

MISSISSIPPI RIVER COMMISSION*

The Mississippi River Commission (MRC) was created by an act of Congress on Jun. 28, 1879. The Flood Control Act of May 15, 1928, authorized the Flood Control, Mississippi River and Tributaries (MR&T) Project. The Commission consists of three officers of the Corps of Engineers, one from the former Coast and Geodetic Survey (presently the National Oceanic and Atmospheric Administration), and three civilians, two of whom must be civil engineers. All members are appointed by the President with the advice and consent of the Senate.

During the fiscal year, the members of the Mississippi River Commission were: BG Robert Crear, who assumed command as Commander, Mississippi Valley Division, and President Designee of the Mississippi River Commission, on Jun. 3, 2004, and was appointed as a member and President Oct. 6, 2006; Mr. Sam E. Angel, reappointed as member, Nov. 15, 1999; Mr. R. D. James, civil engineer, reappointed as member Apr. 16, 2003; Mr. William Clifford Smith, civil engineer, appointed Oct. 22, 1998; BG Bruce A. Berwick, Commander, Great Lakes and Ohio River Division, appointed as member Oct. 6, 2006; RADM Samuel P. De Bow, Jr., NOAA, appointed as member Oct. 6, 2006; BG Gregg F. Martin, Commander, Northwestern Division, appointed as member Oct. 6 2006; and COL Albert M. Bleakley, Jr., Secretary of the Commission (nonvoting position).

The MRC is charged, under direction of the Secretary of the Army and supervision of the Chief of Engineers, with prosecution of improvements for flood control of the Mississippi River and of its tributaries and outlets in its alluvial valley, so far as they are affected by Mississippi River backwater, between Head of Passes, LA (mile 0), and Cape Girardeau, MO (1,006 miles AHP-Lower Mississippi mileage terminates at mile 954 AHP), and with prosecution of improvements in the interest of navigation between Cairo, IL (954 miles AHP), and Baton Rouge, LA (234 miles AHP); and for stabilization of the lower 7 miles of the right bank of the Ohio River, to former mouth of Cache River. It also is charged with prosecution of certain flood control works on the Mississippi River and tributaries, as far as they are affected by backwater, between Cape Girardeau, MO, and Rock Island, IL (1,437 miles AHP), and with prosecution of

improvements on designated tributaries and outlets below Cape Girardeau for flood control, navigation, major drainage, and related water uses. Authorized operations of the Commission below Cape Girardeau are conducted by District Engineers of New Orleans, Vicksburg, Memphis, and St. Louis Districts within the areas described below, in accordance with approved directives and programs and congressional appropriations therefore.

The Mississippi River Commission continued its 128-year tradition of listening, inspecting, partnering, and engineering in the Mississippi Valley by conducting its 376th Session on Apr. 15-20, 2007, onboard the motor vessel *Mississippi* en route from Caruthersville, MO, to Baton Rouge, LA. Public hearings were held at Caruthersville; Memphis, TN; Natchez, MS; and Baton Rouge. More than 225 people attended these public meetings. On Sunday, Apr. 15, COL Charles Smithers III, District Engineer, Memphis District, briefed the members on the status of projects and critical issues within his area of operations. This was followed by a partnering session with local stakeholders. On Monday, Apr. 16, personnel from the Northwestern Division presented a briefing detailing local issues and listening session opportunities with regard to the planned Commission trip to the Missouri River Basin to coincide with the low-water inspection trip in August. In the evening, the members held a partnering session with local sponsors and stakeholders. On Tuesday, Apr. 17, BG Crear updated the members on the status of the coastal recovery mission in Louisiana and Mississippi resulting from hurricanes Katrina and Rita. On Wednesday, Apr. 18, COL Anthony Vesay, District Engineer, Vicksburg District, provided a project status update and overview of key issues within his District. That same day, the members were hosted by the city of Natchez as part of an inspection of city's the Section 592 project. This project is an ongoing effort to rehabilitate and modernize a 100-year-old system of massive, underground drainage culverts. On Thursday, Apr. 19, COL Richard Wagenaar, District Engineer, New Orleans District, provided the members with a project status update and an analysis of critical issues within his area of operations. RADM De Bow also briefed the members on the forecast for the upcoming 2007 hurricane season.

* Authorizing legislation (Tables 41-D and 41-E) is listed at the end of this chapter. All other tables are referenced in text and also appear at the end of the chapter.

REPORT OF THE SECRETARY OF THE ARMY ON CIVIL WORKS ACTIVITIES FOR FY 2007

From Aug. 11-16, the Mississippi River Commission conducted a listening and inspection tour of the Missouri River Basin. This trip represented a continuation of the Commission's desire to share experiences, information, and lessons learned from the watershed management practices of tributary basins as inaugurated by the Commission's 2005 listening and inspection tour of the Ohio River. On Sunday, Aug. 12, the members participated in a tribal powwow in Hays, MT, with tribal elders from the Assiniboine and Gros Ventre Tribes. In subsequent dialog, the members listened to the concerns of the tribal elders with respect to land and water rights, protection of cultural resources, infrastructure rehabilitation and modernization, and economic development opportunities. On Monday, Aug. 13, the members met with Governor Hoeven of North Dakota and various local stakeholders and discussed the impacts and realities of the ongoing 8-year drought in the region. The following day, Aug. 14, the members traveled to South Dakota and met with Governor Rounds and other state officials. The discussion again centered on the extreme drought conditions in the region and the application of the 1944 Flood Control Act., but other issues such as flood control, hydropower, recreation, and water supply also were discussed at length. The members conducted a site visit of the Oahe Dam to discuss water levels, sedimentation, endangered species, and other challenges. On Wednesday, Aug. 15, the members traveled to Kansas City, MO, and received an overview briefing on key issues at the confluence of the Missouri and Kansas Rivers. Key issues discussed involved bed degradation of the Missouri River, impacts to the water supply for over 1.2 million people at Kansas City and Johnson County, KA. The members also viewed the L-385 levee and experienced the great partnership between the local municipality, the local levee district, and the Corps of Engineers. Later that day, the members traveled to Jefferson City, MO, and met at the governor's mansion with the staff of several state agencies. On Thursday, Aug. 16, the members took a barge trip on the Missouri River and were able to discuss and inspect issues concerning the need for a reliable navigation channel for commercial traffic, examples of rock dike structures providing habitat for the endangered pallid sturgeon, the impacts of low water on hydropower generation and drinking water supplies, and the degradation of the river.

The 376th Session was held Aug. 17-24, 2007, onboard the motor vessel *Mississippi* en route from St. Louis, MO, to Morgan City, LA. Public hearings

were held at St. Louis; Cape Girardeau, MO; Memphis; Greenville, MS; and Morgan City. More than 500 people attended the meetings. During the course of the trip, the District Engineers from the St. Louis, Memphis, Vicksburg, and New Orleans Districts provided briefings on the status of projects and critical issues within their areas of operation. On Thursday, Aug. 16, the members received a briefing in St. Louis on the Navigation and Ecosystem Sustainability Program and the Upper Mississippi River Comprehensive Plan. On Tuesday, Aug. 21, the members visited the Mud Island River Park and participated in the dedication ceremony of a historic benchmark commemorating the long-standing partnership between the National Oceanic & Atmospheric Administration, the Corps of Engineers, and the Mississippi River Commission. On Wednesday, Aug. 22, the members hosted the International Commission for the Protection of the Danube River aboard the motor vessel *Mississippi*. The two commissions shared lessons learned and exchanged briefings on their respective projects and history.

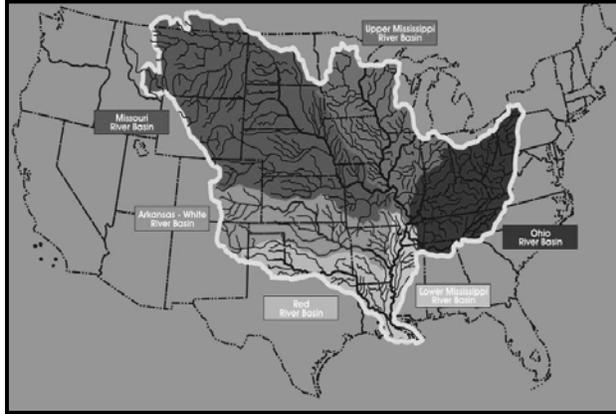
On Thursday, Aug. 23, the members received status briefings from Task Force Hope Director, Karen Durham-Aguilera, on the Louisiana Coastal Protection and Restoration and the Hurricane Protection system. Personnel from the New Orleans District also presented a briefing on the Louisianan Coastal Authority. Following the briefings, the members boarded the motor vessel *Teche*, a survey boat, and conducted a site inspection of the 35-foot channel study area in the Atchafalaya Basin. The members viewed firsthand examples of fluff and the delta building process and inspected maintenance issues of the low-water channel when it falls below the authorized 20-foot channel level.

During the fiscal year, the Mississippi River Commission listened to, inspected alongside, partnered, and evaluated engineering solutions with more than 1,000 stakeholders, state representatives, nongovernment organization representatives, and local interests.

The mission of the Mississippi River Commission includes balancing the requirements of flood control, navigation, and the environment by providing water resource engineering direction and policy advice to the Administration, Congress, and the Army in a drainage basin that comprises 41 percent of the United States and

MISSISSIPPI RIVER COMMISSION

2 provinces of Canada, and to lead sustainable management and development of water and related resources for the nation's benefit and the people's well-being.



The basin drains 41% of the US: - 31 States, 2 Canadian Provinces

The unique structure of the Mississippi River Commission continues to serve the nation well (military and civilian): the three engineer officers from the Army, one uniformed officer from NOAA, and three civilian members (two must be civil engineers).

- Since August 1997, the Mississippi River Commission has resumed its inspection of upper Mississippi River. In August 2005, the Commission conducted a listening and inspection tour of the Ohio River Basin and in August of 2007, did the same on the Missouri River Basin; both in an effort to share and learn from experiences from the watershed management of those tributary basins.
- Stakeholders and the public have requested Mississippi River Commission involvement in several major studies and projects.
- For projects and studies that require a broad watershed approach with multiple levels of interest, the Mississippi River Commission's authorities, resources, and relationships continue to prove effective.

The Mississippi River Commission provides:

- A valuable forum, voice, and partner for diverse interests throughout the basin.

- Implementation oversight for a range of water resource activities and comprehensive management of the Mississippi River & Tributaries Project.
- An established record of expertise and accomplishment.
- A clear charter that includes the entire watershed.
- An avenue to task U.S. Army Corps and NOAA for equipment and personnel.
- Working relationships with the Chief of Engineers, the Assistant Secretary of the Army for Civil Works, and Congress to address challenges and make improvements in the watershed.

The Records of Proceedings for all sessions of the Mississippi River Commission are on file in the office of the President at the Mississippi River Commission building in Vicksburg, MS.

New Orleans District: Mississippi River project levees and river channel stabilization as required from Head of Passes, mile 0 to 320 AHP, construction of three salinity-control structures for fish and wildlife enhancement, two in lower Mississippi River Delta region, and one in the Mississippi-Louisiana Estuarine Area; Bonnet Carré and Morganza Floodways; maintenance and improvements of Mississippi River navigation channel from Baton Rouge, LA (mile 234 AHP), to mile 320; Baton Rouge Harbor (Devils Swamp); navigation improvement of Atchafalaya and Old Rivers from Mississippi River to Morgan City; control of Old and Atchafalaya Rivers; Atchafalaya Basin Floodways; flood control and drainage improvements in Bayou Cocodrie and tributaries, in Bayou des Glaises, and in Upper Pointe Coupee Loop area; and freshwater distribution from Atchafalaya River to Teche-Vermilion Basins.

Vicksburg District: Mississippi River project levees and river channel stabilization as required from upper limits of New Orleans District (mile 320 AHP) in vicinity of Black Hawk, LA, to Coahoma-Bolivar County line, MS (mile 620 AHP) on left bank, and to vicinity of mouth of White River, AR (mile 599 AHP), on right bank including south bank Arkansas River levee to vicinity of Pine Bluff, AR, and north bank

levee to vicinity of Tucker on left bank of Plum Bayou, AR; bank stabilization in lower 36.1 miles of Arkansas River; maintenance and improvement of Mississippi River navigation channel between miles 320 and 599 AHP; Vicksburg and Greenville Harbors; specific fish and wildlife facilities in Tensas, Yazoo, and Big Sunflower Basins; a demonstration erosion control project in the Yazoo Basin; flood control and drainage improvements in Red River backwater area including leveed portions east and west of Black River and south of Red River; Jonesville, LA, Boeuf and Tensas Rivers, Bayou Macon Basins and tributaries, AR and LA, and Bayou Lafourche, LA; Yazoo River Basin, MS, including backwater area; Big and Little Sunflower Rivers, Deer Creek, and Steele Bayou, MS; and Grand Prairie Region and Bayou Meto Basin, AR, including provision for agricultural water supply.

Memphis District: Mississippi River project levees and river channel stabilization as required, from upper limits of Vicksburg District to north bank of Little River diversion channel, MO (1,003 miles AHP), a few miles below Cape Girardeau, MO, on right bank, and to Cache River diversion channel (967 miles AHP) above Cairo, IL, on left bank, including levees and revetment on right bank of Ohio River, in Mounds-Mound City area, IL; except operations above Cairo, IL, do not include channel stabilization on the Mississippi River. Maintenance and improvement of Mississippi River navigation channel between mile 599 and 954 AHP and of Memphis Harbor, TN; specific fish and wildlife facilities in St. Francis Basin; levees in White River backwater area up to vicinity of Augusta, AR, and a pumping plant near mouth of White River; levees and pumping plants at De Valls Bluff and Des Arc, AR; channel improvements in Cache River Basin, AR; channel improvements in Big Creek and tributaries, AR; improvement works in St. Francis River Basin, MO and AR, including backwater area improvements in Belle Fountain Ditch and Drainage District No. 17, AR; Castor River diversion channel, MO, and L'Anguille River, AR; Wolf River Basin, TN; Obion and Forked Deer River Basins, TN; Reelfoot Lake area, including channel improvement for Bayou du Chien and Lake No. 9, TN and KY; West Kentucky tributaries, KY; Mud Lake pumping station, TN; and pumping plants and outlet structures in the Cairo-Mounds-Mound City area, IL. Channel improvements to Francis Bland Floodway Ditch (Eight Mile Creek), Arkansas; Whiteman's Creek Ten Mile and Fifteen Mile Bayous in West Memphis, and vicinity Arkansas; Horn Lake Creek and Tributaries,

Mississippi; and Nonconnah Creek, Tennessee and Mississippi. Navigation channel and harbor improvements to Helena Harbor and vicinity, Arkansas at Mississippi River, mile 652 AHP. Channel improvements and pumping station for Helena, Phillips County, and vicinity, Arkansas and St. Johns Bayou and New Madrid Floodway, Missouri.

Field operations of the commission restricted to levee construction under Sec. 6, 1928 Flood Control Act (local interests contributing one-third of costs and furnishing rights-of-way) are conducted within the following limits by two districts reporting directly to the Commission on matters within their jurisdiction—
St. Louis District: Mississippi River (Sec. 6) levees from upper limits of Memphis District to Clemens Station, MO (1,254 miles AHP), on right bank, and Hamburg Bay, IL (1,215 miles AHP), on left bank, and Illinois River from its mouth to mile 120 at Havana, IL.
Rock Island District: Mississippi River (Sec. 6) levees from upper limits of St. Louis District to Rock Island, IL (1,437 miles AHP). For work accomplished see Table 42-N, page 42-50, Annual Report for 1975.

St. Louis District: Wappapello Dam and Lake is located on the upper St. Francis River in Sections 2 and 3, Township 26 North, Range 7 East, Wayne County, Missouri. The dam is located at river mile 213.2; 16 miles northeast of Poplar Bluff, Missouri; less than 1 mile southwest of Wappapello, Missouri. This dam and reservoir project provides flood control, recreation, water quality, and conservation of fish and wildlife. Wappapello Lake consists of 44,349 acres of land and 8,400 acres of water.

MISSISSIPPI RIVER AND ALLUVIAL VALLEY BELOW CAPE GIRARDEAU, MO

Location and description. The Mississippi River rises in Lake Itasca, MN, and flows generally southerly for 2,340 miles through the central portion of United States to empty into the Gulf of Mexico 115 miles below New Orleans. It is improved for barge navigation for 1,832 miles to Minneapolis, MN. The Mississippi River and its major tributaries, the Missouri, Ohio, St. Francis, White, Arkansas, Yazoo, and Red-Old Rivers, drain 1,245,000 square miles in all or part of 31 states between the Rocky and Appalachian Mountains and part of two Canadian provinces. Below Cape Girardeau, MO, 53 miles above Ohio River, river bottomlands widen abruptly into an alluvial valley of 35,460 square miles which was originally subjected to flood overflow.

MISSISSIPPI RIVER COMMISSION

A major part of the alluvial valley has been protected from floods by levees which confine floodflows within a floodplain having an average width of 5 miles. (See map of alluvial valley of Mississippi River, scale 1:500,000.) Observations made by Mississippi River Commission to Sep. 30, 1982, show approximate all-time maximum and minimum discharges between levees as follows: Cairo to White River, 2,000,000 and 70,000 cubic feet per second; thence to Red River, 2,150,000 and 90,000 cubic feet per second; thence to the Gulf of Mexico, 1,500,000 and 50,000 cubic feet per second in Mississippi River and 660,000 and 11,000 cubic feet per second in Atchafalaya River. As the 1927 floodflow was not con-fined between levees, maximum discharges recorded do not include entire flow of the 1927 flood, maximum of record below White River. High water and flood stages usually occur in late winter or early spring, but great floods such as that of 1937 occurred as early as January. Low water stages generally prevail from August to December. Extreme all-time high in stages recorded at representative gages (rounded to nearest foot) are 60 feet at Cairo, 49 feet at Memphis, 61 feet at Red River Landing, and 21 feet at New Orleans (Carrollton). The river is nontidal above Red River Landing where tidal amplitude rarely exceeds 0.1 foot during extreme low water.

Previous projects. For details see page 1944, Annual Report for 1932.

Existing project. The Mississippi River and Tributaries Project in the alluvial valley between Head of Passes, LA, and Cape Girardeau, MO, provides protection from floods by means of levees, floodwalls, floodways, reservoirs (in Yazoo and St. Francis Basins), bank stabilization, and channel improvements in and along the river and its tributaries and outlets insofar as affected by backwater of Mississippi River, including levee work on the main stem between Cape Girardeau and Rock Island. When completed, 23,621 square miles will be protected from the Mississippi River project flood. The project also provides for a 12- by 300-foot navigation channel between Baton Rouge, LA, and Cairo, IL; for salinity-control structures; and for channel realignment and improvement including bank stabilization and dikes to reduce flood heights, control natural tendency of river to lengthen by meandering, and protect levees from being destroyed by caving banks. Locations of major main stem Mississippi River improvements are shown in Table 41-A and those for off-main stem tributaries are shown in Table 41-B. Pertinent data on dams and lakes are shown in

Table 41-C. Authorizing and incorporating legislation are shown in Tables 41-D and 41-E. Summary of presently estimated Federal cost of authorized improvements is shown in Table 41-F. Construction of the existing project began in 1928 and has continued throughout ensuing years. Through Sep. 30, 2007, physical completion of the entire project is 88 percent.

Recommended modifications. None.

Local cooperation. The Flood Control Act of 1928, as amended, applies. Such requirements have, in general, been complied with by local interests.

Terminal facilities. See Port Series No. 21, 1990, for Ports of Baton Rouge and Lake Charles, LA; Port Series No. 20, 1990, for Port of New Orleans, LA; also folio of Flood Control and Navigation Maps of Mississippi River from Cairo, IL, to the Gulf of Mexico (59th edition), 1992.

Project cost. Total allotted for flood control, excluding maintenance charges through Aug. 18, 1941, chargeable under authorizations to Sep. 30, 2007, was \$8,300,195,182 (See Table 41-V.) (See also Tables 41-U, 41-W, and 41-X for additional financial statements.)

Alluvial Valley Mapping

General. Contoured quadrangles and general maps of the alluvial valley are available for departmental use and public distribution under prescribed regulations. Preparation, revision, and publication of quadrangle maps (scale 1:62,500) continued. Roadmap-type information brochures of principal portions of the overall project were published along with pamphlets on the subject of flood control and navigation. Maps and supplemental data sheets for active works were updated and published as required.

Work accomplished in the Districts:

New Orleans District— Supplemental funds were used in FY 07 for the conversion of the following twenty (20) 1:62,500 scale quadrangle maps from manual to digital form: Arnaudville, Baton Rouge, Carencro, Denham Springs, Fordoche, Grosse Tete, Loreauville, Maringouin, New Roads, St. Martinville, Zachary, Jeanerette, Hahnville, Opelousas, Palmetto, St. Francisville, Batchelor, Odenburg, Artonish, and Lake Felicity.

REPORT OF THE SECRETARY OF THE ARMY ON CIVIL WORKS ACTIVITIES FOR FY 2007

Memphis District—There were no revisions to 1:62,500 scale quadrangle maps in FY 07. There were 5,937 square miles of half-meter pixel, 1:12000 scale digital color orthophotography flown in FY 07.

Vicksburg District—There were no revisions to 1:62,500 scale quadrangle maps in FY 06. There was no color or black and white aerial photography flown in FY 07.

Floods

Streamflow observations during the fiscal year follow:

Memphis District—Mississippi River crest stage of 37.5 feet at Cairo gage on January 16, 2007, and maximum discharge of 874,000 cubic feet per second occurred at Hickman, KY, on January 16, 2007; a crest stage of 5.9 feet at Memphis on January 21, 2007, and a maximum discharge of 970,000 cubic feet per second at Memphis on January 21, 2007.

Vicksburg District—The Mississippi River in the Vicksburg District – Peak stages and discharges on the Vicksburg District’s reach of the Mississippi River were as follows: Arkansas City, 30.3 feet on Jan. 27, 2007, and maximum discharge of 1,175,000 cubic feet per second; Vicksburg, 37.8 feet on Jan. 27, 2007, and a maximum discharge of 1,180,000 cubic feet per second; and Natchez, 45.5 feet on Jan 27, 2007, and maximum discharge of 1,160,000 cubic feet per second.

New Orleans District—On the Mississippi River, the Red River Landing gage recorded a maximum stage of 48.6 feet NGVD on January 29, 2007, and the New Orleans gage recorded a maximum stage of 12.9 feet NGVD on February 1, 2007. On the Atchafalaya River, the Simmesport gage recorded a maximum stage of 32.6 feet NGVD on January 25, 2007.

Studies and Investigations

General investigations. Surveys and reports, authorized by laws and by Senate and House committee resolutions, were made as required and are discussed below. Collection and study of basic data continued.

A July 1997 resolution of the Committee on Transportation and Infrastructure of the U.S. House of Representatives authorized a study of flooding and other

problems in the area west of the Atchafalaya Basin Floodway between Alexandria, Louisiana, and the Gulf of Mexico. A reconnaissance study was initiated in FY 1998 and completed in FY 1999. See the FY 06 Annual Report for prior year details. In FY 07, project activities consisted of LIDAR and field surveys; hydrologic modeling for existing conditions base; economic analysis; environmental investigations; and the Value Engineering Report.

A May 1998 resolution of the Committee on Transportation and Infrastructure of the U.S. House of Representatives authorized a study of flooding and other problems in the area between Bayou Lafourche and the Mississippi River from Donaldsonville, Louisiana, to the Gulf of Mexico. A reconnaissance study was completed in FY 00. Feasibility study was initiated in FY 02, and continues in FY 06. FY 06 supplemental funds in the amount of \$490,000 were received.

An April 1992 resolution of the Public Works and Transportation of the U.S. House of Representatives Committee authorized a study of flooding and other problems east of the Atchafalaya Basin Floodway between Morganza, Louisiana, and the Gulf of Mexico. A feasibility study was completed in FY 2002 recommending a Federal project. The Chief of Engineers letter was signed in August 2002 and supplemental in July 2003 adding work-in-kind. The Energy and Water Development Appropriation Act of 1995 and the Water Resources Development Act of 1996 directed an expedited study of a lock in the Houma Navigation Canal under the authority of the Morganza, Louisiana, and the Gulf of Mexico study. An interim feasibility study on the lock was completed in FY 1997 and was approved for preconstruction engineering and design in FY 2000. In FY 2004 the Energy and Water Development Appropriations Act authorized a portion of the project, Reach I, Segment 1. The local sponsor has awarded three contracts of this feature as work-in-kind services. FY 06 supplemental funds in the amount of \$7 million were received and are being used to advance PED work.

A June 1998 resolution of the Committee on Environment and Public Works of the U.S. Senate authorized a study of the multipurpose flood control and agricultural water supply problems in the Boeuf-Tensas Basin of southeast Arkansas. A feasibility study was initiated in FY 2000 and is continuing.

MISSISSIPPI RIVER COMMISSION

A June 1973 resolution of the Committee on Public Works, U.S. Senate, authorized a study to identify appropriate implementable measures to address flood control, water quality, and environmental needs throughout the Coldwater River Basin below Arkabutla Lake, MS. The feasibility study is continuing.

The Spring Bayou Area, LA, environmental restoration study includes an evaluation of improvements to partially restore/enhance ecosystem functions. The Feasibility Cost-Sharing Agreement was signed 25 May 2006. Feasibility studies have been initiated and are continuing.

A March 1996 Resolution U.S. House of Representatives Committee on Transportation and Infrastructure authorized a study, Memphis Metropolitan Area Storm Water Management, TN MS. The study area includes all or parts of five counties: Fayette, Shelby, and Tipton in Tennessee; DeSoto and Marshall in Mississippi. The area encompasses all or parts of six major drainage basins, covering approximately 2,600 square miles. The purpose of the study is to evaluate the need for improvements for flood control, ecosystem restoration, water quality, and related purposes associated with storm water runoff and watershed management in the area. The reconnaissance study was initiated in FY 2006. FY 2006 funds were used to initiate the study by reviewing existing hydrologic and hydraulic data for three drainage areas, Grays Creek, Marys Creek and Beaver Creek, and to determine any additional problems and opportunities within the study area.

A March 1996 Resolution U.S. House of Representatives Committee on Transportation and Infrastructure authorized a study of flooding and other problems in the area of Millington and Vicinity, TN. The study area encompasses the Big Creek drainage basin, an area of approximately 154 square miles. Although this study area was included in the Memphis Metro Reconnaissance study, a supplemental reconnaissance report was completed and approved in December 2002 as a basis for negotiating the Project Management Plan (PMP) and a Feasibility Cost Sharing Agreement (FCSA). The FCSA with Shelby County, TN and the Chickasaw Basin Authority was executed in September 2003. The feasibility study was initiated in January 2004 and possible solutions to the problems were investigated as well as possible opportunities for

ecosystem restoration and development of recreation features. This study is scheduled for completion in FY 2008.

Mississippi River and Tributaries Levees

Operations and results during fiscal year. This feature consists of construction of new, and enlargement of existing, levees to approved grade and section; construction and restoration of levee berms; and construction, repair, and maintenance of roads on levees. Work accomplished is summarized in Table 41-N and further broken down as follows:

New Orleans District—Continued construction of levees in the Main Stem System. See Table 41-K. Supplemental funds for maintenance were received in the amount of \$81 million to perform emergency restoration and repair of the Mississippi River levee after Hurricane Katrina.

