

APPROPRIATION TITLE: Construction General - Local Protection (Flood Control)

PROJECT: Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection) (Continuing)

1980

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-COST RATIO: 14.0 to 1

SUMMARIZED FINANCIAL DATA		Accumulated % of Estimated Appropriation Requirements
Estimated Total Appropriation Requirement	\$348,000,000	
Future Non-Federal Reimbursement	\$52,000,000	
Estimated Federal Cost (Ultimate)	\$296,000,000	
Estimated Non-Federal Cost	137,000,000	
Reimbursement:		
Hurricane Protection	52,000,000	
Cash Contribution	51,058,000	
Other	33,942,000	
Total Estimated Project Cost	\$433,000,000	
Allocations to 30 September 1978	\$92,214,000	
Conference Allowance for FY 1979	0	
Allocation for FY 1979	0	
Allocations to Date	92,214,000	27
Appropriation Requested for FY 1980	11,000,000	30
Balance to Complete After FY 1980	245,586,000	

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 22 JAN 1979

Region: Lower Mississippi
Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)

STATUS: (1 January 1979)

	PERCENT COMPLETE	COMPLETION SCHEDULE		PERCENT COMPLETE	COMPLETION SCHEDULE
Barrier Unit	6	Indefinite 1/			
Locks	0	Indefinite 1/	New Orleans West Unit	5	Indefinite 3/
Roads, Railroads and Bridges	0	Indefinite 1/	Levees and Floodwalls	0	Indefinite 3/
Channels and Canals	17	Indefinite 1/	Mandeville Unit	3	Indefinite 4/
Breakwaters and Seawalls	0	Indefinite 1/	Levees and Floodwalls	0	Indefinite 4/
Levees and Floodwalls	4	Indefinite 1/	Chalmette Unit	47	Jan 1990
Floodway Control and Diversions Structures	0	Indefinite 1/	Levees and Floodwalls	41	Jan 1990
Permanent Operating Equipment	0	Indefinite 1/	Permanent Operating Equipment	100	
New Orleans East Unit	46	Nov 1986	Entire Project	26	Indefinite
Levees and Floodwalls	49	Nov 1986			
Pumping Plants	0	Indefinite 2/			

- 1/ Completion schedule indefinite pending completion of the Restudy, Resubmission of Environmental Impact Statement, and final clearance in the courts.
- 2/ Completion schedule indefinite due to construction to be done by local interests.
- 3/ Completion schedule indefinite pending completion of additional detailed environmental studies.
- 4/ Completion schedule indefinite pending resolution of objections by local interests to construction of this feature.

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 tidal passes at the Rigolets, 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 the multipurpose of flood control, salinity control, and navigational benefits. 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	Redevelopment Areas (PL 89-136)		
		Parish/County and State	Title	Subsection
Flood Control	\$245,515,000	Louisiana		
Area Redevelopment	3,614,000	Jefferson	IV	(8)
		Orleans	IV	(8)
Total Annual Benefits	\$249,129,000	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)

FISCAL YEAR 1980: The requested amount of \$11,000,000 will be applied as follows:

Barrier Unit

Engineering and Design	\$370,000
Supervision and Administration	40,000
Subtotal:	\$410,000

New Orleans East Unit

Initiate:	
New Orleans East Back Levee, Station 773 to 1006, 2d lift	695,000
Citrus Lakefront Levee, Inner Harbor Navigation Canal to Paris Road, Levee	1,070,000
Initiate and Complete:	
New Orleans East Lakefront Levee, Paris Road to South Point, Gap Closures	850,000
Complete:	
Citrus Back Levee, Station 176 to 574, 2d lift	1,065,000

New Orleans East Unit: (Continued)

Complete: (Continued)	
Citrus Back Levee, Station 203 to 219 and 272 to 280, Floodwall	\$855,000
Citrus Lakefront Levee, Inner Harbor Navigation Canal to Paris Road, Floodwall	1,615,000
Engineering and Design	330,000
Supervision and Administration	385,000
Subtotal	\$6,865,000

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New Orleans West Unit

Engineering and Design	\$23,000
Supervision and Administration	2,000
Subtotal	\$25,000

