

# **US Army Corps of Engineers Maintained Navigation Projects In Louisiana**



Prepared by the  
Office of Multimodal Commerce  
Ports & Waterways Section

# **2017**



## SUMMARY

This report presents information about navigable waterways, locks, and other ancillary structures in Louisiana that are maintained by the US Army Corps of Engineers (USACE), the Louisiana Department of Transportation and Development (DOTD), and other agencies.

The report includes a brief overview of USACE Navigation projects in the state including the authority, location, purpose, and partners/sponsors for each project. Also included are basic data on ancillary structures in the system that are connected to USACE maintained waterways.

It is clearly noted when a structure is maintained by someone other than the USACE. The information contained in this report was obtained from various public sources, but primarily USACE personnel and publications. Special thanks to the New Orleans, Vicksburg, and Galveston Districts for their assistance in assimilating this data.



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**LOUISIANA'S USACE MAINTAINED  
NAVIGATION PROJECTS**

# AMITE RIVER AND BAYOU MANCHAC

**Project Manager:** Ray Newman

**Authority:** River and Harbor Act of January 21, 1927

**Partners & Sponsors:** Livingston Parish Police Jury; Ascension Parish Police Jury; East Baton Rouge Parish and the City of Baton Rouge

## **Location**

The project is located in southeast Louisiana in the parishes of Ascension, East Baton Rouge, and Livingston.

## **Purpose**

A 7' deep by 60' wide navigation channel is maintained as necessary.

# AMITE RIVER AND BAYOU MANCHAC



# UPPER ATCHAFALAYA RIVER

**Project Manager:** Tim Connell

**Authority:** River and Harbor Act of 1968

**Partners & Sponsors:** Morgan City Harbor and Terminal District

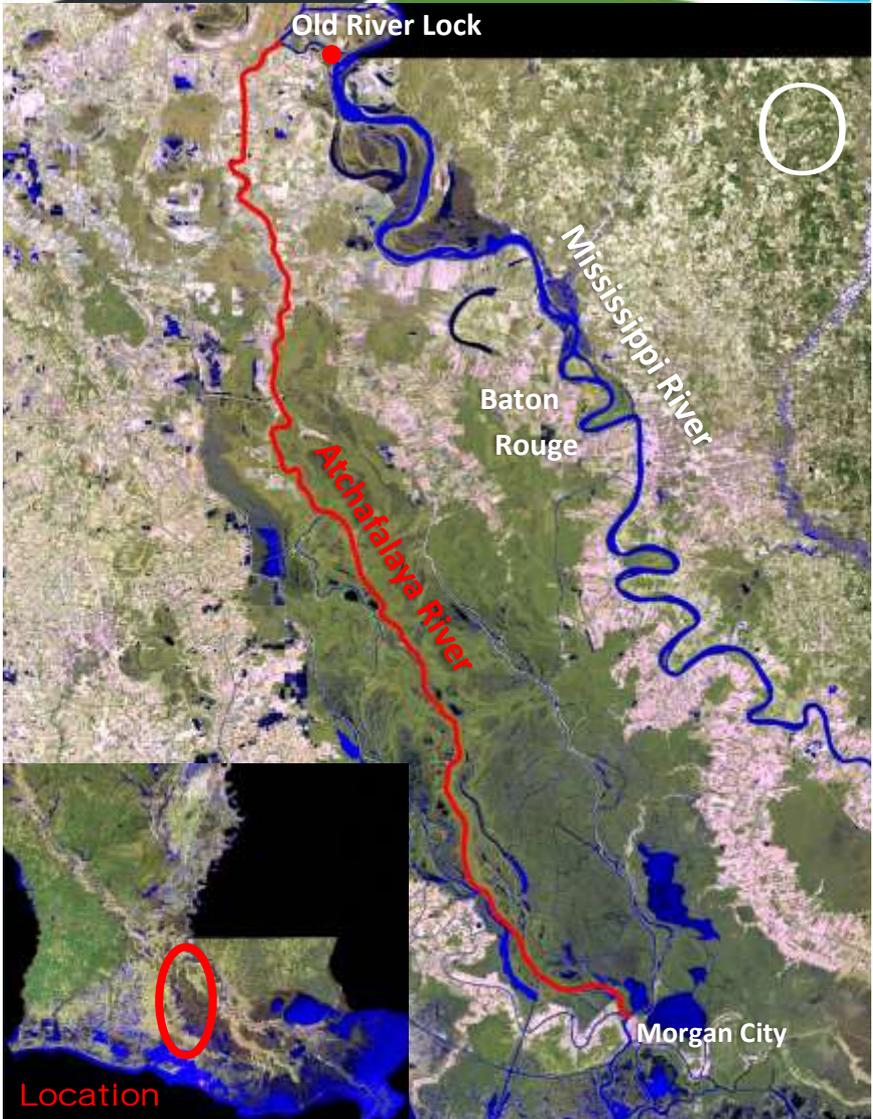
## **Location**

The project is located in south central Louisiana north of Morgan City, Louisiana in Assumption and St. Mary Parishes. It includes the Atchafalaya River and adjacent areas north of Morgan City.

## **Purpose**

The project provides a 12' deep by 125' wide navigation channel from the Mississippi River via Old River and the Atchafalaya River to Morgan City, Louisiana.

# UPPER ATCHAFALAYA RIVER



# LOWER ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF, & BLACK, LA

**Project Manager:** Tim Connell

**Authority:** River and Harbor Act of 1968

**Partners & Sponsors:** Morgan City Harbor and Terminal District

## **Location**

The project is located in south central Louisiana in the vicinity of Morgan City, Louisiana in St. Mary and Terrebonne Parishes. It includes the Atchafalaya River and adjacent areas south of Morgan City; Bayous Chene, Bouef, and Black and adjacent areas between the Atchafalaya River and Amelia, Louisiana; as well as Atchafalaya Bay and the Gulf of Mexico south of Morgan City.

## **Purpose**

The project provides a 20' deep by 400' wide navigation channel to provide an adequate navigation outlet for the major marine fabrication and repair facilities which build mobile offshore petroleum drilling rigs, and to provide shelters of refuge, for these rigs and related floating equipment, from Gulf storms and hurricanes.

# LOWER ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF, & BLACK, LA



# BARATARIA BAY WATERWAY & BAR CHANNEL, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of March 4, 1915;  
March 2, 1919; and July 3, 1958

**Partners & Sponsors:** Jefferson Parish Council, Grand Isle Port  
Commission (GIPC)

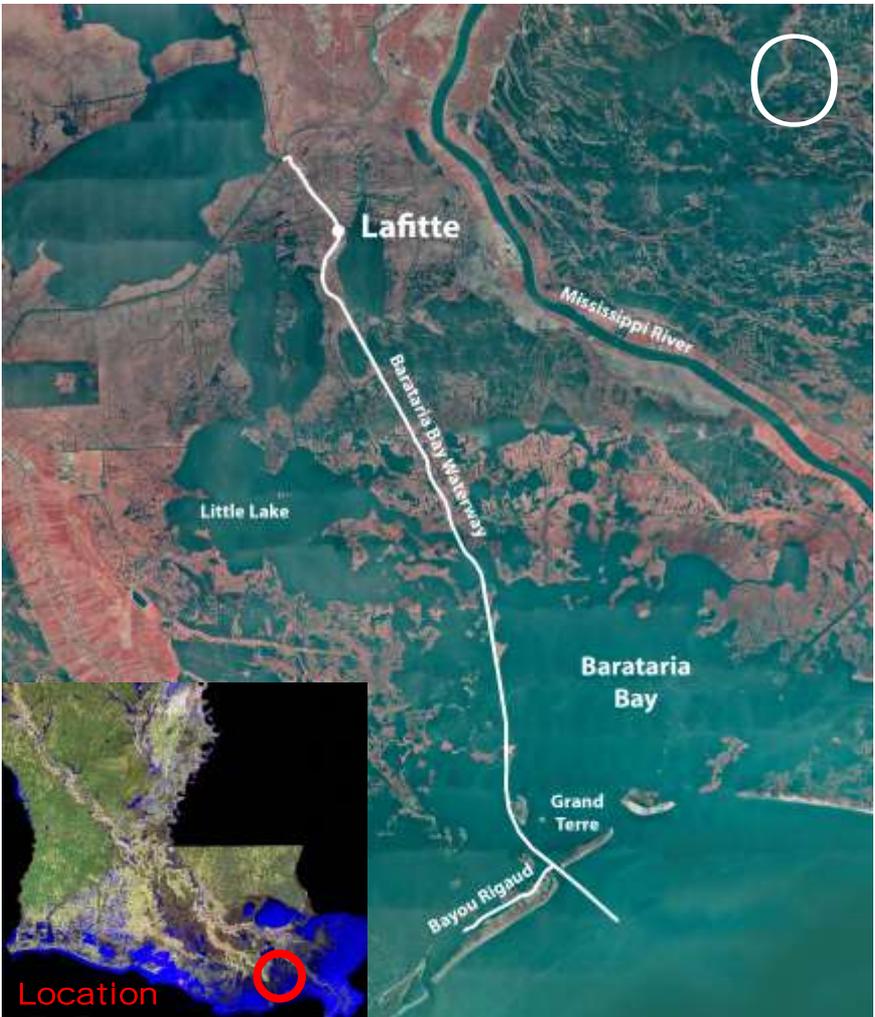
## **Location**

The project is located in southeast Louisiana in Jefferson Parish. It runs from the Gulf Intracoastal Waterway (GIWW) in the vicinity of Barataria south to the Gulf of Mexico.

## **Purpose**

The project provides a 12' deep by 125' wide navigation channel from the GIWW to Grand Isle. The Bar Channel is authorized to a 15' deep by 250' wide channel from Grand Isle to the -15' contour in the Gulf of Mexico. Also, Bayou Rigaud is a 12' deep by 125' wide channel.

# BARATARIA BAY WATERWAY & BAR CHANNEL, LA



# BATON ROUGE HARBOR/ DEVIL'S SWAMP, LA

**Project Manager:** Tim Connell

**Authority:** River and Harbor Act of July 24, 1946; transferred to MR&T in the Flood Control Act of June 1948; River and Harbor Act of October 23, 1962; and WRDA 1974, as amended (Section 12, Public Law 93-251)

**Partners & Sponsors:** Greater Baton Rouge Port Commission

## **Location**

The project is located in south central Louisiana in the vicinity of Baton Rouge, Louisiana in East Baton Rouge Parish.

## **Purpose**

The project provides a 12' deep by 200' wide (authorized to 300 ft. wide) slack water channel for barge traffic. It provides an industrial expansion area for the Port of Baton Rouge, and is 2.5 miles long, beginning at its junction with the Mississippi River (Miles 2.5 to 5 of the project were deauthorized in by WRDA 1974).

# BATON ROUGE HARBOR/ DEVIL'S SWAMP, LA



# BAYOU BONFOUCA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of January 21, 1927

**Partners & Sponsors:** St. Tammany Parish Police Jury

## **Location**

The project is located in southeast Louisiana in St. Tammany Parish near Slidell.

## **Purpose**

The project provides a 10' deep by 60' wide channel as a connection between Slidell and Lake Pontchartrain on which waterborne commerce serving existing manufacturing plants can be carried and over which vessels and barges can be moved to and from repair facilities and ship building yards.

# BAYOU BONFOUCA



# BAYOU DUPRE

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of August 26, 1937

**Partners & Sponsors:** St. Bernard Parish Police Jury

## **Location**

The project is located in southeast Louisiana in the vicinity of Violet, La. in St. Bernard Parish.

## **Purpose**

The project provides for a channel 6' by 80' from highway bridge at Violet to Lake Borgne, thence 6' by 100' to the 6' contour in the lake and a turning basin 100' by 200' at Violet. Length of improvement is approximately 7.3 miles. It provides easier access by commercial traffic so that more trade is attracted to the waterway and surrounding areas. Pleasure craft also profit from the improvement.

# BAYOU DUPRE



# BAYOUS LA LOUTRE, ST. MALO, AND YSCLOSKEY, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of 26 August 1937,  
modified 2 March 1945.