Vicksburg District—Continued construction of levees in the Main Stem System. See Table 41-L.

Memphis District—Continued construction of levees in the Main Stem System. See Table 41-M.

Condition as of Sep. 30. (See Tables 41-K, 41-L, 41-M, and 41-N.) There are 1,609.8 miles of levees authorized for the Mississippi River below Cape Girardeau, of which 1,603.0 miles are in place with 1,408.0 miles built to approved grade and section. The Main Stem Levee System consists of 2,215.7 miles, of which 2,208.9 miles are in place with 1,980.7 miles completed to approved grade and section. Included in this system are 85.4 miles of levees and structures along the south bank of Arkansas River miles (all completed); 59.2 along the south bank of Red River (all completed); and 449.2 miles in the Atchafalaya River Basin, with 449.2 miles in place and 416.0 miles completed to grade and section (see Table 41-N). Of the authorized 677.8 miles of berms and seepage control measures, 564.0 are complete. Graveled or hard-surfaced roads have been constructed on 2,094.8 miles of these levees.

There are an additional 1,511.0 miles of authorized tributary levees in the MR&T Project, of which 1,277.3 miles, are in place with 1,085.7 to approved grade and section. Berms have been completed on 15.3 miles and 970.1 miles of graveled or hard-surfaced roads have been constructed on the levees.

For summary of levee work see Table 41-N.

Mississippi River and Tributaries—Channel Improvements

Operations and results during fiscal year. Dredging: Mississippi River Main Stem — (See Table 41-G.) Work included dredging 9,953.8 cubic yards for maintenance of channel and harbor improvements. Minimum channel depth of 9 feet was maintained. Dredging was done with the following plant: Vicksburg District, channel maintenance was performed by government-owned dredge *Jadwin*. Memphis District channel maintenance dredging was performed by the Government-owned dustpan dredge *Hurley* and leased dustpan dredge *Pontchartrain*.

The MR&T Harbors maintained in Memphis District were Helena Harbor, Phillips County, AR, and Memphis Harbor (McKellar Lake), by leased cutter-head dredge *Pontchartrain*. MR&T Harbors maintained in Vicksburg District were Greenville Harbor and Vicksburg Harbor by USACE dustpan dredge *Jadwin*.

Bank revetment and dikes: (See Table 41-H, 41-I, and 41-J.) Construction of 1.89 miles of new bank revetment and 122,720 squares of concrete mattress, for maintenance, along the Mississippi River was completed by Government plant and hired labor. Also, 4.33 miles of new dikes were constructed and required maintenance was performed.

Construction of 0.35 mile of new bank revetment and 30,713 squares of concrete mattress for maintenance were completed on the Atchafalaya River.

Other work performed in the interest of navigation, supplementing maintenance dredging on Mississippi River between Cairo, IL, and Baton Rouge, LA, included removal of snags, wrecks, and obstructions; issuance of bulletins by the Vicksburg District providing information on available high-water velocities at selected locations; maintenance of bulletin boards showing daily gage readings at regular MRC gages; and contact pilot service furnishing navigation interests with latest information and advice on channel conditions and navigation interests. Cost of this work is given in Table 41-U.

Condition as of Sep. 30. In carrying out authorized channel improvement program between Baton Rouge and Cairo, 16 cutoffs were developed between 1933 and 1942. These, combined with chute channel development and alignment improvements, decreased channel length between these cities by about 170 miles. However, current velocities increased the attack on the banks and the river began to regain its length. As a result, the net shortening between 1933 and 1962 was 114 miles of the theoretical 170-mile cutoff.

There are now in place 1,046.64 miles of operative bank revetment and 319.92 miles of dikes on the lower Mississippi River. This amount of channel stabilization should prevent the river from regaining much more of its length due to meandering. A navigation channel 9 by 300 feet is being accomplished by revetment and dikes and maintained by dredging as required during the low-water season. Due to growing effectiveness of channel improvement program, average maintenance dredging requirements are steadily being reduced, and an increase in navigable depth is being obtained. Approximately 143.4 miles of foreshore protection have been constructed along the lower Mississippi River.

There are 88.99 miles of revetment and 5.9 miles of dikes on tributary channels as listed in Tables 41-H, 41-I, and 41-J.

New Orleans District

ATCHAFALAYA BASIN, LA

Operations and results during fiscal year. New work by hired labor: Real estate activities and planning for construction were continued.

Construction of levee enlargements and floodwalls continued on the east and west protection levees, and levees west of Berwick.

In FY 06, two contracts were completed for levee enlargements at E33 on the East Atchafalaya Basin Protection Levee and W124 Gap Closure in the vicinity of Berwick, as well as the contract for discharge lines at the Gordy Pumping Station. Three contracts with a total value of \$14.5 million were awarded in FY 07:

MISSISSIPPI RIVER COMMISSION

W86 Phase 1 and W102 on the West Atchafalaya Basin Protection Levee and West Bayou Sale Gordy Phase A in the area west of Berwick. In FY 08, three contracts will be awarded at E54/E58, W74, and West Bayou Sale North Bend Phase 1.

Maintenance by hired labor: Operation and maintenance of Bayou Boeuf, Berwick and Bayou Sorrel Locks, the Morganza, Charenton and East & West Calumet Control Structures, condition and operational studies, and the water control management activities were continued. Levee gap repairs to the flood protection levees within St. Mary Parish were completed. The St. Mary Parish Government cut gaps in the levees to drain floodwaters after the passing of Hurricane Rita.

Maintenance by contract (stone placement): To protect the East Atchafalaya Basin flood protection levee from erosion, stone was placed along the bank just below Bayou Sorrel Lock. Also, to protect riverine levees, stone hardpoints at Atchafalaya Station and Butte Larose were established.

Berwick Harbor was dredged during the spring and fall. Three Rivers and Baton Rouge Harbor were dredged during the fall and summer.

Condition as of Sep. 30. Construction was initiated Aug. 7, 1929, with commencement of the west protection levee from Bordelonville to Hamburg, LA. The project is 95 percent complete. The current estimated Federal cost is \$1,798,000,000 and non-Federal cost is \$11,000,000. Of the 449.2 miles of levees and floodwalls authorized for the Atchafalaya system, 416.0 miles are built to grade. See Table 41-K for status of levees.

Construction of the first 2.5 miles of the proposed 5 miles of channel was initiated in January 1958 and completed in July 1959, with 7,458,086 cubic yards excavated.

The remaining 2.5 miles were to be constructed when development of the initially constructed portion warrants expansion. Project expansion has not been necessary. Therefore, this feature was deauthorized on Nov. 2, 1979, under the provisions of Section 12, Public Law 93-251 (WRDA 74), as amended.

Major items remaining to be completed include completion of levees to grade and section, modification of existing structures, and construction of two freshwater distribution structures. Approximately 57.6 miles of bank stabilization have been placed as shown in Table 41-H.

Flood Control

ATCHAFALAYA BASIN FLOODWAY SYSTEM, LA

Location. The project lies in the lower part of the Atchafalaya Basin which is situated in south-central Louisiana. It lies in parts of Iberville, Iberia, Point Coupee, St. Martin, St. Mary and St. Landry Parishes. Further, it is limited to the part of the Atchafalaya River Basin that has been confined between protection or guide levees that are about 15 miles apart. The northern boundary, west of the Atchafalaya River, lies along the south right-of-way line for the Union Pacific Railroad near the south side of U.S. Highway 190 between the West Atchafalaya Basin Protection Levee (WABPL) and the west limits of the Town of Krotz Springs, thence southerly along the west limits of the town and easterly along the south limits of the town to the Atchafalaya River; east of the Atchafalaya River it lies along the southern right-of-way line for the Union Pacific Railroad. The eastern and western boundaries lie at the floodside toes of the East Atchafalaya Basin Protection Levee (EABPL) and WABPL, respectively. The area within these limits has been calculated at about 595,000 acres.

Existing project. This project was authorized by the Supplemental Appropriations Act of 1985, Public Law 99-88. The project was reauthorized and amended by Section 601 of the Water Resources Development Act of 1986, Public Law 99-662 (hereafter WRDA 1986). The Corps of Engineers, New Orleans District, completed a comprehensive feasibility study report for the ABFS in January 1982 that recommended implementation for three separable elements including land acquisition, recreation, and water management units. Funding for the acquisition of the real estate feature made available by the Energy and Water Appropriations Bill of 1988, Public Law 100-202.

To date approximately 116,802 acres in developmental control and environmental easements have been

acquired, leaving a balance of approximately 230,000 acres to acquire. Acquired 47,084 acres in fee, excluding minerals, from willing sellers. The recreational portion of the ABFS is cost-shared 50/50 between the Corps and the local sponsor and OMR&R is 100% non-federal. The recreation portion includes boat landings, canoe trails, 3-state type park facilities, project visitor center, primitive campgrounds, etc. Through FY 06, detailed design has been completed and a PCA has been executed for the Myette Point Boat Landing. Preliminary planning has been initiated for Bayou Sorrel, Krotz Springs, and Butte LaRose boat landings. Construction has been completed for the Simmesport Boat Landing. Local support exists for a regional visitor center in Morgan City, LA. Construction began in FY 06 and will continue in FY 07 on the Buffalo Cove Pilot Water Management Unit. The Supplemental Environmental Impact Statement for Henderson Water Management Unit, which includes the ABFS Recreation Feature, was initiated in FY 06.

Operations and results during fiscal year.

Continued operations of previously acquired easement and fee lands including easement inspections, outreach, natural resource management and consumptive and non-consumptive public access programs were conducted throughout the year.

Local cooperation. Various Design Agreements and PCA's will be required between the Corps and the non-federal sponsor for project implementation. To date a PCA has been executed between the Federal Government and the State of Louisiana Department of Natural Resources for the construction and OMR&R of the Buffalo Cove project, as well as PCA's between the Government and Avoyelles Parish Police Jury and St. Mary Parish Government for Simmesport and Myette Point boat landings, respectively. In addition, several design agreements have been executed between the Government and local parishes for recreation planning.

Condition as of Sep 30. Total Project cost is \$466,182,000 with an estimated Federal cost of \$387,366,000 and a non-Federal cost of \$78,186,000. Through FY 07, \$125,273,000 has been expended.

Water management unit (WMU) construction (Buffalo Cove) was initiated in FY 06 and is anticipated to be complete in FY 08. An SEIS, inclusive of recreation, is underway for all 5 approved WMU's within the ABFS project area. Recreation features are being advanced as described above.

Public access efforts were suspended pending WRDA legislation that would resolve the cap on expenditures (\$32M) and/or acreage (50,000). Efforts were made in FY 05 to clarify language associated with the acquisition easement in cooperation with USFWS.

BAYOU COCODRIE AND TRIBUTARIES, LA

Operations and results during fiscal year. Maintenance by hired labor consisted of water control management.

Condition as of Sep. 30. Construction was initiated in June 1946 and is 57 percent complete, based on the current estimated Federal cost of \$20,400,000 and non-Federal cost of \$323,000. See page 2031, Annual Report for 1961, for description of completed work.

Work required to complete the project consists of enlargement of 13.5 miles of upper Bayou Boeuf, channel improvement of 25.3 miles of Bayou Cocodrie, enlargement of Bayou Courtableau from Washington, LA, to the west protection levee, and additional culverts through the west protection levee at 100 percent Federal cost in lieu of the previously authorized diversion channel from Washington to the Bayou Courtableau drainage structure.

With the termination of the Eastern Rapides and South Central Avoyelles project, it has become necessary to provide an adequate outlet structure solely for the Bayou Cocodrie and Tributaries project. The economic effects of this change along with current benefits estimates have caused the benefit-cost ratio for the project to be less than unity. As a result, the project has now been classified as inactive. If economic conditions change, the project could be reactivated.

MISSISSIPPI RIVER COMMISSION

BONNET CARRÉ SPILLWAY, LA

Operations and results during fiscal year. Maintenance by hired labor: Condition and operation studies, water control management, and ordinary maintenance of the control structure and spillway continued.

Condition as of Sep. 30. Construction of the spillway was initiated in FY 1929. The control structure was completed in 1931, levees were completed in 1932, and utility crossings were completed in 1936. The cost of the completed work is \$14,212,200.

It was necessary to operate the structure to reduce flood stages in 1937, 1945, 1950, 1973, 1975, 1979, 1983 and 1997. The structure was operated in 1994 to transfer fresh water from the Mississippi River to Lake Pontchartrain. The structure was operated for one month from March 17-April 17, 1997, to reduce flood stages.

Needle replacement began in FY 96 with the purchase of about 625 needles for \$80,000. The total replacement quantity required is approximately 7,000. An additional cable security system has been installed through needle eyes to prevent needles from dislodging during severe storms.

Restoration of the east guide levee from U.S. Hwy 61 to Lake Pontchartrain was completed in 2005.

Natural Resources and Recreation Project Master Plan was approved and implemented in 1998. Operational Management Plan is under development. A staff of three Park Rangers is now stationed at the spillway to implement the recreation and natural resource programs.

OLD RIVER, LA

Operations and results during fiscal year. Maintenance by hired labor consisted of operation and maintenance of the lock and control structures as required, condition and operation studies, water control management, maintenance of cleared areas, levee shaping, and engineering studies.

Natural Resources and Recreation Master Plan was completed. Operations and maintenance activity includes development of Old River Cooperative Visitor Center.

In FY 07, completed contracts include dredge Old River Lock forebay channel, modify emergency stoplog machinery, build new equipment shed, repair emergency stoplogs and repair canal floating guidewall at Old River Lock, and build new equipment shed at Lowsill structure. Continued contract to install PLC system at Old River Lock. Awarded contracts to fabricate spare parts for Old River Lock miter gates, develop detailed cost estimate for rerouting Highway 15, and repair fracture critical welds on emergency bulkheads for Old River Auxiliary Control Structure.

Condition as of Sep. 30. Construction began September 1955 and is complete at a Federal cost of \$292,273,000. Principal items completed are as follows: Low-sill structure, June 1959; overbank structure, October 1959; auxiliary structure, September 1986; levees and levee enlargements, October 1963; inflow and outflow channels for the Lowsill structure, February 1961; inflow and outflow channels for the auxiliary structure, August 1987; navigation lock completed December 1962 and opened to navigation March 1963, at which time Old River was closed to navigation with a rock and earthfill dam; and highway approaches and bridge over the lock completed March 1965. Approximately 9.4 miles of bank protection have been constructed at the inflow and outflow channels. (See Table 41-H for details of bank protection.)

LOUISIANA STATE PENITENTIARY LEVEE, LOUISIANA

Location. The project is located near Angola, LA, in West Feliciana Parish, approximately 40 miles northwest of Baton Rouge, LA, and borders the Louisiana State Penitentiary along the Mississippi River and State of Mississippi state line.

Existing project. The project consisted of improving about 12 miles of levees along the Mississippi River

which afford flood protection to the penitentiary on the left descending bank below Old River. The levees were owned and maintained by the State of Louisiana and are substandard with regard to Federal specifications. By improving the existing levees to Federal standards, the project will reduce the risk of flooding with its attendant property damage and threat to the lives of up to 5,100 inmates and about 1,750 employees and residents (527 reside on the penitentiary grounds). Funds to initiate preconstruction, engineering and design were appropriated in FY 97 and funds to initiate construction were appropriated in FY 98.

Local cooperation. The limited Reevaluation Report was approved on July 2, 1999 and formed the basis for execution of the Project Cooperation Agreement which was approved on July 30, 1999. The local Sponsor, the Louisiana Department of Public Safety and Corrections has provided cash in the amount of \$5,171,000 in addition to furnishing the lands and damages (including mitigation lands) necessary to support their share of the project cost.

Conditions as of Sep. 30. The project was physically completed in FY 03 and was completed in July 2003. The total estimated cost is \$25.0 million (\$18.8 million Federal, \$6.2 million non-Federal). Construction was initiated in Sep. 1999 with the award of three contracts in Sep. 1999. Two contracts were for the levee upstream of Camp C and the other was for replacement of the existing drainage structure. All three contracts were completed in FY 01. The final contract to enlarge the levee from Camp C to the main gate was awarded in Apr. 2001.

Salinity Control Structures

MISSISSIPPI DELTA REGION, LA

CAERNARVON FRESHWATER DIVERSION STRUCTURE, BRAITHWATE, LA

Location. The Caernarvon structure is constructed in the Mississippi River Levee on the left descending bank at mile 81 AHP, just below the St. Bernard-Plaquemines Parish line.

Existing project. The Caernarvon Freshwater Diversion Feature of the Miss. Delta Region Project is capable of diverting up to 8,000 cfs of River water into

the Breton Sound Estuary for fish and wildlife habitat enhancement. River stages and the fresh water needs of the estuary, determined by monitoring data, establish the actual quantities to be diverted.

Local cooperation. The Local Cooperation Agreement with the State of Louisiana was signed in June 1987. Cost sharing for initial construction and ongoing operations and maintenance is 75% Federal and 25% non-Federal. The project is operated and maintained by Plaquemines Parish, under the direction of the LA Department of Natural Resources.

Condition as of Sep. 30. Construction began in 1988 and was completed in 1991, at a Federal cost of \$17,550,051 and a non-Federal cost of \$5,850,017. Diversions have been ongoing, as needed, since August 1991. The goal of fish and wildlife habitat improvement has been met or exceeded, most notably in the areas of seed oyster availability on the public oyster grounds, a large variety and volume of recreational fishing and duck hunting.

DAVIS POND FRESHWATER DIVERSION STRUCTURE, LA

Location. The Davis Pond structure is constructed in the Mississippi River Levee on the right descending bank at mile 118 AHP, in St. Charles Parish, two miles Luling, LA.

Existing project. The Davis Pond Freshwater Diversion Feature of the Miss. Delta Region Project will be capable of diverting up to 10,650 cfs of River water into the Barataria Bay Estuary for fish and wildlife habitat enhancement. Fresh water needs of the estuary, determined by monitoring data, will establish the actual quantities diverted.

Local cooperation. The Project Cooperation Agreement was signed in April 1993 with the State of Louisiana. Cost sharing for initial construction and ongoing operations and maintenance is 75% Federal and 25% non-Federal. The project will be operated and maintained by St. Charles Parish, under the direction of the LA Department of Natural Resources.

Condition as of Sep. 30. Construction began in 1996 and was substantially completed in 2002, at an estimated Federal Cost of \$98,700,000 and a non-Federal cost of \$32,900,000 for the Construction Phase of

MISSISSIPPI RIVER COMMISSION

this Feature. Diversions have been ongoing, as needed, since August 2002. Final second lift levee construction was completed in 2007. Ongoing monitoring under the construction phase of this feature will continue into 2009. Additional modifications to the outfall will be completed in 2009.

Vicksburg District

LOWER ARKANSAS BASIN, AR

Condition as of Sep. 30. Arkansas River levees. A total of 56.2 miles of the 61.5 miles of north bank levees and all of the 85.4 miles of south bank levees have been completed to approved grade and section. These levees above mile 36.1 are protected by bank-protection works constructed as a feature of project for Arkansas River and Tributaries, AR and OK. For present status of this work, see report of Little Rock District. Below mile 36.1, needed bank protection is constructed with project maintenance funds. Little Bayou Meto gates and lifting mechanism were replaced during FY 88. Big Bayou Meto Gate operating mechanisms replaced FY 94, 95, 96.

LOWER RED RIVER SOUTH BANK RED RIVER LEVEES, LA

Operations and results during fiscal year. Maintenance by hired labor consisted of water control management..

Condition as of Sep. 30. All of the 59.2 miles of levees authorized are completed to approved grade and section.

TENSAS BASIN, AR AND LA

(a) **Boeuf and Tensas Rivers, and Bayou Macon, AR and LA.**

Operations and results during fiscal year. Planning and design on project features are complete. The Lake Chicot Pumping Plant and related features are complete and in operation.

Condition as of Sep. 30. Lake Chicot Pumping Plant crane was repaired and the bell housing was replaced.

(b) **Red River backwater area.**

Operations and results during fiscal year. Routine operation and maintenance was performed on the Tensas-Cocodrie Pumping Plant along with construction of mile 0.2 setback.

Condition as of Sep. 30. A contract for bank stabilization will be awarded when funds are made available.

YAZOO BASIN, MS

Operations and results during fiscal year.

(a) **Big Sunflower River, etc.** The Project is authorized by the Flood Control Acts of 1944, 1946, 1950, 1962, and 1965. Swan Lake Levees plans and specifications were under preparation in FY 07. Main Canal and Black Bayou are complete. Item 66B channel relocation plans and specifications were prepared. Ten sedimentation reduction structures were completed as Phase I, and a contract was awarded for 14 additional structures as Phase II.

Mitigation for Upper Steele Projects. Mitigation for the unavoidable environmental losses is now underway. Approximately 5,569 acres of cleared lands have been obtained in the Yazoo Basin to mitigate the environmental losses resulting from construction of the Upper Steele Bayou Projects. Most of this land has been reforested and will be managed for wetlands, and terrestrial resources. All lands acquired for mitigation are from willing sellers to offset environmental losses from this project.

(b) **Flood Control Reservoirs**

(1) **Arkabutla Lake.** (See Table 41-C.) The dam and appurtenant structures were maintained and operated. Clearing of tributary streams in the lake area was

continued. Maximum pool elevation in the lake was 218.7 feet NGVD on Sep. 15, 2007, and storage in flood control pool was 106,800 acre-feet. Peak 24-hour inflow was 7,100 cubic feet per second on Apr. 15, 2007. On Sep. 30, 2007, the pool elevation was 217.3 feet NGVD, and storage in the flood control pool was 91,500 acre-feet.

(2) **Enid Lake.** (See Table 41-C.) The dam and appurtenant structures were maintained and operated. Rehabilitation of boat channels and snagging and clearing of tributary streams in the lake area continued. Maximum pool elevation in the lake was 243.1 feet NGVD on Jul. 31, 2007, when storage in the flood control pool was 173,700 acre-feet. Peak 24-hour inflow was 14,050 cubic feet per second on Jan. 6, 2007. On Sep. 30, 2007, pool elevation was 242.7 feet NGVD and storage in the flood control pool was 169,000 acre-feet. A total of 4,500 ac. ft. of storage in conservation pool was reallocated to municipal and industrial water supply in June 1998.

(3) **Grenada Lake.** (See Table 41-C.) Construction of remaining public-use facilities has been deferred pending development of cost-sharing agreements with local interests for construction and non-Federal operation and maintenance, consistent with projects for which recreation facilities are being constructed under the provisions of the Federal Water Project Recreational Act of 1965 (Public Law 89-72), as amended. Maximum pool elevation in the lake was 207.3 feet NGVD on Jan. 10, 2007, when storage in the flood control pool was 317,600 acre-feet. Peak 24-hour inflow was 22,350 cubic feet per second on Jan. 4, 2007. On Sep. 30, 2007, the pool elevation was 202.3 feet NGVD and storage in the flood control pool was 210,600 acre-feet.

(4) **Sardis Lake** (See Table 41-C.) The dam and appurtenant structures were maintained and operated. Clearing of tributary streams in the lake area continued. Maximum pool elevation in the lake was 251.5 feet NGVD on Sep. 28, 2007, when storage in the flood control pool was 371,600 acre-feet. Peak 24-hour inflow was 15,500 cubic feet per second on Jan. 7, 2007. On Sep. 30, 2007, the pool elevation was 251.1 feet NGVD and storage in the flood control pool was 361,900 acre-feet.

(c) **Greenwood, Yazoo City and Belzoni protection works.** Contract forces continued operation and maintenance of levees, drainage facilities, and pumping plant.

(d) **Main stem.** Contract forces continued operation and maintenance of channels, levees, and drainage facilities.

(e) **Reformulation Study.** The uncompleted portions of the Yazoo Basin construction program are currently being reformulated. This reformulation study includes investigations of the engineering, economic, and environmental aspects of the basin and is being accomplished in 4 phases. These studies will evaluate reasonable arrays of alternatives to the project features that remained after construction of items that were budgeted and scheduled for award in FY 90. The Upper Steele Bayou and Upper Yazoo Projects reports were approved on May 25, 1993 and Jun. 21, 1994, respectively. Concerning the final 2 phases, the Yazoo Backwater Reformulation Study includes nonstructural, structural, and combination plans. Nonstructural features include conservation and water management easements and reforestation of cleared agricultural lands. Structural features include a pump station and levee alternative. The Yazoo Backwater Reformulation Study's draft report and Draft Supplemental Environmental Impact Statement (SEIS) were released for public review in Sep. 2000. The Vicksburg District reviewed and incorporated public and agency comments into the Final Report and Final SEIS. The Final Report is scheduled to be released in Nov. 2007 with a public comment period to be open until Jan. 2008. The Yazoo Tributaries Reformulation Study is evaluating flood control requirements on nine project features. Study efforts were suspended in 2000, and are scheduled to be reinitiated in FY 07.

(f) **Delta Headwaters Project.** The Delta Headwaters Project (DHP), a joint project with the USDA NRCS was initiated by FY 85 appropriations as a continuation on streambank erosion control efforts. The purpose of the project is to demonstrate the applicability of a systems approach to the design of erosion, sedimentation, and flood control works by applying this approach to 16 demonstration watersheds in the Yazoo Basin hill area. During FY 07, work continued in the

MISSISSIPPI RIVER COMMISSION

DHP toward development of the systems plans and implementation of a monitoring program. Cumulative through FY 07, the District has completed the construction of 206 low drop grade control structures, 203 miles of bank stabilization, 17 miles of channel improvement, 66 box culverts, 6 high drop grade control structures, 1,396 riser pipe grade control structures, 7 floodwater retarding structures, and 9 miles of levees.

(h) **Tributaries.** Project to be reformulated.

(i) **Upper Yazoo Projects.** The first 13 items of channel improvement, approximately 116 miles, and nine drainage structures have been completed. This work extends from Yazoo City, Mississippi, to Philipp, Mississippi.

The Fort Pemberton Flood Control Structure was completed on Apr. 29, 1991.

Roebuck Lake and Fort Loring water control structures and Tchula Lake weirs were completed in FY 95.

Item 6A was awarded in Aug. 07 and Item 7A is scheduled for award in Oct. 08. Design efforts continue for Channel Item 7.

The Alligator-Catfish water control structure was completed in FY 98. This structure has been renamed the J. Tol Thomas Water Control Structure.

Mitigation for Upper Yazoo Projects. Mitigation for the environmental impacts is now underway. Approximately 10,919 acres of cleared, frequently flooded agricultural lands have been obtained in the Yazoo Basin area of Mississippi to mitigate the environmental losses resulting from construction of the Upper Yazoo Projects, Big Sand Creek, Pelucia Creek, and Ascalmore-Tippo Bayou construction projects. This land has been reforested and will be managed for terrestrial, aquatic, wetlands, and waterfowl. A total of 17,000 acres of mitigation will be acquired from willing sellers for this project.

(j) **Yazoo Basin backwater.** The Yazoo area backwater levees are complete, including the backwater levee from the Mississippi River levee to the west levee

of the lower Auxiliary Channel, the Little Sunflower River drainage structure, and the connecting channel from the Steele Bayou drainage structure to the Big Sunflower River.

