

(A0004742)

Dec 69

Construction by Orleans Levee Board

FY - 1970

Floodwall - West side of IHNC from lock to Fla Ave — \$2,552,000

FY - 1971

Raising Road Ramps along Orleans Parish ^{of Levee west of IHNC} — \$200,000

Copies furnished Braumard
16 Dec 69

J. H. W.

11 Dec 69

LAKE PONTCHARTRAIN, LA. & VICINITY
BREAKDOWN OF FY 70 CAPABILITY (\$8,500,000)

	<u>Nixon Budget FY 70</u>	<u>Capability FY 70</u>	
IHNC - East & West Side	\$1,808.0	\$ 1,501.2	2,057.0
Citrus Back Levee	1,729.0	2,653.0	2,460.0
Chef Menteur & Rigolets	277.0	0	0
Chalmette	600.0	2,345.8	4,400.0
Total Construction	<u>\$4,414.0</u>	<u>\$ 6,500.0</u>	
Engineering & Design	1,180.0	1,500.0	1,500.0
S & A	406.0	500.0	386.0
TOTAL	<u>\$6,000.0</u>	<u>\$ 8,500.0</u>	<u>11,003.0</u>

17 Sept. 69

Info. furnished MR. GALLINGHOUSE.

Also included 2 current copies of
project map & 2 copies of flyleaf map.

16 Sept 1969

Name of Project: LAKE PONTCHARTRAIN, LA. & VICINITY, HURRICANE PROTECTION

Authorization: Public Law 89-298, approved 27 October 1965 (H.D. 231/89/1)

Description: The project works are located in St. Charles, Jefferson, Orleans, St. Bernard, and St. Tammany Parishes, and consist of the following features:

1. Lake Pontchartrain Barrier Plan

a. A barrier across the east side of Lake Pontchartrain to consist of a control structure and approach channels, navigation lock and channels, and closure dam at the Rigolets; a control structure, floodgate, navigation channel, and closure dam at Chef Menteur Pass; and connecting levees.

b. A levee along the lakeshore of St. Charles Parish between the Bonnet Carre' Spillway East Guide Levee and the western terminus of the Jefferson Parish Lakefront Levee; and a drainage structure in the vicinity of Bayou Piquant.

c. Improvement of existing levees along the lakeshores of Jefferson Parish and New Orleans, a new levee along the lakeshore of Citrus and New Orleans East, and improvement of existing protective works between South Point and the Gulf Intracoastal Waterway in the northeastern section of Orleans Parish, along the Gulf Intracoastal Waterway and the Inner Harbor Navigation Canal in Orleans Parish, and along the lakeshore at Mandeville, La.

d. The construction of a lock at the lakeward terminus of the Inner Harbor Navigation Canal in the vicinity of Seabrook, La.

2. Chalmette Area Plan. A levee along the Mississippi River-Gulf Outlet from the Inner Harbor Navigation Canal to approximately 6 miles southeast of Bayou Dupre, thence southwest to Verret, La., thence west to Caernarvon, La.; the improvement of the existing levee along the Inner Harbor Navigation Canal; and navigable floodgates in the levee alignment at Bayous Bienvenue and Dupre and a drainage structure in the vicinity of Whitehall Canal.

Summarized Financial Data:

(Est. July 1969)

	<u>Federal</u>	<u>Non-Federal</u>	<u>Total</u>
Seabrook Unit	\$ 7,355,000	\$ 1,585,000	\$ 8,940,000
N. O. East Unit	80,380,000	39,110,000	119,490,000
N. O. West Unit	7,378,000	3,582,000	10,960,000
Mandeville Unit	255,000	125,000	380,000
Chalmette Unit	<u>29,561,000</u>	<u>12,669,000</u>	<u>42,230,000</u>
Total project cost	\$124,925,000	\$57,075,000	\$182,000,000

Barrier Feature Breakdown

Cost

Chef Complex	\$ 20,000,000
Rigolets Lock	6,000,000
Rigolets Control Structure and Closure Dam	28,000,000
Seabrook Lock	<u>8,940,000</u>
Total barrier cost	\$ 62,940,000