**Partners & Sponsors:** St. Bernard Parish Police Jury

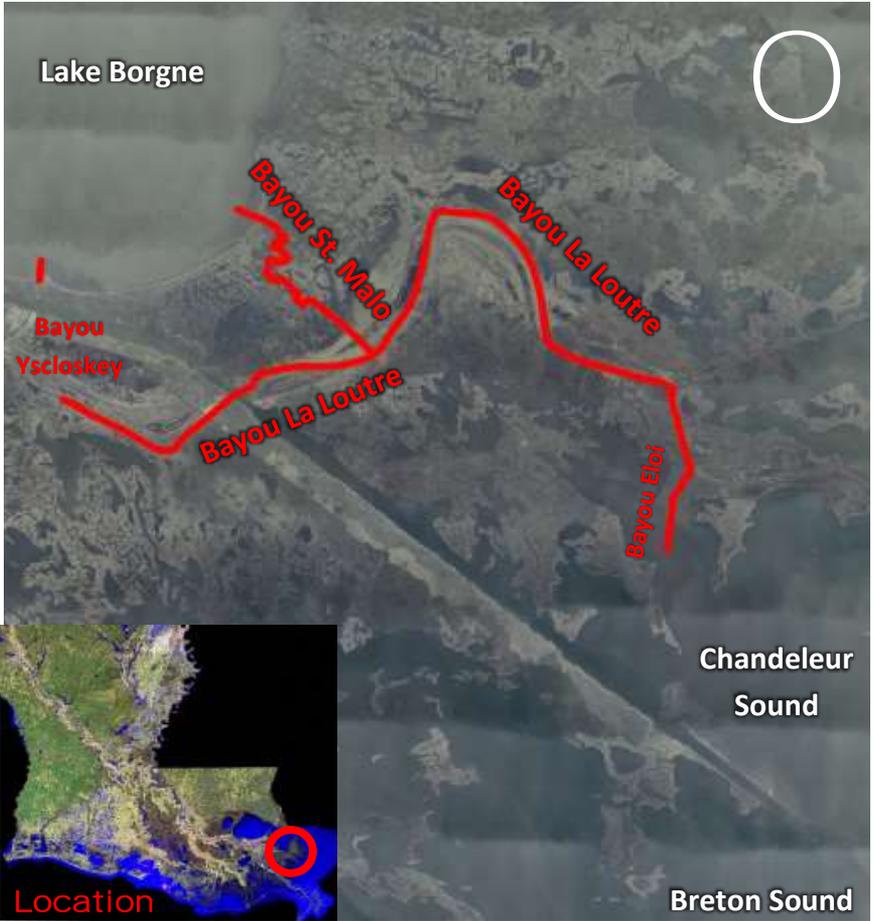
## **Location**

The project is located in southeast Louisiana near Lake Borgne in Plaquesmines and St. Bernard Parishes.

## **Purpose**

The project provides a channel 5' by 40' from deep water in Lake Borgne to the shore line at the mouth of Bayou Yscloskey; a channel 6' by 40' from deep water in Lake Borgne through Bayous St. Malo, La Loutre and Eloi to deep water in Lake Eloi; a channel 5' by 30' in Bayou la Loutre between Hopedale and Bayou St. Malo. The channels are maintained as necessary.

# BAYOUS LA LOUTRE, ST. MALO, AND YSCLOSKEY, LA



# BAYOU LACOMBE, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of August 30, 1935

**Partners & Sponsors:** St. Tammany Parish

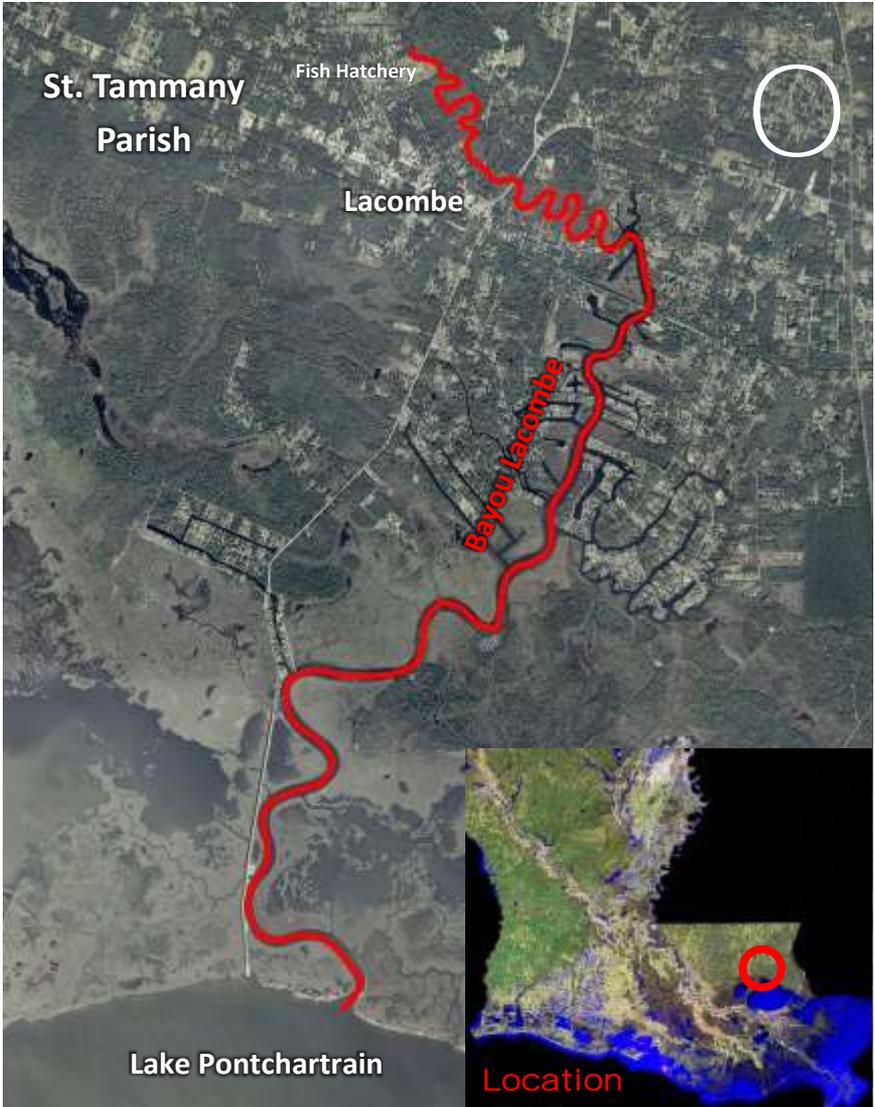
## **Location**

The project is located in southeast Louisiana near Lacombe, La. in St. Tammany Parish.

## **Purpose**

The project provides for a channel 8' by 50' through the entrance bar in Lake Pontchartrain, and removal of snags and overhanging trees to fish hatchery at mile 8.2. It provides water transportation to an area which was handicapped by a lack of economical means of transportation. Snagging and clearing have also greatly enhanced the waterway for recreational use.

# BAYOU LACOMBE, LA



# BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA (AUXILIARY CHANNEL)

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of August 30, 1935  
and July 14, 1960 and the Water Resources  
Development Act of 1996

**Partners & Sponsors:** Jefferson Parish & Lafourche Parish  
Police Jury

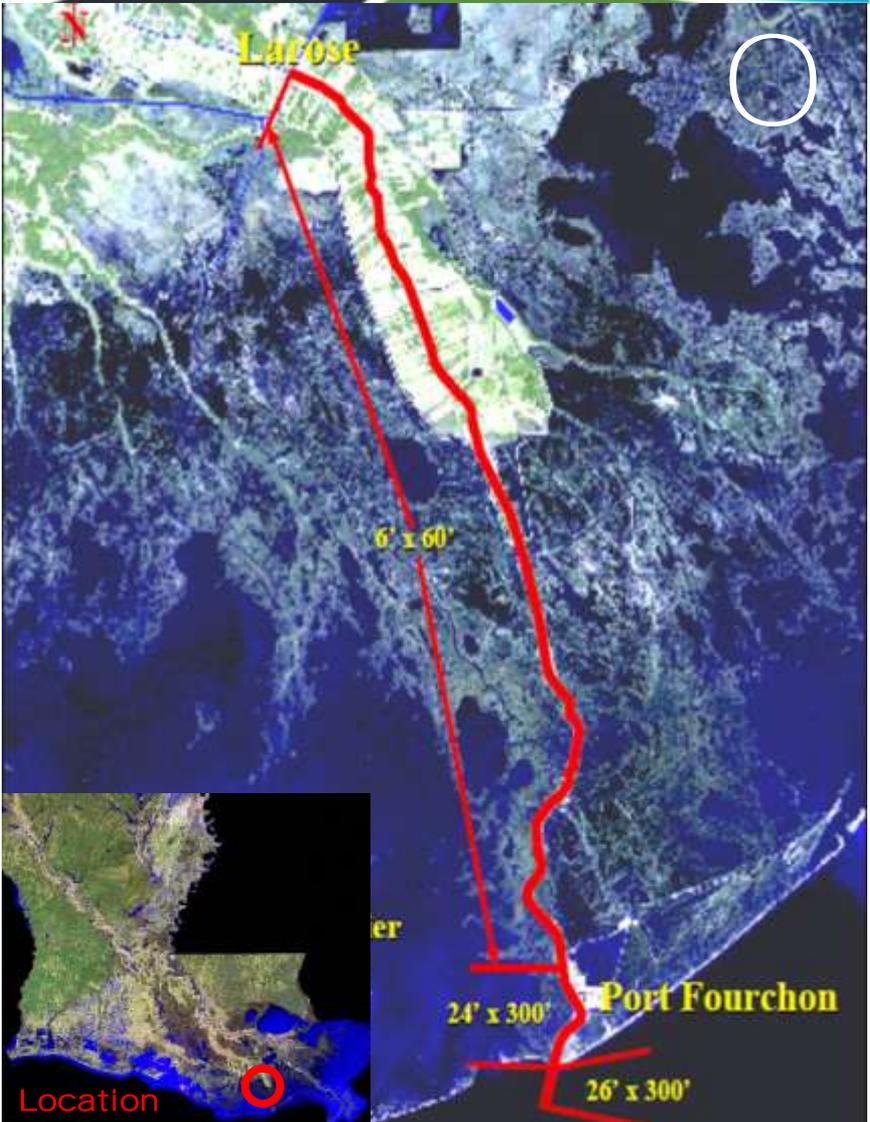
## **Location**

The project is located in southeast Louisiana in Lafourche Parish along Bayou Lafourche from its intersection with the GIWW in the vicinity of LaRose south to the Gulf of Mexico; the Lafourche Jump Waterway (Auxiliary Channel) rejoins Bayou Lafourche near Leeville.

## **Purpose**

The project provides a 24' deep x 300' wide channel from Inland Reach Mile 3.4 to Mile 0.0 and a 26' deep x 300' wide channel from Bar Channel Mile 0.0 to Mile -1.8.

# BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA (AUXILIARY CHANNEL)



# BAYOU SEGNETTE WATERWAY, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of September 3, 1954

**Partners & Sponsors:** Jefferson Parish Economic Development  
Commission JEDCO

## **Location**

The project is located in southeast Louisiana, south of New Orleans, La. in Jefferson Parish.

## **Purpose**

The project provides for a channel 9' deep and 60' wide at mean low gulf from Company Canal at Westwego, LA to the Gulf Intracoastal Waterway via Bayou Segnette, a land cut, and Bayou Villars. Length of improvement is approximately 12.2 miles. It affords a shorter and more direct route for navigation, such as for the larger and modern fishing and shrimping boats to the packing and canning industries.