The Satartia area backwater levee is complete. Rocky Bayou area levee Items 1A and 1B have been completed. Completed backwater levees will require raising to provide the degree of protection intended based on the project design flow line developed for the Mississippi River following the 1973 flood.

Four Greentree Reservoirs and pumping stations have been constructed to mitigate for the waterfowl impacts of the project.

Mitigation of the terrestrial impacts is now underway. Approximately 8,800 acres of cleared, frequently flooded, agricultural lands have been obtained in the Yazoo Backwater area of Mississippi to mitigate the terrestrial losses resulting from construction and operation of the Yazoo Area and Satartia Area levees projects. This land has been reforested and will be managed for terrestrial wildlife. An additional 3,848 acres of mitigation is being considered as part of the Yazoo Backwater Reformulation Project.

Condition as of Sep. 30. The first feature of Yazoo Basin project was started in 1936, and the total project is about 68 percent complete.

Memphis District

BAYOU METO BASIN, AR

Location. Project is located in east central Arkansas in Lonoke, Pulaski, Prairie, Jefferson, and Arkansas Counties.

Existing project. The major problems are agricultural flooding, loss of environmental resources, and the depletion of the alluvial aquifer, which provides essentially all the water used for agricultural irrigation and baitfish farming and supports area wetlands. Features being evaluated include diversion of excess water from the Arkansas River with delivery through a system of new canals, existing ditches, and pipelines to the water

depleted areas; channel improvements and pumping station(s) to provide outlets for reduced flooding; waterfowl conservation and management measures; and other waterfowl enhancement features. The sponsor is the Arkansas Natural Resources Commission, partnering with the Bayou Meto Water Management District.

Operations and results during fiscal year. Funds were included in FY 2007 work plan to complete the review of the general reevaluation report.

Condition as of Sep. 30. The ASA(CW) approved the General Reevaluation Report on September 24, 2007.

Local interests have formed an entity capable of providing the legal and financial assurances for project implementation and they desire the earliest possible project completion.

FRANCIS BLAND FLOODWAY DITCH (EIGHT MILE CREEK), ARKANSAS

Location. The project is located in the City of Paragould, AR.

Existing project. The existing project consists of 12.5 miles of channel improvements. Eight miles of channel enlargement will occur in the rural downstream area of Paragould. Three and a half miles of enlargement will occur in the City of Paragould along with one mile of channel riprap/stabilization. The project will provide 100 year flood protection within the City of Paragould.

Local cooperation. A project Cooperation Agreement (PCA) was assigned in June 1996.

Operations and results during fiscal year. Construction of the final phase, Item 2, Phase 2, Urban Channel Enlargement, was completed in November 2006.

Conditions as of Sep. 30. Coordination of project closeout with the sponsor is underway. The final activity will be the revision of FEMA's flood plain maps via a Letter of Map Revision.

GERMANTOWN, TN

Location. The study area is located in the city of Germantown, in Shelby County, Tennessee.

Existing project. The study investigated possible solutions to the flooding, erosion, and water quality problems impacting three drainage basins: Miller Farms Ditch and Lateral D, tributaries to the Wolf River and Howard Road Outfall, a tributary to Nonconnah Creek.

Operations and results during fiscal year. Only one of the three drainage basins investigated (Lateral D) resulted in a plan that is economically feasible; however, the outputs for this plan (erosion control) are not high priority outputs and not budgetable. Therefore, the feasibility study was terminated and the report was not processed for approval. The estimated cost of the Lateral D plan is \$6.0 million and the benefit to cost ratio is 1.44.

Condition as of Sep. 30. The city of Germantown attempted to obtain authority from Congress to construct not only Lateral D, but also locally developed plans for Miller Farms, Howard Road, and other drainage basins in the area, by requesting a modification to Section 219 of WRDA 1992, as amended. Section 1003 of WRDA 2007 authorizes the study of these basins from a Section 14, Emergency Streambank Protection standpoint, but does not authorize provisions for flood damage reduction. Funding has been appropriated for the Lateral D basin and a Section 14 study will be initiated in FY 2008.

GRAND PRAIRIE REGION, AR

Location. Project is primarily located in Arkansas and Prairie Counties and a small portion in Lonoke and Monroe Counties.

MISSISSIPPI RIVER COMMISSION

Existing project. This project will provide for agricultural water supply, ground water protection, and fish and wildlife restoration and enhancement. The project includes a major pumping station, conveyance channels, and conservation measures for the Grand Prairie area. The sponsors are the State of Arkansas and the White River Regional Irrigation Water Distribution District.

Operations and results during fiscal year. FY 2007 funds are being used for termination costs of the pumping station contract (including completion of the fabrication/delivery of the pumps and motors); development of a Programmatic Agreement between the Corps and the appropriate American Indian tribes to address cultural requirements; and completion of the Biological Assessment concerning the ivory-billed woodpecker (IBW). Construction has been fully suspended on the pumping station, which is about 20 percent complete. Negotiations with the contractor to remove the Continuing Contract clause were unsuccessful and without funds to fully fund the entire contract, Termination for Convenience of the government was required.

Condition as of Sep. 30. Construction on the pumping station began during the summer of FY 2005 and was scheduled for completion in September 2007. However, the contract had to be terminated for the convenience of the Government in order to comply with the provisions of P.L. 109-103. In addition, in July 2006, an injunction was issued due to issues related to the Endangered Species Act and the Ivory-billed Woodpecker habitat.

HORN LAKE CREEK AND TRIBUTARIES INCLUDING COW PEN CREEK, TENNESSEE AND MISSISSIPPI

Location. Horn Lake Creek is located in northwest Desoto County, MS and southwest Shelby County, TN.

Existing project. The project was approved for construction on Nov. 17, 1986, under authority of Title IV, Section 401 of the 1986 Water Resources Development Act. The project consists of 3.5 miles of drift removal and 2.75 miles of channel clearing on Horn Lake Creek; 2.1 miles of channel clearing on Rocky Creek and 0.62 miles of channel clearing and 1.85 miles of channel enlargement on Cow Pen Creek. The project will provide 1.1-year flood frequency protection on Horn Lake and Rocky Creeks and 25-year

flood frequency protection on Cow Pen Creek. The construction is complete.

Local cooperation. A Local Cooperation Agreement was executed with the Horn Lake Creek Watershed Drainage District on Feb. 26, 1992.

Condition as of Sep. 30. Completed final accounting and reimbursed the sponsor for cost-share overpayment.

MISSISSIPPI RIVER LEVEES

Operations and results during fiscal year. Minor maintenance on levees is performed by the local interests and major maintenance is performed as required for slide repairs, road rehabilitation, and other similar work by the U.S. Army Corps of Engineers.

Mississippi River Levees Construction. St. Johns – New Madrid box culverts and levee closure was awarded 4 August 2004 and initiated in September 2006; was suspended in August 2007 due to unfavorable court ruling. Hillhouse, MS, relief wells P-2; Mounds Creek, IL, culverts; Nash, MO, Relief Wells P-2; and Fritz Landing, TN, culvert were completed. Farrell, MS, and Badgers to Cottonwood Point, AR, relief wells and West Memphis, AR, and Caruthersville, MO, relief well correction were awarded in FY 2007. All FY 2007 awards are less than 10 percent complete.

Mississippi River Levees Maintenance. Initiate and Complete – Levee Slide Repairs; Levee Slope Stabilization at Pecan Point, AR; Levee Slope Stabilization at Gammon, AR. Initiate Levee Slope Stabilization at West Memphis, AR.

CHANNEL IMPROVEMENT

Operations and results during fiscal year. Maintenance on dikes and revetments were performed by the U.S. Army Corps of Engineers. Continued construction of new dikes and revetments in the Main Stem Mississippi River System. See Table 41-J.

Channel improvement. Stone Dike Construction at Randolph, TN, awarded July 2007, 100 percent complete as of 30 September 2007. Stone Dike Construction at Lower Bullerton, AR, awarded June 2007, 100 percent complete as of 30 September 2007. Construction of 0.67 mile of new bank revetment and 36,528 squares of concrete mattress, for maintenance,

along the Mississippi River was completed by Government plant and hired labor. Also, 2.71 miles of new dikes were constructed and required maintenance was performed.

NONCONNAH CREEK, MS AND TN

Location. The project is located in southern Shelby County and provides flood protection for approximately half of the city of Memphis, TN.

Existing project. The project is made up of five separable elements, flood control, environmental preservation, recreation and conditionally authorized extensions to the flood control and recreation elements. The flood control element is under construction and consists of 18.2 miles of channel enlargement, grade stabilization, and vegetative cleanout. The environmental element consists of a 33-acre nature area. The recreation element consists of 8.8 miles of biking/hiking trails. WRDA 2000 conditionally authorized extending the flood control element upstream about five miles and the recreational element from 8.8 to 27 miles, if the Secretary finds the work justified.

Local cooperation. The project sponsor for the authorized project is the City of Memphis, TN and the Project Cooperation Agreement (PCA) was signed on 23 July 1990. The PCA covers only the flood control features of the project. Amendment of the PCA is required to incorporate the Environmental & Recreation features of the project. The project sponsor for the conditionally authorized extensions is Shelby County, TN. A Design Agreement was signed on 16 January 2002

Operations and results during fiscal year. FY 2007 funds were used to examine options to initiate Item 2, Phase 1 channel improvements subject to successful resolution of water quality issues.

Condition as of Sep. 30. Project of the authorized 18.2 miles of flood control improvements (exclusive of the bridge/utility protection sites) is 7% completed. Item 1, Phase 2 is 100% complete. A General Reevaluation Study for the flood control and recreation extensions was completed in 2004. The study produced no viable flood control option and recreation in the extension area.

ST. FRANCIS BASIN, AR AND MO

Operations and results during fiscal year.

Construction

Contracts for Fifteen Mile Bayou, Item 1 bridge relocation at U.S. Highway 79, and County Road at mile 13.8, are 100% complete. A contract for channel enlargement on Fifteen Mile Bayou, Item 1 is 100% complete. A contract for construction of County Road Bridge 18.8 is 100% complete. A contract for construction of County Road Bridge 20.01 was awarded in August 2007 and is complete.

Condition as of Sep. 30. Project initiated 1937. Project is 90% complete.

Maintenance

Continue Scour Repairs at Bridges – Madison to Marianna, AR. Initiate and Complete - Levee Gravel Resurfacing – Elk Chute East Levee, MO; East St. Francis Levee, Cross County, AR; Cockleburr Slough and West Levee, Craighead County, AR; Drainage District #16 of Mississippi County, AR. Initiate and Complete – Levee Slide Repairs, AR and MO; Culvert Replacements on Ditch 19, MO. Complete – Drainage District #17 Fuel Tank Replacement, AR; Dudley Ditch Grade Control Structure, MO.

ST. JOHNS BAYOU AND NEW MADRID FLOODWAY

Location. This flood control project is located in the bootheel of MO. It covers two drainage basins adjacent to the Mississippi River: the St. Johns Bayou Basin (450 sq mi) and the New Madrid Floodway (180 sq mi).

Existing project. The First Phase of the authorized project includes 24 miles of channel improvements, pumping stations, all seasonal ponding easements, and appropriate mitigation features. The First Phase project has a benefit-cost ratio of 1.11 to one, with average annual benefits of \$462,000 (Final RSEIS 2, March 2006, p. 135). St. John Levee and Drainage District is the cost-sharing sponsor. The current estimated cost for programmed work is \$50,100,000 Federal and \$16,500,000 non-Federal.

MISSISSIPPI RIVER COMMISSION

Condition as of Sep. 30. Remaining construction work on the First Phase includes approximately 19.7 miles of channel improvements and two pumping stations. Water Quality Certification was issued for the project in Jun 2003. A contract was awarded for the New Madrid pumping station in Sep 2004. Construction was not initiated due to a Complaint filed in Federal Court in Sep. 2004 which resulted in the production of an amended environmental NEPA document (RSEIS 2, March 2006). This document is resulted in a Record of Decision on May 23, 2006 and a notice to proceed was issued to the contractor on August 28, 2006. Construction was initiated in September 2006. The Federal Court ruled against the Corps on September 13, 2007, and construction was suspended on September 14, 2007. A Notice of Appeal was filed on November 9, 2007, but the Solicitor General must approve the recommendation to appeal before plaintiffs can proceed with an appeal.

WEST TENNESSEE TRIBUTARIES, TN

Location. The project is a flood control project located along the Obion and Forked Deer Rivers and tributaries in west Tennessee, in Weakley, Madison, Gibson, Obion, Dyer, Crockett, Lauderdale and Haywood Counties.

Existing project. The project consists of 225 miles of channel improvements on the Obion and Forked Deer Rivers and construction of 7.6 miles of levees to provide adequate drainage outlets and reduce flooding; 174 water control structures, 216 erosion control structures, 37 miles of water management connector channels to restore bottomland hardwoods and fisheries; and the acquisition of 32,000 acres of mitigation lands. Only 93 miles of the authorized channel improvements have been completed and 13,527 acres of the mitigation lands purchased.

Local cooperation. The project sponsor is the state of Tennessee acting through the West Tennessee River Basin Authority (WTRBA).

Operations and results during fiscal year. No contract awarded or completed during fiscal year.

Condition as of Sep. 30. WTRBA requested that the Corps undertake a reevaluation of a demonstration project along the Obion River System to alleviate

unresolved water resource problems in the West Tennessee area. FY 2006 funds were used to research potential sites for a demonstration study. The West Tennessee Tributaries Project is 60 percent complete.

WOLF RIVER, MEMPHIS, TN

Location. The Wolf River is located in Hardeman, Fayette, and Shelby Counties, TN, and Tippah, Marshall, and Benton Counties, MS.

Existing project. The authorized project consists of six main channel weirs and eighteen tributary weirs for grade stabilization, two cutoff prevention weirs on the main channel, trails, and wildlife corridors in Shelby County, and three boat ramps (two in Shelby County and one in Fayette County.) Estimated annual benefits include over 2,144 annual habitat unit values and \$414,000 in recreational benefits. The project sponsors are Shelby County, Tennessee and the Chickasaw Basin Authority.

Operations and results during fiscal year. The first construction contract consisting of three stabilization weirs, one cutoff prevention weirs, one tributary weir, and associated access roads is complete. The second item of work consisting of one weir, bridge protection, and associated access roads is complete. FY 2007 funds were being used to develop plans and specs for the third item of work (five tributary weirs, award the contract, and initiate construction on this item).

Condition as of Sep. 30. Construction was completed on the first item of work in December 2005. The second item of work was completed in October 2006. The third item of work was awarded in July 2007 and construction was initiated in August 2007.

St. Louis District

Operations and results during fiscal year.

WAPPAPELLO LAKE, MISSOURI

Wappapello Lake. The dam and appurtenant structures were maintained and operated. Phase 1 of State Highway D-5 relocation project was awarded in accordance with 1997 REDM. Five-year periodic inspection of the dam was completed. Maximum pool elevation was 372.18 ft. NGVD on May 14, 2007, when

REPORT OF THE SECRETARY OF THE ARMY ON CIVIL WORKS ACTIVITIES FOR FY 2007

storage utilized in the flood control pool was 167,068 acre-feet (23%). Peak 24-hour inflow was 29,980 cfs on May 3, 2007. On September 30, 2007, the pool elevation was 360.33 ft. NGVD and storage utilized in the flood control pool was 36,858 acre-feet (6%).

On November 15, 2006, the Chief of Engineers signed the Statement of Findings approving the relocation of US Highway 67 and Wane County Roads 313 and 536. On December 18, 2006, the ASA(CW) submitted to Congress a Notification Report for Major Relocations authorizing those road relocations.

MISSISSIPPI RIVER COMMISSION

TABLE 41-A MISSISSIPPI RIVER IMPROVEMENTS

Mileage Above Head of Passes	Locality	Improvement	Remarks
0-957 ¹	Head of Passes, LA-Cairo, IL	Dredging, revetment, and contract work	--
10-81	The Jump-New Orleans, LA	Main line levee, right bank	--
11-25	Baptiste Collette-Bayou Ostrica, LA	Local levees, left bank	--
118	Davis Pond, LA (formerly Myrtle Grove, LA)	Salinity control structure, right bank	Authorized by Public Law 89-298 (HD 308/74/1). Included in MS Delta Region, LA feature. Postauthorization change report, approved June 1987.
81	Caernarvon, LA	Salinity control structure, left bank	Authorized by Public Law 89-298 (HD 308/74/1). Included in MS Delta Region, LA feature.
44-91	Bohemia, LA-New Orleans, LA	Main line levee and floodwall, left bank	--
81-96	New Orleans, LA	Main line levee, right bank	Authorized by Public Law 81-516.
91-104	New Orleans, LA	Main line levee and floodwall, left bank	Authorized by Public Law 81-516.
96-279	New Orleans-Morganza, LA	Main line levee, right bank	--
104-234	New Orleans-Baton Rouge, LA	Main line levee, left bank	--
127-129	Bonnet Carré Floodway, LA	Regulating spillway, left bank	--
129	Mississippi-Louisiana Estuarine Areas, LA/MS (Bonnet Carré)	Salinity control structure, left bank	Authorized by Public Public Law 100-676
129-234	Bonnet Carré-Baton Rouge, LA	Main line levee, left bank	--
235	Baton Rouge Harbor	Devils Swamp barge channel	Modified by Public Law 87-874.
279-287	Morganza Floodway, LA	Regulating spillway, right bank	--
287-303	Morganza-Old River, LA	Main line levee, right bank	Extends up south bank of Old River to Barbre Landing.
303-314	Old River, LA control	Levee closure and enlargement, low and high water spillway structures, navigation lock, and approach channels, right bank	Authorized by Public Law 83-780.
314-572	Old River-Cypress Creek, AR	Main line levee, right bank	Joins Arkansas River, south bank levee.
437	Vicksburg Harbor, MS	Harbor extension and industrial fill	Authorized by Public Law 70-391. Modified by Public Laws 79-526 and 83-780.
437-721	Vicksburg-Lake View, MS	Main line levee, left bank	--

**TABLE 41-A MISSISSIPPI RIVER IMPROVEMENTS
(Continued)**

Mileage Above Head of Passes	Locality	Improvement	Remarks
490	Wilson Point, LA	Pumping Plant and drainage structure, right bank	Unpublished Vicksburg District's MRC report approved Apr. 14, 1966. ²
537	Greenville Harbor, MS	Harbor improvements and port area	Authorized by Public Law 85-500.
646	Long Lake, Helena, AR	Culvert and floodgate, right bank	Authorized by Public Law 79-526. ²
605-666	Henrico-Helena, AR	Main line levee and floodwall, right bank	--
672-993	St. Francis River-Commerce, MO ³	Main line levee, right bank	--
722-725	Industrial levee (Ensley Bottoms)	Levee and pumping station	--
721-734	Memphis Harbor, TN	Closure of Tennessee Chute, industrial fill, levee, harbor channels, etc.	Authorized by Public Law 79-526.
803-873	Tiptonville-Obion River	Main line levee, left bank, levee extension, and diversion Obion River	Modified by Acts of Jul. 24, 1946 and Dec. 23, 1971.
857	Near Mud Lake, TN	Pumping station and adjacent channel improvements	Authorized Dec. 15 and 17, 1970 under Sec. 201 of Oct. 27, 1965 FC Act.
890	St. Johns Bayou, MO	Drainage floodgate and levee closure	Modified by Jul. 24, 1946 Act.
890	New Madrid Floodway, MO	Drainage floodgate and levee closure	Modified by Sep. 3, 1954 Act.
890-954	New Madrid-Birds Point, MO	Floodway, right bank	--
902-922	Slough Bend, Hickman, KY	Main line levee, left bank	--
922	Hickman, KY	Floodwall, left bank	--
946	Peafield, MO	Drainage floodgate	Authorized by Sep. 3, 1954 Act.
957 ¹	Cairo, Cairo drainage	Floodwalls and levees district	--
957 ¹	Cairo, Cairo drainage district, Mounds, Mound City, and vicinity	Floodwalls, levees, and pumping plant	--
	Thebes-Rock Island, IL	Levees, both banks	Intermittent (Sec. 6).
	Cape Girardeau, MO, to Rock Island, IL	Levees	Intermittent (Sec. 6).

1. Cairo, IL, is on Ohio River about 3 miles above its mouth (Mississippi River mile 954 AHP).
 2. Also see Table 41-D, "Authorizing Legislation."
 3. Commerce, MO, is on Upper Mississippi River, 39 miles above mouth of Ohio River.

MISSISSIPPI RIVER COMMISSION

TABLE 41-B

MISSISSIPPI RIVER TRIBUTARY
AND OUTLET IMPROVEMENTS

Mileage Below Head of Atchafalaya River	Locality	Improvement	Remarks
	ATCHAFALAYA BASIN, LA ¹ <i>Atchafalaya Basin, Morganza and West Atchafalaya Floodways</i>		
0-54	West Atchafalaya Floodway between Red River and Alabama Bayou	Floodway	--
27-54	Morganza Floodway between Mississippi River and Alabama Bayou	Floodway	--
54-117	Atchafalaya Basin Floodway between Alabama Bayou and Morgan City <i>East protection levee (Morganza and Atchafalaya Floodways)</i>	Floodway	--
20-27	Lacour-Red Cross	Levee, upper Morganza guide	--
25-117	Morganza-Morgan City	Levee and Morgan City floodwall	Including lower Morganza Floodway guide levee.
27	Bayou Latenache	Drainage structure, Pointe Coupee, and channel enlargement	Through upper Morganza guide levee and enlargement of outlet channel.
0-27	Upper Pointe Coupee Loop area	Additional drainage facilities	Enlargement of Bayou Latenache. Approved Jun. 4, 1970. See Table 41-D.
31-57	Bayou Fordoche-Ramah	Drainage channel	Levee landside borrow pit.
80	Bayou Sorrel ¹	Lock	Alternate route, Gulf Intracoastal Waterway, Port Allen to Morgan City.
53-117	Bayou Sorrel Lock-Morgan City	Alternate navigation channel. Gulf Intracoastal Waterway	Gulf Intracoastal Waterway utilizes levee west side borrow pit channel.
117	Morgan City	Lock in Bayou Boeuf ¹	Gulf Intracoastal Waterway.
117-129	Below Morgan City	Channel relocation	Bypass route for Gulf Intracoastal Waterway.
117-129	Below Morgan City <i>Atchafalaya Basin Floodway lower protection levee</i>	Levee, floodwall	East of lower river.
105	Calumet	Floodgate, east	Bayou Teche-Wax Lake Outlet.
105-120	Below Morgan City	Levees, floodwall, drainage structures, and pumping plants	Enclosed area between Wax Lake Lake Outlet and Berwick.
115	Berwick ¹	Lock	Lower Atchafalaya River.
116	Patterson	Water system	Adjustment to provide fresh water.
	<i>West protection levee (Atchafalaya Basin and West Atchafalaya Floodways)</i>		
5	Simmesport-Hamburg	Levee fuse plug	West Atchafalaya Floodway.

**TABLE 41-B
(Continued)**

**MISSISSIPPI RIVER TRIBUTARY
AND OUTLET IMPROVEMENTS**

Mileage Below Head of Atchafalaya River	Locality	Improvement	Remarks
5-105	Mansura to Wax Lake Outlet Coulee des Grues	Protection levee Levee enlargement and floodgate extension	-- --
29	West Atchafalaya Floodway	Railway	--
29	Morganza Floodway	Railway	--
40	Bayou Darbonne	Gated drainage structures	Through West Atchafalaya protection levee.
40	West Atchafalaya Floodway	Highway	--
40	Morganza Floodway	Highway	--
41	Bayou Courtableau	Gated drainage control structures and channels	--
41	West Atchafalaya Floodway	Railway	--
41	Morganza Floodway	Railway	--
94	Charenton	Floodgate and approach channels	Borrow pit channel to Grand Lake through West Atchafalaya protection levee.
94	Jaws-Lake Fausse Pointe	Outlet, Charenton drainage canal and protection levee	Restoration of drainage west of West Atchafalaya Basin protection levee.
105	Calumet	Floodgate, west	Bayou Teche and Wax Lake Outlet.
105	Wax Lake Outlet	Drainage canal-railway and highway bridges	To lower flood heights.
	<i>Atchafalaya River</i>		
0-54	Barbre Landing-Alabama Bayou	East bank, levee	--
5-6	Simmesport	Levee, ring, and drainage structure	--
5-66	Simmesport-Bayou Garofier	West bank, levee	--
28-30	Melville	Levee, ring	--
40-41	Krotz Springs	Levee, ring	--
54-117	Below Alabama Bayou	Channel enlargement	Increase channel capacities to decrease flood heights.
94-106	Mississippi River-Morgan City	12- by 125-foot navigation channel	Through Grand and Six Mile Lakes.
	TECHE-VERMILION BASINS, LA		
	Atchafalaya River to Teche- Vermilion Basins	Pumping station above Krotz Springs, conveyance channels, and appurtenant works	Freshwater distribution from Atchafalaya River to Teche- Vermilion Basins.

MISSISSIPPI RIVER COMMISSION

**TABLE 41-B
(Continued)**

**MISSISSIPPI RIVER TRIBUTARY
AND OUTLET IMPROVEMENTS**

Mileage Above Mouth	Locality	Improvement	Remarks
	<i>Courtableau Basin, LA, and outlets</i>		
0-8	Charenton Canal	Drainage channel	Outlet to gulf
50-133	West Atchafalaya protection levee borrow pit channel	Drainage channel	Intercepting drainage channel.
96	Bayou Courtableau spillway	Drainage control structure	--
133	Bayou des Glaises	Diversion channel	--
	BAYOU COCODRIE AND TRIBUTARIES		
	Bayou Courtableau	Enlargement and additional culverts	Washington to west protection levee.
0-17	Bayou Cocodrie	Enlargement and realignment	--
17-40	Bayous Cocodrie-Boeuf diversion	New channel	--
40-51	Bayou Boeuf	New channel	--
51-60	Bayous Boeuf-Rapides diversion	New channel	--
17-42	Upper Cocodrie	Enlargement, clearing, and snagging	--
	<i>Bayou Boeuf</i>		
87-107	Bayou Lamourie to Kincaid	Enlargement, realignment, clearing, and snagging	--
	<i>Structures</i>		
40	Lecompte Control Structure	Fixed elevation weir	--
60	Bayou Rapides Control Structure	Gated drainage structure	--
87	Bayou Lamourie Control Structure	Gated drainage structure	--
	Various	Railway, highway, and local road bridges, and pipeline crossing	--
	LAKE PONTCHARTRAIN, LA		
	Lake Pontchartrain, Jefferson Parish, LA	Flood protection	(^{2,3})
	AMITE RIVER, LA		
	Amite River, LA	Bank protection	Authorized by Public Law 81-516. Eliminated by Public Law 89-298.
	LOWER RED RIVER, SOUTH BANK, RED RIVER LEVEES, LA		
82-145	Moncla-Hotwells	Levee, south bank	--
	Bayou Rapides Pumping plant and gravity structure	Levee, south bank	Senate Doc. (Public Law 84-99) Added to project by Public Law 101-514.
	Red River-Moncla to Lake Long	Levees	Intermittent (Sec. 6).

