

1981

APPROPRIATION TITLE CONSTRUCTION, GENERAL		CLASSIFICATION, FLOOD CONTROL, LOCAL PROTECTION RCS-DAEN-CWS-13			
SUMMARY CONSTRUCTION PROGRAM (PB-1)					
METHOD OF FINANCING	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1979	CURRENT FISCAL YEAR 1980	BUDGET FISCAL YEAR FY 1981	BALANCE TO COMPLETE AFTER FY 1981
FED AND NON-FED ALLOCATIONS UNDB CARRYOVER PFY TOTAL AVAIL FOR DBL APPROPRIATION REQUIRED		1,363,000	157,000 6,000 163,000	4,430,000	7,250,000
FEDERAL FUNDS ALLOCATIONS UNDB CARRYOVER PFY TOTAL AVAIL FOR DBL APPROPRIATION REQUIRED		363,000	157,000 6,000 163,000		
				2,800,000	4,980,000
				FUTURE FEDERAL REQUIREMENTS	
				FISCAL YEAR 1982	3,300,000
				FISCAL YEAR 1983	1,680,000
				FISCAL YEAR 1984	0
				FISCAL YEAR 1985	0
				REMAINING BALANCE	0
NON-FEDERAL FUNDS CONTRIBUTIONS UNDB CARRYOVER PFY TOTAL AVAIL FOR DBL CONTRIBUTION REQUIRED		1,000,000	0		
		0	0		
				1,630,000	2,270,000
				FUTURE NON-FED REQUIREMENTS	
				FISCAL YEAR 1982	1,515,000
				FISCAL YEAR 1983	755,000
				FISCAL YEAR 1984	0
				FISCAL YEAR 1985	0
				REMAINING BALANCE	0
28 JAN 1980					
EFFECTIVE DATE 01 JAN 80	DIYN, LOWER MISSISSIPPI DIST, NEW ORLEANS DISTRICT	VALL REGION, LOWER MISSISSIPPI BASIN, COASTAL LOUISIANA	PROJECT, GRAND ISLE AND VIC, PAGE 2 LA. OF 2 PAGES		

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1981

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

REMAINING BENEFIT-REMAINING COST RATIO: 11.8 to 1

SUMMARIZED FINANCIAL DATA		Accumulated % of Estimated Appropriation Requirements
Estimated Total Appropriation Requirement	\$504,360,000	
Future Non-Federal Reimbursement	\$40,360,000	
Estimated Federal Cost (Ultimate)	464,000,000	
Estimated Non-Federal Cost	217,000,000	
Reimbursement:		
Hurricane Protection	40,360,000	
Cash Contribution	135,703,000	
Other	40,937,000	
Total Estimated Project Cost	\$681,000,000	
Allocations to 30 September 1979	92,444,000	
Conference Allowance for FY 1980	11,000,000	
Allocation for FY 1980	14,000,000 1/	21
Allocations to Date	106,444,000	
Appropriation Requested for FY 1981	10,800,000	23
Balance to Complete After FY 1981	387,116,000	

1/ Reflects \$1,000,000 reduction assigned as savings and slippages and reflects proposed transfer and/or supplemental appropriation of \$4,000,000 to the project.

PHYSICAL DATA	
Levees:	Average Height: 13 feet Length: 80 miles
Drainage Structures:	7
Channels:	13.3 miles
Dam Closures:	9
Locks:	Seabrook: 84 feet by 800 feet Rigolets: 110 feet by 800 feet
Control Structures:	Chef Menteur: 1,200 feet wide Rigolets: 1,100 feet wide Seabrook: 116 feet wide
Floodwalls:	15.5 miles
Floodgates:	3
Pumping Plant:	1

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Division: Lower Mississippi Valley

District: New Orleans  
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Region: Lower Mississippi