# BAYOU SEGNETTE WATERWAY, LA



# BAYOU TECHE, LA

**Project Manager:** Tracy Faulk

**Authority:** River and Harbor Act of June 26, 1934

**Partners & Sponsors:** Iberia Parish Police Jury; St. Mary Parish Police Jury

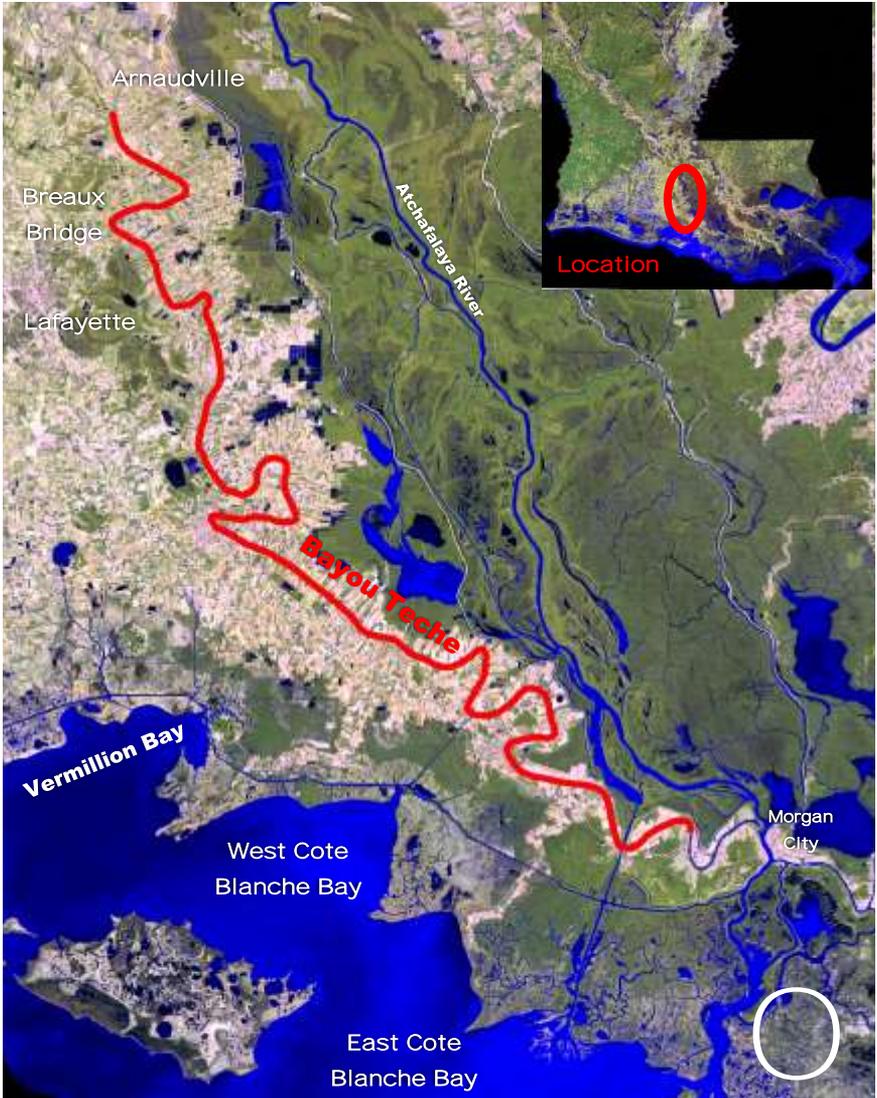
## **Location**

The project is located in south central Louisiana from the Town of Arnaudville to the mouth of the Lower Atchafalaya River in the Parishes of St. Martin, Iberia, and St. Mary.

## **Purpose**

The project provides a 6' deep by 50' channel between the Town of Arnaudville and the Keystone Lock and Dam near New Iberia, and an 8' deep by 80' wide channel south of the Keystone Lock and Dam.

# BAYOU TECHE, LA



# BAYOU TECHE AND VERMILION RIVER, LA

**Project Manager:** Tracy Faulk

**Authority:** Flood Control Act of August 18, 1941

**Partners & Sponsors:** Iberia Parish Police Jury; Lafayette Police Jury; St. Landry Parish Police Jury; St. Martin Parish Police Jury; Vermilion Parish Police Jury

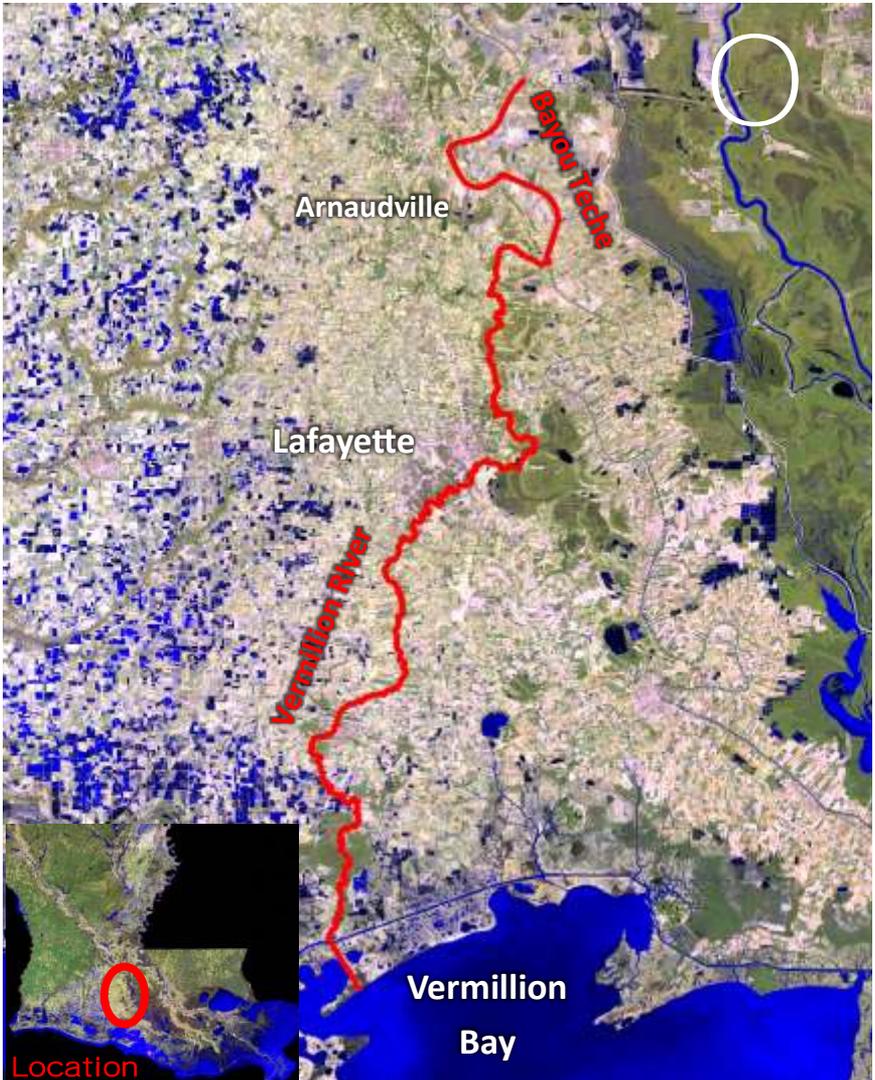
## **Location**

The project is located in south central Louisiana along Bayou Teche, Bayou Fusilier, and the Vermilion River in the vicinities of Port Barre, Arnaudville, and Lafayette in St. Landry, Lafayette, St. Martin, and Vermilion Parishes.

## **Purpose**

The project provides a 9' deep by 100' wide shallow-draft navigation channel from Vermilion Bay to Lafayette. The project also provides improved flood control from Port Barre to the Vermilion Bay via Bayou Teche, Bayou Fusilier, and the Vermilion River.

# BAYOU TECHE AND VERMILION RIVER, LA



# BAYOU TERREBONNE, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of March 4, 1913 and  
River and Harbor Act of September 8, 1959

**Partners & Sponsors:** Terrebonne Parish Consolidated  
Government

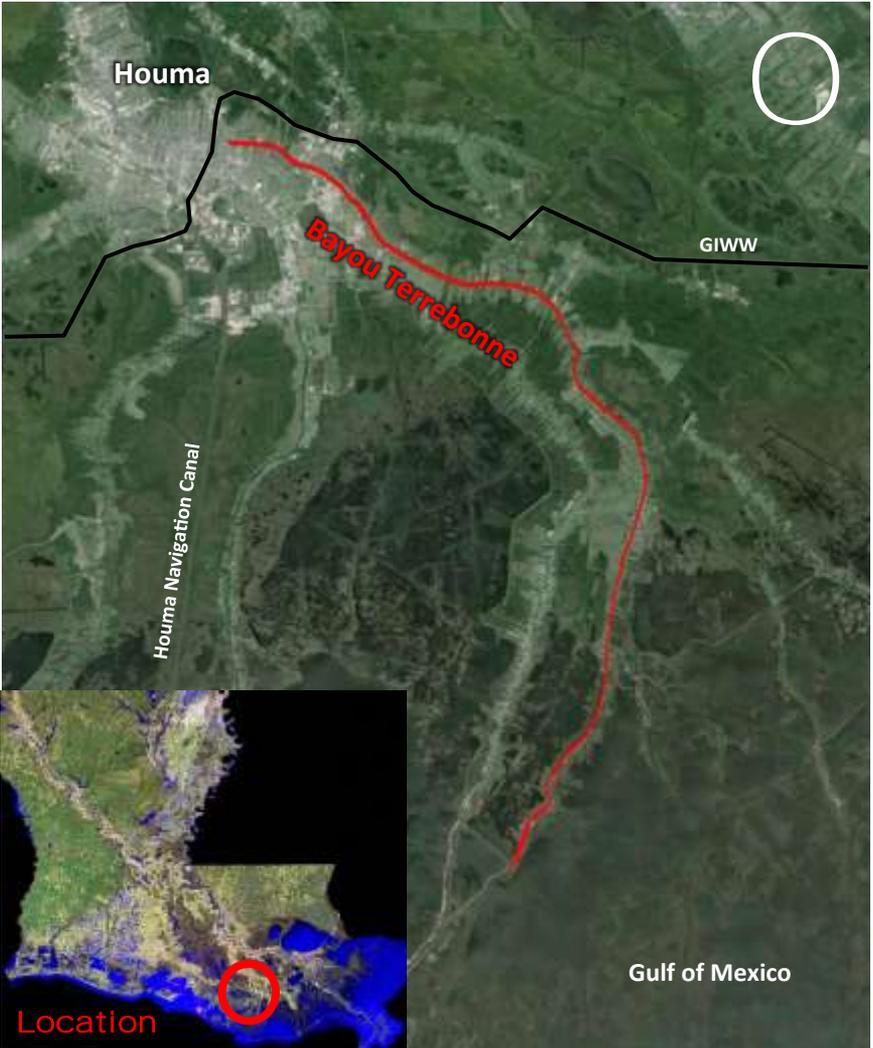
## **Location**

The project is located in southeast Louisiana near Houma, La. in Terrebonne Parish.

## **Purpose**

The project provides for a channel 6' deep and of suitable width from Bush Canal, (mile 12.9 from mouth of Bayou), to St. Louis Cypress Company bridge at Houma. Length of improvement is approximately 24.1 miles. The project channel, west of Barrow Street in Houma, LA, was deauthorized by River and Harbor Act of 8 September 1959.

# BAYOU TERREBONNE, LA



# BERWICK BAY HARBOR, LA

**Project Manager:** Tim Connell

**Authority:** Flood Control Act of September 3, 1954  
Senate Report 92-923 on the Public Works  
Appropriation Bill for Fiscal Year 1973

**Partners & Sponsors:** Morgan City Harbor and Terminal District

## **Location**

The project is located in south-central Louisiana in Morgan City, La., St. Mary Parish.

## **Purpose**

The project provides a 12' deep by 125' wide channel 25' from face of the docks in Morgan City and along Bayou Boeuf, and an 8' depth in the Berwick Lock Forebay.

# BERWICK BAY HARBOR, LA



# CALCASIEU RIVER AND PASS, LA

**Project Manager:** Tracy Faulk

**Authority:** River and Harbor Act of July 24, 1946, July 14, 1960, and October 23, 1962; House Public Works Committee on December 15, 1970 , and Senate Public Works Committee on December 27, 1970

**Partners & Sponsors:** Lake Charles Harbor & Terminal District  
(Port of Lake Charles)

## **Location**

The project is located in southwest Louisiana from the Lake Charles Harbor south to the Gulf of Mexico along the Calcasieu River in Calcasieu and Cameron Parishes.

## **Purpose**

The project provides a 40' deep by 400' wide deep-draft navigation channel with a 42' deep by 800' wide approach in the Gulf of Mexico. There is also a 40' deep, 750' by 1,000' turning basin north of Clooney Island.

# CALCASIEU RIVER AND PASS, LA



# FRESHWATER BAYOU, LA

**Project Manager:** Tracy Faulk

**Authority:** River and Harbor Act of July 14, 1960

**Partners & Sponsors:** Abbeville Harbor & Terminal District

## **Location**

The project is located in south central Louisiana, south of Esther, Louisiana in Vermilion Parish.