Apportionment of Total Project Cost (\$182,000,000)

Federal apportionment of total project cost	\$127,400,000
Non-Federal apportionment of total project cost	\$ 54,600,000

Funding History

Appropriations through FY 1969	\$ 12,498,000
Amount included in President's budget for FY 1970	\$ 6,000,000

3. Current Status: In order to expedite construction of this urgent project, the available New Orleans District design capability is being utilized to the greatest extent possible and design efforts are being concentrated on project features that have the most urgent need for early construction. As shown on the attached project map (2-35), construction of several project features is currently underway. However, in an effort to hasten project construction, we have contracted the services of several private Architect-Engineer firms and another District of the U. S. Army Engineers to accomplish design studies for the Rigolets Complex, Chef Menteur Pass Complex, Seabrook Lock, and the Chalmette Area Plan. Accordingly, future funding must be greater if construction of the project is to continue on schedule.

IHNC FLOODWALL

Capping the existing steel sheet pile along the IHNC east levee between the IHNC lock and Florida Avenue has been delayed pending the results of studies to determine if a new ship lock will be constructed adjacent to the east of the existing IHNC lock. The request by local interests for early completion of this section of wall has been referred to higher headquarter^s for decision.

IHNC FLOODWALL

Capping the existing steel sheet pile along the IHNC east levee between the IHNC lock and Florida Avenue has been delayed pending the results of studies to determine if a new ship lock will be constructed adjacent to the east of the existing IHNC lock. The request by local interests for early completion of this section of wall has been referred to higher headquarters for decision.

ALL UPPER CASE

3 October 1969

IHNC Floodwall:

Capping the existing steel sheet pile along the IHNC east levee between the IHNC lock and Florida Ave. has been delayed pending the results of studies to determine if a new ship lock will be constructed adjacent to and east of the existing IHNC lock. ~~A decision by the Corps of Engineers in regard to immediate construction of the floodwall in this area, regardless of the location of the proposed ship lock, is expected shortly.~~

Serial 1 The request by local interests for ~~an~~ early completion of this section of wall has been referred to higher headquarters for decision.

LAKE PONTCHARTRAIN, LA. AND VICINITY
HURRICANE PROTECTION PROJECT

<u>Unit</u>	<u>Cost</u>
New Orleans East	\$ 119,490,000
New Orleans West	10,960,000
Mandeville	380,000
Seabrook Lock	8,940,000
Chalmette	<u>42,230,000</u>
Total Project Cost	\$ 182,000,000
Total Project Cost	\$ 182,000,000
Less 1/2 Cost of Seabrook Lock	<u>- 4,470,000</u>
Cost to be apportioned on 70/30 basis	\$ 177,530,000

Federal Apportionment (70%)

\$124,271,000

Non-Federal Apportionment (30%)

Lands & Damages	(\$19,922,000)
Relocation	(\$ 3,691,000)
Cash Contribution	(\$29,646,000)
	<u>\$53,259,000</u>