TABLE 41-B MISSISSIPPI RIVER TRIBUTARY AND OUTLET IMPROVEMENTS (Continued)

Mileage Above Mouth	Locality	Improvement	Remarks
	EASTERN RAPIDES AND SOUTH-CENTRAL AVOYELLES PARISHES, LA Eastern Rapides and south-central Avoyelles Parishes, LA	Flood protection and drainage improvement	Authorized by Public Law 91-611.
	TENSAS BASIN, AR AND LA <i>Red River backwater area</i> Tensas-Cocodrie area	Levees, drainage channels, structures, and pumping plant	(4)
3-56	Larto Lake-Jonesville	Levees, drainage channels, and structures	(4)
	Sicily Island area	Levees, drainage channels, structures, and pumping plants	(4)
3-56	Below Red River area	Levees, drainage channels, structures, and pumping plants	(4)
5	<i>Black River, LA</i> Six Mile Bayou area	Drainage structure and appurtenant channel works	Unpublished VXD-MRC Letter Report dated May 31, 1977, MR&T authority. ²
56	Jonesville, LA	Levees, floodwall, pumping plant, and interior drainage	Portion of levee built under Sec. 6. Incorporated in MR&T by Public Law 81-516. ²
	Ouachita River	Levees, drainage channels, and structures	Monroe to Sandy Bayou and Bawcomville (Sec. 6).
	<i>Boeuf and Tensas Rivers and Bayou Macon, AR and LA</i> <i>Boeuf River, AR and LA</i>		
0-32	Below Bayou La Fourche	Clearing	(5)
0-56	Bayou La Fourche	Channel improvement and realignment	(5)
151-235	Boeuf River, AR and LA above Bayou La Fourche	Channel improvement	Authorized by Public Laws 78-534 and 79-526. ^{2,3}
210-286	Canal 19	Channel improvement	(5)
286-296	Canal 19 extension	Channel improvement	(6)
0-75	Big and Colewa Creeks	Channel improvement	Authorized by Public Law 78-534. ³
	<i>Tributaries of Boeuf River-- Canal 19</i>		
0-8	Fleschmans Bayou	Channel improvement	(6)
0-7	Caney Bayou	Channel improvement	(6)
0-33	Big Bayou	Channel improvement	(5)
0-10	Canal 18	Channel improvement	(6)
0-9	Kirsch Lake Canal	Channel improvement	(6)
0-14	Black Pond Slough	Channel improvement	(6)
	<i>Bayou Macon, AR and LA</i>		
0-170	Bayou Macon	Channel improvement	See Table 41-E
0-34	Canal 43	Channel improvement	(5)
0-35	Canal 81	Channel improvement	(5)

MISSISSIPPI RIVER COMMISSION

**TABLE 41-B
(Continued)**

**MISSISSIPPI RIVER TRIBUTARY
AND OUTLET IMPROVEMENTS**

Mileage Above Mouth	Locality	Improvement	Remarks
Lake Chicot	Pumping plant and drainage structure <i>Tributary of Bayou Macon</i>	To divert flows from Lake Chicot	Authorized by Public Law 90-483.
0-6	Rush Bayou <i>Tensas River, AR and LA</i>	Clearing	(⁶)
0-165	Tensas River <i>Tributary of Tensas River</i>	Channel improvement	Authorized by Public Law 78-534. ³
0-22	Mill and Vidal Bayous <i>Grant's Canal, LA</i>	Channel improvement	Authorized by Public Law 89-298.
0-0.2	Grant's Canal at Lake Providence	Filling canal	Authorized by Public Law 81-516.
	LOWER ARKANSAS RIVER, AR		
23-98	Yancopin-Pine Bluff	Levee, south bank	--
35-98	Fletcher Bend, AR, to Pine Bluff	Revetment	--
48-102	North Little Rock to Gillett (below Plum Bayou)	Levee, north bank	(⁵)
	GRAND PRAIRIE-BAYOU METO, AR		
	Grand Prairie Region and Bayou Meto Basin, AR	Aquifer protection. water supply and environmental improvements	Authorized by Public Law 81-516.
	YAZOO BASIN, MS		
0-75	Yazoo Backwater area	Levees and pumping plants	--
0-381	Yazoo River System below Arkabutla Lake	Channel improvement	Including Tallahatchie and Coldwater Rivers.
75-366	Yazoo River between Yazoo City and Prichard	Levees, right bank	Intermittent.
75-345	Yazoo River between Yazoo City and Askew	Levees, left bank	Intermittent.
45-109	Will M. Whittington Auxiliary Channel	Floodway channel	--
75	Yazoo City protection	Levee, drainage structure, and pumping plant	--
	Rocky Bayou area	Channel clearing and enlargement	Improvement of 7.8 miles was approved Apr. 29, 1970.
127	Belzoni protection	Levee and floodwall	--
185	Greenwood protection	Levees, channel improvement, drainage structures, and pumping plants	--
381	Arkabutla Lake	Flood detention and conservation	See Table 41-C.
0-64	Yalobusha River below Grenada Lake	Channel improvement	--
64	Grenada Lake	Flood detention and conservation	See Table 41-C.
0-24	Tallahatchie River-Little Tallahatchie River	Levees, Panola-Quitman Floodway	--
0-26	Little Tallahatchie River below Sardis Lake	Channel improvement	--

**TABLE 41-B
(Continued)**

**MISSISSIPPI RIVER TRIBUTARY
AND OUTLET IMPROVEMENTS**

Mileage Above Mouth	Locality	Improvement	Remarks
26	Sardis Lake	Flood detention and conservation	See Table 41-C.
0-13	Yocono River below Enid Lake	Channel improvement	--
13	Enid Lake	Flood detention and conservation	See Table 41-C.
0-88	Cassidy Bayou below Old Coldwater River	Channel improvement	Including Moore's Bayou, Cutoff Bayou, Whiting Lake and outlet.
137-260	Upper Yazoo Projects	Floodway channel	--
75-381	Area between main stem and hills including Bobo Bayou McKinney Bayou enlargement of pumping plant.	Levees and channel improvement	Authorized by Public Law 79-526.
0-8.3	Alligator-Catfish Bayous	Channel improvement and	Authorized by Public Law 79-526.
0-23	Bear Creek	Channel improvement	Authorized by Public Law 89-298. As modified in GDM in 1967.
0-42	Whiteoak Bayou	Channel improvement	Authorized by Public Law 89-298.
275-290	Tallahatchie River, MS	Two road crossings of Panola-Quitman Floodway, MS, and for protection of Sheley Bridge	Authorized by Public Law 90-147.
0-204	<i>Big Sunflower River, etc.</i> Big Sunflower River	Channel improvement	Authorized by Public Law 78-534. ³
0-8	Hull Brake-Mill Creek Canal	Channel improvement	--
0-28	Hushpuckena River	Channel improvement	--
0-81	Quiver River	Channel improvement	--
0-43	Gin and Muddy Bayous, MS	Channel improvement	Authorized by Public Law 87-874.
0-4	Bogue Phalia	Channel improvement	Authorized by Public Law 78-534. ³
0-4	Ditchlow Bayou	Channel improvement	Authorized by Public Law 78-534. ³
0-27	Little Sunflower River	Channel improvement	Authorized by Public Law 78-534. ³
153-160	Deer Creek	Channel improvement	Authorized by Public Law 78-534. ³
0-68	Steele Bayou	Channel improvement	Authorized by Public Law 78-534. ³
	Muddy Bayou	Water-control structure	Modified in December 1970. See Table 41-D. Approved Mar. 3, 1970. See Table 41-D.
	LOWER WHITE RIVER AND BASIN, AR		
13-55	Laconia Circle-Old Town Lake	Levee, backwater including outlet	Mile 605-645 Mississippi River.
0-68	Big Creek and tributaries structures	Pumping plant Channel improvement and	(⁶) Authorized by Public Law 89-298.

MISSISSIPPI RIVER COMMISSION

**TABLE 41-B
(Continued)**

**MISSISSIPPI RIVER TRIBUTARY
AND OUTLET IMPROVEMENTS**

Mileage Above Mouth	Locality	Improvement	Remarks
99	Clarendon levee	Levee and outlet structures	Authorized by Public Law 89-298.
108-192	Augusta to Clarendon	Levees, outlet structures	(⁵)
122	De Valls Bluff	Levee, outlet structure, and pumping station	(⁵)
143	Des Arc, AR	Levee, outlet structure, and pumping station	Authorized by Public Law 81-516.
0-196	CACHE BASIN, AR Cache River, AR	Channel improvement and structures	Authorized by Public Law 81-516.
0-90	Bayou DeView, AR	Channel improvement and structures	Authorized by Public Law 81-516.
	ST. FRANCIS RIVER AND BASIN, AR AND MO		
260	Inter-River Drainage District in Missouri	Channel improvement and two outlet structures	Authorized Dec. 16, 1975. See Table 41-D.
0-225	Mouth of St. Francis River-Wappapello Dam	Floodway, levees, drainage channels, and structures	--
225	Wappapello Lake	Flood detention and conservation	See Table 41-C.
0-105	Little River Basin	Floodway, levees, drainage channels, and structures	--
86	Marked Tree, AR	Marked Tree Siphon	--
0-36	Tyronza River	Channel improvement	--
0-29	Big Slough Ditch	Channel improvement	--
0-17	Mayo Ditch	Channel improvement	--
0-12	Cross County Ditch Belle Fountain Ditch	Channel improvement Channel improvement	-- Authorized by Public Law 90-483.
	Drainage District No. 17	Channel improvement and pumping station	Authorized by Public Law 90-483.
0-108	L'ANGUILLE RIVER, AR L'Anguille River and tributaries, Brushy and First Creeks	Channel improvement	Authorized by Public Law 80-858.
	WEST TENNESSEE TRIBUTARIES		
0-25	Wolf River and tributaries, TN Obion River and tributaries, North, South, Middle, and Rutherford Forks	Channel improvement Channel improvement	(⁶) Authorized by 1948 Flood Control Act.
	Forked Deer River and tributaries, North, Middle, and South Forks	Channel improvement	Authorized by 1948 Flood Control Act.
	Mud Lake Pumping Station, TN	Pumping plant	Authorized by Resolutions Dec. 15 and 17, 1970. ²

**TABLE 41-B
(Continued)**

**MISSISSIPPI RIVER TRIBUTARY
AND OUTLET IMPROVEMENTS**

Mileage Above Mouth	Locality	Improvement	Remarks
	Harris Fork Creek, TN and KY	Flood control improvements	Authorized by Water Resources Act of Oct. 22, 1976. ² Section 102, 1976. ²
	Porter Gap, TN	Construction to main-stem standards, levee and appurtenant structures for flood control	Section 183, 1976. ²
0-20	REELFOOT LAKE-LAKE NO. 9, TN AND KY Running Reelfoot Bayou, TN	Channel improvement	Authorized by Public Law 83-780.
0-15	Bayou du Chien and Lake No. 9, KY and TN	Channel improvements and pumping station	Authorized in December 1970. See Table 41-D.
0-47	WEST KENTUCKY TRIBUTARIES, KY Obion Creek, KY	Channel improvement	Authorized by Public Law 89-298.
	LITTLE RIVER DIVERSION CHANNEL, MO Delta to Ansell, MO	Levees	Mile 49 above Cairo.
0-28	MISSOURI RIVER, MO Mouth to St. Charles, MO	Levees	Intermittent (Sec. 6).
0-120	ILLINOIS RIVER, IL Mouth to Havana, IL	Levees	Intermittent (Sec. 6).
	OHIO RIVER, IL AND KY Cairo to Mound City and Mounds, IL	Floodwall, levee, revetment, and pumping plant	

1. General data concerning Bayou Boeuf, Bayou Sorrel, and Berwick locks where Atchafalaya Basin protection levees cross Gulf Intracoastal Waterway, alternate route to Plaquemine, LA, and lower Atchafalaya River (extension of Bayou Tech Waterway), respectively, are in report of New Orleans District.
2. Also see Table 41-D, "Authorizing Legislation."
3. Public Law 81-516 modified requirements of local cooperation.
4. Authorized by Public Law 77-228. Modified by Public Law 89-298.
5. Authorized or incorporated in MR&T by Public Law 79-526.³ See Table 41-D.
6. Authorized by Public Law 85-500.

TABLE 41-D AUTHORIZING LEGISLATION

Act or Authorization	Work Authorized	Document
May 15, 1928	Flood protection in alluvial valley of Mississippi River, revetment and contraction works and dredging to provide least channel depth of 9 feet and width of 300 feet below Cairo.	H. Doc. 90, 70th Cong., 1st sess.
Jun. 19, 1930	Provided for allotment of the balance of emergency rescue funds to reimburse levee districts and others for expenditures in flood-control works during the 1927 and subsequent floods.	Public Law 395, 71st Cong., 2d sess.
Feb. 15, 1933	Provided for ownership of lands in Bonnet Carré Spillway and Floodway with proviso for granting rights-of-way, easements, and permits, in said lands.	Public Law 351, 72d Cong.
Apr. 23, 1934	Authorized payment for purchase of, or to reimburse states and local levee districts for the cost of, levee rights-of-way for flood-control work in the Mississippi Valley, and for other purposes.	Public Law 171, 73d Cong.
Aug. 30, 1935	Improvement of Wolf and Nonconnah Rivers, TN (Nonconnah Creek is correct title). Improvement of Wolf River (Memphis Harbor), TN.	R&H Comm. Doc. 26, 72d Cong., 1st sess. R&H Comm. Doc. 45, 74th Cong., 1st sess.
Jun. 15, 1936	Modification of the 1928 Act to provide for: Construction of a backwater levee at mouth of White River, AR. Construction of Eudora floodway in lieu of Boeuf floodway; flood control, Yazoo River; construction of Morganza floodway; and an outlet to the Gulf of Mexico west of Berwick, LA, including a 6-year program for the improvement and regularization of the Mississippi River between Arkansas and Red Rivers, and Atchafalaya River; and construction of roads on levees and drainage adjustments incident to floodway levees.	Unpublished report dated Apr. 2, 1925. H. Comm. on Flood Control, Doc. 1, 74th Cong., 1st sess.
Aug. 28, 1937	Provided for construction of floodwalls, levees, and revetments along Wolf River and Nonconnah Creek for protection of Memphis, TN. Modify the Yazoo River project to substitute a combined reservoir floodway and levee plan.	Unpublished report on record in OCE.
Jun. 28, 1938	Construction of Mounds to Mound City levee and control works along Cache River, IL. Modification of previous act pertaining to floodways and outlets and lands therein; including program for the improvement and regularization of the Mississippi River, between Cairo and Arkansas River, extension of levee road system; strengthening of levees.	H. Comm. on Flood Control, Doc. 1, 75th Cong., 1st sess. H. Comm. on Flood Control, Doc. 1, 75th Cong., 1st sess.
Aug. 18, 1941	Enlarge main line levees to offset abandonment of floodways between Arkansas and Red Rivers, flood-control works in backwater areas of Yazoo and Red Rivers, and in Bayous Rapides, Boeuf, and Cocodrie, LA.	H. Doc. 359, 77th Cong., 1st sess.

MISSISSIPPI RIVER COMMISSION

**TABLE 41-D
(Continued)**

AUTHORIZING LEGISLATION

Act or Authorization	Work Authorized	Document
	Modification of the Yazoo Basin, MS, feature to provide for a streambank erosion control demonstration project for the delta and hill areas of basin.	Sec. 32, Public Law 93-251.
	Modification of project to provide that the Secretary of the Army, acting through the Chief of Engineers, can substitute authorized mitigation lands, not yet acquired and no longer suitable, for like acreage in the same or adjacent subbasins of the project area. This section provides the authority to substitute authorized mitigation lands in: a. Tensas Basin, LA and AR, feature (Red River backwater). b. St. Francis Basin, AR and MO, feature.	Sec. 42, Public Law 93-251.
	Modification of Bayou Cocodrie and tributaries, LA, feature, to provide for: enlargement of Bayou Courtableau from Washington to west protection levee; right-of-way and spoil disposal areas at Federal expense; and necessary additional culverts through west protection levee.	Sec. 87, Public Law 93-251.
	Modification of Cache River Basin, AR, feature to provide for: acquisition by fee easements of lands for fish and wildlife management, recreation, and environmental purposes.	Sec. 99, Public Law 93-251.
TITLE II River Basin Monetary Authorization Act of 1974	Continue prosecution of project for the comprehensive development of the basin, \$211 million.	Sec. 201, Public Law 93-251. Mar. 7, 1974.
River Basin Monetary Act of Oct. 2, 1975	Continue prosecution of project for the comprehensive development of the basin, \$158,000,000.	Sec. 1, Public Law 94-101.
Dec. 16, 1975 ²	Modification of St. Francis Basin, AR and MO, feature to provide relief from ponding of interior runoff in the Inter-River Drainage District of Missouri.	Unpublished Memphis District's MRC report dated Nov. 11, 1975.
TITLE II Public Works for Water and Power Development and Energy Research Appropriation Act, 1976.	Continue prosecution of project for comprehensive development during period Jul. 1-Sep. 30, 1976, \$60,300,000.	Public Law 94-180, Dec. 26, 1975.

TABLE 41-D **AUTHORIZING LEGISLATION**
(Continued)

Act or Authorization	Work Authorized	Document
TITLE II Public Works for Water and Power Development and Energy Research Appropriation Act, 1977.	Continue prosecution of project for flood control, rescue work, repair, restoration, and control of bank erosion, \$231,497,000.	Public Law 94-355, Jul. 12, 1976.
Water Resources Development Act of 1976.	<p>Sec. 101(a) authorized accomplishment of Phase I - Advanced Engineering and Design Memoranda-On:</p> <ul style="list-style-type: none"> a. St. Johns Bayou and New Madrid Floodway, MO, project: Report of OCE - Sep. 26,1975. b. Nonconnah Creek, TN and MS, project: Report of OCE - Jun. 23, 1976, and as an independent part of the project: Improvements for flood control and allied purposes on Horn Lake Creek and tributaries, including Cowpen Creek, TN and MS. <p>Modification of West Tennessee Tributaries feature (Obion and Forked Deer Rivers), TN, to:</p> <ul style="list-style-type: none"> a. (Sec. 102) - Provide project for flood control for Harris Fork Creek, TN and KY: (H.D. 94-221) except that highway bridge relocations and alterations shall be at Federal expense. b. (Sec. 183) - Provide for construction of a levee and appurtenant works from mouth of Obion diversion channel to vicinity Highway 88 and thence to vicinity of Porter Gap, TN. 	Public Law 94-587, Oct. 22, 1976.
TITLE II Public Works for Water and Power Development and Energy Research Appropriation Act, 1978.	Continue prosecution of project for flood control, rescue work, repair, restoration, and control of bank erosion, \$253,081,000.	Public Law 95-96 Aug. 7, 1977.
Dec. 9, 1977, 5th Ind. on VXD May 31, 1977, Letter Report. ²	Modification of the Tensas Basin Project, Red River Backwater Area, to include a drainage structure and appurtenant channel works in the Six Mile Bayou area of Concordia Parish, LA.	Unpublished Vicksburg District report dated May 31, 1977, on Cynthia and Six Mile Bayous, LA.
Jun. 28, 1980	The establishment of the Tensas River National Wildlife Refuge for the preservation and development of environmental resources and in lieu of mitigation acquisitions which otherwise would be required for certain water resources projects, within designated limits, in the basins of the Tensas, Boeuf, and Red Rivers in the State of Louisiana.	Public Law 96-285, Jun. 28, 1980.

MISSISSIPPI RIVER COMMISSION

**TABLE 41-D
(Continued)**

AUTHORIZING LEGISLATION

Act or Authorization	Work Authorized	Document
Energy and Water Development Appropriation Act, 1981	For expenses necessary for prosecuting work of flood control projects, rescue work, repair, restoration or maintenance of flood control projects threatened or destroyed by flood, \$232,519,000: Provided, That not less than \$250,000 be available for control of bank erosion of streams in the Yazoo Basin, including the foothill area. Provided further, That funds for the Tensas Basin Red River Backwater Area, be used for flood control, etc., for Sicily Island and Below Red River including pumping stations.	Public Law 96-367, Oct. 1, 1980.
Supplemental Appropriations Bill for FY Ending Sep. 30, 1985 (PL 99-88), and the Water Resources Development Act of 1986 (PL 99-662)	Authorizes and directs the Secretary of the Army acting through the Chief of Engineers to proceed with planning, design, engineering, and construction of 41 water resources projects, including Atchafalaya Basin Floodway System. For the Atchafalaya Basin Floodway Systems project, cost-sharing is only required for the recreation feature of the project. The flood control and environmental features are Federal costs.	FY 1985 Supplemental Appropriations Bill (PL 99-88), and Water Resources Development Act of 1986 (PL 99-662).
Water Resources Development Act, 1986	<p>Sec. 104(a), Authorization of Projects - Authorization of Construction:</p> <p>Incorporation of the project for flood control, Louisiana State Penitentiary levee, Mississippi River, LA: Report of the Chief of Engineers, dated Dec. 10, 1982, at a total cost of \$23,400,000, with an estimated first Federal cost of \$17,600,000 and an estimated first non-Federal cost of \$5,800,000. No acquisition of land for or actual construction of the project may commence until appropriate non-Federal interests shall agree to undertake measures to minimize the loss of fish and wildlife habitat lands in the project area. The work is unscheduled.</p> <ol style="list-style-type: none"> a. Bushley Bayou, LA. Water Resources Development Act of 1986 authorized the project for flood control, Bushley Bayou, LA. b. Eight Mile Creek, Paragould, AR. Project entails channel improvement along the creek with miniparks and hiking/ biking trails. c. Helena and Vicinity, AR. The Helena Basin is an urban basin containing approximately 3,500 acres which frequently and severely floods the city of Helena. A pumping station and sump with channel enlargement and a gated culvert was recommended. d. West Memphis and Vicinity, AR. Channel improvements along Ten Mile Bayou and Fifteen Mile Bayou for a total of 23.86 miles, with limited revegetation of right-of-way to maintain environmental stability. e. St. Johns Bayou and New Madrid Floodway, MO. Flood control for urban and rural land. 	Public Law 99-662, Nov. 17, 1986.

TABLE 41-D **AUTHORIZING LEGISLATION**
(Continued)

Act or Authorization	Work Authorized	Document
Energy and water Development Appropriation Act, 1994	f. Nonconnah Creek and Johns Creek, TN and MS. Channel enlargement, recreation features with channel construction and environmental enhancement.	
	g. Horn Lake Creek and Tributaries, TN and MS. This is an urban flood control project located in extreme northwest Mississippi and southwest Tennessee. The plan of improvement consists of 3.5 miles of selective drift removal on lower Horn Lake Creek and 2.6 miles of vegetative clearing on Horn Lake Creek, 2.1 miles on Rocky Creek and 0.6 miles of vegetative clearing and 1.8 miles of channel enlargement on Cow Pen Creek. Hike/bike trails are included along Rocky Creek and Cow Pen Creek.	
	h. Atchafalaya Basin Floodway System, La. Not mentioned, but this Act authorized basic cost sharing principles for the project. In particular establishes that the fish and wildlife enhancement feature of the project is of national significance, and therefore, a 100 percent Federal cost.	
	i. Lower Atchafalaya Basin Reevaluation Study. Authority to, within available funds, investigate conditions at Wax Lake Outlet, Bayou Black, and other features, and recommend any modification desirable for flood protection navigation, and environmental program.	
	Sec. 601(a) Authorization of Projects. Authorization of Construction:	
	a. Yazoo Backwater Area, MS. Authorized the project for mitigation of fish and wildlife losses at the Yazoo Backwater Project, MS. The project shall include acquisition of 40,000 acres for mitigation of project-induced fish and wildlife losses.	
	b. Greenville Harbor, MS. Authorized the project for navigation, Greenville Harbor, MS, as contained in the reports of Chief of Engineers, Nov. 15, 1977 and Feb. 2, 1982, at a total cost of \$43,700,000 with an estimated first Federal cost of \$28,000,000 and an estimated non-Federal first cost of \$15,700,000.	
	c. Vicksburg Harbor, MS. Authorized the project for navigation, Vicksburg Harbor, as contained in the report of the Chief of Engineers, Aug. 13, 1979, at a total estimated first Federal cost of \$55,900,000 and an estimated non-Federal first cost of \$23,300,000.	
	d. Helena Harbor, Phillips County, AR. The recommended plan consists of dredging a navigation channel to provide access to 685 acres of landfill; construction of an overlook park; implementing landscaping and erosion control measures; and mitigation fish and wildlife losses. The project is scheduled to be constructed in two phases.	

