction workforce utilizing local hotels, eating at local restaurants, and purchasing goods and services from local businesses. Additional spending will occur for skilled and nonskilled labor associated with professional services such as engineering, real estate, legal services and surveying. This investment and resultant increase in jobs for the local and regional workforce translates into long-term wages and salaries that in turn, result in increased income tax revenues to the state and local communities. Another benefit includes the property taxes that will be generated by the project and paid annually to the state. In the first year of operation, Bayou Bridge Pipeline will pay approximately $1.8 million in property taxes across the entire route.
ENVIRONMENTAL COMMITMENT

Bayou Bridge Pipeline is committed to ensuring the long-term integrity of the region’s unique environment and will take extra precaution by using specialized construction techniques where practicable. Building a new state-of-the-art pipeline system and updating the area’s energy infrastructure is important for safe and reliable crude transportation.

- Approximately 88% of the pipeline, including the entire crossing of the Atchafalaya Basin, will parallel existing infrastructure such as other pipelines, power lines and roads.
- Reduction of the construction corridor from 100 feet in uplands to 75 feet in wetlands.
- Reduction of the permanent maintained easement from 50 feet in uplands to 30 feet in forested wetlands.
- Specialized low-weight-bearing equipment and materials to reduce soil compaction and rutting.
- The pipeline will install buoyancy control devices, such as concrete pipe coating.
- Increased pipe cover of at least 5 feet for waterbody crossings and public road drainage ditches and 4 feet through industrial, commercial or residential areas.
- The project will result in no net loss of waters, including wetlands.
- Construction of the major above-ground facilities are wholly in uplands.
- All mainline valves located in wetland areas are on piers to avoid filling waters of the wetlands.
- The project will not affect any threatened or endangered species, per the U.S. Fish and Wildlife Service.

LOUISIANA-BASED VENDORS

More than $35 million has been paid to Louisiana-based companies for the purchase of major materials needed for the construction of the project. This will create more jobs and economic stimulation secondary to the direct and primary revenue generated by the construction and operation of the pipeline.

Local vendors include:
- Stupp Corporation – sourcing the steel fabrication and providing storage and logistics for the pipe until placed in the ground.
- TRC Solutions – providing civil survey and engineering design services.
- Quality Marine Services – will supply and operate airboats as needed for the project.
- Sunland Corporation – will construct the portion through the Atchafalaya Basin.

PROJECT TIMELINE

Phase 1
Nederland to Lake Charles segment went into service
April 2016

Phase 2
Lake Charles to St. James anticipated to be complete by the second half of 2018

For additional information on the project, visit: bayoubridge.com.
SAFETY

Pipelines are the safest, most efficient method of transporting natural resources, according to data from the U.S. Department of Transportation.

The Bayou Bridge Pipeline project is committed to the safety of the community, workers and the environment during construction and operation of the pipeline. Using advanced technology and a proven safety design, the project has added features that exceed federal requirements and will ensure the least impact to the environment and local communities along the route. The above-and-beyond safety measures for Bayou Bridge include the following:

- Each and every pipe undergoes multiple integrity and quality testing during the pipe formation, including added inspections at the pipe mill, all the way up to the mainline hydrostatic test to ensure 100% integrity prior to any crude oil being placed into the pipeline.
- The entire pipeline will be tested with water under higher-than-normal pressure and regulation devices will be installed to prevent pressure from exceeding safe limits.
- State-of-the-art technology, Supervisory Control and Data Acquisition (SCADA) system, will provide real-time pressure, flow rate and other data to trained pipeline controllers who will continuously monitor the pipeline and will be able to remotely close valves and stop pump stations within minutes.
- The SCADA system also will continuously monitor the pipeline for leak detection using compensated mass balance software and real-time data.
- Use of mainline valves with motorized actuators that can be remotely closed to isolate pipeline segments as needed within minutes, and allows all mainline valves to qualify as Emergency Flow Restriction Devices (EFRD).
- Safety teams will fly over the pipeline route weekly, weather permitting, for visual inspections.
- The pipeline will be monitored and controlled 24/7/365 by a full-time control room operations staff.
- Increased pipe wall thickness will be installed in sensitive areas, including under public roads, waterways and railroad crossings.
- Inspections of 100% of all welds by radiographic (x-ray) or ultrasonic means.
- Early implementation of a cathodic protection system to ensure long-term integrity of the pipeline.

SUPPORT FOR THE PROJECT

To date, Bayou Bridge Pipeline has received letters of support from the following people or groups:

**Louisiana Governor John Bel Edwards** – Endorsed the project on his monthly radio show

**Vermillion Parish Police Jury President Ronald Darby**

**Bob Hensgens** – Louisiana House of Representative, District 47

**Nancy Landry** – Louisiana House of Representatives, District 31

**Stephen Dwight** – Louisiana House of Representatives, District 35

**Stuart Bishop** – Louisiana House of Representatives, District 43

**Beryl Amedee** – Louisiana House of Representatives, District 51

**Chad Brown** – Louisiana House of Representatives, District 60

**Mike Danahay** – Louisiana House of Representatives, District 33

**Mark Abraham** – Louisiana House of Representatives, District 36

**Johnny Guinn** – Louisiana House of Representatives, District 37

**Norby Chabert** – Louisiana Senator, Chairman of the Senate Natural Resources Committee

**Ronnie Johns** – Louisiana Senator

**Blade Morrish** – Louisiana Senator

**Hal McMillin** – Calcasieu Police Juror, District 14

**National Sheriff's Association**

**Independent Petroleum Association of America**

**Consumer Energy Alliance**

**Louisiana Association of Chamber of Commerce**

**Louisiana Propane Gas Association**

**Louisiana Oil and Gas Association**

**Lake Area Industry Alliance**

**JSW Steel**

**Stupp Corporation**

For additional information on the project, visit: bayoubridge.com.
Bayou Bridge continues to work with federal, state and local officials, as well as environmental and conservation groups to minimize impact on conservation easements and land in agricultural use. The project team has been coordinating with agencies with jurisdiction over the project for more than a year. Those groups include:

- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- Louisiana Department of Archeology (State Historic Preservation Office)
- Louisiana Department of Environmental Quality
- Louisiana Department of Natural Resources: Office of Coastal Zone Management
- Louisiana Department of Natural Resources: Atchafalaya Basin Program
- Louisiana Department of Wildlife and Fisheries

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