

1982

APPROPRIATION TITLE CONSTRUCTION, GENERAL	CLASSIFICATION, FLOOD CONTROL, LOCAL PROTECTION RCS-DAEN-CMB-13				
	SUMMARY CONSTRUCTION PROGRAM (PB-1)				
METHOD OF FINANCING	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1980	CURRENT FISCAL YEAR 1981	BUDGET FISCAL YEAR FY 1982	BALANCE TO COMPLETE AFTER FY 1982
FED AND NON-FED ALLOCATIONS		2,155,000	8,745,000		
UNOS CARRYOVER PFY			4,000		
TOTAL AVAIL FOR OBL		0	8,749,000		
APPROPRIATION REQUIRED				2,600,000	0
FEDERAL FUNDS ALLOCATIONS		545,000	6,000,000		
UNOS CARRYOVER PFY			4,000		
TOTAL AVAIL FOR OBL		0	6,004,000		
APPROPRIATION REQUIRED				1,955,000	0
NON-FEDERAL FUNDS CONTRIBUTIONS		1,740,000	2,745,000		
UNOS CARRYOVER PFY					
TOTAL AVAIL FOR OBL		0	2,745,000		
CONTRIBUTION REQUIRED				645,000	0

712

EFFECTIVE DATE: 01 JAN 81
 DIVN, LOWER MISSISSIPPI VALLEY REGION, LOWER MISSISSIPPI BASIN, COASTAL LOUISIANA
 PROJECT, GRAND ISLE AND VICINITY, LA.
 180
 JAN 15 1981

1982

APPROPRIATION TITLE: Construction General - Local Protection (Flood Control)
 PROJECT: Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)(Continuing)
 LOCATION: The project is located in St. Charles, Jefferson, Orleans, St. Bernard, and St. Tammany Parishes in southeast Louisiana in the general vicinity of New Orleans adjacent to Lake Pontchartrain.
 AUTHORIZATION: Flood Control Act of 1965 and Water Resources Development Act of 1974
 Benefit to Cost Ratio: The remaining benefit-remaining cost ratio is 12.9 to 1 at 3-1/8 percent. The benefit to cost ratio for the fiscal year for which Congress appropriated initial construction funds (FY 1967) was 17.6 to 1. The benefit to cost ratio is based on the project functioning independently.

SUMMARIZED FINANCIAL DATA		Accumulated % of Estimated Appropriation Requirements	PHYSICAL DATA	
Estimated Total Appropriation Requirement	\$701,000,000			Levees: Average Height: 13 feet Length: 80 miles
Future Non-Federal Reimbursement	\$86,000,000		Drainage Structures: 7	
Estimated Federal Cost (Ultimate)	615,000,000		Channels: 13.3 miles	
Estimated Non-Federal Cost	277,000,000		Dam Closures: 9	
Reimbursement:			Locks: Seabrook: 84 feet by 800 feet Rigolets: 110 feet by 800 feet	
Hurricane Protection	86,000,000		Control Structures:	
Cash Contribution	146,071,000		Chef Menteur: 1,200 feet wide	
Other	44,929,000		Rigolets: 1,100 feet wide	
Total Estimated Project Cost	\$892,000,000		Seabrook: 116 feet wide	
Allocations to 30 September 1980	105,764,000		Floodwalls: 15.5 miles	
Conference Allowance for FY 1981	10,800,000		Floodgates: 3	
Allocation for FY 1981	9,600,000 ^{1/}	16	Pumping Plant: 1	
Allocations to Date	115,364,000			
Appropriation Requested for FY 1982	15,000,000	19		
Balance to Complete After FY 1982	570,636,000			

713

^{1/} Reflects \$1,200,000 assigned as savings and slippage.

STATUS: (1 January 1981)

	PERCENT COMPLETE	COMPLETION SCHEDULE		PERCENT COMPLETE	COMPLETION SCHEDULE
<u>Barrier Unit</u>	4	Indefinite 1/			
Locks	0	Indefinite 1/	<u>New Orleans West Unit</u>	2	Indefinite 2/
Roads, Railroads and Bridges	0	Indefinite 1/	Levees and Floodwalls	0	Indefinite 2/
Channels and Canals	7	Indefinite 1/	<u>Mandeville Unit</u>	6	Aug 1983
Breakwaters and Seawalls	0	Indefinite 1/	Levees and Floodwalls	0	Aug 1983
Levees and Floodwalls	2	Indefinite 1/	<u>Chalmette Unit</u>	33	Sep 1991
Floodway Control and Diversion Structures	0	Indefinite 1/	Levees and Floodwalls	28	Sep 1991
Permanent Operating Equipment	30	Indefinite 1/	Permanent Operating Equipment	100	
<u>New Orleans East Unit</u>	44	Feb 1987			
Levees and Floodwalls	48	Feb 1987	<u>Entire Project</u>	15	Sep 1991 3/
Pumping Plants	5	Sep 1984 4/			