MISSISSIPPI RIVER COMMISSION

**TABLE 41-D
(Continued)**

AUTHORIZING LEGISLATION

Act or Authorization	Work Authorized	Document
	<p>e. White River Navigation to Batesville, AR. The plan of improvement recommended in the Feasibility Report provides for construction and maintenance to provide a 200-foot wide, 9-foot deep channel available 95 percent of the time from mile 10 (Arkansas Post Canal) to mile 254, two scenic overlooks, a primitive camping area, and acquisition of about 1,865 acres of woodlands for mitigation. However, section 52 of the Water Resources Development Act of 1988 deauthorized this project.</p> <p>f. Obion Creek, KY. To prevent headwater flooding along tributary streams and backwater flooding of alluvial lands.</p> <p>g. Memphis Harbor, Memphis, TN. This is a navigation project in the vicinity of Memphis, TN, which would consist of dredging and maintaining a 4.9 mile long, 500-foot minimum width, 9-foot deep general navigation channel with additional dredging as required and strategic placement of dredged material to create and provide navigation access to 1,000 acres to be developed as a waterfront industrial complex.</p> <p>Sec. 806. Reelfoot Lake, KY. This project is modified to provide that the Federal share of the cost of operating the pumping plant feature of such project shall be 50 percent.</p> <p>Sec. 836. Mud Lake, Western Tennessee Tributaries. This project is modified to provide that the requirements of local cooperation shall be (1) 50 percent of the value of the lands, easements, and rights-of-way, (2) to hold and save the United States free from damages due to the construction works, and (3) to maintain and operate all the works after completion.</p>	
Jun. 4, 1987	Modification of Mississippi Delta Region project to construct salinity control structure at Davis Pond (mile 118) rather than at Myrtle Grove (mile 59).	Unpublished New Orleans District report, Nov. 1, 1984.
Water Resources Development Act, 1988	<p>Sec. 3(a), Project Authorizations - Authorization of Construction:</p> <p>a. Mississippi-Louisiana Estuarine Area, MS and LA. Authorized the project for environmental enhancement, as contained in the report of Chief of Engineers, dated May 19, 1986, at a total cost of \$59,300,000.</p>	Public Law 100-676 Nov. 17, 1988
Water Resources Development Act, 1988	<p>Section 4(b) West Memphis and Vicinity, AR. Modified the project by allowing that non-Federal cooperation may be provided by levee districts, drainage districts, or any unit of a state, county, or local government.</p>	Public Law 100-676, Nov. 17, 1988

MISSISSIPPI RIVER COMMISSION

TABLE 41-E **INCORPORATING AND AUTHORIZING**
LEGISLATION

Act of Law Incorporation	Public Authorizing No.	Act	See Annual Description	For Last Full Report Report for
Jul. 24, 1946	79-526	Jun. 22, 1936	Tiptonville-Obion levee and drainage improvements, TN	1941, p. 943
Jul. 24, 1946	79-526	Jun. 22, 1936	Bayou des Glaises diversion ditch, LA	1946, p. 1029
Jul. 24, 1946	79-526	Jun. 22, 1936	From North Little Rock, AR, to Gillett, AR, on north bank of Arkansas River (portion below Plum Bayou)	1946, p. 1053
Jul. 24, 1946	79-526	Aug. 18, 1941	White River levees, Augusta to Clarendon and De Valls Bluff, AR	1946, p. 1083
Jul. 24, 1946	79-526	Dec. 22, 1944	Boeuf and Tensas Rivers and Bayou Macon, LA	1945, p. 982
Jul. 24, 1946	79-526	Dec. 22, 1944	Big Sunflower River, etc.	1946, p. 1061
Jun. 30, 1948	80-858	Jul. 24, 1946	Devils Swamp barge channel at Baton Rouge, LA (Baton Rouge Harbor)	1948, p. 1059
May 17, 1950	81-516	Jun. 22, 1936	Jonesville, LA	1953, p. 773
May 17, 1950	81-516	Jul. 24, 1946	Lake Pontchartrain-Jefferson Parish, LA	1953, p. 737

TABLE 41-F SUMMARY OF PRESENTLY ESTIMATED FEDERAL FIRST COST OF AUTHORIZED IMPROVEMENTS

Project Title	Estimated Cost ¹ Fiscal Year 2007
Completed features ²	\$ 339,236,000
Mississippi River levees	2,181,000,000
Mud Lake Pumping Station, TN	5,270,000 ³
Sec. 6 levees, 1928 Flood Control Act	4,000,000 ³
Channel improvement	4,015,000,000
Atchafalaya Basin, LA	1,798,000,000
Atchafalaya Basin Floodway System, LA	387,366,000
Bayou Cocodrie and Tributaries, LA	20,400,000 ³
Old River, LA	332,620,000
Lower Red River—South Bank Red River levees, LA	18,813,000 ³
Eastern Rapides and South-Central Avoyelles Parishes, LA	50,000,000 ³
Mississippi Delta Region, LA	116,247,542
Tensas Basin, AR and LA	447, 197,000
Lower Arkansas River, AR	29,676,000 ³
Grand Prairie Region, AR	208,000,000
Yazoo Basin, MS	2,148,700,000
Lower White River, AR (All except Big Creek & Tribs.)	16,802,000 ³
Lower White River, AR (Big Creek & Tribs.)	55,900,000 ³
Cache River Basin, AR	155,000,000
St. Francis Basin, AR and MO	467, 871,000
Francis Bland Floodway Ditch (Eight Mile Creek), AR	15, 062,000 ³
L'Anguille River, AR	15,100,000 ³
West Tennessee Tributaries, TN	176,000,000
Harris Fork Creek, TN and KY	14,300,000 ³
Reelfoot Lake-Lake No. 9, TN and KY	(10,700,000) ³
Reelfoot Lake, TN and KY (Completed)	440,000
Reelfoot Lake-Lake No. 9, TN and KY	10,260,000 ³
West Kentucky Tributaries, KY	26,100,000 ³
Sardis Dam (Dam Safety Assurance), MS	29,200,000
St. Johns Bayou and New Madrid Floodway, MO	55,100,000 ⁴
Nonconnah Creek, TN and MS	27,890,000 ⁴
Horn Lake Creek and Tributaries, TN and MS	11,320,000 ⁴
Greenville Harbor, MS	32,400,000 ⁴
Memphis Harbor (Ensley Berm), TN	23,100,000 ⁴
Helena Harbor, Phillips County, AR	32,156,000 ⁴
Helena, AR, and Vicinity	10,300,000 ^{3,4}
West Memphis, AR, and Vicinity	11,600,000 ^{4,6}
Louisiana State Penitentiary Levee, LA	18,800,000 ^{4,7}
Hickman Bluff, KY	17,525,000
Whiteman's Creek, AR	3,300,000
Reelfoot Lake, TN and KY (Ecosystem Restoration)	21,500,000 ^{3,8}
Mississippi — Louisiana Estuarine Areas, MS and LA	87,139,000 ⁵
Bayou Meto, AR	358,108,000
Lower White River:	(14,177,000)
Clarendon Levee, AR	1,576,000
Augusta to Clarendon, AR	12,601,000

TABLE 41-H

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank R or L	Operations This FY						Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Maintenance				
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹	(Squares) ¹		
MISSISSIPPI RIVER										
Standard Revetment:										
Venice, LA	12	R	--	--	--	--	--	--	--	49,552
Olga, LA	17	L	--	--	--	--	--	--	--	19,053
Lower Childress-Fort Jackson, LA	21	R	--	--	--	--	--	--	--	15,430
Neptune, LA	23	L	--	--	--	--	--	--	--	14,399
Buras, LA	25	R	--	--	--	--	--	--	--	17,283
Tropical Bend, LA	31	R	--	--	--	--	--	10,982	--	25,012
Bayou Lamoque, LA	33	L	--	--	--	--	--	--	--	21,505
Port Sulphur, LA	38	R	--	--	--	--	--	--	--	36,995
Nestor, LA	42	L	--	--	--	--	--	--	--	14,192
Point Michel, LA	44	R	--	--	--	--	--	12,100	--	22,932
Bohemia, LA	46	L	--	--	--	--	--	--	--	16,455
Diamond, LA	48	R	--	--	--	--	--	--	--	11,600
Gravolet, LA	51	L	--	--	--	--	--	--	--	23,874
Junior, LA	54	R	--	--	--	--	--	--	--	23,599
Harlem, LA	57	L	--	--	--	--	--	--	--	15,148
Myrtle Grove, LA	59	R	--	--	--	--	--	--	--	17,435
Monsecour, LA	61	L	--	--	--	--	--	--	--	13,340
Alliance, LA	63	R	--	--	--	--	--	--	--	17,265
Belair, LA	65	L	--	--	--	--	--	--	--	26,111
Jesuit Bend, LA	68	R	--	--	--	--	--	--	--	24,978
Linwood, LA	71	L	--	--	--	--	--	--	--	14,643
Oak Point, LA	72	R	--	--	--	--	--	--	--	16,426
Scarsdale, LA	75	L	--	--	--	--	--	--	--	17,825
English Turn, LA	78	R	--	--	--	--	--	--	--	21,845
Poydras, LA	82	L	--	--	--	--	--	--	--	45,864
Twelve Mile Point, LA	84	R	--	--	--	--	--	--	--	9,979
Cutoff, LA	88	R	--	--	--	--	--	--	--	23,234

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank R or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)	
			New Work			Reinforcement					Maintenance (Squares) ¹
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹	(Squares) ¹			
Standard Revetment:											
Third District, LA	92	L	--	--	--	--	--	--	--	28,372	
Algiers Point, LA	95	R	--	--	--	1,834	16,807	--	--	12,238	
Gouldsboro, LA	96	R	--	--	--	--	--	--	--	4,960	
Gretna, LA	97	R	--	--	--	--	--	--	--	10,340	
Greenville, LA	100	R	--	--	--	--	--	--	--	22,045	
Carrollton, LA	104	L	--	--	--	--	--	--	--	18,637	
Avondale, LA	108	R	--	--	--	--	--	--	--	28,409	
Kenner, LA	113	L	--	--	--	--	--	--	--	45,492	
Luling, LA	119	R	--	--	--	--	--	--	--	44,893	
Destrehan, LA	120	L	--	--	--	--	--	--	--	5,409	
Goodhope, LA	125	L	--	--	--	--	--	--	--	24,531	
Waterford, LA	129	R	--	--	--	--	--	--	--	23,106	
Montz, LA	132	L	--	--	--	--	--	--	--	17,502	
Lucy, LA	136	R	--	--	--	--	--	--	--	19,450	
Reserve, LA	138	L	--	--	--	--	--	--	--	23,234	
Willow Bend, LA	141	R	--	--	--	--	--	5,221	--	13,227	
Angelina, LA	145	L	--	--	--	--	--	1,071	--	32,762	
Vacherie, LA	148	R	--	--	--	--	--	--	--	26,025	
Belmont, LA	152	L	--	--	--	--	--	--	--	25,575	
Richbend, LA	157	R	--	--	--	--	--	--	--	38,498	
Romeville, LA	162	L	--	--	--	--	--	--	--	33,986	
St. Alice, LA	165	R	--	--	--	--	--	--	--	31,130	
Burnside, LA	169	L	--	--	--	--	--	--	--	29,304	
Aben, LA	173	R	--	--	--	--	--	--	--	11,700	
St. Elmo, LA	175	L	--	--	--	--	--	--	--	12,014	
Smoke Bend, LA	177	R	--	--	--	--	--	--	--	18,792	
Marchand, LA	181	L	--	--	--	--	--	--	--	19,603	
Philadelphia Point, LA	183	R	--	--	--	--	--	--	--	5,379	
New River Bend, LA	185	L	--	--	--	--	--	--	--	45,672	

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank R or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)	
			New Work			Reinforcement					Maintenance (Squares) ¹
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹	(Squares) ¹			
Standard Revetment:											
White Castle, LA	193	R	--	--	--	--	--	--	45,968		
St. Gabriel, LA	201	L	--	--	--	--	--	--	33,292		
Plaquemine, LA	209	R	--	--	--	--	--	--	45,012		
Manchac, LA	215	L	--	--	--	--	--	--	38,976		
Missouri Bend, LA	222	R	--	--	--	1,125	5,113	--	30,437		
Arlington, LA	226	L	--	--	--	--	--	--	18,050		
Port Allen, LA	231	R	--	--	--	--	--	--	17,627		
Scotlandville, LA	234	L	--	--	--	--	--	--	1,623		
Allendale, LA	239	R	--	--	--	--	--	4,118	29,520		
Springfield, LA	244	L	--	--	--	--	--	--	25,690		
Arbroth, LA	249	R	--	--	--	--	--	--	23,526		
Faulkner Lake, LA	253	L	--	--	--	--	--	--	18,807		
Grand Bay , LA	257	R	--	--	--	--	--	--	24,909		
Bayou Sara, LA	263	L	--	--	--	--	--	--	29,722		
Red Store, LA	268	R	--	--	--	--	--	--	18,464		
Arrow Bend, LA	272	L	--	--	--	--	--	--	13,600		
Boise Point, LA	275	R	--	--	--	--	--	--	16,094		
Morganza, LA	279	R	--	--	--	--	--	5,533	20,513		
Iowa Point, LA	282	L	--	--	--	--	--	--	15,477		
Brunette Point, LA	285	R	--	--	--	--	--	--	14,335		
Greenwood, LA	290	L	--	--	--	--	--	--	26,032		
Hog Point , LA	296	R	--	--	--	--	--	--	37,516		
Carr Point, LA	302	R	--	--	--	--	--	--	20,725		
Above Old River, LA	305	R	--	--	--	--	--	--	9,958		
Fort Adams, LA	310	L	--	--	--	--	--	--	24,206		
Point Breeze, LA	314	R	--	--	--	--	--	--	13,565		
Coochie, LA	317	R	--	--	--	--	--	5,261	17,150		

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank R or L	Operations This FY Construction						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement		Maintenance (Squares) ¹		
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Standard Revetment: Palmetto, MS	322	L	--	--	--	--	--	--	--	34,650
Total Revetment New Orleans District, Mississippi River			0	0	0	2,959	21,920	44,286	0	1,913,703 362.44 Miles
Dikes:										
Profit Island Chute Closure, LA	252	L	--	--	--	--	--	--	--	4,315
Hog Point, LA	299	L	--	--	--	--	--	--	--	6,850
Hog Point Chute Closure	300	R	--	--	--	--	--	--	--	900
Springfield	241	L	--	--	--	--	--	--	--	1,491
Total Dikes New Orleans District, Mississippi River										13,556 (2.57 Miles)
OLD RIVER CONTROL										
Standard Revetment:										
Inflow channel	315	L	--	--	--	--	--	--	--	2,415
Inflow channel	315	R	--	--	--	--	--	--	--	4,365
Outflow channel	315	L&R	--	--	--	--	--	--	--	19,891
Auxiliary inflow channel	312	L&R	--	--	--	--	--	--	--	17,200
Auxiliary outflow channel	312	L&R	--	--	--	--	--	--	--	5,790
Total Standard Revetment, Old River			--	--	--	--	--	--	--	49,661 (9.41 Miles)

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Below Confluence of Red and Atchafalaya Rivers (Miles)	Bank R or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)	
			New Work			Reinforcement					Maintenance (Squares) ¹
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹				
ATCHAFALAYA RIVER											
Standard Revetment:											
Mile 1.0, LA	1	L	--	--	--	--	--	--	--	4,150	
Coville Bayou, LA	3	R	--	--	--	--	--	--	--	6,550	
Legonier, LA	4	L	--	--	--	--	--	5,388	--	8,940	
Simmesport, LA	6	R	--	--	--	--	--	6,602	--	12,491	
Kuhlman Bayou, LA	8	L	--	--	--	--	--	--	--	5,565	
Odenburg, LA	8	R	--	--	--	--	--	--	--	5,375	
Jacoby, LA	10	L	--	--	--	--	--	--	--	10,269	
Cason, LA	13	R	--	--	--	--	--	--	--	10,798	
McCrea, LA	14	L	--	--	--	--	--	--	--	6,572	
Woodside, LA	15	R	--	--	--	--	--	7,819	--	13,002	
Provosty, LA	17	L	--	--	--	--	--	--	--	9,111	
Crooked Bayou, LA	19	R	--	--	--	--	--	--	--	20,294	
Mercier, LA	22	L	--	--	--	--	--	--	--	13,000	
Barberton, LA	24	R	821	413	5,812	--	--	--	--	4,413	
Evans Point, LA	24	L	--	--	--	--	--	--	--	6,668	
Goudeau, LA	26	R	1,035	36	4,967	--	--	6,193	--	4,973	
Morris Bayou, LA	27	L	--	--	--	--	--	--	--	5,440	
Goodwood, LA	28	R	--	--	--	--	--	--	--	8,505	
Red Cross, LA	30	L	--	--	--	--	--	--	--	9,608	
Melville, LA	31	R	--	--	--	--	--	--	--	5,660	
Cross Bayou, LA	31	L	--	--	--	--	--	--	--	6,065	
Melville South, LA	32	R	--	--	--	--	--	--	--	13,340	
Toles, LA	35	L	--	--	--	--	--	--	--	7,302	
Petite Prairie, LA	36	R	--	--	--	--	--	--	--	8,381	
Three Mile Bayou, LA	38	R	--	--	--	--	--	--	--	6,330	

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Below Confluence of Red and Atchafalaya Rivers (Miles)	Bank R or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Maintenance (Squares) ¹	Reinforcement			
			Exten sion (Linear Feet)	Lap (Linear Feet)	(Squares) ¹		(Linear Feet)	(Squares) ¹		
Standard Revetment:										
Holloway Lake, LA	37	L	--	--	--	--	--	--	--	7,085
Bayou Sherman, LA	39	L	--	--	--	--	--	--	--	5,200
Krotz Springs, LA	41	R	--	--	--	--	--	--	--	7,925
Sherburne, LA	43	L	--	--	--	--	--	--	--	10,960
Bayou Big Graw, LA	45	R	--	--	--	--	--	--	--	14,164
Coswell Bayou, LA	48	L	--	--	--	--	--	--	--	6,490
Courtableau, LA	49	R	--	--	--	--	--	4,711	--	6,905
Alabama Bayou, LA	50	L	--	--	--	--	--	--	--	9,410
Indian Bayou, LA	52	R	--	--	--	--	--	--	--	7,098
Happytown, LA	53	L	--	--	--	--	--	--	--	7,285
Otis Landing, LA	54	R	--	--	--	--	--	--	--	5,251
Morgan City Front, LA	115	L	--	--	--	--	--	--	--	3,410
Berwick South	12	R	--	--	--	--	--	--	--	1,428
Total Standard Revetment Atchafalaya River			1,856 (0.35)	449	10,779	0	0	30,713	0	305,413 (57.84 Miles)
Dikes:										
Ten Mile Dikes	10	R	--	--	--	--	--	--	--	2,500 (0.47 Miles)
<p style="text-align: center;">Below Confluence of Old River Out flow Channel and Red River (Miles)</p>										
LOWER RED RIVER										
Standard Revetment:										
Long Lake, LA	10	R	--	--	--	--	--	--	--	6,652
Naples, LA	7	R	--	--	--	--	--	--	--	6,190
Turnbull Island, LA	9	L	--	--	--	--	--	--	--	11,038
Total Standard Revetment			--	--	--	--	--	0	--	23,880 (4.52 Miles)

41-53

MISSISSIPPI RIVER COMMISSION

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Reinforcement	Maintenance			
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Tons of Stone)					
Dikes:										
None										
MISSISSIPPI RIVER										
Foreshore Protection:										
Port Allen	233.0	R	--	--	--	--	--	--	--	7,500
Cottage Plantation	222.6	L	--	--	--	--	--	--	--	2,000
Upper Plaquemine Point	210.5	L	--	--	--	--	--	--	--	4,350
Lower Plaquemine Point	207.0	L	--	--	--	--	--	--	--	2,935
Point Pleasant	201.7	R	--	--	--	--	--	--	--	5,221
Upper Point Clair	196.0	L	--	--	--	--	--	--	--	0
Point Clair	191.0	L	--	--	--	--	--	--	--	10,251
Belle Grove	189.9	R	--	--	--	--	--	--	--	0
Eighty-One Mile Point	176.0	L	--	--	--	--	--	--	--	2,890
Donaldsonville	174.2	R	--	--	--	--	--	--	--	0
Point Houmas	168.9	R	--	--	--	--	--	--	--	5,400
Sunshine	167.4	L	--	--	--	--	--	--	--	900
Union	166.3	L	--	--	--	--	--	--	--	6,500
Convent	158.3	L	--	--	--	--	--	--	--	11,900
Oak Alley	153.4	R	--	--	--	--	--	--	--	7,800
Lutcher	148.6	L	--	--	--	--	--	--	--	8,910
Wallace	145.5	R	--	--	--	--	--	--	--	10,390
Garyville	140.4	L	--	--	--	--	--	--	--	0
Edgard	138.2	R	--	--	--	--	--	--	--	12,410
Reserve	136.0	L	--	--	--	--	--	--	--	2,200
Waterford	129.0	R	--	--	--	--	--	--	--	500
26 Mile Point	122.8	L	--	--	--	--	--	--	--	1,320
Destrehan	121.0	L	--	--	--	--	--	--	--	0
St. Rose	120.8	L	--	--	--	--	--	--	--	9,830
Lower St. Rose	116.6	L	--	--	--	--	--	--	--	7,050
Ama	115.0	R	--	--	--	--	--	--	--	0

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Reinforcement	Maintenance			
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Tons of Stone)					
Foreshore Protection:										
American Cyanamid	114.8	R	--	--	--	--	--	--	--	4,788
Willswood	113.2	R	--	--	--	--	--	--	--	3,980
Avondale	109.4	R	--	--	--	--	--	--	--	6,500
Twelve Mile Point	108.9	L	--	--	--	--	--	--	--	4,580
Avondale	105.5	R	--	--	--	--	--	--	--	2,070
Nine Mile Point	105.0	R	--	--	--	--	--	--	--	1,760
Greenville	100.0	R	--	--	--	--	--	--	--	6,900
Snowdrift	97.6	R	--	--	--	--	--	--	--	8,450
Gretna-Gouldsboro	96.7	R	--	--	--	--	--	--	--	1,683
Algiers	95.4	R	--	--	--	--	--	--	--	1,548
Holy Cross	92.2	L	--	--	--	--	--	--	--	1,915
Arabi	91.9	L	--	--	--	--	--	--	--	6,130
Quarantine	91.5	R	--	--	--	--	--	--	--	3,805
Huntlee	90.4	R	--	--	--	--	--	--	--	3,139
Chalmette	90.2	L	--	--	--	--	--	--	--	1,260
Norman	90.0	R	--	--	--	--	--	--	--	2,968
Brou	89.5	L	--	--	--	--	--	--	--	3,030
Aura	89.3	R	--	--	--	--	--	--	--	3,700
Blythe Blvd	88.6	R	--	--	--	--	--	--	--	4,345
Upper Stanton	86.5	R	--	--	--	--	--	--	--	12,890
Saxonholm-Docville	86.0	L	--	--	--	--	--	--	--	1,060
Pecan Grove-Story	85.8	L	--	--	--	--	--	--	--	1,910
Story-Allo	84.5	L	--	--	--	--	--	--	--	5,400
Delacroix	84.2	R	--	--	--	--	--	--	--	8,220
Twelve Mile Point	83.5	R	--	--	--	--	--	--	--	1,300
Merrit	83.0	L	--	--	--	--	--	--	--	7,800
Saxonholm-Docville	82.5	L	--	--	--	--	--	--	--	7,700
Naval Depot	82.5	R	--	--	--	--	--	--	--	3,096
Caernarvon	81.2	L	--	--	--	--	--	--	--	13,200

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Maintenance				
			New Work		Reinforcement	Maintenance		Maintenance		
Exten- sion (Linear Feet)	Lap (Linear Feet)	(Tons of Stone)	(Linear Feet)	(Tons of Stone)		(Tons of Stone)				
Foreshore Protection:										
English Turn	79.3	L	--	--	--	--	--	--	--	7,500
Little Rock	78.8	R	--	--	--	--	--	--	--	9,268
St. Claire	78.3	L	--	--	--	--	--	--	--	1,025
Fort St. Leon	78.2	R	--	--	--	--	--	--	--	10,700
Scarsdale	75.5	L	--	--	--	--	--	--	--	16,611
Belle Chasse	75.5	R	--	--	--	--	--	--	--	11,500
Stella-Delcour	73.6	L	--	--	--	--	--	--	--	6,405
Oak Point	73.3	R	--	--	--	--	--	--	--	13,766
Promised Land-Woodlawn	70.5	L	--	--	--	--	--	--	--	15,495
Augustaive Oak	70.5	R	--	--	--	--	--	--	--	13,135
Jesuit Bend	69.2	R	--	--	--	--	--	--	--	16,454
Fanny-Belair	66.8	L	--	--	--	--	--	--	--	12,400
Sara-Star	66.3	R	--	--	--	--	--	--	--	2,100
Star	65.8	R	--	--	--	--	--	--	--	5,470
Bayhi	64.0	R	--	--	--	--	--	--	--	11,190
Burbridge	63.2	L	--	--	--	--	--	--	--	12,335
Beau-Carlisle	62.3	L	--	--	--	--	--	--	--	6,258
Alliance	62.0	R	--	--	--	--	--	--	--	4,300
Monsecour-Poverty Point	60.3	L	--	--	--	--	--	--	--	7,380
St. Rosalie	61.4	R	--	--	--	--	--	--	--	6,976
Irontown	60.0	R	--	--	--	--	--	--	--	2,298
Myrtle Grove-Woodpark	58.8	R	--	--	--	--	--	--	--	8,450
Harlem	57.0	L	--	--	--	--	--	--	--	15,550
Wood Park-Deer Range	56.0	R	--	--	--	--	--	--	--	17,650
Nero	54.7	L	--	--	--	--	--	--	--	4,450
Deer Range	54.1	R	--	--	--	--	--	--	--	4,220
Upper Point-Aa-Hache	53.5	L	--	--	--	--	--	--	--	9,101
Junior	53.5	R	--	--	--	--	--	--	--	7,811
Point Celeste	52.2	R	--	--	--	--	--	--	--	3,300

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Reinforcement	Maintenance			
			New Work		(tons of Stone)					
			Exten- sion (Linear Feet)	Lap (Linear Feet)						
Foreshore Protection:										
Davant	51.5	L	--	--	--	--	--	--	--	10,795
St. Thomas	50.0	L	--	--	--	--	--	--	--	6,430
Woodland	50.0	R	--	--	--	--	--	--	--	14,800
Point-Aa-Hache	48.1	L	--	--	--	--	--	--	--	23,030
Nolan	47.2	R	--	--	--	--	--	--	--	13,400
Socola	46.5	R	--	--	--	--	--	--	--	8,255
Point Michel	44.2	R	--	--	--	--	--	--	--	7,350
Happy Jack	43.0	R	--	--	--	--	--	--	--	18,785
Port Sulphur	39.7	R	--	--	--	--	--	--	--	6,430
Little Texas	39.0	R	--	--	--	--	--	--	--	300
Home Place	37.6	R	--	--	--	--	--	--	--	13,250
Naim	34.5	R	--	--	--	--	--	--	--	5,915
Sixty Mile Point	32.1	R	--	--	--	--	--	--	--	0
Tropical Bend	31.2	R	--	--	--	--	--	--	--	5,775
Bowers	30.8	R	--	--	--	--	--	--	--	3,836
Empire	29.7	R	--	--	--	--	--	--	--	2,865
Anderson	29.2	R	--	--	--	--	--	--	--	6,100
Fredrick	27.5	R	--	--	--	--	--	--	--	3,820
Buras	26.0	R	--	--	--	--	--	--	--	13,495
Lower Buras	24.0	R	--	--	--	--	--	--	--	8,900
Triumph	22.5	R	--	--	--	--	--	--	--	5,220
Fort Jackson	21.9	R	--	--	--	--	--	--	--	16,690
Grand Prairie	19.2	L	--	--	--	--	--	--	--	1,350
Upper Commander	18.2	R	--	--	--	--	--	--	--	3,180
Commander	18.0	R	--	--	--	--	--	--	--	22,232

**TABLE 41-H
(Continued)**

**BANK REVETMENTS, DIKES, AND FORESHORE PROTECTION:
NEW ORLEANS DISTRICT (FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY						Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Reinforcement	Maintenance			
			Exten sion (Linear Feet)	Lap (Linear Feet)	(Tons of Stone)					
Foreshore Protection:										
Boothville-Commander	16.0	R	--	--	--	--	--	--	--	1,824
Upper Venice	12.0	R	--	--	--	--	--	--	--	14,800
Total Foreshore Protection										
New Orleans District, Mississippi River			0	--	--	--	--	--	--	757,309 (143.43 Miles)
			0.0 Miles							

1. Gross squares articulated concrete mattress (100 square feet).

TABLE 41-I

**BANK REVETMENTS AND DIKES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or	Operations This FY					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction		Reinforcement	Maintenance	Operative			
			Extension (Linear Feet)	Lap (Linear Feet)						
MISSISSIPPI RIVER										
Standard Revetment:										
Bougere Bend, LA	329	R	--	--	--	--	--	--	29419	
Dead Mans Bend, MS	335	L	--	--	--	--	--	--	33,220	
Glasscock Cutoff, MS-LA.....	342	R	--	--	--	--	--	--	26,083	
Railroad Landing, MS.....	346	L	--	--	--	--	--	--	16,291	
St. Catherine Bend, LA	350	R	--	--	--	--	--	--	29,108	
Morville, LA	356	R	--	--	--	--	--	--	16,917	
Natchez Island, MS	357	R	--	--	--	--	--	--	2,180	
Carthage, MS	361	L	--	--	--	--	--	--	20,350	
Vidalia Casting Field.....	363	L	--	--	--	--	--	--	2,670	
Natchez Front, MS	364	L	--	--	--	--	--	--	6,510	
Giles Cutoff, LA-MS.....	366	R	--	--	--	--	--	--	12,020	
Gibson, LA.....	371	R	--	--	--	--	--	--	--	
Ashland, LA-MS	374	L	--	--	--	--	--	--	33,427	
Kempe Bend, LA	383	R	--	--	--	--	--	--	30,087	
Browns Field, LA.....	389	R	--	--	--	--	--	--	9,280	
Goldbottom, MS.....	392	L	--	--	--	--	--	--	30,250	
Hardscrabble, LA	398	R	--	--	--	--	--	--	22,530	
Grand Gulf, MS.....	403	L	--	--	--	--	--	--	57,318	
Point Pleasant, MS-LA.....	413	R	--	--	--	--	--	--	32,345	
Togo Island, LA	415	R	--	--	--	--	--	--	7,080	
Lake Karnac, LA-MS	419	L	--	--	--	--	--	--	19,260	
Diamond Point, LA-MS	423	R	--	--	--	--	--	--	19,310	
Oakbend, MS	425	L	--	--	--	--	--	--	5,342	
Reid-Bedford, LA	429	R	--	--	--	--	--	--	18,392	
Racetrack, MS	433	L	--	--	--	--	--	--	15,517	
Barge Line Terminal, MS.....	437	L	--	--	--	--	--	--	3,040	
Vicksburg Harbor, MS.....	437	L	--	--	--	--	--	--	7,350	
Delta Point, LA	437	R	--	--	--	--	--	--	7,650	