## **Purpose**

The project provides a 12' deep by 125' wide channel along Freshwater Bayou from the GIWW (mile 161.2 west of Harvey Lock) south to the Gulf of Mexico. The project also includes Freshwater Bayou Lock, which prevents saltwater intrusion into the Mermentau Basin; its dimensions are 84' wide, 600' long, and 16' deep.

# FRESHWATER BAYOU, LA



# GULF INTRACOASTAL WATERWAY, LA & TX

**Project Manager:** Victor Landry

**Authority:** River and Harbor Act of July 24, 1946 and October 23, 1962

**Partners & Sponsors:** Gulf Intracoastal (GICA) Canal Association, various Port Authorities, and local governing bodies (Parishes), American Waterways Operators (AWO)

## **Location**

The Gulf Intracoastal Waterway (GIWW) runs along the coast of Louisiana from the Sabine River at the Texas border to Lake Borgne Light No. 29 near the mouth of the Rigolets.

## **Purpose**

The project provides a 12' deep by 125' wide 384.1 miles long inland waterway, with the exception of the reach between Lake Borgne Light No. 29 and New Orleans where a width of 150' is provided.

The project also provides the following:

- 40.5 mi. alternate route, 9' deep by 100' wide between Lake Borgne Light No. 29 and New Orleans via Rigolets, Lake Pontchartrain and the Industrial Canal

## GULF INTRACOASTAL WATERWAY, LA & TX



- 9 mi. alternate connection with the Mississippi River below Algiers, 12' deep and 125' wide with a lock (Algiers Lock) and the river.
- A channel 9' deep by 100' wide from Indian Village via Bayou Plaquemine to Plaquemine.
- Improvement of Franklin Canal as a connecting channel from the GIWW (mile 121) to Franklin, La. with dimensions of 8' deep by 60' wide with its upper 300' having a width of 100 ft.
- The construction of the following locks:
  - Algiers Lock at Algiers, La.
  - Harvey Lock at Harvey, La.
  - Bayou Bouef Lock at mile 93.5 west of Harvey Lock
  - Leland Bowman Lock (saltwater guard lock) at mile 182.8 west of Harvey Lock
  - Calcasieu Lock (saltwater guard lock) at mile 238.5 west of Harvey Lock

(Continued...)

# GULF INTRACOASTAL WATERWAY, LA & TX

## Purpose (continued...)

River and Harbor Act of 1962 authorized modification:

- 16' deep by 150' wide channel from the Mississippi River to the Atchafalaya River via Algiers Canal, except in the vicinity of Houma, La.
- A by-pass route at Houma, La.
- 16' deep by 200' wide channel from the Atchafalaya River to the Sabine River



# GULF INTRACOASTAL WATERWAY—MORGAN CITY TO PORT ALLEN ALTERNATE ROUTE



**Project Manager:** Victor Landry

**Authority:** River and Harbor Act of July 24, 1946 and  
October 23, 1962

**Partners & Sponsors:** Louisiana DOTD

## **Location**

The Gulf Intracoastal Waterway (GIWW) - Morgan City to Port Allen Alternate Route runs roughly North to South in central Louisiana from Port Allen at the north end to Morgan City in the south.

## **Purpose**

The project provides a 12' deep by 125' wide alternate channel from Morgan City to Port Allen via the East Atchafalaya Basin Protection Levee borrow pit, Bayou Sorrell Lock, Lower Grand River and Bayou Plaquemine to Indian Village thence via Bayou Grosse Tete and a land cut to the Mississippi River passing through a terminal lock in the levee at Port Allen opposite Baton Rouge.

# HOUMA NAVIGATION CANAL, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of March 4, 1915,  
October 23, 1962, and August 23, 1973

**Partners & Sponsors:** Terrebonne Parish Consolidated  
Government

## **Location**

The project is located in southeast Louisiana in the vicinity of Houma, La. in Terrebonne Parish.

## **Purpose**

The project provides a 15' deep by 150' wide channel from the City of Houma south to the Gulf of Mexico (mile 11.0 to mile 0). Channel dimensions increase to 18' deep by 300' wide in the Gulf of Mexico from Mile 0 to the -18' contour.

# HOUMA NAVIGATION CANAL, LA



# LITTLE CAILLOU BAYOU, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of January 21, 1927

**Partners & Sponsors:** Terrebonne Parish Consolidated  
Government

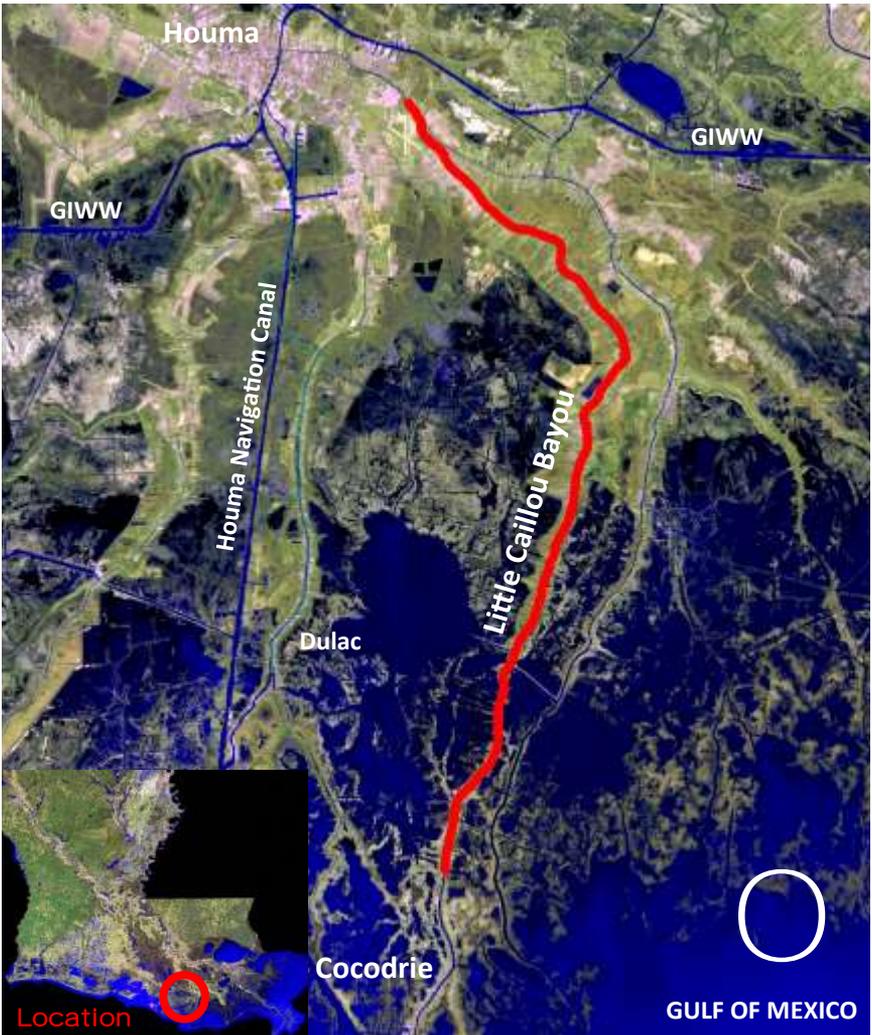
## **Location**

The project is located in southeast Louisiana between Houma and Cocodrie in Terrebonne Parish.

## **Purpose**

The project provides a 5' deep by 40' wide channel from Bayou Terrebonne to Robinson Canal, approximately a 20 mile improvement.

# LITTLE CAILLOU BAYOU, LA



# MERMENTAU RIVER, LA

**Project Manager:** Tracy Falk

**Authority:** Flood Control Act of August 18, 1941;  
River and Harbor Act of July 24, 1946; and  
Water Resources Development Act of 1976

**Partners & Sponsors:** Cameron Parish Police Jury

## **Location**

The project is located in south central to southwest Louisiana south of the GIWW in Vermilion and Cameron Parishes.

## **Purpose**

The project provides a 15' deep by 200' wide channel from Vermilion Bay through White Lake and Grand Lake then through the Mermentau River out to the Gulf of Mexico.

The project also provides for a 5' deep by 40' wide channel from White Lake to Pecan Island, a sector gate control structure in the Mermentau River at Catfish Point, mile 24, a sector gated structure in the enlarged channel near Schooner Bayou Lock, and enlargement of the North Prong of Schooner Bayou and Schooner Bayou Cut-off to a 6' deep by 60' channel.

# MERMENTAU RIVER, LA



# MICHOUD CANAL, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of August 13, 1968

**Partners & Sponsors:** Port of New Orleans

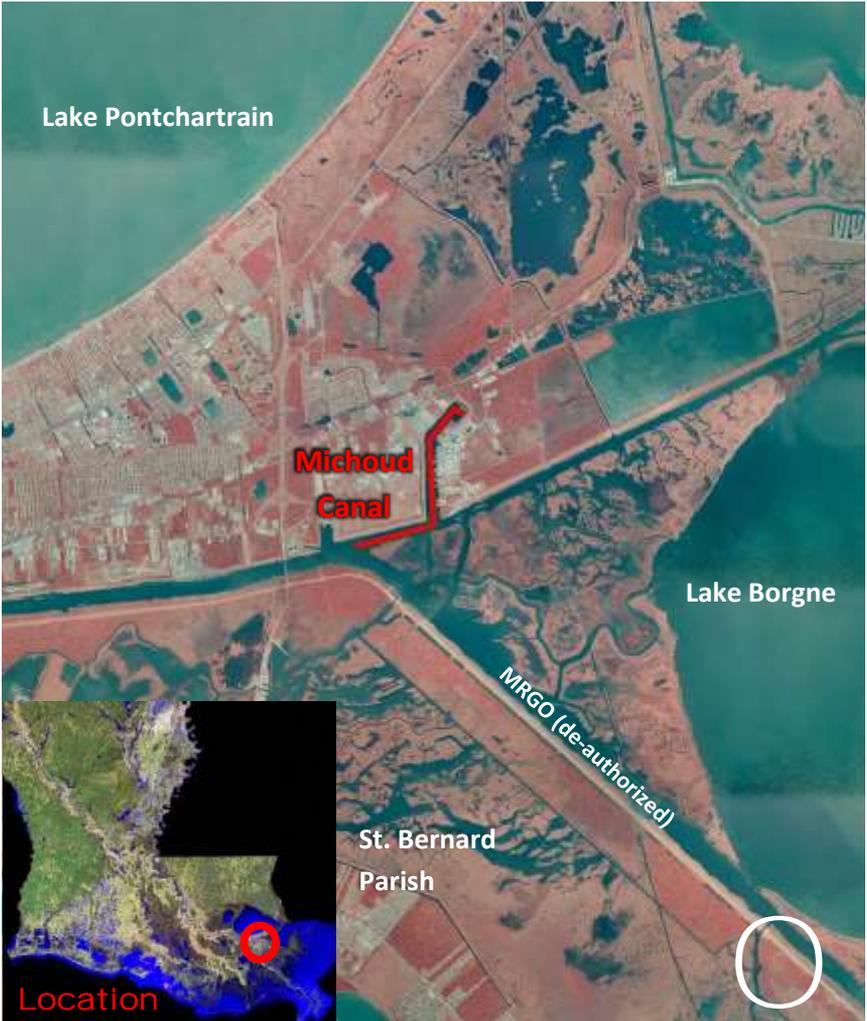
## **Location**

The project is located in southeast Louisiana in New Orleans, Orleans Parish.

## **Purpose**

The project provides a 36' deep by 250' wide channel along the GIWW from the MRGO into Michoud Canal.

# MICHOUD CANAL, LA



# MISSISSIPPI RIVER - BATON ROUGE TO THE GULF OF MEXICO, LA



**Project Manager:** Michelle Kornick

**Authority:** River and Harbor Acts of 1945 and 1962; Supplemental Appropriations Act of 1985; Water Resources Development Act of 1986; Water Resources Reform and Development Act of 2014; and Water Infrastructure Improvements for the Nation Act of 2016

**Partners & Sponsors:** Louisiana DOTD

## **Location**

The project is located in southeast Louisiana in the parishes of East and West Baton Rouge, Iberville, Ascension, St. James, St. John the Baptist, St. Charles, Jefferson, Orleans, St. Bernard, and Plaquemines.