1/ Completion schedule indefinite pending completion of the restudy, resubmission of the Environmental Impact Statement and final clearance in the courts.

2/ Completion schedule indefinite pending completion of additional detailed environmental studies.

3/ Excludes Barrier and New Orleans West Units which have indefinite completion dates.

4/ Non-Federal items which local interests have tentatively scheduled for completion in FY 84.

JUSTIFICATION: The lowlands in the Lake Pontchartrain tidal basin are subject to tidal overflow. The Greater New Orleans Metropolitan area which lies in this basin will continue its rapid economic development in the future years even though severe damages have resulted from several hurricanes in the recent past. Hurricane damages result from surges entering Lake Pontchartrain from Lake Borgne through natural tidal passes at the Rigolets and Chef Menteur Pass and the Inner Harbor Navigation Canal. The surges are intensified by local wind effects and the combination of waves and surges causing overtopping of the protective works along the shores of Lake Pontchartrain. The eastern portion of the area is also subject to flooding by surges and waves that move directly from Lake Borgne and overtop the existing inadequate protective system seaward of the developed land areas. As a result, residences and industrial and commercial establishments suffer damage, business activities are disrupted, lives endangered, and hazards to health created. Hurricanes much more severe than any of record are possible. In the event of the occurrence of such a severe hurricane, catastrophic property damage and loss of human life would be experienced. Local interests have requested protection against these threats to life and property. The Lake Pontchartrain hurricane protection project will provide the necessary protection. The Mississippi River-Gulf Outlet via the Inner Harbor Navigation Canal provides a direct tidal route from the Gulf of Mexico to Lake Pontchartrain. Consistent with the rationale that lake levels can be controlled by limiting tidal inflow to the Lake, a lock and control structure complex is to be constructed at the junction of the Inner Harbor Navigation Canal and Lake Pontchartrain at Seabrook. The complex will provide for flood control, salinity control, and navigation. The cost of the Seabrook Complex is allocated 50% to the hurricane protection project and 50% to the Mississippi River-Gulf Outlet project.

182

Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)
JAN 15 1981

714

Hurricane "Betsy," in September 1965, caused extensive damage and flooding of urban areas of the New Orleans Area to depths of up to 10 feet. Hurricane "Camille" occurred in the project area in August 1969 and flooded areas along the Inner Harbor Navigation Canal. Extensive flooding and overtopping of levees would have occurred in the project area in September 1974 if hurricane "Carmen" had continued on its predicted course.

The average annual benefits and designated redevelopment areas are as follows:

Benefits	Amount (1 October 1980)	Redevelopment Areas (PL 89-136)		
		Parish/County and State	Title	Subsection
Flood Control	\$295,404,000	Louisiana		
Area Redevelopment	3,901,000	Jefferson	IV	(8)
		Orleans	IV	(8)
		St. Bernard	IV	(8)
		St. Charles	IV	(6)
		St. John the Baptist	IV	(8)
		St. Tammany	IV	(8)
		Tangipahoa	IV	(8)
		Mississippi		
		Hancock	IV	(8)
Total Annual Benefits	\$299,305,000			

FISCAL YEAR 1982: The requested amount of \$15,000,000 will be applied as follows:

<u>Barrier Unit</u>		
Engineering and Design		\$430,000
Supervision and Administration		65,000
	Subtotal	\$495,000
<u>New Orleans East Unit</u>		
Initiate:		
Inner Harbor Navigation Canal, East and West Side, Capping Floodwalls		\$300,000
Complete:		
Citrus Back Levee, Capping Floodwalls and Raising Levees		615,000
New Orleans East Lakefront Levee, Paris Road to South Point, Gap Closure		600,000
New Orleans East Back Levee, Station 773 to 1006, 2d Lift		3,500,000
Engineering and Design		300,000
Supervision and Administration		439,000
	Subtotal	\$5,754,000