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STATUS: (1 January 1980)					
	PERCENT COMPLETE	COMPLETION SCHEDULE		PERCENT COMPLETE	COMPLETION SCHEDULE
<u>Barrier Unit</u>	7	Indefinite 1/			
Locks	0	Indefinite 1/	<u>New Orleans West Unit</u>	3	Indefinite 2/
Roads, Railroads and Bridges	0	Indefinite 1/	Levees and Floodwalls	0	Indefinite 2/
Channels and Canals	10	Indefinite 1/	<u>Mandeville Unit</u>	5	Sep 1982
Breakwaters and Seawalls	0	Indefinite 1/	Levees and Floodwalls	0	Sep 1982
Levees and Floodwalls	2	Indefinite 1/	<u>Chalmette Unit</u>	37	Sep 1991
Floodway Control and Diversion Structures	0	Indefinite 1/	Levees and Floodwalls	32	Sep 1991
Permanent Operating Equipment	0	Indefinite 1/	Permanent Operating Equipment	100	
<u>New Orleans East Unit</u>	38	Feb 1987			
Levees and Floodwalls	45	Feb 1987	<u>Entire Project</u>	18	Sep 1991 3/
Pumping Plants	0	Sep 1985 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 item which local interests have tentatively scheduled for completion in FY 1985.

**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 causes 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.

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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 1979)	Redevelopment Areas (PL 89-136)		
		Parish/County and State	Title	Subsection
		<u>Louisiana</u>		
		Jefferson	IV	(8)
Flood Control	\$264,610,000	Orleans	IV	(8)
Area Redevelopment	3,740,000	St. Bernard	IV	(8)
		St. Charles	IV	(6)
Total Annual Benefits	\$268,350,000	St. John the Baptist	IV	(8)
		St. Tammany	IV	(8)
		Tangipahoa	IV	(8)
		<u>Mississippi</u>		
		Hancock	IV	(8)

**FISCAL YEAR 1981:** The requested amount of \$10,800,000 will be applied as follows:

<u>Barrier Unit</u>	
Engineering and Design	\$220,000
Supervision and Administration	55,000
	Subtotal
	\$275,000
<u>New Orleans East Unit</u>	
Initiate:	
Citrus Back Levee, Station 203 to 219 and 272 to 280, Floodwall	\$450,000
Citrus Back Levee, Capping Floodwalls and Raising Levees	220,000
New Orleans East Lakefront Levee, Paris Road to South Point, Gap Closures	910,000
Continue:	
New Orleans East Back Levee, Station 773 to 1006, 2d Lift	2,750,000
Complete:	
Citrus Back Levee, Station 176 to 574, 2d Lift	100,000
Citrus Lakefront Levee, Inner Harbor Navigation Canal to Paris Road, Levee	60,000
Engineering and Design	350,000
Supervision and Administration	407,000
	Subtotal
	\$3,447,000

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<u>New Orleans West Unit</u>		
Engineering and Design		\$90,000
Supervision and Administration		15,000
	Subtotal	\$105,000
<u>Mandeville Unit</u>		
Engineering and Design		\$10,000
Supervision and Administration		4,000
	Subtotal	\$14,000
<u>Chalmette Unit</u>		
Initiate:		
Station 65 to 274, 2d Lift and Old Paris Road Closure, 1st Lift		\$200,000
Station 1121 to 1568, 1st Enlargement; Verret Floodwall; and Creedmore Canal Drainage Structure		820,000
Station 994 to 1117, 3d Lift and Pipeline Canal Closure, 2d Lift		900,000
Vicinity Paris Road Bridge, Floodwall		350,000
Initiate and Complete:		
Caernarvon, Floodwall Capping		395,000
Continue:		
Station 370 to 682, Levee Enlargement and Pipeline Canal Closure, 2d Lift		720,000
Complete:		
Inner Harbor Navigation Canal East Side, North of Florida Avenue, Levee and Floodwall		1,170,000
Station 9+80 to 65+00, 2d Lift		35,000
Engineering and Design		115,000
Supervision and Administration		454,000
	Subtotal	\$5,159,000
	Grand Total	\$10,800,000

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, a levee and floodwall along the Citrus Lakefront Levee, gap closures in the New Orleans East Lakefront Levee, and a second lift levee and floodwall along the Citrus Back Levee will provide a higher degree of interim protection to the New Orleans East Unit. The same is true for construction of the second lift levee from station 65 to 274, the third lift levee from Station 995 to 1117, the levee enlargement from Station 370 to 682, Station 1121 to 1568, Verret Floodwall, Creedmore Canal Drainage Structure, and the capping of the Caernarvon Floodwall.