**TABLE 41-I
(Continued)**

**BANK REVETMENTS AND DIKES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY					Maintenance (Squares) ¹	Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Reinforcement				
			New Work							
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Standard Revetment:										
King's Point—Opposite Delta Point, LA-MS	439	L	--	--	--	--	--	--	--	19,330
False Point, LA.....	443	R	--	--	--	--	--	--	--	16,360
Marshall-Brown's Point, LA-MS	446	L	--	--	--	--	--	--	--	19,580
Milliken Bend, LA	453	R	--	--	--	--	--	--	--	46,140
Belle Island, LA-MS	460	L	--	--	--	--	--	--	--	24,160
Goodrich, LA	467	R	--	--	--	--	--	--	--	40,765
Cottonwood Bar, MS.....	470	R	--	--	--	--	--	--	--	18,580
Filter-Cottonwood, MS	474	L	--	--	--	--	--	--	--	44,220
Hagaman, LA	481	R	--	--	--	--	--	--	--	37,756
Ben Lomond, MS	486	L	--	--	--	--	--	--	--	10,235
Baleshed Towhead-Stack Island, LA-MS.....	488	R	--	--	--	--	--	11,567	--	53,214
Lake Providence, LA.....	489	R	--	--	--	--	--	-	--	11,600
Mayersville, MS.....	497	L	--	--	--	--	--	8,525	--	34,992
Sarah Island-Opossum Point, LA-MS.....	501	R	--	--	--	--	--	--	--	26,815
Carolina, MS	507	L	--	--	--	--	--	--	--	12,905
Cracraft, AR	511	R	--	--	--	--	--	--	--	22,210
Worthington, MS-AR	514	R	--	--	--	--	--	--	--	8,350
Walnut Point Kentucky Bend, MS .	519	L	--	--	--	--	--	--	--	45,653
American Cutoff, MS-AR	526	L	--	--	--	--	--	--	--	2,980
Sunnyside-Lakeport, AR	530	R	--	--	--	--	--	--	--	33,685
Refuge, AR.....	531	L	--	--	--	--	--	--	--	3,132
Vancluse, AR.....	534	R	--	--	--	--	--	--	--	13,016
Island 84, AR-MS.....	535	L	--	--	--	--	--	--	--	13,475
Warfield Point, MS.....	537	L	--	--	--	--	--	--	--	4,320
Leland-LaGrange, AR-MS	538	L	--	--	--	--	--	--	--	14,150

**TABLE 41-I
(Continued)**

**BANK REVETMENTS AND DIKES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY Construction					Maintenance (Squares) ¹	Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Standard Revetment:										
Spanish Moss, AR	539	R	--	--	--	--	--	--	4,580	
Tarpley Island, MS	542	R	--	--	--	--	--	--	2,000	
Miller Bend, MS.....	544	L	--	--	--	--	--	--	29,360	
Island 82, AR.....	546	R	--	--	--	--	--	--	3,080	
Ashbrook Island, MS.....	549	R	--	--	--	--	--	--	3,455	
Arkansas City-Yellow Bend, AR.....	553	R	--	--	--	2,223	11,228	--	48,386	
Huntington Point, MS	556	L	--	--	--	--	--	--	21,205	
Pair O'Dice, AR	561	R	--	--	--	--	--	--	9,095	
Eutaw-Mounds, MS	563	L	--	--	--	--	--	--	40,188	
Cypress Bend, AR	568	R	--	--	--	--	--	--	34,405	
Catfish Point, MS	573	L	--	--	--	--	--	--	20,075	
Ozark, AR-MS.....	578	R	--	--	--	--	--	--	22,015	
Prentiss, AR-MS.....	582	L	--	--	--	--	--	--	20,315	
Rosedale Bend, AR	585	L	--	--	--	--	--	--	8,022	
Riverton, MS	586	L	--	--	--	--	--	--	12,500	
Klondike, AR	588	R	--	--	--	--	--	20,894-	25,295	
Victoria Bend-Terrene, MS	593	L	--	--	--	--	--	--	29,245	
Lake Concordia, MS	596	L	3,120	163	14,037	--	--	--	14,703	
Big Island, AR.....	598	R	--	--	--	--	--	--	16,515	
Smith Point, MS.....	601	L	--	--	--	--	--	--	18,185	
Dennis, MS.....	611	L	--	--	--	--	--	--	25,195	
Cessions, MS.....	615	L	--	--	--	--	--	--	10,910	
Total Revetment, Vicksburg District, Mississippi River.....			3,120	163	14,037	2,223	11,228	40,986	--	1,535,298 (290. 78Miles)

41-61

MISSISSIPPI RIVER COMMISSION

**TABLE 41-I
(Continued)**

**BANK REVETMENTS AND DIKES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Dikes:					(2)		(3)			
Jackson Point, MS	330	L	--	--	--	--	--	--	4,306	
Buck Island, MS.....	339	L	--	--	--	--	--	--	6,334	
Opposite Warnicott Ldg., MS.....	352	L	--	--	--	--	--	--	10,791	
Natchez Island, LA-MS.....	358	R	--	--	--	--	--	--	14,608	
Opposite Rifle Point, MS	369	L	--	--	--	--	--	--	3,214	
Rifle Point, LA	369	R	--	--	--	--	--	--	4,197	
Waterproof Bar, LA.....	379	R	--	--	--	--	--	--	14,580	
Spithead Towhead, MS.....	386	L	--	--	--	--	--	--	9,681	
Browns Field, LA.....	388	R	--	--	--	--	--	--	11,557	
Cottage Bend, LA-MS.....	389	L	--	--	--	--	--	--	14,049	
Bondurant Towhead, LA	394	R	--	--	--	--	--	--	6,029	
Coffee Point, LA	405	R	--	--	--	--	--	--	11,925	
Yucatan, MS	410	R	--	--	--	--	--	--	13,932	
Togo Island, LA	416	L	--	--	--	--	--	--	8,256	
Newtown Bend, LA.....	420	R	--	--	--	--	--	--	6,739	
Diamond Cutoff, MS.....	423	L	--	--	--	--	--	--	6,711	
Below Racetrack, MS.....	430	L	--	--	--	--	--	--	19,378	
Racetrack Towhead, MS.....	431	R	--	--	--	--	--	--	15,270	
Delta Point, LA	439	R	--	--	--	--	--	--	7,840	
False Point, LA.....	441	R	--	--	--	--	--	--	5,675	
Marshall Cutoff, LA.....	448	R	--	--	--	--	--	--	5,166	
Below Grand Gulf, MS	399	L	--	--	--	--	--	--	4,783	
Fritz Island, LA	338	R	--	--	--	--	--	--	4,160	
Forest Home Towhead, LA	449	L	--	--	--	--	--	--	15,873	
Willow Cutoff, LA	462	R	--	--	--	--	--	--	5,197	
Tennessee Bar, MS	465	L	--	--	--	--	--	--	8,166	
Arcadia Point, MS.....	470	L	--	--	--	--	--	--	9,463	
Cottonwood Bar, MS.....	471	R	3470	--	--	--	--	--	5,876	
Point Lookout, LA	478	R	--	--	--	--	--	--	2,751	

**TABLE 41-I
(Continued)**

**BANK REVETMENTS AND DIKES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or R L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Dikes:					(2)		(3)			
Ajax Bar, MS.....	482	L	--	--	--	--	--	--	28,152	
Ben Lomond, MS.....	488	L	--	--	--	--	--	--	24,667	
Baleshed Ldg., MS.....	493	L	--	--	--	--	--	--	15,721	
Wilson Point, LA.....	500	R	--	--	--	--	--	--	8,423	
Corregidor, MS.....	505	L	--	--	--	--	--	--	6,730	
Carolina, AR.....	509	L	--	--	--	--	--	--	2,897	
Cracraft Lower, AR.....	510	R	--	--	--	--	--	--	10,329	
Cracraft, AR.....	513	R	--	--	--	--	--	--	3,809	
Leota, MS.....	514	L	--	--	--	--	--	--	7,571	
Island 86, AR.....	520	R	--	--	--	--	--	--	18,477	
Seven Oaks, AR.....	523	R	--	--	--	--	--	--	10,263	
Walnut Point, MS.....	525	L	--	--	--	--	--	--	7,005	
Anconia Chute, AR.....	527	R	--	--	--	--	--	--	8,583	
Refuge, MS.....	528	L	--	--	--	--	--	--	19,695	
Island 84, AR.....	532	L	400	--	--	--	--	--	12,875	
Vaucluse, AR.....	533	R	--	--	--	--	--	--	7,114	
Warfield Point, AR.....	535	L	--	--	--	--	--	--	2,020	
Leland Bar, AR-MS.....	538	R	--	--	--	--	--	--	15,086	
Leland Neck, AR-MS.....	540	L	--	--	--	--	--	--	4,315	
Tarpley Cutoff, MS-AR.....	540	R	--	--	--	--	--	--	10,478	
Tarpley Island, MS-AR.....	542.4	R	6,050	--	--	--	--	--	6,050	
Island 82-Miller Bend, AR-MS.....	544	R&L	--	--	--	--	--	--	13,646	
Ashbrook-Miller Bend, AR-MS.....	547	L&R	--	--	--	--	--	--	13,015	
Ashbrook Cutoff, MS.....	549	L	--	--	--	--	--	--	8,728	
Below Yellow Bend, AR-MS.....	549.4	R	2,100	--	--	--	--	--	2,100	
Chicot Ldg., AR.....	564	R	--	--	--	--	--	--	22,381	
Catfish Point, MS.....	571	L	--	--	--	--	--	--	5,290	
Below Prentiss, MS.....	580	L	--	--	--	--	--	--	12,413	

**TABLE 41-I
(Continued)**

**BANK REVETMENTS AND DIKES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
					(2)	(3)				
Dikes:										
Above Ozark, AR-MS	580	R	--	--	--	--	--	--	5,545	
Malone Field, AR	585	R	--	--	--	--	--	--	7,549	
Terrene, MS	590	L	--	--	--	--	--	--	11,025	
White River Landing, AR	591	R	--	--	--	--	--	--	2,201	
Montgomery Towhead, AR	592	R	--	--	--	--	--	--	8,647	
Victoria Bend, AR	596	R	--	--	--	--	--	--	9,202	
Smith Point, MS	600	L	--	--	--	--	--	--	7,617	
Island 70, MS	608	L	--	--	--	--	--	--	26,355	
Total Dikes, Vicksburg District, Mississippi River			8,550 (1.62 Miles)	--	--	--	--	--	654,593 (123.98 Miles)	
Miles Above Mouth										
ARKANSAS RIVER⁴										
Standard Revetment:										
Menard Bend, AR	31	L	--	--	--	--	--	--	11,770	
Como, AR	34	R	--	--	--	--	--	--	11,720	
Morgan Bend, AR	36	L	--	--	--	--	--	--	5,250	
Yancopin, AR	24	R	--	--	--	--	--	--	2,800	
Total Standard Revetment, Arkansas River			--	--	--	--	--	--	31,540 (5.97 Miles)	

**TABLE 41-I
(Continued)**

**BANK REVETMENTS AND DIKES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Above Conflu- ence with Miss. River (Miles)	Bank R or L	Operations This FY Construction					<u>Maintenance</u> (Squares) ¹	Non- Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Exten- sion (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Dikes:					(2)	(3)				
Hopedale Cutoff, AR.....	30	R	--	--	--	--	--	--	1,848	
Morgan Bend, AR	36	L	--	--	--	--	--	--	3,658	
Fletcher Bend, AR.....	39	R	--	--	--	--	--	--	2,187	
Total Dikes, Arkansas River.....			--	--	--	--	--	--	7,693 (1.46 Miles)	
RED RIVER⁴										
Standard Revetment:										
Dupre, LA	69	R	--	--	--	--	--	--	2,690	
Bringol, LA	73	R	--	--	--	--	--	--	4,000	
Egg Bend, LA	75	R	--	--	--	--	--	--	2,400	
Cologne Bend, LA	77	R	--	--	--	--	--	--	650	
Roxana, LA	83	R	--	--	--	--	--	--	3,325	
Ryland, LA.....	88	R	--	--	--	--	--	--	3,925	
Whittington, LA	89	R	--	--	--	--	--	--	2,900	
Smith, LA.....	91	R	--	--	--	--	--	--	2,700	
Latanier, LA	93	R	--	--	--	--	--	--	2,460	
Hudson, LA.....	99	R	--	--	--	--	--	--	1,458	
Robert, LA	102	R	--	--	--	--	--	--	5,500	
Alexandria Front, LA	105	R	--	--	--	--	--	--	5,280	
Callahan, LA	110	R	--	--	--	--	--	--	4,000	
Cotton, LA	116	R	--	--	--	--	--	--	14,700	
Rapides, LA	119	R	--	--	--	--	--	--	1,030	
Boyce, LA	125	R	--	--	--	--	--	--	4,548	
Total Standard Revetment, Red River			--	--	--	--	--	--	61,566 (11.66 Miles)	

TABLE 41-I BANK REVETMENTS AND DIKES: VICKSBURG DISTRICT (FISCAL YEAR 2007)

Location	Above Confluence with Miss. River (Miles)	Bank R or L	Operations This FY Construction						Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement					
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹				
Dikes: ⁶					(2)			(3)			
Choctaw Bayou Bend, LA.....	71	R	--	--	--	--	--	--	--	2,000	
Bringol (Egg Bend), LA.....	73	R	--	--	--	--	--	--	--	2,477	
Egg Bend, LA	75	R	--	--	--	--	--	--	--	900	
Cologne Bend, LA	77	R	--	--	--	--	--	--	--	1,850	
Echo, LA	78	R	--	--	--	--	--	--	--	1,900	
Richardson, LA	79	R	--	--	--	--	--	--	--	2,700	
Alexandria, LA.....	105	R	--	--	--	--	--	--	--	--	
Bertrand, LA	122	R	--	--	--	--	--	--	--	7,630	
Dismal Swamp, LA.....	24	L	--	--	--	--	--	--	--	1,411	
Total Dikes, Red River			--	--	--	--	--	--	--	20,868 (3.95 Miles)	

1. Gross squares articulated concrete mattress (100 square feet).
2. Linear feet of dike which were raised.
3. Linear feet of dike on which repairs were made.
4. See report on Arkansas River and tributaries, AR and OK, under Little Rock District.
5. Mileages based on 1967 hydrographic survey.
6. Includes all types of dikes and retards.
7. Stone paving only.

TABLE 41-J

**BANK REVETMENTS AND DIKES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
MISSISSIPPI RIVER										
Standard Revetment:										
Big Island, AR.....	598	R	--	--	--	--	--	6,362	--	5,935
Scrubgrass Bend, AR.....	600	R	--	--	--	--	--	--	--	8,635
Henrico, AR.....	606	R	--	--	--	--	--	--	--	33,310
Cessions Towhead, AR.....	615	L	--	--	--	--	--	--	--	11,465
Island 67, MS.....	621	L	5,000	--	--	--	--	--	--	14,630
Island 68 Bar—										
Knowlton, AR.....	622	R	--	--	--	--	--	--	--	26,710
Ludlow, AR.....	626	R	--	--	--	--	--	--	--	10,390
Chute of Island 64, AR-MS.....	628	R	--	--	--	--	--	--	--	4,180 ⁷
Rescue Land, AR-MS.....	629	L	--	--	--	--	--	--	--	27,020
Fair Landing, AR.....	632	R	--	--	--	--	--	--	--	27,515
Burke Landing, MS.....	637	L	--	--	--	--	--	3,496	--	19,070
Island 62, AR.....	638	R	--	--	--	--	--	--	--	9,030
Island 63, MS.....	639	L	--	--	--	--	--	--	--	11,514
Island 63 Bar, MS.....	639	L	--	--	--	--	--	--	--	3,795
Oldtown Bend, AR.....	644	R	--	--	--	--	--	--	--	28,420
Horseshoe, MS.....	647	L	--	--	--	--	--	--	--	16,385
Westover, AR.....	650	R	--	--	--	2,281	7,403	15,068	--	15,640
Delta-Friars Point, MS.....	653	L	--	--	--	--	--	--	--	30,090
Helena, AR.....	660	R	--	--	--	--	--	--	--	36,460
Helena Towhead, AR.....	664	R	--	--	--	--	--	--	--	3,690
Trotters Landing, MS.....	665	L	--	--	--	--	--	--	--	38,685
Flower Lake, MS.....	667	L	--	--	--	--	--	--	--	16,385
St. Francis, AR.....	672	R	--	--	--	--	--	--	--	24,663
Harbert Point, MS.....	675	L	--	--	--	--	--	--	--	9,065
Walnut Bend, AR.....	680	R	--	--	--	--	--	--	--	31,070
Mhoon Bend, MS.....	685	L	--	--	--	--	--	--	--	46,340
Peters, AR.....	692	R	--	--	--	--	--	--	--	33,760
Commerce, MS.....	695	L	--	--	--	--	--	--	--	29,085
Porter Lake, AR.....	700	R	--	--	--	--	--	--	--	34,155

**TABLE 41-J
(Continued)**

**BANK REVETMENTS AND DIKES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Standard Revetment:										
Pickett, MS-AR	703	R	--	--	--	--	--	--	--	12,575
Seyppel, AR	709	R	--	--	--	--	--	--	--	4,830
Norfolk-Star, MS	711	L	--	--	--	--	--	7,496	--	39,505
Cow Island Bend, AR	714	R	--	--	--	--	--	--	--	22,274
Cow Island Bend (Upper), TN	716	R	--	--	--	--	--	--	--	8,623
Coahoma, TN	717	L	--	--	--	--	--	--	--	9,270
Ensley, TN	723	L	--	--	3,423 ⁹	--	--	--	--	46,256
Dismal Point, AR	724	R	--	--	--	--	--	--	--	7,200
Bauxippi-Wyanoke, AR	730	R	--	--	--	--	--	--	--	26,425
Presidents Island, TN	733	L	--	--	--	--	--	--	--	12,755
Hopefield Point, AR-TN	736	R	--	--	--	--	--	--	--	10,360
Loosahatchie-Memphis, TN	737	L	--	--	--	--	--	--	--	31,293
Loosahatchie Bar, TN	740	R	--	--	--	--	--	--	--	2,070
St. Clair, AR	742	R	--	--	--	--	--	--	--	2,930
Island 40, TN-AR	744	R	--	--	--	--	--	--	--	30,750
Brandywine, AR-TN	750	R	--	--	--	--	--	--	--	18,010
Shelby Forest, TN	753	L	--	--	--	--	--	--	--	9,545
Dean Island, AR	756	R	--	--	--	--	--	--	--	7,555
Cedar Point-Densford, TN	759	L	--	--	--	--	--	--	--	21,100
Chute of Island 35, TN	764	R	--	--	--	--	--	--	--	30,930
Richardson Ldg, TN	769	L	--	--	--	--	--	920	--	2,855
Lookout Bar, TN	772	R	--	--	--	--	--	--	--	2,990
Lookout, TN	774	R	--	--	--	--	--	--	--	5,005
Sunrise Towhead, TN	776	R	--	--	--	--	--	--	--	18,440
Driver Bar, TN	780	L	--	--	--	--	--	--	--	7,360
Lower Bullerton, AR	782	R	--	--	--	--	--	--	--	28,350
Kate Aubrey Towhead- Island 30, TN	786	R	--	--	--	--	--	--	--	30,808
Osceola Grions, AR	786	R	--	--	--	--	--	--	--	1,350 ³

**TABLE 41-J
(Continued)**

**BANK REVETMENTS AND DIKES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or R L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Standard Revetment:										
Osceola, AR	787	R	--	--	--	--	--	--	--	5,823
Ashport-Keyes Point, TN	791	L	--	--	--	--	--	--	--	44,232
Kate Aubrey, TN	793	R	--	--	--	--	--	--	--	2,500
Island 26, TN	798	R	--	--	--	--	--	--	--	15,690
Bend of Island 25, TN	803	L	--	--	--	--	--	--	--	32,385
Barfield, AR	808	R	--	--	--	--	--	--	--	52,335
Obion-Tamm, TN	819	L	1,820	60	4,601	--	--	--	--	55,651
Huffman-Hickman, AR-TN	826	R	--	--	--	--	--	--	--	29,764
Heloise, TN	831	L	--	--	--	--	--	--	--	17,935
Island 18, MO	836	R	--	--	--	--	--	--	--	30,490
Linwood Bend, TN	841	L	--	--	--	--	--	--	--	14,850
Blaker Towhead, TN	845	L	--	--	--	--	--	--	--	18,562
Bells Point, MO	845	R	--	--	--	--	--	--	--	5,420
Gayoso-Caruthersville, MO	848	R	--	--	--	--	--	--	--	25,600
Island 15, TN	851	L	--	--	--	--	--	--	--	3,630
Hathaway Landing, TN	852	L	--	--	--	--	--	--	--	1,000
Robinson Bayou, MO	852	R	--	--	--	--	--	--	--	22,630
Fritz Landing, TN	857	L	--	--	--	--	--	--	--	15,670
Lee Towhead, MO	859	L	--	--	--	--	--	--	--	9,640
Bend of Island 14, TN	859	L	--	--	--	--	--	--	--	15,830
Above Lee Towhead, TN	861	L	--	--	--	--	--	--	--	4,943
Little Cypress, MO	864	R	--	--	--	--	--	--	--	40,140
Merriwether-Cherokee, TN	869	L	--	--	--	--	--	--	--	41,058
Linda, MO	876	R	--	--	--	--	--	--	--	20,000
Below Toney's Towhead, TN	879	L	--	--	--	--	--	--	--	20,895
Toney's Towhead, KY-TN	882	L	--	--	--	--	--	--	--	13,640
Kentucky Point, KY	887	L	--	--	--	--	--	--	--	7,960
New Madrid Bar, KY	888	R	--	--	--	--	--	--	--	16,825

**TABLE 41-J
(Continued)**

**BANK REVETMENTS AND DIKES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Standard Revetment:										
New Madrid Bend, MO.....	889	R	--	--	--	--	--	--	--	43,262
La Forge, MO.....	892	R	--	--	--	--	--	--	--	24,930
Slough Landing Neck, TN-KY	899	L	--	--	--	--	--	--	--	37,520
Winchester Towhead, MO.....	900	R	--	--	--	--	--	--	--	5,540
Island 9, KY-TN	905	L	--	--	--	--	--	--	--	33,585
Milton Bell, MO.....	908	R	--	--	--	--	--	--	--	16,600
Chute of Island 8, KY	913	L	--	--	--	--	--	--	--	12,620
Bend of Island 8, MO.....	914	R	--	--	--	--	--	--	--	39,945
Island 8, KY	914	R	--	--	--	--	--	--	--	18,515
Hickman-Reelfoot, KY	919	L	--	--	--	--	--	--	--	46,399
Hickman Bar, KY.....	921	L	--	--	--	--	--	--	--	1,940
Beckwith Bend, MO.....	924	R	--	--	--	--	--	--	--	20,155
Williams, KY	927	L	--	--	--	--	--	--	--	10,015
Wolf Island, KY	934	R	--	--	--	--	--	--	--	22,495
Columbus, KY.....	937	L	--	--	--	--	--	--	--	7,395
Belmont, MO	938	R	--	--	--	--	--	--	--	5,785
Island 3 and 4, KY	940	R	--	--	--	--	--	--	--	19,970
Campbell, KY	943	L	--	--	--	--	--	--	--	6,865
Pritchard, MO.....	948	R	--	--	--	--	--	--	--	15,045
Mayfield Creek, KY	949	L	--	--	--	--	--	--	--	8,935
Wickliffe, KY.....	953	L	--	--	--	--	--	--	--	16,150
Cache-Cairo, IL (Ohio River).....	958	R	--	--	--	--	--	11,602	--	29,927
Total Revetment, Memphis District, Mississippi River.....			6,820 (1.3 Miles)	60	8,024	2,281	7,403	37,448	--	2,087,197 (395.30 Miles)

41-70

**TABLE 41-J
(Continued)**

**BANK REVETMENTS AND DIKES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or R L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Dikes:					(⁸)		(⁶)			
Big Island Bendway Weirs, AR.....	600	R	--	--	--	--	--	--	4,105	
Henrico, AR	603	R	--	--	--	--	--	--	9,080	
Below Knowlton, AR	616	R	--	--	--	--	475	--	21,810	
Island 67, MS	621	L	--	--	--	--	--	--	4,320	
Below Ludlow, AR.....	624	R	--	--	--	--	--	--	5,040	
Sunflower, AR.....	627	L	--	--	--	--	--	--	5,520	
Island 64, AR.....	630	R	--	--	--	--	--	--	7,330	
Rescue Landing, MS	631	L	--	--	--	--	--	--	2,530	
Island 62, AR.....	638	R	--	--	--	--	--	--	23,180	
Island 63 Bar, MS.....	639	L	--	--	--	--	--	--	2,600	
Island 63, MS	640	L	--	--	--	--	--	--	5,640	
Old Town Bend, MS.....	646	R	--	--	--	--	300	--	1,195	
Kangaroo Point, AR	649	R	--	--	--	--	--	--	6,580	
Friars Point, MS	652	L	--	--	--	--	300	--	6,870	
Montezuma Bar, MS	657	L	--	--	--	--	--	--	17,970	
Montezuma Towhead, AR.....	656	R	--	--	--	--	525	--	6,700	
Prairie Point, AR	668	R	--	--	--	--	--	--	10,391	
Flower Lake, MS.....	668	L	--	--	--	--	--	--	11,060	
St. Francis Towhead	671	L	--	--	--	--	--	--	3,380	
Below Walnut Bend, AR	676	R	--	--	--	--	--	--	8,340	
Boreaux Point, MS	681	L	--	--	--	--	--	--	10,730 ²	
Walnut Bend, AR.....	682	R	--	--	--	--	--	--	6,390	
Peters, AR.....	693	R	--	--	--	--	--	--	7,830	
Commerce, MS	694	L	--	--	--	--	--	--	10,745	
Basket Bar, AR.....	696	R	--	--	--	--	--	--	6,340	
Buck Island, MS.....	700	L	--	--	--	--	--	--	4,705	
Porter Lake, AR.....	701	R	--	--	--	--	--	--	23,115	
Pickett, MS.....	704	L	--	--	--	--	--	--	10,080	
Seyppel, AR	706	R	--	--	--	--	--	--	16,230	
Cat Island , AR.....	710	R	--	--	--	--	--	--	1,380	