183

Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)
JAN 15 1981

715

<u>New Orleans West Unit</u>		
Engineering and Design		\$40,000
Supervision and Administration		5,000
	Subtotal	\$45,000
<u>Mandeville Unit</u>		
Initiate:		
Mandeville Seawall		\$50,000
Engineering and Design		3,000
Supervision and Administration		5,000
	Subtotal	\$58,000
<u>Chalmette Unit</u>		
Initiate:		
Station 994 to 1117, 3d Lift and Pipeline Canal Closure, 2d Lift		\$2,520,000
Continue:		
Station 1121 to 1568, 1st Enlargement; Verret Floodwall; and Creedmore Canal Drainage Structure		2,750,000
Complete:		
Station 65 to 355, 2d Lift		870,000
Vicinity Paris Road Bridge, Floodwall		370,000
Inner Harbor Navigation Canal East Side, North of Florida Avenue, Levee and Floodwall and Station 9+80 to 65+00, 2d Lift		1,535,000
Engineering and Design		120,000
Supervision and Administration		483,000
	Subtotal	\$8,648,000
	Grand Total	\$15,000,000

716

The levee and floodwall north of Florida Avenue will close one of the remaining gaps along the Inner Harbor Navigation Canal where flooding occurred during Hurricane "Betsy" in 1965. Construction of the second lift of New Orleans East Back Levee, gap closures in the New Orleans East Lakefront Levee, floodwall capping along the Inner Harbor Navigation Canal and floodwall capping along the Citrus Back Levee will provide a higher degree of interim protection to the New Orleans East Unit. The same is true in the Chalmette Unit for construction of the second lift levee from Station 65 to 355, the third lift levee from Station 994 to 1117, floodwall vicinity Paris Road Bridge, and levee enlargement from Station 1121 to 1568, Verret Floodwall, and Creedmore Canal Drainage Structure. The funds requested are the minimum necessary to maintain current scheduled completion dates.

184

Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)
JAN 15 1981

NON-FEDERAL COST: Local interests are to bear 30 percent of the first cost to include the fair market value of all lands, easements, and rights-of-way, including borrow and disposal areas necessary for construction of the hurricane features and to accomplish all necessary alterations and relocations to roads, railroads, pipelines, cables, wharves, drainage structures, and other facilities made necessary by the construction works. They are required to share in only one-half the cost of the Seabrook Lock, the other half being constructed for navigation purposes at Federal expense. In addition, local interests are required to contribute the capitalized cost of operation and maintenance for Rigolets Lock. The current estimate of project costs to be borne by local interests follows:

Lands and Damages	\$25,379,000
Relocations	19,550,000
Cash Contributions:	
Based on 30 percent of total project cost less Seabrook and reimbursement	120,796,000
Based on 15/85 ratio for Seabrook Lock	7,605,000
Capitalization of Operation and Maintenance for Rigolets Lock	17,670,000
Reimbursement: Hurricane Protection	86,000,000
Total	\$277,000,000

Local interests are required to operate and maintain all features of the project works, excluding the Rigolets Navigation Lock and Channel and the modified dual-purpose Seabrook Lock. The annual cost to local interests for maintenance and operation is estimated at \$900,000 including \$373,000 for material replacements.

In addition, local interests, through the combined efforts of the State of Louisiana, local levee and drainage districts, and parish police juries have spent an estimated \$25,366,000 between 1930-1963, based on the best cost records available, to improve and maintain the hurricane protection system existing prior to project authorization. Available costs of record are tabulated below:

Combination of State of Louisiana and Lake Borgne Levee District and Chalmette Back Levee District on the Chalmette Back Levee Protection Systems	\$4,410,000
Orleans Levee District Board	12,010,000
Port of New Orleans (Levees along Industrial Canal)	924,000
Pontchartrain Levee District	5,022,000
Fourth Drainage District of Jefferson Parish	3,000,000
Total	\$25,366,000

717

185

Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)
JAN 15 1981

A very severe hurricane, "Betsy," occurred in the project area in September 1965, just prior to the authorization of the project in October 1965. Considerable damage was done to many of the existing levees, and local interests immediately instituted an accelerated rehabilitation program with the view of restoring and strengthening existing protection prior to succeeding hurricane seasons. Only work performed by local interests after project authorization which conforms to the project design criteria and alignment will be accepted by the United States as work-in-kind in lieu of cash contribution.