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**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	\$22,482,000
Relocations	18,455,000
Cash Contributions:	
Based on 30 percent of total project cost less Seabrook and reimbursement	105,538,000
Based on 15/85 ratio for Seabrook Lock	8,115,000
Capitalization of Operation and Maintenance for Rigolets Lock	22,050,000
Reimbursement: Hurricane Protection	40,360,000
Total	\$217,000,000

Local interests are required to operate and maintain all features of the project works, excluding the Rigolets Navigation Lock and Channel and modified dual-purpose Seabrook Lock. The annual cost to local interests for maintenance and operation is estimated at \$807,000 including \$334,000 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 effectuate 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

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A very severe hurricane, "Betsy," occurred in the project area in September 1965, just prior to 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: Assurances dated 28 July 1966 were accepted on 10 October 1966. Supplemental assurances covering provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act, Public Law 91-646, were executed on 29 May 1975 and were accepted on 8 July 1975. 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: Joint assurances dated 16 August 1966 and 16 June 1967 were accepted on 1 September 1966 and 3 July 1967, respectively. Joint supplemental assurances covering provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act, Public Law 91-646, were executed on 26 February 1975 and were accepted on 17 March 1975. 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: Assurances dated 28 July 1966 were accepted on 29 March 1974. 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. Assurances executed by then Governor John J. McKeithen for and on behalf of the St. Tammany Parish Police Jury on 8 May 1972 were never accepted due to lack of supporting documents. On 19 October 1976, Governor Edwards executed an instrument designating, among other things, the Louisiana Office of Public Works to lend financial assistance in connection with this project. 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.

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- c. Pontchartrain Levee District: Assurances were dated 7 October 1971. Supplemental assurance covering the provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act, Public Law 91-646, that were executed on 15 October 1973, were never accepted due to lack of supporting documents. 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 \$504,360,000 is an increase of \$156,360,000 over the latest estimate (\$348,000,000) submitted to Congress. This change includes increases of \$18,847,000 for higher price levels to 1 October 1979; \$161,556,000 for an estimated inflation allowance from 1 October 1979 through the construction period; \$638,000 due to a construction overrun, \$635,000 based on an actual bid and \$1,348,000 in Engineering and Design and Supervision and Administration based on a reanalysis of requirements. These increases were partially offset by decreases of \$25,000 based on actual cost of completed work, \$11,640,000 in Federal appropriations required prior to reimbursement by local interests based on an updated construction schedule, and \$14,999,000 due to a reanalysis of Federal cost-sharing requirements.

**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 9 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 third quarter of FY 1982.

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.

**BENEFIT TO COST RATIO:** 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 was based on the project functioning independently.

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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 impact 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. This suit is presently in the discovery stage.

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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 Change	Current
Federal Cost (Price Level)	65,784 (Oct 1965)		348,000 (Oct 1978)	504,360 3/
Reason for Change		(282,216)		(156,360)
a. Price Escalation		166,394		180,403 3/
b. Design Changes		47,416		
c. Additional Function Added Under General Authorization				
d. Authorized Modification		57,597		-26,639 1/
e. Post-Contract Award and Other Estimating Adjustments		8,840		2,596 2/
f. Schedule Changes		1,969		
g. Sundry				
h. Real Estate				

- 1/ Decrease includes \$11,640 Federal appropriations required prior to reimbursement by local interests, and \$14,999 based on a reanalysis of Federal cost-sharing requirements.  
2/ Increase based on actual costs of completed work and a reevaluation of Engineering and Design and Supervision and Administration requirements.  
3/ Includes \$161,556 allowance for estimated inflation from 1 October 1979 through the construction period.