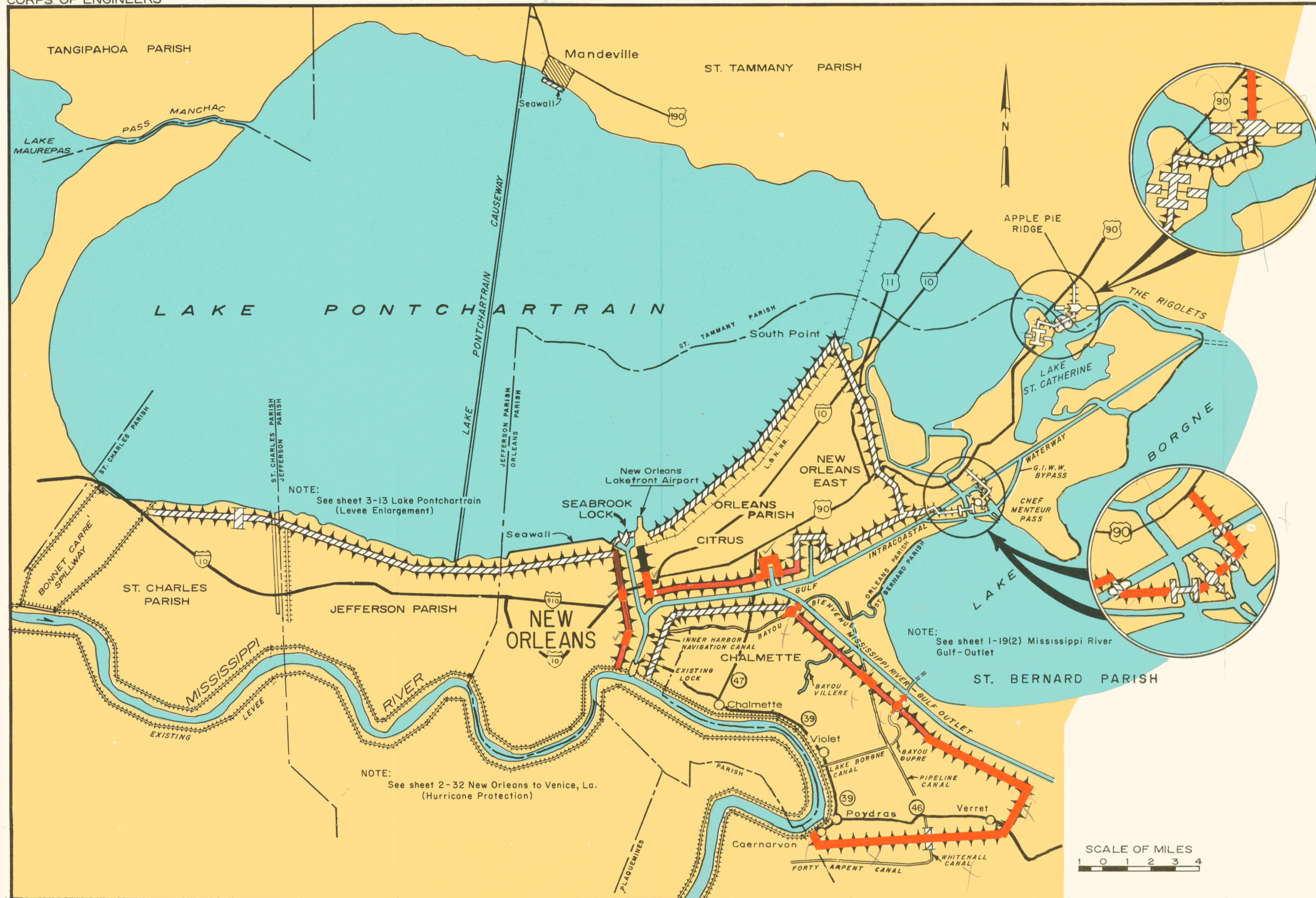
Barrier Feature

Chef Complex	
Rigolets Lock	
Rigolets Control Structure	
Seabrook Lock	

<u>Cost</u>
\$ 20,000,000
6,000,000
28,000,000
<u>8,940,000</u>

) 34,000,000

Total Barrier Cost \$ 62,940,000



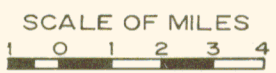
LEGEND

- Improvements completed
- Improvements under construction
- Improvements authorized
- Channel
- Control structure
- Floodgate - Navigable
- Drainage structure
- Lock
- Levees not in this project
- Scheduled construction for FY '70 budget based on CASH disbursement limitations

NOTE: See sheet 3-13 Lake Pontchartrain (Levee Enlargement)

NOTE: See sheet 1-19(2) Mississippi River Gulf-Outlet

NOTE: See sheet 2-32 New Orleans to Venice, La. (Hurricane Protection)



LOWER MISSISSIPPI VALLEY DIVISION WORK
 FLOOD CONTROL GENERAL
LAKE PONTCHARTRAIN, LA. AND VICINITY
 HURRICANE PROTECTION
 SCALES AS SHOWN
 OFFICE OF THE DISTRICT ENGINEER, NEW ORLEANS, LA.