STATUS OF LOCAL COOPERATION: Assurances are required for the two independently justified plans authorized by Congress.

1. Chalmette Area Plan:

a. Orleans Levee District: New agreements of assurances covering all local cooperation requirements and a deferred payment plan as authorized by Public Law 93-251 were executed on 30 March 1976. These assurances were accepted on behalf of the United States on 7 December 1977.

b. St. Bernard Parish Police Jury and Lake Borgne Basin Levee District: New joint agreements of assurances covering all local cooperation requirements and a deferred payment plan as authorized by Public Law 93-251 were executed on 2 April 1976. These assurances were accepted on behalf of the United States on 7 December 1977.

2. Barrier Plan:

a. Orleans Levee District: New agreements of assurances covering all local cooperation requirements and a deferred payment plan as authorized by Public Law 93-251 were executed on 30 March 1976. These assurances were accepted on behalf of the United States on 7 December 1977.

b. St. Tammany Parish: The Louisiana Office of Public Works executed an act of assurance dated 8 November 1976 agreeing to fulfill all local cooperation requirements for that portion of the project in St. Tammany Parish. These assurances were accepted on behalf of the United States on 7 December 1977.

718

186

Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)

JAN 15 1981

c. Pontchartrain Levee District: New agreements of assurances covering all local cooperation requirements and a deferred payment plan as authorized by Public Law 93-251 were executed on 20 September 1976. On 8 November 1976, the Louisiana Office of Public Works agreed to lend financial assistance above \$100,000 to the Pontchartrain Levee District for that portion of the Barrier Plan which is the responsibility of that levee district. These assurances were accepted on behalf of the United States on 7 December 1977. Revised assurances are presently being sought in accordance with paragraph d. below.

d. Jefferson Levee District: As of 1 January 1979, the State of Louisiana formed the Jefferson Levee District and assigned to it responsibility for Jefferson Parish levees on the east bank of the Mississippi River. These levees were previously the responsibility of the Pontchartrain Levee District. Revised assurances are being sought from the Pontchartrain Levee District to cover the St. Charles portion of the project and new assurances are being sought from the Jefferson Levee District for the Jefferson Parish segment of the project.

COMPARISON OF FEDERAL COST ESTIMATES: The current Federal cost estimate of \$701,000,000 is an increase of \$196,640,000 over the latest estimate (\$504,360,000) submitted to Congress. This change includes increases of \$153,786,000 for adjustments in the estimated inflation allowance through the construction period; \$274,000 based on actual cost of completed work; \$12,716,000 based on design modifications; \$1,553,000 based on an actual bid; \$441,000 in Engineering and Design based on a reanalysis of requirements; and \$28,048,000 due to a reanalysis of Federal cost-sharing requirements. These increases were partially offset by a decrease of \$178,000 due to a more detailed project cost estimate.

STATUS OF ENVIRONMENTAL IMPACT STATEMENT AND COMPLIANCE WITH CLEAN WATER ACT: The final Environmental Impact Statement was filed with the Council on Environmental Quality on 17 January 1975. By Court Order dated 30 December 1977, a revised Environmental Impact Statement has been ordered. The revised final Environmental Impact Statement is scheduled to be submitted to the Environmental Protection Agency in the second quarter of FY 1984.

The provisions of Section 404 of the Clean Water Act have been met by a Section 404 Evaluation Report signed by the District Engineer on 22 August 1975 for the majority of the project. The provisions of Section 404 of the Clean Water Act, for those items not previously covered, will be followed as detailed plans for individual work items are developed. The only item in the FY 1982 budget requiring such action is the Mandeville Seawall. Compliance for the Mandeville Seawall is scheduled to be met by a Section 404(b)(1) evaluation in the third quarter of Fiscal Year 1981, a Public Notice to be issued in the third quarter of FY 1981, a Certification from the State of Louisiana in the fourth quarter of FY 1981, and the District Engineer's signature on the Section 404 Evaluation Report in the fourth quarter of FY 1981.

719

Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)
JAN 15 1981

187

OTHER INFORMATION: Funds to initiate preconstruction planning were appropriated in FY 1966 and for construction in FY 1967.