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	SUMMARY CONSTRUCTION PROGRAM (PB-1)				
	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1979	CURRENT FISCAL YEAR 1980	BUDGET FISCAL YEAR FY 1981	BALANCE TO COMPLETE AFTER FY 1981
BARRIER UNIT	307,295,000	12,886,000	2,110,000	463,000	291,836,000
LANDS & DAMAGES	4,247,000	735,000	0	38,000	3,474,000
RELOCATIONS	285,000	0	0	0	285,000
LOCKS	71,480,000	0	0	0	71,480,000
ROADS (INCL BRIDGES)	655,000	0	0	0	655,000
CHANNELS & CANALS	7,700,000	765,000	0	0	6,935,000
BREAKWATERS&SEAWALLS	4,600,000	0	0	0	4,600,000
LEVEES&FLOODWALLS	90,335,000	1,624,000	10,000	0	88,701,000
FLO CNTRL + DIV STRU	99,190,000	0	0	0	99,190,000
PERM OP EQUIP	13,000	0	3,000	0	10,000
ENGR & DESIGN	14,980,000	9,163,000	1,827,000	370,000	3,620,000
SUPERVISION & ADMIN	13,810,000	599,000	270,000	55,000	12,886,000
NEW ORL. EAST UNIT	156,640,000	59,918,000	12,489,000	13,287,000	71,146,000
LANDS & DAMAGES	9,930,000	6,073,000	137,000	0	3,720,000
RELOCATIONS	12,650,000	1,931,000	844,000	6,000,000	3,873,000
LEVEES&FLOODWALLS	96,540,000	41,030,000	10,015,000	6,530,000	38,965,000
PUMPING PLANTS	18,220,000	0	0	0	18,220,000
ENGR & DESIGN	12,315,000	7,873,000	800,000	350,000	3,292,000
SUPERVISION & ADMIN	7,185,000	3,011,000	693,000	407,000	3,074,000
NEW ORL. WEST UNIT	98,100,000	2,431,000	395,000	105,000	95,169,000
LANDS & DAMAGES	1,140,000	1,140,000	0	0	0
RELOCATIONS	1,685,000	0	0	0	1,685,000
LEVEES&FLOODWALLS	86,835,000	0	0	0	86,835,000
ENGR & DESIGN	5,370,000	1,184,000	350,000	90,000	3,746,000
SUPERVISION & ADMIN	3,070,000	107,000	45,000	15,000	2,908,000
MANDEVILLE UNIT	1,095,000	36,000	30,000	14,000	1,015,000

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EFFECTIVE DATE 01 JAN 80 DIVN, LOWER MISSISSIPPI DIST, NEW ORLEANS DISTRICT VALL REGION, LOWER MISSISSIPPI BASIN, COASTAL LOUISIANA PROJECT, LK PONTCH & VIC HURR PROT PAGE 1 OF 3 PAGES

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APPROPRIATION TITLE CONSTRUCTION, GENERAL	CLASSIFICATION, FLOOD CONTROL-LOCAL PROTECTION RCS-DAEN-CWS-13				
	SUMMARY CONSTRUCTION PROGRAM (PB-1)				
	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1979	CURRENT FISCAL YEAR 1980	BUDGET FISCAL YEAR FY 1981	BALANCE TO COMPLETE AFTER FY 1981
LEVEES&FLOODWALLS	945,000	0	0	0	945,000
ENGR & DESIGN	77,000	33,000	25,000	10,000	9,000
SUPERVISION & ADMIN	73,000	3,000	5,000	4,000	61,000
CHALMETTE UNIT	117,670,000	43,487,000	1,955,000	8,150,000	64,078,000
LANDS & DAMAGES	7,165,000	6,631,000	0	534,000	0
RELOCATIONS	3,835,000	2,426,000	0	967,000	442,000
LEVEES&FLOODWALLS	91,900,000	29,069,000	1,335,000	6,080,000	55,416,000
PERM OP EQUIP	21,000	21,000	0	0	0
ENGR & DESIGN	7,875,000	3,628,000	470,000	115,000	3,662,000
SUPERVISION & ADMIN	6,874,000	1,712,000	150,000	454,000	4,558,000
FED AND NON-FED					
TOTAL COST - SCHED	681,000,000	118,758,000	16,979,000	22,019,000	523,244,000
UNDELIVERED ORDERS	0	578,000	578,000	0	0
TOTAL OBLIGATIONS	0	119,336,000	16,401,000	22,019,000	523,244,000
FEDERAL FUNDS					
TOTAL COST - SCHED	504,360,000	91,866,000	14,578,000	10,800,000	387,116,000
UNDELIVERED ORDERS	0	578,000	578,000	0	0
TOTAL OBLIGATIONS	0	92,444,000	14,000,000	10,800,000	387,116,000
NON-FEDERAL FUNDS					
TOTAL COST - SCHED	176,640,000	26,892,000	2,401,000	11,219,000	136,128,000
UNDELIVERED ORDERS	0	0	0	0	0
TOTAL OBLIGATIONS	0	26,892,000	2,401,000	11,219,000	136,128,000