## **Purpose**

The project provides a deep-draft navigation channel that is authorized to a depth of 55’.

In 2015 the USACE initiated a General Reevaluation Report (GRR) with a Supplemental Environmental Impact Statement to evaluate deepening the project to 50’. The GRR is scheduled for completion in March of 2018.

# MISSISSIPPI RIVER - BATON ROUGE TO THE GULF OF MEXICO, LA



The project is maintained to the following dimensions:

- Mile 233.8 to 232.4: 40' deep by 500' wide
- Mile 232.4 to 104.5 : 45' deep by 500' wide
- Mile 104.5 to 86.7 (NO Harbor): 35' deep by 1,500' wide and 45' deep by 750' wide
- Mile 86.7 to -18: 45' deep by 750' wide
- Mile -18 to -22: 45' deep by 600' wide

# MISSISSIPPI RIVER OUTLETS AT VENICE, LA (BAPTISTE COLLETTE & TIGER PASS)



**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of 1968

**Partners & Sponsors:** Plaquemines Parish Government

## **Location**

The project is located in southeast Louisiana in the vicinity of Venice, Plaquemines Parish.

## **Purpose**

The project provides two 14' by 150' navigation channels with entrance channels in open water of 16' deep by 250' wide. Baptiste Collette is the northeastern channel and Tiger Pass is the southwestern channel. The intent is to provide navigation access between Venice and the adjacent Gulf of Mexico as well as provide a shorter route between the east and west waters of the Gulf of Mexico.

# MISSISSIPPI RIVER OUTLETS AT VENICE, LA (BAPTISTE COLLETTE & TIGER PASS)



## OLD RIVER COMPLEX, LA

**Project Manager:** Russel Beauvais

**Authority:** Flood Control Acts of May 15, 1928, April 23, 1934, June 15, 1936, June 28, 1938, August 18, 1941, July 24, 1946, May 17, 1950, September 3, 1954, and October 23, 1962

**Partners & Sponsors:** U.S. Government

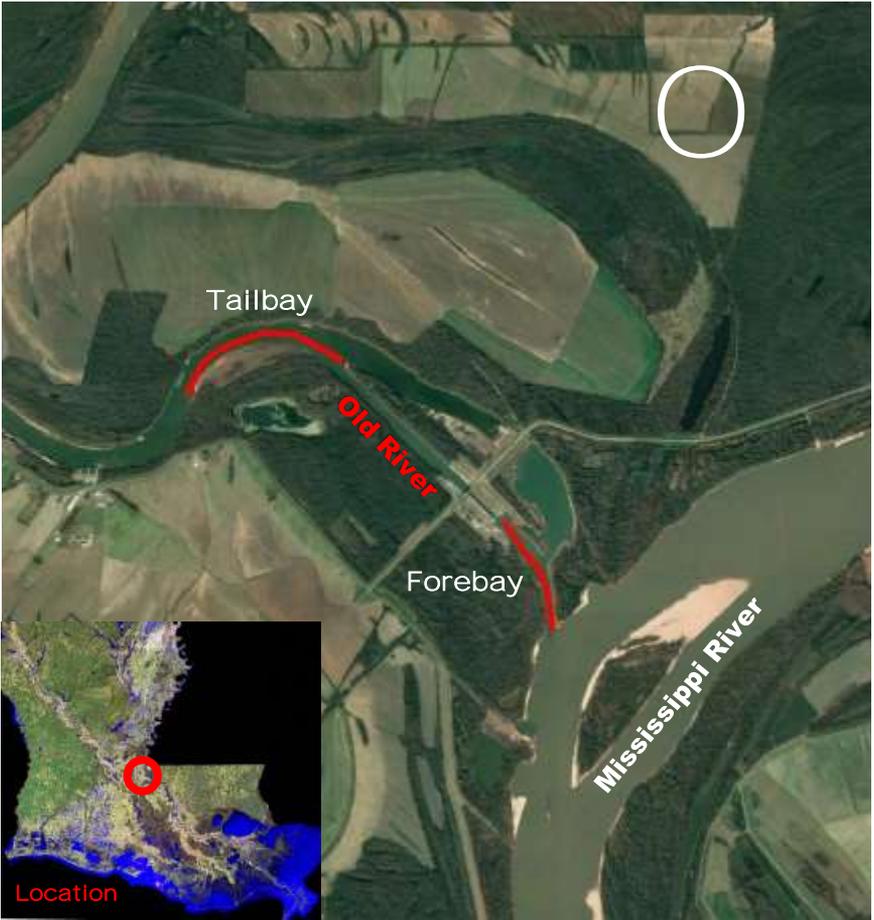
### **Location**

The project is located in southeast Louisiana in the vicinity of Baton Rouge, Pointe Coupee Parish.

### **Purpose**

The project provides a 12' deep by 125' wide navigation channel from the Mississippi River into the Atchafalaya River via Old River.

# OLD RIVER COMPLEX, LA



# OUACHITA RIVER & BLACK RIVER, LA

**Project Manager:** Tom Hengst

**Authority:** River and Harbor Acts of May 17, 1950,  
July 14, 1960, December 31, 1970, & 1980

**Partners & Sponsors:** Louisiana DOTD

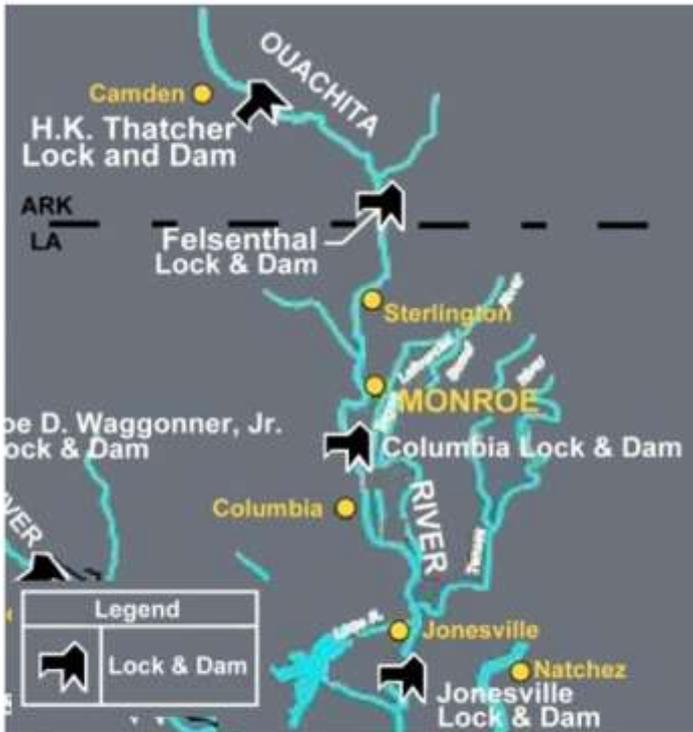
## **Location**

The project is located in northeast Louisiana (and southern Arkansas) in the parishes of Union, Morehouse, Ouachita, Caldwell, Catahoula, and Concordia. It spans a distance of approximately 337 miles from Camden, Arkansas to Jonesville, Louisiana where it converges with the Tensas and Little Rivers to form the Black River, which then continues 41 miles south where it meets the Red River.

## **Purpose**

The project provides a 9' deep by 150' wide navigation channel as well as four locks and dams, Jonesville and Columbia in Louisiana and Felsenthal and H.K. Thatcher in Arkansas.

# OUACHITA RIVER & BLACK RIVER, LA



map courtesy of Vicksburg District

## Ouachita-Black Navigation Project

# PETIT ANSE, TIGRE, & CARLIN BAYOUS, LA

**Project Manager:** Tracy Falk

**Authority:** River and Harbor Acts of March 2, 1945, June 30, 1948, and July 14, 1960

**Partners & Sponsors:** Iberia Parish Police Jury

## **Location**

The project is located in south-central Louisiana in the vicinity of Avery Island, Jefferson Island, and Delcambre, La. to the Gulf of Mexico through Vermilion Bay and the GIWW and Freshwater Bayou in Iberia and Vermilion Parishes.

## **Purpose**

The project provides a 9' deep by 80' wide navigation channel in Bayou Petit Anse from the GIWW to the north end of Avery Island and along Bayou Carlin to Lake Peigneu. The project then shrinks to 7' deep by 60' wide in Avery Canal from the GIWW to Vermilion Bay. The project also provides protection piers for a railway bridge crossing Bayou Carlin at Delcambre, La., and a 9' deep by 1,300' long by 125'-200' wide mooring area in Bayou Carlin just south of Delcambre, La.

# PETIT ANSE, TIGRE, & CARLIN BAYOUS, LA



# J. BENNETT JOHNSTON (RED RIVER) WATERWAY MS RIVER TO SHREVEPORT, LA

**Project Manager:** Tom Hengst

**Authority:** River and Harbor Act of 1968; Water Resources Development Act of 1976, 1986, 1988, and 1990; Public Law 98-181; Energy and Water Development Appropriations Act of 1990; and Water Development Appropriations Act of 1994

**Partners & Sponsors:** Red River Waterway Commission

## **Location**

The project is located in northwest and central Louisiana in the parishes of Caddo, Bossier, Red River, Natchitoches, Winn, Grant, Rapides, and Avoyelles.

## **Purpose**

The project provides a 9' deep by 200' wide channel which runs approximately 236 miles from the vicinity of Shreveport south to the juncture with the Mississippi River at the Old River Control Structure. It includes 5 locks: Lindy Claiborne Boggs Lock & Dam (RR L&D #1), John H. Overton Lock & Dam (RR L&D #2), Red River Lock & Dam #3, Russell B. Long Lock & Dam (RR L&D #4), and Joe D. Waggoner Lock & Dam (RR L&D #5).

# J. BENNETT JOHNSTON (RED RIVER) WATERWAY MS RIVER TO SHREVEPORT, LA



map courtesy of Vicksburg District

## J. Bennett Johnston Waterway Navigation Project

# SABINE NECHES WATERWAY, LA & TX

**Project Manager:** Byron Williams

**Authority:** River and Harbor Acts of 1885, 1905, 1912, 1935, 1946, 1962, and 1963; and Water Resources Development Act of 2014

**Partners & Sponsors:** The Sabine-Neches Navigation District

## **Location**

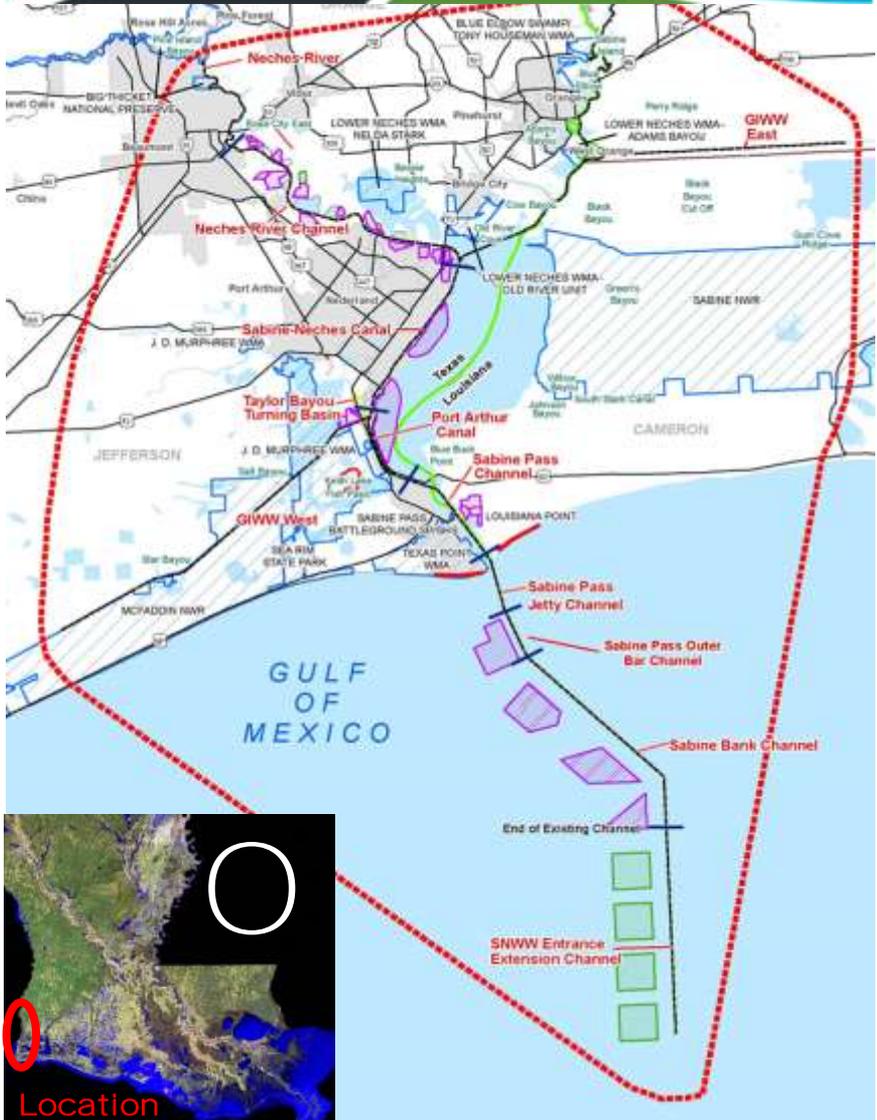
The project is located in southwest Louisiana on the Louisiana—Texas Border in Calcasieu and Cameron Parishes.