Save Our Wetlands, Inc., filed suit on 8 December 1975 in United States District Court for the Eastern District of Louisiana against the New Orleans District Engineer, the Secretary of the Army, the Administrator of the Environmental Protection Agency and the President of the Orleans Levee Board. The Clio Sportsman's League joined the suit on 21 June 1976. The St. Tammany Parish Police Jury joined suit on 30 March 1977. The suit alleges the following: (1) that a regional cumulative Environmental Impact Statement should be accomplished prior to proceeding with the project; (2) that the Corps has not complied with the conditions of final approval by the Environmental Protection Agency of Section 404 requirements of the Federal Water Pollution Control Act; (3) that the Corps has not completely eliminated the St. Charles Parish lakefront levee as required by the Environmental Protection Agency. The suit also seeks to have the New Orleans East lakefront levee removed and to have three openings for tidal interchange provided under the Southern Railroad embankment.

The Government moved to dismiss the lawsuit based on an unexcusable delay in forwarding a claim and the contention that the allegations of the plaintiffs were not liable to trial in a court of justice under the National Environmental Policy Act. A hearing was held on 5 November 1976 and the court denied the motion on 7 December 1976. In addition, a hearing was held on 15 December 1976 on the Orleans Levee District's (a codefendant) motion to dismiss issues regarding assurances for the project. The court then denied the motion.

On 30 December 1977, Judge Charles Schwartz of the Federal District Court in New Orleans issued an order enjoining any further construction of the Chef Menteur and Rigolets Complexes, New Orleans East Area (East of Paris Road) and the Chalmette Area of the project until a revised environmental statement has been prepared.

On 8, 10, and 27 March 1978, Judge Schwartz lifted the injunction on the New Orleans East Area (East of Paris Road) and on 10 March 1978 he lifted the injunction on the Chalmette Area Plan.

A group of individuals in St. Charles Parish filed suit on 12 April 1977 asking that the court direct the Corps to construct the St. Charles Parish portion of the project which has been deferred. At a 17 May 1978 hearing, Judge Charles Schwartz declared that the suit was premature and deferred further consideration until completion of the revised Environmental Impact Statement.

720

188

Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)

JAN 15 1981

HISTORICAL CHANGES IN BASELINE FEDERAL COST ESTIMATE:

Division: Lower Mississippi Valley
District: New Orleans

Project: Lake Pontchartrain, Louisiana and Vicinity (Hurricane Protection)

Item	Estimates Presented to Congress (\$1,000)			
	Original Baseline	Cumulative Changes	Last	Incremental Change Current
Federal Cost (Price Level)	65,784 (Oct 1965)		504,360 ^{4/}	701,000 ^{4/ 3/}
Reason for Change		(438,576) ^{4/}		(196,640) ^{3/}
a. Price Escalation		346,797		153,786
b. Design Changes		47,416		12,716
c. Additional Function Added Under General Authorization				28,048 ^{1/}
d. Authorized Modification		30,958		
e. Post-Contract Award and Other Estimating Adjustments		11,436		2,090 ^{2/}
f. Schedule Changes				
g. Sundry		1,969		
h. Real Estate				

- ^{1/} Increase of \$28,048 based on a reanalysis of Federal cost-sharing requirements.
- ^{2/} Increases based on actual costs of completed work and a reevaluation of Engineering and Design.
- ^{3/} Includes \$153,786 for adjustments in the estimated inflation allowance through the construction period.
- ^{4/} Includes an allowance for estimated inflation through the construction period.

721

189

Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)