Chalmette Unit:

Initiate and Complete:	
Vicinity Paris Road Bridge, Floodwall	190,000
Continue:	
Station 65 to 274, 2d Lift and Old Paris Road Closure, 1st Lift	855,000
Inner Harbor Navigation Canal East Side, North of Florida Avenue, Levee and Floodwall	1,000,000

Chalmette Unit: (Continued)

Complete:	
Station 9+80 to 65+00, 2d Lift Levee	330,000
Station 370 to 682, Levee Enlargement and Pipeline Canal Closure, 2d Lift	1,045,000
Engineering and Design	80,000
Supervision and Administration	200,000
Subtotal	\$3,700,000

Grand Total \$11,000,000

The levee and floodwall north of Florida Avenue, and the second lift levee along the Inner Harbor Navigation Canal from Station 9+80 to 65+00 will close two 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, 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 levee enlargement Station 370 to 682 in the Chalmette Unit.

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	\$18,970,000
Relocations	14,972,000
Cash Contributions:	
Based on 30 percent of total project cost less Seabrook and reimbursement	32,258,000
Based on 15/85 ratio for Seabrook Lock	5,860,000
Capitalization of Operation and Maintenance for Rigolets Lock	12,940,000
Reimbursement: Hurricane Protection	52,000,000
Total	\$137,000,000

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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 \$751,000 including \$311,000 for 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

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.

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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.
- 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.

COMPARISON OF FEDERAL COST ESTIMATES: The current Federal cost estimate of \$348,000,000 is an increase of \$18,100,000 over the latest estimate (\$329,900,000) submitted to Congress. This change includes increases of \$16,337,000 for higher price levels, \$359,000 based on actual costs of completed work, \$1,601,000 for additional Federal appropriations required prior to reimbursement by local interests based on an updated construction schedule (excluding higher price levels of \$499,000 reported above), and \$268,000 in Engineering and Design and Supervision and Administration based on a reanalysis of requirements. These increases were partially offset by a net decrease of \$465,000 based on more detailed planning for construction.

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 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.

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BENEFIT TO COST RATIO: The benefit to cost ratio last presented to Congress (FY 1979) was 13.7 to 1. The current benefit to cost ratio is 14.0 to 1. The benefit to cost ratio is based on the project functioning independently.

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 co-defendant) 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, 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. This suit is presently in the discovery stage.

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HISTORICAL CHANGES IN BASELINE FEDERAL COST ESTIMATE:

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

Division: Lower Mississippi Valley
District: New Orleans

Item	Estimates Presented to Congress (\$1,000)			
	Original Baseline	Cumulative Changes	Last	Incremental Change
Federal Cost (Price Level)	65,784 (Oct 1965)		329,900 (Oct 1977)	348,000 (Oct 1978)
Reason for Change		(264,116)		(18,100)
a. Price Escalation		150,057		16,337
b. Design Changes		47,881		-465
c. Additional Function Added Under General Authorization				1,601
d. Authorized Modification		55,996		
e. Post-Contract Award and Other Estimating Adjustments		8,213		627 1/
f. Schedule Changes				
g. Sundry		1,969		
h. Real Estate				

1/ Increase based on actual costs of completed work and a reevaluation of Engineering and Design and Supervision and Administration requirements.

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Lake Pontchartrain, Louisiana, and Vicinity (Hurricane Protection)