## **Purpose**

The project provides a jettied entrance channel, 42' deep and 500'-800' wide, from the Gulf of Mexico; a channel 40' deep and 400' wide to Beaumont via the Neches River; and a channel 30' deep and 200' wide to Orange via the Sabine River.

A channel improvement project was authorized in WRDA 2014 to deepen the entire channel from 40' to 48' from the Gulf of Mexico to Beaumont, widen from 500' to 700' from the Gulf to Port Arthur and construction of Turning Basins on the Neches River, and lengthen from 64 miles to 77 miles into the Gulf of Mexico.

# SABINE NECHES WATERWAY, LA & TX



# TANGIPAHOA RIVER, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Acts of 1960, 1965, 1972 and 1980

**Partners & Sponsors:** Tangipahoa Parish

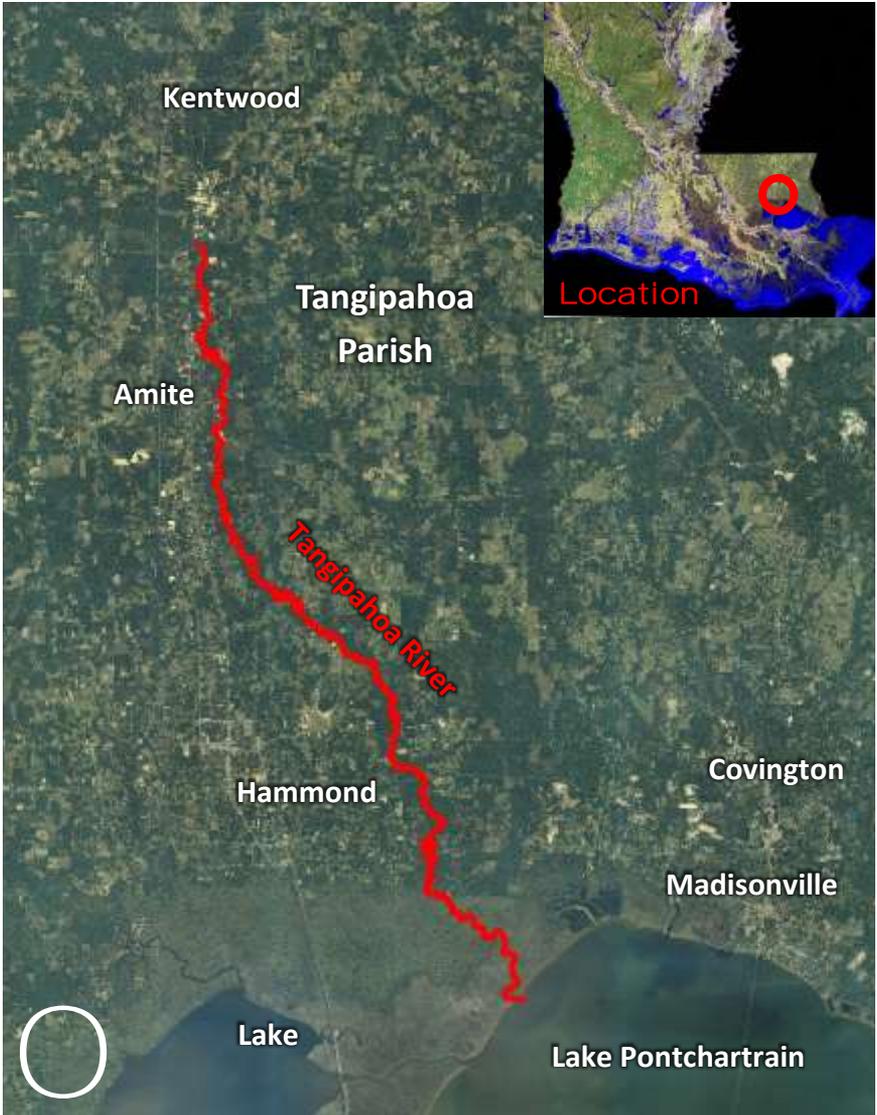
## **Location**

The project is located in southeast Louisiana in the Vicinity of Hammond in Tangipahoa Parish.

## **Purpose**

The project provides for non-dredging improvements such as clearing and snagging as well as an 8' deep by 100' wide bar channel.

# TANGIPAHOA RIVER, LA



# TCHEFUNCTE AND BOGUE FALAYA RIVERS, LA

**Project Manager:** Ray Newman

**Authority:** River and Harbor Acts of July 3, 1958

**Partners & Sponsors:** St. Tammany Parish Police Jury

## **Location**

The project is located in southeast Louisiana in the vicinity of Madisonville and Covington in St. Tammany Parish, La.

## **Purpose**

The project provides a 10' deep by 125' wide navigation channel from Lake Pontchartrain to Mile 3.5 of the Tchefuncte, and 8' deep channel from Mile 3.5 to the Bogue Falaya River.

# TCHEFUNCTE AND BOGUE FALAYA RIVERS, LA



# THREE RIVERS, LA

**Project Manager:** Tim Connell

**Authority:** Flood Control Acts of May 15, 1928, June 15, 1936, August 18, 1941, July 24, 1946, May 17, 1950, September 3, 1954, and October 23, 1962.

**Partners & Sponsors:** U.S. Government

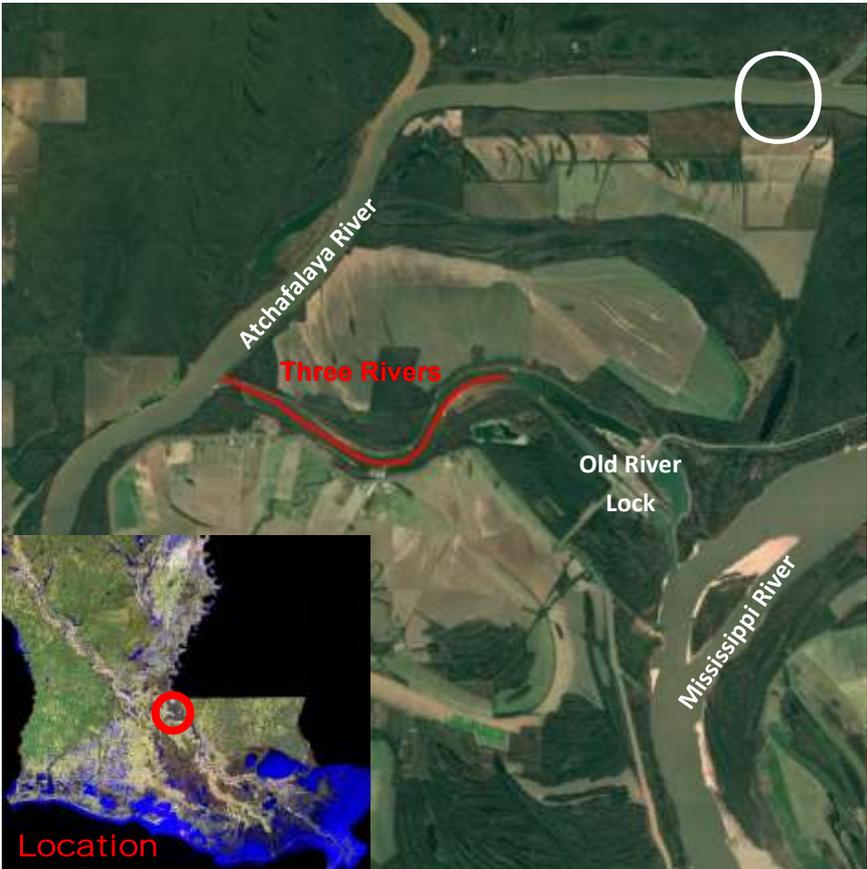
## **Location**

The project is located in central Louisiana in Pointe Coupee Parish.

## **Purpose**

The project provides a 12' deep by 125' wide navigation channel in Old River at its junction with Atchafalaya River.

# THREE RIVERS, LA



# TICKFAW, NATALBANY, PONCHATOULA, AND BLOOD RIVERS, LA



**Project Manager:** Ray Newman

**Authority:** River and Harbor Acts of March 3, 1981

**Partners & Sponsors:** Livingston Parish Police Jury and  
Tangipahoa Parish Police Jury

## **Location**

The project is located in southeast Louisiana in the parishes of Livingston and Tangipahoa.

## **Purpose**

The project provides for removal of obstructions in the Tickfaw River from mouth to Mile 26; in the Blood River from mouth to Mile 4.0; in the Natalbany and Ponchatoula River, a distance of 15.5 Miles. Mile 0.0 is at the mouth of each stream. Total length of improvement is 45.5 Miles.

# TICKFAW, NATALBANY, PONCHATOULA, AND BLOOD RIVERS, LA



# WATERWAY - EMPIRE TO THE GULF, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Act of July 24, 1946

**Partners & Sponsors:** Plaquemines Parish Government

## **Location**

The project is located in southeast Louisiana in the vicinity of Empire in Plaquemines Parish.

## **Purpose**

The project provides a 9' deep by 80' wide channel that runs from the State-Owned Lock (Empire Lock) south to the -6' contour in the Gulf of Mexico. The jetties are authorized to extend to the -9' contour if needed.

# WATERWAY - EMPIRE TO THE GULF, LA



# WATERWAY - INTRACOASTAL WATERWAY TO BAYOU DULAC, LA

**Project Manager:** Raymond Newman

**Authority:** River and Harbor Acts of August 30, 1935  
and October 23, 1962

**Partners & Sponsors:** Terrebonne Parish Consolidated  
Government

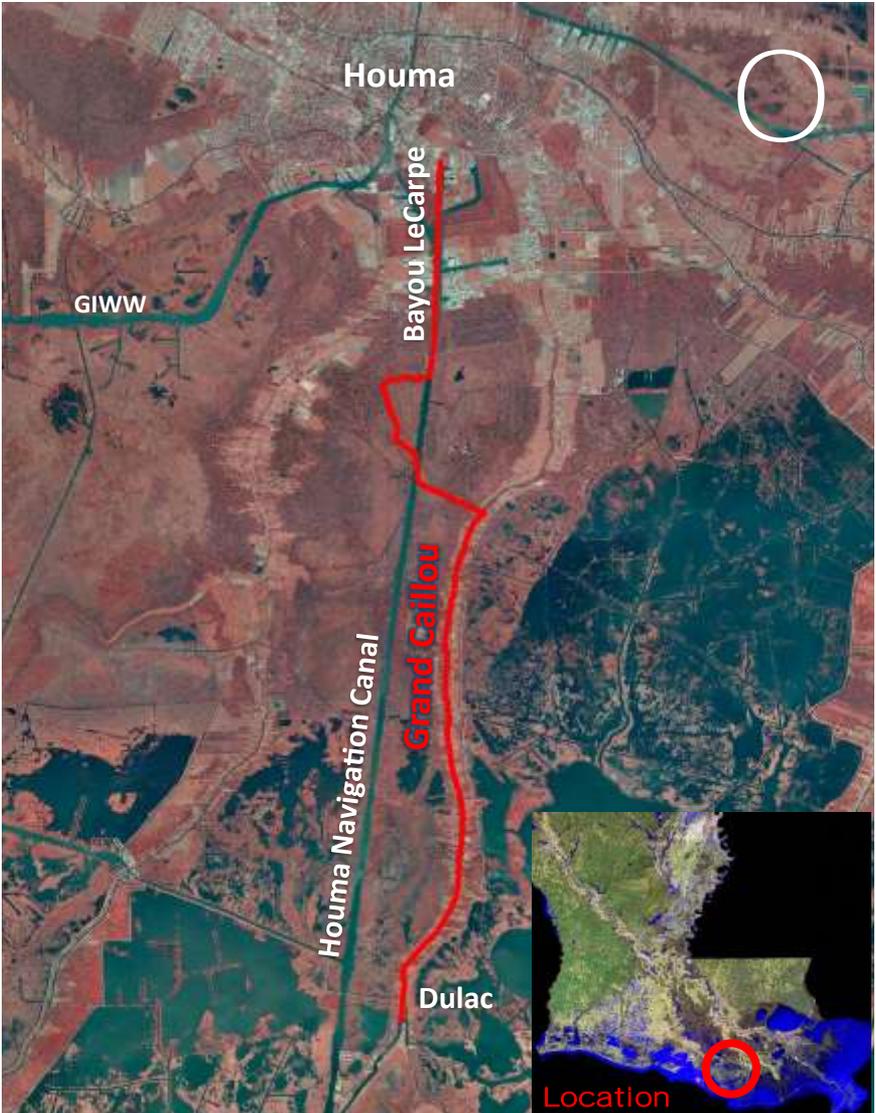
## **Location**

The project is located in southeast Louisiana in the vicinity of Houma in Terrebonne Parish.