**TABLE 41-J
(Continued)**

**BANK REVETMENTS AND DIKES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Dikes:					(⁸)		(⁶)			
Island 47, MS	713	L	--	--	--	--	--	--	16,355	
Coahoma, TN	718	L	--	--	--	--	--	--	4,640	
Armstrong, AR-TN	720	R	--	--	--	--	--	--	21,240	
Below Ensley, TN	721	L	--	--	--	--	--	--	915	
Dismal Point, AR	724	R	--	--	--	--	--	--	30,950	
Engineers Bar, AR	734	R	--	--	--	--	--	--	4,155	
Hopefield Point, AR	736	R	--	--	--	--	--	--	5,350	
Memphis Front, TN	736	L	--	--	--	--	--	--	6,300	
Robinson Crusoe, TN	738	R	--	--	--	--	--	--	21,939	
Loosahatchie Bar, TN	739	R	--	--	--	--	--	--	3,950	
Sycamore Chute, AR-TN	741	R	--	--	--	--	--	--	6,725	
Above Loosahatchie, TN	742	L	--	--	--	--	--	--	12,295	
Redman Point, AR	743	R	--	--	--	--	--	--	7,750	
Randolph Point, TN	747	L	--	--	--	--	--	--	16,940	
Poker Point, AR	748	R	--	--	--	--	--	--	8,060	
Shelby Forest, TN	751	L	--	--	--	--	--	--	5,540	
Corona Bar, TN-AR	755	R	--	--	--	--	--	--	9,400	
Densford, TN	757	L	--	--	--	--	--	--	7,780	
Cedar Point, TN	759	L	--	--	--	--	--	--	2,890	
Below Richardson Landing, TN	767	L	--	--	--	--	--	--	5,950	
Lookout, TN-AR	771	R	3,465	--	3,270	--	475	--	20,130	
Randolph, TN	772	L	1,920	--	950	--	--	--	17,005	
Hatchie Towhead, TN	773	L	--	--	--	--	--	--	3,300	
Below Sunrise, AR	774	R	1,975	--	--	--	--	--	1,975	
Driver Bar, AR	780	L	--	--	--	--	--	--	6,360	
Lower Bullerton, AR	781	R	2,815	--	--	--	--	--	2,815	
Plum Point, TN	784	L	--	--	--	--	--	--	10,195	
Lake Neark, AR	786	R	--	--	--	--	--	--	2,545	
Island 30	787	R	--	--	--	--	--	--	5,485	
Kate Aubrey, TN	791	R	--	--	--	--	--	--	12,260	

**TABLE 41-J
(Continued)**

**BANK REVETMENTS AND DIKES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY Construction					Maintenance (Squares) ¹	Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			New Work			Reinforcement				
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹	(Linear Feet)	(Squares) ¹			
Dikes:					(⁸)		(⁶)			
Keyes Point, TN	791	L	--	--	--	--	--	--	31,210	
Ashport-Goldust, TN-AR	795	R	--	--	--	--	--	--	17,330	
Forked Deer, TN.....	798	L	--	--	--	--	--	--	9,540	
Island 25, AR.....	804	R	--	--	--	--	--	--	5,450	
Nebraska Point, TN	808	L	--	--	--	--	--	--	12,149	
Below Tamm Bend, TN.....	813	L	--	--	--	--	--	--	8,300	
Wrights Point, AR	820	R	--	--	--	--	--	--	34,775	
Island 21, Chute, TN	824	L	--	--	--	--	--	--	3,170	
Head of Island 21, TN	828	L	--	--	--	--	--	--	15,540	
Island 20, MO-TN	831	R	--	--	--	--	--	--	21,969	
Island 18, TN.....	837	L	--	--	--	--	--	--	8,670	
Tennemo, TN.....	842	L	--	--	--	--	--	--	8,240	
Blaker Towhead, TN	843	L	--	--	--	--	--	--	4,080	
Caruthersville-Linwood Bend, MO	844	R	--	--	--	--	--	--	30,590	
Opposite Caruthersville, TN.....	846	L	--	--	--	--	--	--	3,300	
Sandy Hook, TN.....	850	R	--	--	--	--	--	--	2,350	
Island 15, TN.....	851	L	--	--	--	--	--	--	8,830	
Robinson Bayou, MO.....	853	R	--	--	--	--	--	--	10,768	
Hathaway, TN	854	L	--	--	--	--	--	--	27,355	
Island 15 Neck, TN	854	L	--	--	--	--	--	--	21,100	
Above Lee Towhead, TN.....	859	L	--	--	--	--	--	--	1,300	
Below Cherokee, TN.....	866	L	395	--	--	--	428	--	6,625	
Stewart Towhead, MO.....	871	R	3,720	--	--	--	398	--	23,160	
Ruddles Point, MO.....	874	R	--	--	--	--	--	--	8,130	
Island 11, MO.....	882	R	--	--	--	--	--	--	14,330	
New Madrid Bend, MO.....	887	R	--	--	--	--	--	--	1,715	
Kentucky Point, KY	887	L	--	--	--	--	--	--	15,610	
Morrison Towhead, MO	890	R	--	--	--	--	--	--	1,070	
Hotchkiss Bend, MO	895	R	--	--	--	--	--	--	14,208	
Slough Landing, KY	896	L	--	--	--	--	--	--	5,065	

**TABLE 41-J
(Continued)**

**BANK REVETMENTS AND DIKES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Above Head of Passes (Miles)	Bank or L	Operations This FY						Non-Operative Since Prior FY (Linear Feet)	Operative Thru This FY (Linear Feet)
			Construction			Maintenance (Squares) ¹	Reinforcement			
			Extension (Linear Feet)	Lap (Linear Feet)	(Squares) ¹		(Linear Feet)	(Squares) ¹		
Dikes:					(⁸)		(⁶)			
Below Island 9, TN	901	L	--	--	--	--	--	--	21,989	
Donaldson Point, MO.....	905	R	--	--	--	--	--	--	24,275	
Island 9, KY	906	L	--	--	--	--	--	--	7,010 ⁵	
Island 7 - Island 8, MO-KY.....	917	R	--	--	--	--	--	--	15,345	
Below Williams, KY	925	L	--	--	--	--	--	--	3,640	
Moore Island, KY-MO	929	R	--	--	--	--	--	--	10,790	
Above Williams, KY	930	L	--	--	--	--	--	--	1,150	
Wolf Island Bar, KY.....	933	L	--	--	--	--	--	--	12,260	
Campbell, KY	942	L	--	--	--	--	200	--	2,610	
Pritchard, MO.....	944	R	--	--	--	--	--	--	9,390	
Island 1, KY	948	L	--	--	--	--	500	--	18,545	
Total Dikes										
Memphis District,										
Mississippi River.....			14,290	0	4,220	0	0	2,901	0	
			(2.71)						(197.98 Miles)	

1. Gross squares articulated concrete mattress (100 square feet).
2. Changed to correct previous errors.
3. Lumber mattress revetment.
4. Rock Groins.
5. Linear feet of triangular frame retards and pile dikes.

6. Linear feet of dike on which repairs were made.
7. Stone paving only.
8. Linear feet of dike which were raised.
9. ACM placed at location previously reported as stone paving only. No new length.
10. Squares of R400 riprap placed, 25,865 tons.
11. Linear feet of bank protected by stone hard points (25).

41-74

TABLE 41-K

PROJECT LEVELS: NEW ORLEANS DISTRICT
(FISCAL YEAR 2007)

Location	Levees and Floodwalls (Miles)												
	Built to Approved Grade and Section					Berm ¹ (Miles)				Surfaced Roads on Levees (Miles)			
	Authorized for System	Total in Place This FY	This FY	Total Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction
MAIN STEM LEVEES													
Mississippi River Levees													
Fifth Louisiana Levee District	(16.8)	(13.3)	--	(13.3)	--	--	--	--	--	(15.5)	--	(15.5)	--
Levees.....	15.5	12.0	--	12.0	--	--	--	--	--	15.5	--	15.5	--
Old River structures and levees	1.3	1.3	--	1.3	--	--	--	--	--	--	--	--	--
Atchafalaya Basin Levee District	(126.3)	(122.7)	--	(122.7)	--	(1.0)	--	(1.0)	--	(118.7)	--	(118.7)	--
Levees.....	118.7	115.1	--	115.1	--	1.0	--	1.0	--	118.7	--	118.7	--
Morganza structure and levee.....	0.8	0.8	--	0.8	--	--	--	--	--	--	--	--	--
Morganza forebay levee	6.7	6.7	--	6.7	--	--	--	--	--	--	--	--	--
Port Allen lock.....	0.1	0.1	--	0.1	--	--	--	--	--	--	--	--	--
Lafourche Basin Levee District Levees.....	61.7	61.7	--	61.7	--	0.1	--	0.1	--	61.7	--	61.7	--
Plaquemines West Levee District Levees.....	37.9	37.9	--	37.9 ²	--	--	--	--	--	37.9	--	37.9	--
Buras Levee District.....	(34.1)	(34.1)	--	(34.1)	--	--	--	--	--	(34.0)	--	(34.0)	--
Levees.....	34.0	34.0	--	34.0 ²	--	--	--	--	--	34.0	--	34.0	--
Empire lock	0.1	0.1	--	0.1	--	--	--	--	--	--	--	--	--
Baton Rouge front levees.....	2.1	2.1	0.2	2.1	--	--	--	--	--	2.1	--	2.1	--
Pontchartrain Levee District	(124.9)	(124.9)	--	(124.9)	--	(0.1)	--	--	--	(110.8)	--	(110.8)	--
Levees.....	110.8	110.8	--	110.8	--	0.1	--	--	--	110.8	--	110.8	--
Bonnet Carré guide levees	11.3	11.3	--	11.3	--	--	--	--	--	--	--	--	--
Bonnet Carré forebay levee.....	1.3	1.3	--	1.3	--	--	--	--	--	--	--	--	--
Bonnet Carré structure	1.5	1.5	--	1.5	--	--	--	--	--	--	--	--	--
East Jefferson Levee District Levees.....	11.6	11.6	--	10.8	--	--	--	--	--	11.6	--	11.6	--
West Jefferson Levee District Levees.....	(20.0)	(20.0)	--	(20.0)	--	--	--	--	--	(19.9)	--	(19.9)	--
Levees.....	19.8	19.8	--	19.8	--	--	--	--	--	19.8	--	19.8	--
Floodwalls	0.1	0.1	--	0.1	--	--	--	--	--	0.1	--	0.1	--
Harvey Canal Lock	0.1	0.1	--	0.1	--	--	--	--	--	--	--	--	--

41-75

MISSISSIPPI RIVER COMMISSION

**TABLE 41-K
(Continued)**

**PROJECT LEVELS: NEW ORLEANS DISTRICT
(FISCAL YEAR 2007)**

Location	Levees and Floodwalls (Miles)												
	Built to Approved Grade and Section					Berm ¹ (Miles)				Surfaced Roads on Levees (Miles)			
	Authorized for System	Total in Place This FY	This FY	Total Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction
Orleans Levee District.....	(27.2)	(27.2)	--	(24.9)	--	--	--	--	--	(18.4)	--	(18.4)	--
Left descending, east bank	(13.3)	(11.0)	--	(11.0)	--	--	--	--	--	(4.6)	--	(4.6)	--
Levees	4.6	4.6	--	2.3	--	--	--	--	--	4.6	--	4.6	--
Floodwalls	8.6	8.6	--	8.6	--	--	--	--	--	--	--	--	--
IHNC lock	0.1	0.1	--	0.1	--	--	--	--	--	--	--	--	--
Right descending, west bank	(13.9)	(13.9)	--	(13.9)	--	--	--	--	--	(13.8)	--	(13.8)	--
Levees	13.8	13.8	--	13.8	--	--	--	--	--	13.8	--	13.8	--
Algiers Canal lock	0.1	0.1	--	0.1	--	--	--	--	--	--	--	--	--
Lake Borgne Basin Levee District Levees	11.6	11.6	--	11.6	--	--	--	--	--	11.6	--	11.6	--
Grand Prairie Levee District Levees	37.4	37.4	--	37.4	--	--	--	--	--	37.4	--	37.4	--
Total Mississippi River	511.6	501.2	0.2	501.4	--	1.2	--	1.1	--	479.6	--	479.6	--
Other Levees Included in Main Stem													
Louisiana State Pen Levee	12.1	12.1	0	12.1	--	--	--	--	--	--	--	--	--
Atchafalaya Basin Atchafalaya River and Bayou des Glaises	(148.4)	(148.4)	--	(143.3)	--	--	--	--	--	(148.4)	--	(148.4)	--
East Bank Atchafalaya River.....	52.5	52.5	--	52.5	--	--	--	--	--	52.5	--	52.5	--
Bayou des Glaises	7.9	7.9	--	7.9	--	--	--	--	--	7.9	--	7.9	--
West Bank Atchafalaya River.....	60.1	60.1	--	55.0	--	--	--	--	--	60.1	--	60.1	--
Simmesport Ring	1.6	1.6	--	1.6	--	--	--	--	--	1.6	--	1.6	--
Melville Ring	4.1	4.1	--	4.1	--	--	--	--	--	4.1	--	4.1	--
Krotz Springs Ring	1.7	1.7	--	1.7	--	--	--	--	--	1.7	--	1.7	--
Mansura Hills to Hamburg	20.5	20.5	--	20.5	--	--	--	--	--	20.5	--	20.5	--
West protection levee, Hamburg to Berwick drainage canal via Calumet.....	128.7	128.7	4.5	116.8	--	--	--	--	--	128.7	--	128.4	--
Levees west of Berwick, Berwick drainage canal to Charenton drainage canal	56.5	56.5	6.2	46.2	--	--	--	--	--	56.5	--	56.5	--
Morganza upper guide levee	8.9	8.9	--	8.9	--	--	--	--	--	8.9	--	8.9	--

41-76

**TABLE 41-K
(Continued)**

**PROJECT LEVELS: NEW ORLEANS DISTRICT
(FISCAL YEAR 2007)**

Location	Levees and Floodwalls (Miles)												
	Built to Approved Grade and Section					Berm ¹ (Miles)				Surfaced Roads on Levees (Miles)			
	Authorized for System	Total in Place This FY	This FY	Total Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction
East Protection levee, Morganza to Cutoff Bayou, including 19.5 miles of Morganza lower guide levee.....	106.7	106.7	3.1	100.8	--	--	--	--	--	105.0	--	86.0	--
Total Atchafalaya Basin	449.2	449.2	--	416.0	6.9	--	--	--	--	447.5	--	428.2	--
Total Other Levees Included in Main Stem	461.3	461.3	14.0	428.1	--	--	--	--	--	447.5	--	428.2	--
Total-Main Stem Levees	972.9	972.9	14.2	929.5	--	1.2	--	1.1	--	927.1	--	907.8	--
TRIBUTARY LEVEES IN MR&T PROJECT													
Lake Pontchartrain, LA.....	(17.4)	(17.4)	(--)	(17.4)	(--)	(--)	(--)	(--)	(--)	(17.4)	(--)	(17.4)	(--)
Item A levees	5.0	5.0	--	5.0	--	--	--	--	--	5.0	--	5.0	--
Item B levees	10.1	10.1	--	10.1	--	--	--	--	--	10.1	--	10.1	--
Item C levees	2.3	2.3	--	2.3	--	--	--	--	--	2.3	--	2.3	--
Total Tributary Levees in MR&T Project.....	17.4	17.4	--	17.4	--	--	--	--	--	17.4	--	17.4	--
GRAND TOTAL	990.3	990.3	4.4	946.9	14.8	1.2	--	1.1	--	944.5	--	925.2	--

1. Landside seepage berms only.
2. Changed to correct previous error.

TABLE 41-L

PROJECT LEVEES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)

Location	Levees and Floodwalls (Miles)												
	Built to Approved Grade and Section					Berm ¹ (Miles)				Surfaced Roads on Levees (Miles)			
	Authorized for System	Total in Place This FY	This FY	Total Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction
MAIN STEM LEVEES													
Mississippi River Levees													
East bank in Mississippi.....	178.3 ⁴	178.3	5.1	132.3	8.8	156.9	--	135.0	--	174.2	--	174.2	8.8
Greenville Harbor dikes	7.8	7.8	--	7.8	--	--	--	--	--	2.7	--	2.7	--
West bank in Arkansas	75.6	75.6	--	55.0	--	61.3	--	54.3	--	75.4	--	75.4	--
West bank in Louisiana (above Red River)	<u>198.7</u>	<u>198.7</u>	<u>7.2</u>	<u>104.0</u>	<u>7.6</u>	<u>91.0</u>	<u>--</u>	<u>74.9</u>	<u>--</u>	<u>197.8</u>	<u>--</u>	<u>197.8</u>	<u>7.6</u>
Total Mississippi River Levees	460.4	460.4	12.3	299.1	16.4	309.2	--	264.2	--	450.1	--	450.1	16.4
Other Levees Included in Main Stem													
Lower Red River-South Bank Red River levees.....	(59.2)	(59.2)	(--)	(59.2)	(--)	(--)	(--)	(--)	(--)	(59.2)	(--)	(59.2)	(--)
Hotwells to Moncla, LA, levees	59.2	59.2	--	59.2	--	--	--	--	--	59.2	--	59.2	--
Arkansas River, South Bank	<u>85.4</u>	<u>85.4</u>	--	<u>85.4</u>	--	<u>24.7</u>	<u>--</u>	<u>24.7</u>	<u>--</u>	<u>84.1</u>	<u>--</u>	<u>81.1</u>	<u>--</u>
Total Other Levees Included in Main Stem	<u>144.6</u>	<u>144.6</u>	<u>--</u>	<u>144.6</u>	<u>--</u>	<u>24.7</u>	<u>--</u>	<u>24.7</u>	<u>--</u>	<u>143.3</u>	<u>--</u>	<u>140.3</u>	<u>--</u>
Total-Main Stem Levees	605.0	605.0	14.5	438.4	24.8	333.9	--	288.9	--	593.4	--	590.4	16.4
TRIBUTARY LEVEES IN MR&T PROJECT													
Arkansas River, North Bank	61.5 ⁵	56.2	--	56.2	--	8.3	--	8.3	--	47.4	--	47.4	--
Red River Backwater Levees.....	263.6	246.9 ⁷	--	246.9 ⁷	--	--	--	--	--	246.9 ⁷	--	246.9 ⁷	--

41-78

**TABLE 41-L
(Continued)**

**PROJECT LEVEES: VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Levees and Floodwalls (Miles)				Currently Under Con- struction	In System When Com- pleted	Berm ¹ (Miles)			Surfaced Roads on Levees (Miles)			
	Authorized for System	Built to Approved Grade and Section		Total in Place This FY			Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction	
		Total Thru This FY	This FY										Built This FY
Yazoo River Basin	624.1	(427.4)	(--)	(237.6)	(--)	(--)	(--)	(--)	(--)	(624.1)	(--)	(338.9)	--
Headwater.....	527.5	375.8	--	186.0	--	--	--	--	--	527.5	--	299.9	--
Backwater.....	<u>96.6</u>	<u>51.6</u>	--	<u>51.6</u>	--	--	--	--	--	<u>96.6</u>	--	<u>39.0</u>	--
Total Tributary Levees in MR&T Project.....	<u>949.2</u>	<u>730.5</u>	--	<u>540.7</u>	--	<u>8.3</u>	--	<u>8.3</u>	--	<u>918.4</u>	--	<u>633.2</u>	--
GRAND TOTAL.....	1,554.2	1,335.5	5.1	951.0	38.1	342.2	--	297.2	--	1,511.8	--	1,223.6	38.1

1. Landside seepage berms only.
2. Levee that has adequate freeboard based on the refined 1973 MR&T project flood flow line for the Mississippi River. Levees with more than 2 feet of freeboard are considered adequate.
3. Subject to change as planning progresses. Does not include existing berms which need restudy.
4. Includes 1.4 miles of concrete floodwall and 0.3 mile of levee on Vicksburg city front.
5. Includes 5.3 miles for Gillett new levee.
6. Relief wells used in place of berms.
7. Changed to correct previous error.

TABLE 41-M

PROJECT LEVEES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)

Location	Levees and Floodwalls (Miles)												
	Authorized for System	Built to Approved Grade and Section				Berm ⁵ (Miles)				Surfaced Roads on Levees (Miles)			
		Total in Place This FY	This FY	Total Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction
MAIN STEM LEVEES													
Mississippi River													
Mounds, IL	3.9	3.9	--	3.9	--	0.5	--	0.5	--	3.6	--	3.6	--
Mound City, IL	2.7	2.7	--	2.7	--	2.5	--	2.5	--	1.1	--	1.1	--
Cairo Drainage District, IL	13.8 ²	13.8	--	7.8	--	1.6	--	--	--	8.5	--	8.5	--
City of Cairo, IL	6.2	6.2	--	2.2 ⁴	--	4.4	--	2.0	--	4.0	--	3.5	--
Little River Drainage District, MO	19.3	19.3	--	19.3	--	9.7	1.4	6.3	--	19.3	--	19.3	--
Levee District No. 2, Scott County, MO	13.8	13.8	--	13.8	--	4.8	--	4.8	--	13.8	--	13.8	--
Levee District No. 3, Mississippi County, MO	26.0	26.0	--	26.0	--	12.9	--	4.9	--	26.0	--	26.0	--
St. Johns Levee and Drainage District, MO	59.0 ³	58.7	--	58.2	--	9.2	--	--	--	46.9	--	46.1	--
St. Francis Levee District of MO	55.7	55.7	--	48.7 ⁴	--	23.0	--	12.0	--	55.1	--	55.1	--
City of Hickman, KY	1.4	1.4	--	1.4	--	--	--	--	--	0.5	--	--	--
Board of Levee Commissioners Fulton, County, KY	16.7	16.7	--	16.7	--	15.1	--	11.4	--	16.3	--	16.3	--
Reelfoot Levee District of Lake and Obion Counties, TN	4.5	4.5	--	4.5	--	0.6	--	0.3	--	4.5	--	4.3	--
Madrid Bend Levee District, Lake Co., TN	5.2	5.2	--	5.2	--	--	--	--	--	5.2	--	5.2	--
Lake County Levee and Drainage District, TN	17.0	17.0	--	17.0	--	9.6	--	9.4	--	17.0	--	17.0	--
Dyer County Levee and Drainage District No. 1, TN	21.3	21.3	--	21.3	--	1.3	--	0.4	--	21.3	--	21.3	--
Tipton-Obion levee extension	6.5	--	--	--	--	--	--	--	--	6.5	--	--	--
St. Francis Levee District of AR	156.7	156.7	--	153.2	--	89.2	--	88.4	--	156.7	--	156.7	--
Helena Improvement District No. 1, AR	5.3	5.3	--	5.3	--	2.4	--	2.4	--	4.7	--	4.2	--
Cotton Belt Levee District No. 1, AR	23.9	23.9	--	23.9	--	19.4	--	19.4	--	23.9	--	23.9	--

**TABLE 41-M
(Continued)**

**PROJECT LEVEES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Levees and Floodwalls (Miles)												
	Built to Approved Grade and Section					Berm ⁵ (Miles)			Surfaced Roads on Levees (Miles)				
	Authorized for System	Total in Place This FY	This FY	Total Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction
Laconia Drainage and Levee District Phillips County, AR.....	20.5	20.5	--	20.5	--	11.5	--	11.5	--	20.5	--	20.5	--
Laconia Levee District No. 1 of Deshna County, AR.....	18.1	18.1	--	18.1	--	12.6	--	9.2	--	16.5	--	16.5	--
Laconia Circle Special Drainage District of Deshna County, AR.....	6.6	6.6	--	6.6	--	--	--	--	--	--	--	--	--
Yazoo-Mississippi Delta Levee District, MS.....	93.6	93.6	--	93.6	--	88.6	--	88.6	--	93.6	--	93.6	--
Madrid Bend L.D., Fulton Co., KY.	4.8	4.8	--	4.8	--	--	--	--	--	4.8	--	4.8	--
Birds Point-New Madrid setback levee, MO.....	<u>35.3</u>	<u>35.3</u>	--	<u>35.3</u>	--	<u>23.8</u>	--	--	--	<u>35.3</u>	--	<u>35.3</u>	--
Total Mississippi River.....	637.8	631.0	--	607.5	--	342.7	--	272.6	--	605.6	--	596.6	--
TOTAL MAIN STEM LEVEES.....	637.8	631.0	--	607.5	--	342.7	--	272.6	--	605.6	--	596.6	--
TRIBUTARY LEVEES IN MR&T PROJECT													
St. Francis River.....	(308.2)	(302.9)	--	(302.9)	--	--	--	--	--	(301.0)	--	(133.5)	--
East bank.....	159.5	156.2	--	156.2	--	--	--	--	--	156.7	--	94.7	--
West bank.....	148.7	146.7	--	146.7	--	--	--	--	--	144.3	--	38.8	--
Little River.....	(130.1)	(130.1)	--	(130.1)	--	--	--	--	--	(128.9)	--	(94.5)	--
East bank (left).....	40.7	40.7	--	40.7	--	--	--	--	--	40.7	--	40.1	--
West bank.....	35.1	35.1	--	35.1	--	--	--	--	--	35.1	--	23.7	--
Elk Chute.....	39.9	39.9	--	39.9	--	--	--	--	--	39.7	--	17.3	--
West Basin and middle valley.....	14.4	14.4	--	14.4	--	--	--	--	--	13.4	--	13.4	--
Lower White River.....	(95.6)	(85.9)	--	(84.1)	--	--	--	--	--	(94.0)	(--)	(81.0)	--
White River backwater levee.....	40.2	40.2	--	40.2	--	--	--	--	--	38.8	--	38.8	--
Augusta to Clarendon.....	49.2	39.5	--	39.5	--	--	--	--	--	49.2	--	36.2	--
Clarendon levee.....	6.2	6.2	--	4.4	--	--	--	--	--	6.0	--	6.0	--

41-81

MISSISSIPPI RIVER COMMISSION

**TABLE 41-M
(Continued)**

**PROJECT LEVEES: MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Levees and Floodwalls (Miles)												
	Built to Approved Grade and Section					Berm ⁵ (Miles)				Surfaced Roads on Levees (Miles)			
	Authorized for System	Total in Place This FY	This FY	Total Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction
Memphis Harbor	10.5	10.5	--	10.5	--	7.0	--	7.0	--	10.5	--	10.5	--
Total Tributary Levees in MR&T Project.....	544.4	529.4	--	527.6	--	7.0	--	7.0	--	534.4	--	319.5	--
GRAND TOTAL.....	1,182.2	1,160.4	--	1,135.0	--	349.7	--	279.6	--	1,140.0	--	916.1	--

1. Subject to change as planning progresses.
2. Includes 5.1 miles of Cache River levee. This levee was enlarged to 1928 grades with Federal funds, but since that time has been classified as a secondary levee.
3. Includes 12.1 miles of Farrenburg levee. This levee was enlarged to 1928 grades with Federal funds, but since that time has been classified as a secondary levee.
4. Deficient in freeboard as a result of 1996 Revised Project Design Flood flowline.
5. Landside seepage berms only.
6. Changed to correct previous error.