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SUMMARY CONSTRUCTION PROGRAM (PB=1)					
METHOD OF FINANCING	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1979	CURRENT FISCAL YEAR 1980	BUDGET FISCAL YEAR FY 1981	BALANCE TO COMPLETE AFTER FY 1981
FED AND NON-FED ALLOCATIONS		119,336,000	16,401,000		
UNOS CARRYOVER PFY					
TOTAL AVAIL FOR OBL		0	16,401,000		
APPROPRIATION REQUIRED				22,019,000	523,244,000
FEDERAL FUNDS ALLOCATIONS		92,444,000	14,000,000 1/		
UNOS CARRYOVER PFY					
TOTAL AVAIL FOR OBL		0	14,000,000		
APPROPRIATION REQUIRED				10,800,000	387,116,000
				FUTURE FEDERAL REQUIREMENTS	
				FISCAL YEAR 1982	26,800,000
				FISCAL YEAR 1983	25,200,000
				FISCAL YEAR 1984	28,300,000
				FISCAL YEAR 1985	41,700,000
				REMAINING BALANCE	265,116,000
NON-FEDERAL FUNDS CONTRIBUTIONS		26,892,000	2,401,000		
UNOS CARRYOVER PFY					
TOTAL AVAIL FOR OBL		0	2,401,000		
CONTRIBUTION REQUIRED				11,219,000	136,128,000
				FUTURE NON-FED REQUIREMENTS	
				FISCAL YEAR 1982	2,475,000
				FISCAL YEAR 1983	995,000
				FISCAL YEAR 1984	16,805,000
				FISCAL YEAR 1985	8,209,000
				REMAINING BALANCE	107,644,000

1/ Reflects \$1,000,000 reduction assigned as savings and slippages and reflects proposed transfer and/or Supplemental Appropriation of \$4,000,000 to the project.

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EFFECTIVE DATE 01 JAN 80  
DIVN, LOWER MISSISSIPPI VALLEY REGION, LOWER MISSISSIPPI DIST, NEW ORLEANS DISTRICT BASIN, COASTAL LOUISIANA  
28 JAN 1980  
PROJECT, LK BENTCH & VIC HURN PROT  
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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.

REMAINING BENEFIT-REMAINING COST RATIO: 6.1 to 1

SUMMARIZED FINANCIAL DATA		Accumulated % of Estimated Federal Cost	STATUS (1 January 1980)	PERCENT COMPLETE	COMPLETION SCHEDULE
Estimated Federal Cost	\$50,100,000				
Estimated Non-Federal Cost	21,500,000				
Cash Contribution	\$13,220,000		Levees and Floodwalls	15	May 1994
Other	8,280,000		Entire Project	21	May 1994
Total Estimated Project Cost	\$71,600,000				
Allocations to 30 September 1979	10,732,000				
Conference Allowance for FY 1980	7,800,000				
Allocation for FY 1980	4,985,000 1/				
Allocations to Date	15,717,000	31			
Appropriation Requested for FY 1981	6,815,000	45			
Balance to Complete After FY 1981	27,568,000				

1/ Reflects \$1,000,000 reduction assigned as Savings and Slippage and transfer of \$1,815,000 from the project.

Levees	Floodgates	Drainage Structures
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.	2 - 56-foot sector-gated	8 multibarreled culverts controlled by flap gates

Division: Lower Mississippi Valley  
District: New Orleans  
Region: Lower Mississippi  
Larose to Golden Meadow, Louisiana (Hurricane Protection)  
28 JAN 1980  
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