## **Purpose**

The project provides a 5' deep by 40' wide channel maintained as necessary in Bayou Grand Caillou, and a 10' deep by 45' wide channel is maintained as necessary in Bayou Le Carpe.

# WATERWAY - INTRACOASTAL WATERWAY TO BAYOU DULAC, LA







**LOUISIANA'S USACE MAINTIANED LOCKS**

# ATCHAFALAYA RIVER

## Bayou Bouef Lock

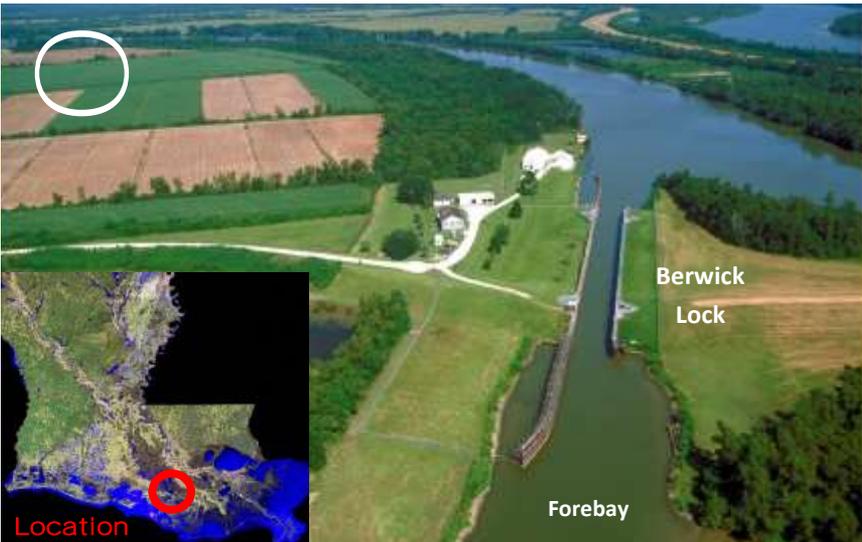
**Project Manager:** Tim Connell  
**Authority:** MR&T November 1, 1946  
**Lockmaster:** LaDon Champine  
**Gate Type:** Sector  
**Dimensions:** 75' x 1,148' (-13' sill depth)  
**Year Opened:** 1954  
**Waterway:** GIWW in St. Mary Parish



# ATCHAFALAYA RIVER

## Berwick Lock

<b>Project Manager:</b>	Tim Connell
<b>Authority:</b>	River and Harbor Act of July 24, 1946
<b>Lockmaster:</b>	Lennis Paray
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	45' x 300' (-9.8' sill depth)
<b>Year Opened:</b>	1951
<b>Waterway:</b>	Bayou Teche (Lower Atchafalaya) in St. Mary Parish



# FRESHWATER BAYOU

## Freshwater Bayou Lock

<b>Project Manager:</b>	Tracy Faulk
<b>Authority:</b>	River and Harbor Act of July 14, 1960
<b>Lockmaster:</b>	John Choate
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	84' x 600' (-16' sill depth)
<b>Year Opened:</b>	1968
<b>Waterway:</b>	Freshwater Bayou in Vermilion Parish



# GULF INTRACOASTAL WATERWAY (GIWW)

## Inner Harbor Navigation Canal (IHNC) Lock

<b>Project Manager:</b>	Victor Landry
<b>Authority:</b>	River and Harbor Acts of 1946 & 1956 and WRDA 1976, 1986, & 1996
<b>Lockmaster:</b>	Richard McKenzie
<b>Gate Type:</b>	Miter
<b>Dimensions:</b>	74' x 640' (-31.5' sill depth)
<b>Year Opened:</b>	1923
<b>Waterway:</b>	GIWW in New Orleans at the Bywater/ Lower 9th Ward in Orleans Parish



# GULF INTRACOASTAL WATERWAY (GIWW)

## Algiers Lock

<b>Project Manager:</b>	Victor Landry
<b>Authority:</b>	River and Harbor Act of July 24, 1946
<b>Lockmaster:</b>	Thomas Malone
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	75' x 780' (-13' sill depth)
<b>Year Opened:</b>	1956
<b>Waterway:</b>	GIWW in Orleans Parish



# GULF INTRACOASTAL WATERWAY (GIWW)



## Harvey Lock

**Project Manager:** Victor Landry  
**Authority:** River and Harbor Act of July 24, 1946  
**Lockmaster:** Greg Desselles  
**Gate Type:** Miter  
**Dimensions:** 75' x 415' (-12' sill depth)  
**Year Opened:** 1934  
**Waterway:** GIWW in Jefferson Parish



# GULF INTRACOASTAL WATERWAY (GIWW)

## Port Allen Lock

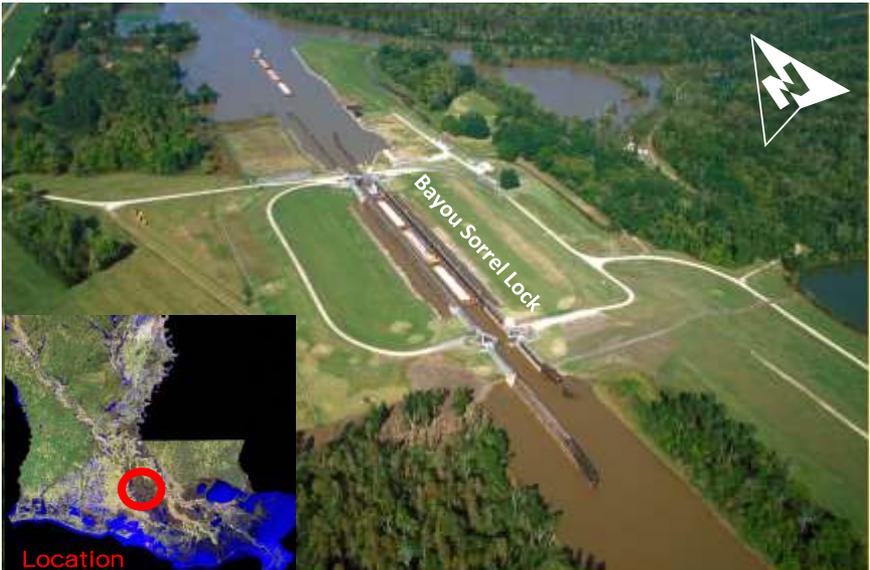
<b>Project Manager:</b>	Victor Landry
<b>Authority:</b>	River and Harbor Act of July 24, 1946
<b>Lockmaster:</b>	Adam McFarlain
<b>Gate Type:</b>	Miter
<b>Dimensions:</b>	84' x 1,088' (-13.75' sill depth)
<b>Year Opened:</b>	1961
<b>Waterway:</b>	GIWW at Baton Rouge in West Baton Rouge Parish on Morgan City/Port Allen alternate route



# GULF INTRACOASTAL WATERWAY (GIWW)

## Bayou Sorrel Lock

<b>Project Manager:</b>	Victor Landry
<b>Authority:</b>	River and Harbor Act of July 24, 1946
<b>Lockmaster:</b>	Brad Blanchard
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	56' x 790' (-14' sill depth)
<b>Year Opened:</b>	1951
<b>Waterway:</b>	GIWW in Iberville Parish on Morgan City/ Port Allen Alternate Route



# GULF INTRACOASTAL WATERWAY (GIWW)

## Leland Bowman Lock

**Project Manager:** Victor Landry  
**Authority:** River and Harbor Act of July 24, 1946;  
WRDA 1976  
**Lockmaster:** Jerry Stoute  
**Gate Type:** Sector  
**Dimensions:** 110' x 1,200' (-15' sill depth)  
**Year Opened:** 1934; 1985  
**Waterway:** GIWW at Abbeville in Vermilion Parish



# GULF INTRACOASTAL WATERWAY (GIWW)

## Calcasieu Lock

<b>Project Manager:</b>	Victor Landry
<b>Authority:</b>	River and Harbor Act of July 24, 1946
<b>Lockmaster:</b>	Kevin Galley
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	75' x 1,194' (-13' sill depth)
<b>Year Opened:</b>	1950
<b>Waterway:</b>	GIWW at Lake Charles in Calcasieu Parish



# J. BENNETT JOHNSTON (RED RIVER) WATERWAY MS RIVER TO SHREVEPORT, LA

## Lindy Claiborne Boggs Lock & Dam (RR Lock & Dam #1)

<b>Project Manager:</b>	Tom Hengst
<b>Authority:</b>	Public Law 90-483, 90th Congress, August 13, 1968
<b>Lockmaster:</b>	Barry Driggers
<b>Gate Type:</b>	Miter
<b>Dimensions:</b>	12' x 84' x 705'
<b>Year Opened:</b>	1984
<b>Waterway:</b>	Red River in Catahoula Parish



Photo courtesy of Vicksburg District

# J. BENNETT JOHNSTON (RED RIVER) WATERWAY MS RIVER TO SHREVEPORT, LA

## John H. Overton Lock & Dam (RR Lock & Dam #2)

<b>Project Manager:</b>	Tom Hengst
<b>Authority:</b>	Public Law 90-483, 90th Congress, August 13, 1968
<b>Lockmaster:</b>	Richard Daigrepoint
<b>Gate Type:</b>	Miter
<b>Dimensions:</b>	12' x 84' x 705'
<b>Year Opened:</b>	1986
<b>Waterway:</b>	Red River in Rapides Parish



Photo courtesy of Vicksburg District

# J. BENNETT JOHNSTON (RED RIVER) WATERWAY MS RIVER TO SHREVEPORT, LA

## Red River Lock & Dam #3

<b>Project Manager:</b>	Tom Hengst
<b>Authority:</b>	Public Law 90-483, 90th Congress, August 13, 1968
<b>Lockmaster:</b>	Jimmy Hayes
<b>Gate Type:</b>	Miter
<b>Dimensions:</b>	12' x 84' x 705'
<b>Year Opened:</b>	1992
<b>Waterway:</b>	Red River in Natchitoches Parish