APPROPRIATION TITLE CONSTRUCTION GENERAL	CLASSIFICATION, FLOOD CONTROL-LOCAL PROTECTION RCS-DAEN-CWB-13				
	SUMMARY CONSTRUCTION PROGRAM (PB-1)				
	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1978	CURRENT FISCAL YEAR 1979	BUDGET FISCAL YEAR PY 1980	BALANCE TO COMPLETE AFTER FY 1980
BARRIER UNIT	174,835,000	10,246,000	2,705,000	540,000	161,344,000
LANDS - DAMAGES	2,575,000	735,000	0	0	1,840,000
RELOCATIONS	162,000	0	0	0	162,000
LOCKS	46,625,000	0	0	0	46,625,000
ROADS (INCL BRIDGES)	175,000	0	0	0	175,000
CHANNELS - CANALS	4,600,000	765,000	0	0	3,835,000
BREAKWATERS SEAWALLS	3,350,000	0	0	0	3,350,000
LEVEES-FLOODWALLS	42,485,000	1,348,000	455,000	0	40,682,000
FLD CNTRL + DIV STRU	55,790,000	0	0	0	55,790,000
PERM OP EQUIP	10,000	0	0	0	10,000
ENGR - DESIGN	11,300,000	6,891,000	2,070,000	500,000	1,839,000
SUPERVISION - ADMIN	7,763,000	507,000	180,000	40,000	7,036,000
NEW ORL; EAST UNIT	124,600,000	56,144,000	3,895,000	14,083,000	50,478,000
LANDS - DAMAGES	8,230,000	6,058,000	0	110,000	2,062,000
RELOCATIONS	10,390,000	2,059,000	120,000	7,008,000	1,203,000
LEVEES-FLOODWALLS	78,390,000	37,940,000	3,035,000	6,250,000	31,165,000
PUMPING PLANTS	11,000,000	0	0	0	11,000,000
ENGR - DESIGN	10,855,000	7,217,000	490,000	330,000	2,818,000
SUPERVISION - ADMIN	5,735,000	2,870,000	250,000	385,000	2,230,000
NEW ORL; WEST UNIT	41,960,000	2,043,000	150,000	25,000	39,742,000
LANDS - DAMAGES	1,140,000	1,140,000	0	0	0
RELOCATIONS	965,000	0	0	0	965,000
LEVEES-FLOODWALLS	35,765,000	0	0	0	35,765,000
ENGR - DESIGN	2,690,000	812,000	130,000	23,000	1,725,000
SUPERVISION - ADMIN	1,400,000	91,000	20,000	2,000	1,287,000
MANDEVILLE UNIT	810,000	26,000	4,000	0	780,000

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EFFECTIVE DATE 01 JAN 79 DIVN/LOWER MISSISSIPPI DIST/NEW ORLEANS DISTRICT VALL REGION/ LOWER MISSISSIPPI BASIN, COASTAL LOUISIANA PROJECT, LK PONTCH - VIC HURR PROT 178 JAN 1979 PAGE 1 OF 3 PAGES

APPROPRIATION TITLE CONSTRUCTION GENERAL	CLASSIFICATION, FLOOD CONTROL-LOCAL PROTECTION RCS-DAEN-CWB-13				
	SUMMARY CONSTRUCTION PROGRAM (PB-1)				
	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1978	CURRENT FISCAL YEAR 1979	BUDGET FISCAL YEAR PY 1980	BALANCE TO COMPLETE AFTER FY 1980
LEVEES-FLOODWALLS	690,000	0	4,000	0	690,000
ENGR - DESIGN	66,000	24,000	0	0	38,000
SUPERVISION - ADMIN	54,000	2,000	0	0	52,000
CHALMETTE UNIT	90,795,000	42,392,000	1,367,000	4,944,000	42,092,000
LANDS - DAMAGES	7,025,000	6,631,000	0	394,000	0
RELOCATIONS	3,455,000	2,426,000	0	760,000	269,000
LEVEES-FLOODWALLS	69,245,000	28,358,000	872,000	3,510,000	36,505,000
PERM OP EQUIP	21,000	21,000	0	0	0
ENGR - DESIGN	6,230,000	3,309,000	410,000	80,000	2,431,000
SUPERVISION - ADMIN	4,819,000	1,647,000	85,000	200,000	2,887,000
FED AND NON-FED TOTAL COST - SCHED UNDELIVERED ORDERS TOTAL OBLIGATIONS	433,000,000	110,851,000	8,121,000	19,592,000	294,436,000
	0	6,350,000	-6,350,000	0	0
	0	117,201,000	1,771,000	19,592,000	294,436,000
FEDERAL FUNDS TOTAL COST - SCHED UNDELIVERED ORDERS TOTAL OBLIGATIONS	348,000,000	84,503,000	7,711,000	11,000,000	244,786,000
	0	6,130,000	-6,130,000	0	0
	0	90,633,000	1,581,000	11,000,000	244,786,000
NON-FEDERAL FUNDS TOTAL COST - SCHED UNDELIVERED ORDERS TOTAL OBLIGATIONS	85,000,000	26,348,000	410,000	8,592,000	49,650,000
	0	220,000	-220,000	0	0
	0	26,568,000	190,000	8,592,000	49,650,000