JAN 15 1981

APPROPRIATION TITLE CONSTRUCTION, GENERAL	CLASSIFICATION, FLOOD CONTROL-LOCAL PROTECTION RCS-DAEN-CMB-13				BALANCE TO COMPLETE AFTER FY 1982
	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1980	CURRENT FISCAL YEAR 1981	BUDGET FISCAL YEAR FY 1982	
SUMMARY CONSTRUCTION PROGRAM (PB-1)					
BARRIER UNIT	409,335,000	15,386,000	1,200,000	536,000	392,213,000
LANDS & DAMAGES	4,684,000	735,000	0	41,000	3,908,000
RELOCATIONS	320,000	0	0	0	320,000
LOCKS	78,670,000	0	0	0	78,670,000
ROADS (INCL BRIDGES)	1,425,000	0	0	0	1,425,000
CHANNELS & CANALS	10,355,000	765,000	0	0	9,590,000
BREAKWATERS&SEAWALLS	4,860,000	0	0	0	4,860,000
LEVEES&FLOODWALLS	136,790,000	1,643,000	10,000	0	135,137,000
FLO CNTRL + DIV STRU	137,147,000	0	0	0	137,147,000
PERM OP EQUIP	14,000	4,000	0	0	10,000
ENGR & DESIGN	16,340,000	11,540,000	1,150,000	430,000	3,220,000
SUPERVISION & ADMIN	18,730,000	699,000	40,000	65,000	17,926,000
NEW ORL. EAST UNIT	167,070,000	72,119,000	16,566,000	9,750,000	68,631,000
LANDS & DAMAGES	12,375,000	8,010,000	150,000	0	4,215,000
RELOCATIONS	13,240,000	2,736,000	6,160,000	0	4,344,000
LEVEES&FLOODWALLS	102,945,000	49,055,000	5,555,000	5,015,000	43,320,000
PUMPING PLANTS	18,220,000	0	4,000,000	4,000,000	10,220,000
ENGR & DESIGN	12,810,000	8,742,000	345,000	300,000	3,423,000
SUPERVISION & ADMIN	7,480,000	3,576,000	356,000	439,000	3,109,000
NEW ORL. WEST UNIT	179,745,000	2,707,000	95,000	45,000	176,898,000
LANDS & DAMAGES	1,140,000	1,140,000	0	0	0
RELOCATIONS	2,070,000	0	0	0	2,070,000
LEVEES&FLOODWALLS	162,870,000	0	0	0	162,870,000
ENGR & DESIGN	8,060,000	1,443,000	80,000	40,000	6,497,000
SUPERVISION & ADMIN	5,605,000	124,000	15,000	5,000	5,461,000
HANDEVILLE UNIT	1,155,000	73,000	0,000	58,000	1,018,000
EFFECTIVE DATE	01 JAN 81				
DIVN, LOWER MISSISSIPPI DIST, NEW ORLEANS DISTRICT		VALL REGION, LOWER MISSISSIPPI BASIN, COASTAL LOUISIANA		PROJECT, LK PONTCH & VIC HURR PROT	190
			JAN 15 1981		

722

APPROPRIATION TITLE CONSTRUCTION, GENERAL	CLASSIFICATION, FLOOD CONTROL-LOCAL PROTECTION RCS-DAEN-CMB-13				BALANCE TO COMPLETE AFTER FY 1982
	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1980	CURRENT FISCAL YEAR 1981	BUDGET FISCAL YEAR FY 1982	
SUMMARY CONSTRUCTION PROGRAM (PB-1)					
LEVEES&FLOODWALLS	1,000,000	0	0	50,000	950,000
ENGR & DESIGN	77,000	69,000	5,000	3,000	0
SUPERVISION & ADMIN	78,000	4,000	1,000	5,000	68,000
CHALMETTE UNIT	134,695,000	43,909,000	5,232,000	8,818,000	76,736,000
LANDS & DAMAGES	7,180,000	6,631,000	549,000	0	0
RELOCATIONS	3,920,000	2,426,000	993,000	0	501,000
LEVEES&FLOODWALLS	106,305,000	29,069,000	3,370,000	8,215,000	65,651,000
PERM OP EQUIP	21,000	21,000	0	0	0
ENGR & DESIGN	9,080,000	4,004,000	120,000	120,000	4,836,000
SUPERVISION & ADMIN	8,189,000	1,758,000	200,000	483,000	5,748,000
FED AND NON-FED TOTAL COST - SCHED	892,000,000	134,194,000	23,099,000	19,211,000	715,496,000
UNDELIVERED ORDERS	0	1,312,000	-1,312,000	0	0
TOTAL OBLIGATIONS	0	135,506,000	21,787,000	19,211,000	715,496,000
FEDERAL FUNDS TOTAL COST - SCHED	701,000,000	104,539,000	10,825,000	15,000,000	570,636,000
UNDELIVERED ORDERS	0	1,225,000	-1,225,000	0	0
TOTAL OBLIGATIONS	0	105,764,000	9,600,000	15,000,000	570,636,000
NON-FEDERAL FUNDS TOTAL COST - SCHED	191,000,000	29,655,000	12,274,000	4,211,000	144,860,000
UNDELIVERED ORDERS	0	87,000	-87,000	0	0
TOTAL OBLIGATIONS	0	29,742,000	12,187,000	4,211,000	144,860,000
EFFECTIVE DATE	01 JAN 81				
DIVN, LOWER MISSISSIPPI DIST, NEW ORLEANS DISTRICT		VALL REGION, LOWER MISSISSIPPI BASIN, COASTAL LOUISIANA		PROJECT, LK PONTCH & VIC HURR PROT	191
			JAN 15 1981		