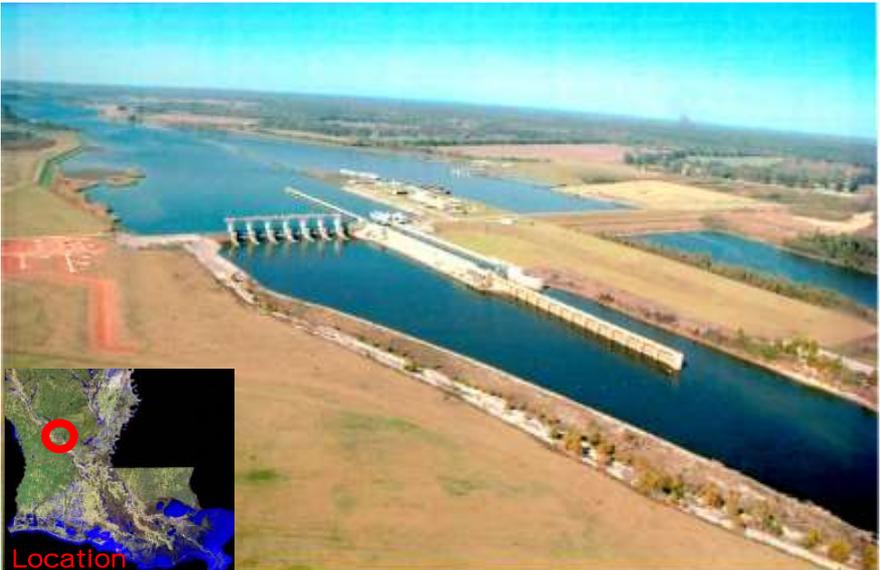


Photo courtesy of Vicksburg District

# J. BENNETT JOHNSTON (RED RIVER) WATERWAY MS RIVER TO SHREVEPORT, LA

## Russell B. Long Lock & Dam (RR L&D #4)

**Project Manager:** Tom Hengst  
**Authority:** Public Law 90-483, 90th Congress,  
August 13, 1968  
**Lockmaster:** David Fletcher  
**Gate Type:** Miter  
**Dimensions:** 12' x 84' x 705'  
**Year Opened:** 1994  
**Waterway:** Red River in Red River Parish



Photo courtesy of Vicksburg District

# J. BENNETT JOHNSTON (RED RIVER) WATERWAY MS RIVER TO SHREVEPORT, LA

## Joe. D. Waggoner Lock & Dam (RR Lock & Dam #5)

**Project Manager:** Tom Hengst  
**Authority:** Public Law 90-483, 90th Congress,  
August 13, 1968  
**Lockmaster:** Melton Gregory  
**Gate Type:** Miter  
**Dimensions:** 12' x 84' x 685' 705'  
**Year Opened:** 1994  
**Waterway:** Red River in Caddo Parish



Photo courtesy of Vicksburg District

# MISSISSIPPI RIVER

## Empire Lock \*DOTD Maintained\*

**Project Manager:** John Guidry  
**Gate Type:** Sector  
**Dimensions:** 12' x 40' x 200'  
**Year Opened:** 1951  
**Waterway:** Off Mississippi River at Empire in  
Plaquemines Parish



# MISSISSIPPI RIVER

## Old River Control Structure

<b>Project Manager:</b>	Russell Beauvais
<b>Authority:</b>	Flood Control Act of 1928
<b>Lockmaster:</b>	Morris J. Oubre
<b>Gate Type:</b>	Miter
<b>Dimensions:</b>	75' x 1,190' (-11.8' sill depth)
<b>Year Opened:</b>	1963
<b>Waterway:</b>	Mississippi River at the confluence of the Mississippi, Atchafalaya, Red, and Old Rivers in Pointe Coupee Parish



# MISSISSIPPI RIVER

## Ostrica Lock \*DOTD Maintained\*

**Project Manager:** John Guidry  
**Gate Type:** Sector  
**Dimensions:** 12' x 40' x 240'  
**Year Opened:** 1953  
**Waterway:** Off Mississippi River at Bayou Tortillon in  
Plaquemines Parish



# OUACHITA/BLACK WATERWAY

## Columbia Lock & Dam

<b>Project Manager:</b>	Tom Hengst
<b>Authority:</b>	River and Harbor Act of July 14, 1960
<b>Lockmaster:</b>	Billy Mitchell
<b>Gate Type:</b>	Miter
<b>Dimensions:</b>	9' x 84' x 600' (18' lift)
<b>Year Opened:</b>	1972
<b>Waterway:</b>	Ouachita River in Caldwell Parish



Photo courtesy of Vicksburg District

# OAUCHITA/BLACK WATERWAY

## Jonesville Lock & Dam

<b>Project Manager:</b>	Tom Hengst
<b>Authority:</b>	River and Harbor Act of July 14, 1960
<b>Lockmaster:</b>	Bill Wiley
<b>Gate Type:</b>	Miter
<b>Dimensions:</b>	9' x 84' x 600' (30' lift)
<b>Year Opened:</b>	1972
<b>Waterway:</b>	Black River in Catahoula Parish



Photo courtesy of Vicksburg District

# PEARL RIVER

In 1995, the West Pearl River Navigation Project was placed in a caretaker status. The Corps was directed by Congress to use limited funds to maintain the Project in this status.

## **Pearl River Lock & Dam #1**

**Authority:** River and Harbor Act of 1935  
**Gate Type:** Miter  
**Dimensions:** 10' x 65' x 310'  
**Year Opened:** 1949  
**Waterway:** West Pearl River in St. Tammany Parish

## **Pearl River Lock & Dam #2**

**Authority:** River and Harbor Act of 1935  
**Gate Type:** Miter  
**Dimensions:** 10' x 65' x 310'  
**Year Opened:** 1950  
**Waterway:** West Pearl River in St. Tammany Parish

## **Pearl River Lock & Dam #3**

**Authority:** River and Harbor Act of 1935  
**Gate Type:** Miter  
**Dimensions:** 10' x 65' x 310'  
**Year Opened:** 1950  
**Waterway:** West Pearl River in St. Tammany Parish



**LOUISIANA'S USACE MAINTAINED  
MISCELLANEOUS CONTROL STRUCTURES**

# MISCELLANEOUS CONTROL STRUCTURES

## Bayou Bienvenue Flood Control Structure \*SLFPA-East Maintained

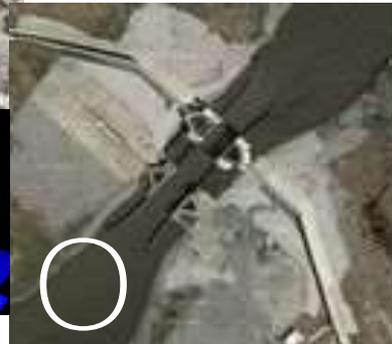
<b>Project Manager:</b>	Gerry Gillen
<b>Authority:</b>	Flood Control Act of 1965 and WRDAs 1974, 1986, 1990, and 1992
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	-10.8' x 56'
<b>Year Opened:</b>	2012
<b>Waterway:</b>	GIWW at MRGO in the vicinity of Lake Borgne Surge Barrier in Orleans and St. Bernard Parishes



# MISCELLANEOUS CONTROL STRUCTURES

## Bayou Dupre Floodgate \*SLFPA-East Maintained

**Project Manager:** Gerry Gillen  
**Authority:** Flood Control Act of 1965 and  
WRDAs 1974, 1986, 1990, and 1992  
**Gate Type:** Sector  
**Dimensions:** -12.5' x 56'  
**Year Opened:** 2012  
**Waterway:** On Bayou Dupre (near Violet Canal)  
at MRGO



*Photo courtesy of SLFPA-E*

# MISCELLANEOUS CONTROL STRUCTURES

## Bayou Segnette Sector Gate \*SLFPA-West Maintained

<b>Project Manager:</b>	John Monzon
<b>Authority:</b>	River & Harbor Act of 1962, Section 103 (HSDRRS)
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	75' wide
<b>Year Opened:</b>	2013
<b>Waterway:</b>	Bayou Segnette in Jefferson Parish



# MISCELLANEOUS CONTROL STRUCTURES

## Calcasieu River Saltwater Barrier

<b>Project Manager:</b>	Tracy Faulk
<b>Authority:</b>	River and Harbor Act of October 23, 1962
<b>Lockmaster:</b>	Charles Hebert
<b>Gate Type:</b>	Sector and 5 Tainter Gates
<b>Dimensions:</b>	Sector (56' width x -13' sill depth) Tainter (40' width x -20' sill depth)
<b>Year Opened:</b>	1968
<b>Waterway:</b>	Calcasieu River in Calcasieu Parish



# MISCELLANEOUS CONTROL STRUCTURES

## Catfish Point Control Structure

<b>Project Manager:</b>	Tracy Faulk
<b>Authority:</b>	Flood Control Act of August 18, 1941 and River & Harbor Act of 1946
<b>Lockmaster:</b>	Charles Hebert
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	15' x 56'
<b>Year Opened:</b>	1951
<b>Waterway:</b>	Mermentau River in Cameron Parish



# MISCELLANEOUS CONTROL STRUCTURES

## Charenton Floodgate

<b>Project Manager:</b>	Tim Connell
<b>Authority:</b>	Flood Control Act of 1936
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	45' Width x 175' (-10.8' sill depth)
<b>Waterway:</b>	Bayou Teche in St. Mary Parish



# MISCELLANEOUS CONTROL STRUCTURES

## East & West Calumet Floodgates

<b>Project Manager:</b>	Tim Connell
<b>Authority:</b>	Flood Control Act of 15 May 1928
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	45' x 161' (-9.8' sill depth)
<b>Year Opened:</b>	1950
<b>Waterway:</b>	Bayou Teche at Wax Lake in St. Mary Parish



# MISCELLANEOUS CONTROL STRUCTURES

## Harvey Floodgates

<b>Project Manager:</b>	Richard Entwisle
<b>Authority:</b>	Water Resources Development Act of 1986
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	16' x 125'
<b>Year Opened:</b>	2007
<b>Waterway:</b>	Harvey Canal in Jefferson Parish



# MISCELLANEOUS CONTROL STRUCTURES

## Ted Gisclair Floodgate (formerly LaRose Floodgate) Leon Theriot Lock (formerly Golden Meadow Floodgate) \*South Lafourche Levee District Maintained

<b>Project Manager:</b>	Windell Curole
<b>Authority:</b>	Flood Control Act of 1965
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	Leon Theriot: 13.8' x 56' Ted Gisclair: 10.8' x 56'
<b>Year Opened:</b>	Leon Theriot: 1986 Ted Gisclair: 1987
<b>Waterway:</b>	Bayou Lafourche in Lafourche Parish



*Photo courtesy of SLLD*

# MISCELLANEOUS CONTROL STRUCTURES

## Lake Borgne (IHNC) Surge Barrier \*SLFPA - East Maintained

<b>Project Manager:</b>	Gerry Gillen
<b>Authority:</b>	River & Harbor Act of 1962, Section 103 (HSDRRS)
<b>Gate Type:</b>	Sector, Barge, & Lift Gates
<b>Dimensions:</b>	Sector Gate: 16' x 150' Barge Bypass Gate: 16' x 150' Bayou Bienvenue Vertical Lift Gate: 16' x 56'
<b>Year Opened:</b>	2012
<b>Waterway:</b>	GIWW in St. Bernard Parish



*Photos courtesy of SLFPA-E*

# MISCELLANEOUS CONTROL STRUCTURES

## MRGO Closure

**Project Manager:** Raymond Newman  
**Authority:** River and Harbor Act of 1956;  
WRDA of 1976 and 1986.  
Deauthorized by Chief's Report in 2008  
**Structure Type:** Rock Dike  
**Waterway:** Mississippi River Gulf Outlet in Orleans, St. Bernard, and Plaquemines Parishes near confluence of Bayou La Loutre.



# MISCELLANEOUS CONTROL STRUCTURES

## Schooner Bayou Control Structure

<b>Project Manager:</b>	Tracy Faulk
<b>Authority:</b>	Flood Control Act of August 18, 1941 and River & Harbor Act of 1946
<b>Contact:</b>	Charles Hebert
<b>Gate Type:</b>	Sector
<b>Dimensions:</b>	12' x 75' x 350'
<b>Year Opened:</b>	1951
<b>Waterway:</b>	Freshwater Bayou in Vermilion Parish



# MISCELLANEOUS CONTROL STRUCTURES

## Seabrook Surge Barrier \*SLFPA-East Maintained

**Project Manager:** Gerry Gillen  
**Authority:** River & Harbor Act of 1962, Section 103 (HSDRRS)  
**Gate Type:** Sector  
**Dimensions:** 18' x 95'  
**Year Opened:** 2012  
**Waterway:** Inner Harbor Navigation Canal



*Photo courtesy of SLFPA-E*

# MISCELLANEOUS CONTROL STRUCTURES

## West Closure Complex \*SLFPA-West Maintained

<b>Project Manager:</b>	John Monzon
<b>Authority:</b>	Flood Control Act of August 18, 1941
<b>Gate Type:</b>	Single Sector Gate
<b>Dimensions:</b>	16' x 225'
<b>Year Opened:</b>	2012
<b>Waterway:</b>	GIWW in Plaquemines Parish



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