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EFFECTIVE DATE 01 JAN 79 DIVN/LOWER MISSISSIPPI DIST/NEW ORLEANS DISTRICT VALL REGION/ LOWER MISSISSIPPI BASIN, COASTAL LOUISIANA PROJECT, LK PONTCH - VIC HURR PROT 179 JAN 1979 PAGE 2 OF 3 PAGES

APPROPRIATION TITLE CONSTRUCTION/GENERAL	CLASSIFICATION, FLOOD CONTROL-LOCAL PROTECTION RCS-DAEN-CWB-13				
	SUMMARY CONSTRUCTION PROGRAM (PB-1)				
METHOD OF FINANCING	PROJECT COST ESTIMATE	TOTAL COST TO 30 SEP 1978	CURRENT FISCAL YEAR 1979	BUDGET FISCAL YEAR FY 1980	BALANCE TO COMPLETE AFTER FY 1980
FED AND NON-FED ALLOCATIONS		118,782,000	190,000		
UNOB CARRYOVER RPY			1,581,000		
TOTAL AVAIL FOR DBL		0	1,771,000		
APPROPRIATION REQUIRED				19,592,000	294,436,000
FEDERAL FUNDS ALLOCATIONS		92,214,000	0		
UNOB CARRYOVER RPY			1,581,000		
TOTAL AVAIL FOR DBL		0	1,581,000		
APPROPRIATION REQUIRED				11,000,000	244,786,000
				FUTURE FEDERAL REQUIREMENTS	
				FISCAL YEAR 1981	17,900,000
				FISCAL YEAR 1982	18,000,000
				FISCAL YEAR 1983	18,000,000
				FISCAL YEAR 1984	19,000,000
				REMAINING BALANCE	171,886,000
NON-FEDERAL FUNDS CONTRIBUTIONS		26,566,000	190,000		
UNOB CARRYOVER RPY					
TOTAL AVAIL FOR DBL		0	190,000		
CONTRIBUTION REQUIRED				8,592,000	49,650,000
				FUTURE NON-FED REQUIREMENTS	
				FISCAL YEAR 1981	658,000
				FISCAL YEAR 1982	1,005,000
				FISCAL YEAR 1983	1,550,000
				FISCAL YEAR 1984	10,380,000
				REMAINING BALANCE	36,057,000

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EFFECTIVE DATE 01 JAN 79 DIVISION LOWER MISSISSIPPI VALLEY REGION LOWER MISSISSIPPI BASIN, COASTAL LOUISIANA PROJECT, LK PONTCH - VIC HURR PROT JAN 1979 PAGE 3 OF 3 180 PAGES

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-COST RATIO: 2.7 to 1

SUMMARIZED FINANCIAL DATA	Accumulated % of Estimated Federal Cost	STATUS: (1 January 1979)	PERCENT COMPLETION SCHEDULE	
			PERCENT COMPLETE	COMPLETION SCHEDULE
Estimated Federal Cost	\$38,900,000			
Estimated Non-Federal Cost	16,600,000	Levees and Floodwalls	17	Dec 1992
Cash Contribution	\$9,680,000	Entire Project	23	Dec 1992
Other	6,920,000			
Total Estimated Project Cost	\$55,500,000			
Allocations to 30 September 1978	9,162,000			
Conference Allowance for FY 1979	6,000,000			
Allocation for FY 1979	5,000,000 1/			
Allocations to Date	19,162,000	36		
Appropriation Requested for FY 1980	7,800,000	56		
Balance to Complete After FY 1980	16,938,000			

1/ Reflects \$1,000,000 reduction assigned as savings and slippage.

PHYSICAL DATA		
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

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Division: Lower Mississippi Valley

District: New Orleans JAN 1979 Region: Lower Mississippi
Larose to Golden Meadow, Louisiana (Hurricane Protection)

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