723

1982

APPROPRIATION TITLE CONSTRUCTION, GENERAL	CLASSIFICATION, FLOOD CONTROL-LOCAL PROTECTION RCB-DAEN-CNB-13				
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UNOS CARRYOVER PFY		0	21,787,000		
TOTAL AVAIL FOR OBL				19,211,000	715,496,000
APPROPRIATION REQUIRED					
FEDERAL FUNDS ALLOCATIONS		105,764,000	9,600,000 ^{1/}		
UNOS CARRYOVER PFY		0	9,600,000		
TOTAL AVAIL FOR OBL				15,000,000	570,636,000
APPROPRIATION REQUIRED					
				FUTURE FEDERAL REQUIREMENTS	
				FISCAL YEAR 1983	26,500,000
				FISCAL YEAR 1984	19,600,000
				FISCAL YEAR 1985	32,200,000
				FISCAL YEAR 1986	53,500,000
				REMAINING BALANCE	436,836,000
NON-FEDERAL FUNDS CONTRIBUTIONS		29,742,000	12,187,000		
UNOS CARRYOVER PFY		0	12,187,000		
TOTAL AVAIL FOR OBL				4,211,000	144,800,000
CONTRIBUTION REQUIRED					
				FUTURE NON-FED REQUIREMENTS	
				FISCAL YEAR 1983	5,310,000
				FISCAL YEAR 1984	8,580,000
				FISCAL YEAR 1985	9,194,000
				FISCAL YEAR 1986	1,440,000
				REMAINING BALANCE	120,336,000

724

^{1/} Reflects \$1,200,000 assigned as savings and slippage.

EFFECTIVE DIVN, LOWER MISSISSIPPI VALL REGION, LOWER MISSISSIPPI PROJECT, LK PONTCH & VIC HURR 192
 DATE DIST, NEW ORLEANS DISTRICT BASIN, COASTAL LOUISIANA PROT
 01 JAN 81 JAN 15 1981

APPROPRIATION TITLE: Construction General - Local Protection (Flood Control)
 PROJECT: Larose to Golden Meadow, Louisiana (Hurricane Protection) (Continuing)
 LOCATION: The project is located in Lafourche Parish, Louisiana, about 28 miles southwest of New Orleans and about 25 miles inland from the Gulf of Mexico along Bayou Lafourche, south of the Intracoastal Waterway extending from Larose to Golden Meadow, a distance of about 16 miles.

AUTHORIZATION: Flood Control Act of 1965.
 BENEFIT TO COST RATIO: The remaining benefit-remaining cost ratio is 5.9 to 1 at 3-1/4 percent. The benefit to cost ratio for the fiscal year for which Congress appropriated initial construction funds (FY 1972) was 1.4 to 1. The benefit to cost ratio is based on the project functioning independently.

SUMMARIZED FINANCIAL DATA	Accumulated % of Estimated Federal Cost	STATUS: (1 January 1981)	PERCENT COMPLETE	COMPLETION SCHEDULE
			Estimated Federal Cost	\$55,900,000
Estimated Non-Federal Cost	23,900,000	Entire Project	23	Dec 1995
Cash Contribution	\$15,500,000			
Other	8,400,000			
Total Estimated Project Cost	\$79,800,000			
Allocations to 30 September 1980	13,617,000			
Conference Allowance for FY 1981	6,215,000			
Allocation for FY 1981	6,215,000	35		
Allocations to Date	19,832,000			
Appropriation Requested for FY 1982	9,900,000	53		
Balance to Complete After FY 1982	26,168,000			

725

Levees
 Loop levee approximately 40 miles in length along both banks of Bayou Lafourche; Enlargement of 3 miles of levees at Golden Meadow; Eight miles of low interior levee to regulate intercepted drainage.

Floodgates
 Two - 56-foot sector-gated

Drainage Structures
 Eight multibarreled culverts controlled by flap gates

193

Division: Lower Mississippi Valley
 District: New Orleans
 Larose to Golden Meadow, Louisiana (Hurricane Protection)
 Region: Lower Mississippi
 JAN 15 1981