TABLE 41-N

**RECAPITULATION
PROJECT LEVEE TABLES 41-K, -L, AND -M
(FISCAL YEAR 2007)**

Location	Levees and Floodwalls (Miles)												
	Built to Approved Grade and Section					Berm ⁵ (Miles)			Surfaced Roads on Levees (Miles)				
	Authorized for System	Total in Place This FY	This FY	Total Thru This FY	Currently Under Construction	In System When Completed	Built This FY	Complete Thru This FY	Currently Under Construction	In System When Completed	Built This FY	Total Complete Thru This FY	Currently Under Construction
MAIN STEM LEVEES													
Mississippi River													
New Orleans District,													
Table 41-K.....	511.6	511.6	0.2	501.4	--	1.2	--	1.1	--	479.6	--	479.6	--
Vicksburg District, Table 41-L.....	460.4	460.4	12.3	299.1	16.4	309.2	--	264.2	--	450.1	--	450.1	16.4
Memphis District, Table 41-M.....	637.8	631.0	--	607.5	--	342.7	1.4	274.0	--	605.6	--	596.6	--
Total Mississippi River.....	1,609.8	1,603.0	12.5	1,408.0	16.4	653.1	1.4	539.3	--	1,535.3	--	1,526.3	16.4
Other Levees Included in Main Stem													
Atchafalaya Basin Floodway--													
NOD	449.2	449.2	3.1	416.0	6.9	--	--	--	--	447.5	--	428.2	--
Louisiana State Pen Levee--													
NOD	12.1	12.1	--	12.1	--	--	--	--	--	--	--	--	--
Lower Red River-South Bank--													
VXD	59.2	59.2	--	59.2	--	--	--	--	--	59.2	--	59.2	--
Arkansas River-South Bank--													
VXD	85.4	85.4	--	85.4	--	24.7	--	24.7	--	84.1	--	81.1	--
Total Other Levees Included in Main Stem.....													
	605.9	605.9	--	572.7	6.9	24.7	--	24.7	--	590.8	--	568.5	--
Total Main Stem Levees.....	2,215.7	2,208.9	15.6	1,980.7	23.3	677.8	1.4	564.0	--	2,126.1	--	2,094.8	16.4
TRIBUTARY LEVEES IN MR&T PROJECT													
Lake Pontchartrain, LA,--NOD													
	17.4	17.4	--	17.4	--	--	--	--	--	17.4	--	17.4	--
Yazoo River Basin—VXD													
	624.1	427.4	--	237.6	--	--	--	--	--	624.1	--	338.9	--
Arkansas River-North Bank--													
VXD	61.5	56.2	--	56.2	--	8.3	--	8.3	--	47.4	--	47.4	--
Red River Backwater—VXD.....													
	263.6	246.9	--	246.9 [†]	--	--	--	--	--	246.9 [†]	--	246.9 [†]	--
St. Francis River—MD													
	308.2	302.9	--	302.9	--	--	--	--	--	301.0	--	133.5	--

**TABLE 41-N
(Continued)**

**RECAPITULATION
PROJECT LEVEE TABLES 41-K, -L, AND -M
(FISCAL YEAR 2007)**

Location	Levees and Floodwalls (Miles)												
	Built to Approved Grade and Section					Berm ⁵ (Miles)				Surfaced Roads on Levees (Miles)			
	Authorized for System	Total in Place This FY	This FY	Total Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Com- plete Thru This FY	Cur- rently Under Con- struction	In System When Com- pleted	Built This FY	Total Com- plete Thru This FY	Cur- rently Under Con- struction
Little River--MD	130.1	130.1	--	130.1	--	--	--	--	--	128.9	--	94.5	--
Lower White River—MD	95.6	85.9	--	84.1	--	--	--	--	--	94.0	--	81.0	--
Memphis Harbor--MD	10.5	10.5	--	10.5	--	7.0	--	7.0	--	10.5	--	10.5	--
Total Tributary Levees in MR&T Project	<u>1,511.0</u>	<u>1,277.3</u>	--	<u>1,085.7</u>	--	<u>15.3</u>	--	<u>15.3</u>	--	<u>1,470.2</u>	--	<u>970.1</u>	--
Grand Total in Project	3,726.7	3,486.2	15.6	3,066.4	23.3	691.2	1.4	579.3	--	3,596.3	0	3,064.9	16.4

1. Landside seepage berms only.
2. Subject to change as planning progresses.
3. 1996 Revised Project Design Flood flowline identified freeboard deficiencies.
4. Changed to correct previous error.
5. Relief wells have been used in lieu of seepage berms in some reaches of the Miss. River Levees.

MISSISSIPPI RIVER COMMISSION

TABLE 41-O

**CHANNEL IMPROVEMENTS:
NEW ORLEANS DISTRICT
(FISCAL YEAR 2007)**

Location	Year Initiated	In System When Completed	Built This FY (Miles)	Total Complete Thru This FY	Percent Complete	Currently Under Construction
Bayou des Glaises diversion channel	1938	6.0	--	6.0	100	--
Bayous Rapides, Boeuf, and Cocodrie	1946	92.6	--	63.4	75	--
Charenton drainage and navigation canal	1939	6.3	--	6.3	100	--
Wax Lake Outlet	1938	15.7	--	15.7	100	--
Atchafalaya Basin Floodway	1933	244.2	--	186.4	76	--
Morganza Floodway	1941	3.3	--	3.3	100	--
Old River outflow channel	1956	8.3	--	8.3	100	--
Old River inflow channel	1960	2.3	--	2.3	100	--
Old River lock approach channels	1961	2.2	--	2.2	100	--
Baton Rouge Harbor (Devils Swamp)	1958	2.5	--	2.5	100	--
Teche-Vermilion Water Supply	1977	6.3	--	6.3	100	--
Old River Auxiliary Control Structure inflow channel	1986	1.9	--	1.9	100	--
Old River Auxiliary Control Structure outflow channel	1988	0.9	--	0.9	100	--
Caernarvon Freshwater Diversion channel	1988	1.7	--	1.7	100	--

TABLE 41-P **CHANNEL IMPROVEMENTS:**
VICKSBURG DISTRICT
(FISCAL YEAR 2007)

Location	Year Initiated	In System When <u>Completed</u>	Built This FY (Miles)	Total Complete Thru This FY	Percent Complete	Currently Under Construction
BIG SUNFLOWER RIVER, ETC., MS						
Big Sunflower River.....	1947	199.1	--	199.1	100	--
Quiver River.....	1947	69.6	--	69.6	100	--
Deer Creek.....	1947	7.0	--	7.0	100	--
Steele Bayou.....	1947	54.9	--	54.9	100	--
Steele Bayou ¹	1965	71.2	--	71.2	100	--
Main Canal.....	1959	21.1	--	21.1	100	--
Main Canal ²	1993	26.7	--	26.7	100	--
Black Bayou.....	1992	36.5	--	36.5	100	--
Big Sunflower River tributaries.....	1957	227.2	--	227.2	100	--
Quiver River tributaries.....	1960	35.4	--	35.4	100	--
YAZOO BACKWATER						
Yazoo Backwater.....	1960	39.9	--	39.9	100	--
YAZOO BASIN HEADWATER, MS						
Upper Yazoo Projects.....	1976	197.4	10.0	134.0	68	10
Coldwater River.....	1941	54.6	--	54.6	100	--
Arkabutla Canal.....	1948	0.4	--	0.4	100	--
Tallahatchie Canal.....	1940	74.8	--	73.5	98	--
Little Tallahatchie River and Panola-Quitman Floodway.....	1939	48.0	--	48.0	100	--
Greenwood protection works.....	1971	2.9	--	2.9	100	--
Yacona River.....	1952	1.8	--	1.8	100	--
Bobo Bayou.....	1944	16.1	--	16.1	100	--
Cassidy Bayou.....	1934	69.0	--	69.0	100	--
Cassidy Bayou ³	--	26.0	--	--	--	--
Bear Creek Diversion.....	--	4.8	--	--	--	--
Lake Cormorant.....	--	20.9	--	--	--	--
Hurricane Bayou.....	--	2.5	--	--	--	--
Opossum Bayou.....	--	20.8	--	--	--	--
Abaica Creek.....	--	7.7	--	--	--	--
Chicopa Creek.....	--	7.0	--	--	--	--
Bear Creek.....	--	23.3	--	--	--	--
Rocky Bayou.....	--	7.8	--	--	--	--
Whiteoak Bayou.....	--	55.9	--	--	--	--
Miscellaneous ditches.....	--	12.3	--	--	--	--
Yalobusha River.....	1939	46.0	--	46.0	100	--
Yazoo River.....	1940	160.2	--	160.2	100	--
Whittington Auxiliary Channel.....	1956	30.8	--	30.8	100	--
Tchula Lake.....	1964	26.4	--	26.4	100	--
David-Burrell Bayou.....	1957	40.4	--	40.4	100	--
McKinney Bayou.....	1960	3.5	--	3.5	100	--

MISSISSIPPI RIVER COMMISSION

**TABLE 41-P
(Continued)**

**CHANNEL IMPROVEMENTS:
VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Location	Year Initiated	In System When Completed	Built This FY (Miles)	Total Complete Thru This FY	Percent Complete	Currently Under Construction
YAZOO BASIN HEADWATER, MS (Continued)						
Hillside Floodway.....	1964	11.0	--	11.0	100	--
Yazoo City protection works.....	1953	1.6	--	1.6	100	--
Ascalmore-Tippo Bayous	1975	30.2	--	15.1	50	--
Alligator-Catfish Bayou.....	1973	8.3	--	8.3	100	--
Pelucia Creek.....	1975	11.7	--	11.7	100	--
BOEUF & TENSAS RIVERS, ETC., LA AND AR						
Bayou Lafourche	1949	45.3	--	45.3	100	--
Bayou Lafourche ^{4,7}	1972	43.0	--	4.4	10	--
Big & Colewa Creeks	1947	81.4	--	81.4	100	--
Big & Colewa Creeks ^{5,7}	1965	86.8	--	51.5	60	--
Tensas River	1947	96.5	--	96.5	100	--
Tensas River ⁶	1968	165.0	--	61.0	37	--
Boeuf River, AR and LA.....	1953	103.9	--	103.9	100	--
Fleschmans Bayou, AR.....	1963	6.6	--	6.6	100	--
Caney Bayou, AR.....	1964	7.4	--	7.4	100	--
Canal 18, AR.....	1963	10.3	--	10.3	100	--
Big Bayou, AR.....	1952	33.3	--	33.3	100	--
Black Pond Slough, AR	1962	14.3	--	14.3	100	--
Bayou Macon, AR and LA	1959	150.8	--	150.8	100	--
Rush Bayou, AR	1964	6.7	--	6.7	100	--
Canal 19, AR.....	1957	50.2	--	50.2	100	--
Canal 43, AR.....	1956	34.5	--	34.5	100	--
Canal 81, AR.....	1957	32.7	--	32.7	100	--
Mill Bayou-Bayou Vidal-Bayou Vidal Cutoff	--	17.1	--	--	--	--
Kirsch Lake Canal	--	9.3	--	--	--	--
Canal 19 Extension	1964	9.4	--	9.4	100	--
Lake Chicot Pumping Plant	--	2.5	--	2.5	100	--
Mill Bayou	1955	4.8	--	4.8	100	--
RED RIVER BACKWATER, LA						
Tensas-Cocodrie Pumping Plant	1976	6.9	--	6.9	100	--
Six Mile Bayou, LA.....	--	1.5	--	1.5	100	--

1. Includes further work on 54.9 miles and adds 16.3 miles of channel to the project.
2. Includes further work on 21.1 miles and adds 1.1 miles of channel to the project.
3. Includes further work on 26.0 miles.
4. Includes further work on 38.6 miles and adds 4.4 miles of channel to the project.
5. Includes further work on 75.3 miles and adds 11.5 miles of channel to the project.
6. Includes further work on 96.5 miles and adds 68.5 additional miles of channel to the project.
7. Further work on these items has been deferred due to local oppositions and withdrawal of sponsorship by the levee district.

**TABLE 41-Q CHANNEL IMPROVEMENTS:
MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Location	Year Initiated	In System When <u>Completed</u>	Built This FY (Miles)	Total Complete Thru This FY	Percent Complete	Currently Under Construction
BIRDS POINT-NEW MADRID FLOODWAY						
Birds Point-New Madrid Intercepting Ditch Enlargement, Samos and Vicinity, MO	1952	9.6	--	9.6	100	--
ST. FRANCIS BASIN						
Little River Drainage, MO	1963	298.9	--	298.9	100	--
St. Francis River, MO and AR	1953	658.0	--	597.9	91	--
West Memphis Drainage, AR.....	1951	19.8	--	19.8	100	--
Big Slough and Mayo Ditch, AR	1960	28.0	--	28.0	100	--
Tyronza River, AR	1939	12.7	--	12.7	100	--
Ten and Fifteen Mile Bayou, AR	2003	19.7 ³	4.9	5.6	28	4.0
L'Anguille River, AR.....	(1)	95.0	--	--	--	--
LOWER WHITE RIVER BASIN, AR						
Cache River Basin, AR	1972	231.5	--	7.2	3	--
Big Creek and tributaries, AR.....	(1)	103.8	--	--	--	--
WEST KENTUCKY TRIBUTARIES						
Obion Creek, KY	(1)	41.7	--	--	--	--
WEST TENNESSEE TRIBUTARIES						
MS River, Western TN tributaries (Backwater Areas) (1946 Act)	1952	34.3	--	34.3	100	--
Obion River Diversion Channel, TN (1946 Act).....	(1)	9.3	--	--	--	--
Reelfoot Lake-Lake No. 9, KY and TN	1974	15.8	--	3.0	19	--
Running Reelfoot Bayou, TN	1955	19.7	--	19.7	100	--
MS River Below Cape Girardeau: West TN tributaries (1948 Act).....	1961	225.0	--	93.0	41	--
Wolf River and tributaries, TN.....	1960	24.7	--	24.7	100	--
NONCONNAH CREEK, MS AND TN						
Nonconnah Creek, MS and TN.....	1990	18.2	--	1.26	7	--
HELENA HARBOR, PHILLIPS COUNTY, AR						
Helena Harbor, AR ⁽²⁾	1989	2.25	--	2.25	100	--

1. Not started.
2. Data for Stage 1 only.
3. Approved work only.

MISSISSIPPI RIVER COMMISSION

TABLE 41-R

**PUMPING STATIONS:
NEW ORLEANS DISTRICT
(FISCAL YEAR 2007)**

Name	Authorized Size (CFS)	Percent Complete Thru This FY	Year Complete (Schedule/ Actual)	Rehabilitation Status (If Applicable)		
				Year Initiated	Percent Complete Thru This FY	Year Complete (Schedule/ Actual)
Bayou Yokely	489	100	1955	1990	100	1991(A)
Bayou Yokely Enlargement	568	100	1963	1990	100	1991(A)
Centerville	332	100	1964	1991	100	1992(A)
Ellerslie	136	100	1953	--	--	--
Franklin	144	100	1958	1992	100	1993(A)
Franklin Enlargement	144	100	1978	1992	100	1993(A)
Gordy	238	100	1964	--	--	--
Maryland	136	100	1957	1991	100	1992(A)
North Bend	52	100	1962	--	--	--
Tiger Island	75	100	1955	--	--	--
Wax Lake East	1,008	100	1961	1990	100	1992(A)
Wax Lake West	496	100	1965	1990	100	1992(A)
Teche Vermilion	1,300	100	1982	--	--	--
Pointe Coupee	1,500	100	1983	--	--	--
David Pond	<u>570</u>	100	2000	--	--	--
TOTAL	6,618					

TABLE 41-S

**PUMPING STATIONS:
VICKSBURG DISTRICT
(FISCAL YEAR 2007)**

Name	Authorized Size (CFS)	Percent Complete Thru This FY	Year Complete (Schedule/ Actual)	Rehabilitation Status (If Applicable)		
				Year Initiated	Percent Complete Thru This FY	Year Complete (Schedule/ Actual)
Chauvin Bayou, LA	250	100	1994	1991	100	
Bawcomville	270	100	1955	1992	100	1993
Jonesville	180	100	1952	--	--	--
Natchez Port	100	--	--	--	--	--
Wilson Point	50	--	--	--	--	--
Greenwood - Lee Street	90	100	1953	1952	--	--
Greenwood - Wilson Street	67	100	1953	1952	--	--
Greenwood - Walker Lake	675	100	1949	1952	--	--
Yazoo City	540	100	1954	1957	--	--
Columbia	45	100	1939	--	--	--
Calion	200	100	1959	--	--	--
McKinney Bayou, MS	250	100	1962	1961	--	--
Lake Chicot	6,500	100	1987	--	--	--
Tensas Cocodrie	4,000	100	1986	--	--	--
Yazoo Backwater	10,000	--	--	--	--	--
Natchez Area	300	--	--	--	--	--
Bushley Bayou	300	--	Indef ¹	--	--	--
Bushley Bayou	20	--	Indef ¹	--	--	--
Sicily-HAHA Bayou	750	100	2000	--	--	--
Sicily - Fool River	300	100	2000	--	--	--
Pelucia Creek - Rising Sun #1	10	100	1992	--	--	--
Pelucia Creek - Rising Sun #2	15	100	1992	--	--	--
Pelucia Creek Pump	75	100	1993	--	--	--
Below Red River	500	--	Indef ¹	--	--	--
Bayou Rapides	222	100	1936	--	--	--
Ouachita Parish, River Styx Bayou, LA	<u>500</u>	100	2000	--	--	--
Total	25,709					

¹ This project has been placed in the inactive category.

MISSISSIPPI RIVER COMMISSION

TABLE 41-T

**PUMPING STATIONS:
MEMPHIS DISTRICT
(FISCAL YEAR 2007)**

Name	Authorized Size (CFS)	Percent Complete Thru This FY	Year Complete (Schedule/ Actual)	Rehabilitation Status (If Applicable)		
				Year Initiated	Percent Complete Thru This FY	Year Complete (Schedule/ Actual)
Devall's Bluff	215	100	1949	1987	100	1989
Des Arc, Ark.	30	100	1954	--	--	--
Ensley	900	100	1966	--	--	--
DD #17, Station #1	375	100	¹	--	--	--
Huxtable Pumping Plant	12,000	100	1977	--	--	--
Graham Burke	1,500	100	1964	--	--	--
Finley Street	100	100	1978	--	--	--
Dyersburg	26	100	1961	--	--	--
Cotton Slough	50	100	1964	--	--	--
West Hickman	190	100	1976	--	--	--
Cypress Creek	3,000	100	1944	--	--	--
Fairfax	53.5	100	1950	--	--	--
Goose Pond	110	100	1976	--	--	--
Marble Bayou	220	100	1952	--	--	--
Workhouse Bayou	520	100	1950	--	--	--
Nonconnah	1,620	100	1944	--	--	--
L&DD #3 Peafield	400	100	¹	--	--	--
Treasure Island	150	100	1976	--	--	--
Lake No. 9	500	100	1981	--	--	--
Cairo 10th Street	65	100	1981	--	--	--
Cairo 28th Street	65	100	1981	--	--	--
DD #17, Station #2	700	100	1981	--	--	--
Drinkwater Sewer	150	100	1979	--	--	--
May Street	5	100	1948	--	--	--
Cairo 22nd Street	37	100	¹	--	--	--
Gayoso Bayou	1,500	100	1915	--	--	--
Mud Lake	200	--	--	--	--	--
Madison	25	--	--	--	--	--
Cache River	200	--	--	--	--	--
New Madrid ²	1,500	0	2009	--	--	--
St. John's Bayou	1,000	--	--	--	--	--
Drinkwater #2	<u>150</u>	100	2001	--	--	--
TOTAL	27,556.5					

1. Unknown constructed by local interest.

2. New Madrid Closure Levee and Pump Station Contract Award September 2004.

REPORT OF THE SECRETARY OF THE ARMY ON CIVIL WORKS ACTIVITIES FOR FY 2007

TABLE 41-U COSTS DURING FISCAL YEAR 2007

Item	Construction	Maintenance	Other
FEDERAL FUNDS			
Flood control, Mississippi River and tributaries:			
St. Louis District:			
St. Francis Basin-Wappapello Lake	--	4,406,807.83	--
Subtotal	--	4,406,807.83	--
Memphis District:			
Cache Basin, AR	--	--	--
Channel improvement	18,822,641.33	26,625,556.62	--
Eastern Arkansas Region (Comp)	4,875,916.49	--	--
Francis Bland Floodway Ditch (Eight Mile)	325,410.50	--	--
General investigations	--	--	1,676,553.42
Helena & Vicinity	--	--	--
Helena Harbor, Phillips County	--	393,994.74	--
Hickman Bluff, KY	--	--	--
Horn Lake Creek Modification, MS	94,845.42	--	--
Inspection of Completed Works	--	731,596.97	--
Mapping	--	531,901.65	--
Memphis Harbor (McKeller Lake)	--	1,773,000.71	--
Nonconnah Creek, TN & MS	-1,306.63	--	--
Mississippi River Levees	11,793,634.73	4,337,871.19	--
St. Francis River & Tributaries, AR	3,367,078.22	8,214,676.47	--
St. Johns Bayou & New Madrid	3,764,078.01	--	--
West Tennessee Tributaries	237,671.56	--	--
White River Backwater	--	1,128,235.49	--
Wolf River	708,589.04	--	--
Subtotal	43,988,558.67	43,736,833.84	1,676,553.42
Vicksburg District:			
Channel Improvement	25,795,395.39	26,098,590.31	--
General Investigations	--	--	1,349,908.22
Inspection of Completed Works	--	363,193.32	--
Lower Arkansas – South Bank	--	202,075.07	--
Lower Arkansas River – North Bank, AR	--	453,324.68	--
Lower Red River--South Bank Red River Levee	--	61,080	--
Mapping	--	650,000	--
Mississippi River levees	22,565,468.71	2,072,464.44	--
Tensas Basin	1,854.43	5,890,684.89	--
Yazoo Basin Tributaries	23,677,248.90	28,079,088.49	--
Greenwood Less Greenwood Protection	--	1,371,111.01	--
Greenville Harbor	--	357,701.47	--
Grenada Lake	--	7,661,146.12	--
Sardis Lake	--	15,802,694.12	--
Vicksburg Harbor	--	359,706.52	--
Subtotal	72,039,967.43	89,422,860.44	1,349,908.22

MISSISSIPPI RIVER COMMISSION

**TABLE 41-U COSTS DURING FISCAL YEAR 2007
(Continued)**

Item	Construction	Maintenance	Other
New Orleans District:			
Atchafalaya Basin	10,900,979.59	14,388,920.93	--
Atchafalaya Basin Floodway System	3,590,949.15	2,579,358.42	--
B. R. Harbor Devil Swamp	--	652,795.18	--
Bayou Cocodrie and Tributaries	--	57,569.03	--
Bonnet Carre Spillway	--	2,471,263.35	--
Channel Improvement	5,418,766.65	10,742,940.07	--
General Investigations	--	--	2,435,806.14
Inspection of Completed Works	--	759,230.33	--
Mapping	--	121,163.67	--
Mississippi Delta Region	2,023,990.67	252,624.28	--
Mississippi River Levees	3,122,276.60	2,233,606.00	--
Old River	--	13,068,734.96	--
Subtotal	<u>25,056,962.66</u>	<u>47,328,206.22</u>	<u>2,435,806.14</u>
Total Federal Funds	141,085,488.76	184,894,708.33	5,462,267.78
CONTRIBUTED FUNDS			
Memphis District			
Eastern Ark Region Comp Study	--	1,322,194.09	--
Horn Lake Creek Modification, MS	--	--	--
Horn Lake Creek and Tributaries, TN	--	-94,800.00	--
Millington & Vicinity, TN	--	--	45,346.79
Nonconnah Creek, TN & MS Flood Control	--	83,724.00	--
St. Francis Bland Floodway Ditch	--	273,187.94	--
Whiteman's Creek	--	--	--
Wolf River	--	520,624.47	--
Vicksburg District			
Atchafalaya Basin River Bayous Chene, Boeuf & Black	--	--	68,870.96
Coldwater River Below Arkabutla – Comp Feas.	--	--	17,459.63
Southwest Arkansas	--	--	--
Southeast Arkansas Feasibility	--	--	--
Southeast Arkansas Feasibility – Comp Feas.	--	--	235,401.70
New Orleans District:			
Atchafalaya Basin Floodway System	--	200,152.51	--
Atchafalaya Basin River Bayous Chene, Boeuf & Black	--	--	18,913.36
Mississippi Delta Region	--	--	--
Morganza, LA to Gulf of Mexico	--	--	<u>722,329.42</u>
Total Contributed Funds	--	2,305,083.01	1,108,321.86
Grand Total, Federal and Contributed Funds	141,085,488.76	187,199,791.34	6,570,589.64

MISSISSIPPI RIVER COMMISSION

**TABLE 41-V
(Continued)**

**STATEMENT OF ALLOTMENTS AND
ACCRUED EXPENDITURES FOR FLOOD
CONTROL, MISSISSIPPI RIVER AND
TRIBUTARIES, FROM MAY 15, 1928,
THROUGH SEP. 30, 2007**

District or Installation and Class of Work	Allotments	Accrued Expenditures	Unexpended Balance Sep. 30, 2007
New Orleans District:			
Baton Rouge Harbor, LA	699,185	699,185	--
Atchafalaya River and Basin, LA	3,375,492	3,375,492	--
Bonnet Carre - Spillway, LA	14,212,198	14,212,198	--
Contraction works	1,258,916	1,258,916	--
Mapping	1,112,967	1,112,967	--
Roads on levees	540,838	540,838	--
S. G. & O. prior to Aug. 18, 1941	2,701,566	2,701,566	--
Wax Lake Outlet and Charenton Canal	10,098,817	10,098,817	--
Morganza Floodway and structure	35,992,117	35,992,117	--
Lake Pontchartrain	5,513,110	5,513,110	--
Teche Vermilion Basin Water Supply	34,506,000	34,506,000	--
Old River	292,274,000	292,274,000	--
Atchafalaya Basin, rights-of-way and flowage, Bayou des Glaises setback	387,917	387,917	--
Subtotal	402,673,123	402,673,123	--
All other completed items:			
Surveys under Sec. 10, Flood Control Act of 1928	4,995,215	4,995,215	--
Impounded savings	1,593,097	1,593,097	--
Plant transferred to revolving fund	24,924,578	24,924,578	--
OCE (portion of allotment transferred to Revolving fund, Washington Dist.)	19,882	19,882	--
Subtotal	31,532,772	31,532,772	--
TOTAL COMPLETED WORKS	496,192,500	496,192,500	--
UNCOMPLETED WORKS:			
Rock Island District:			
Levees under Sec. 6, Flood Control Act of 1928	579,462	579,462	--
St. Louis District:			
Levees under Sec. 6, Flood Control Act of 1928	1,897,980	1,897,980	--
Subtotal	2,477,442	2,477,442	--
Memphis District:			
Mississippi River Levees	341,163,601	328,575,891	12,587,710
New Madrid	98,000	98,000	--
Channel improvement:			
Revetments	503,603,306	503,578,977	24,329
Dredging	58,566,439	58,566,439	--
Dikes	302,838,942	301,489,993	1,348,949

TABLE 41-V STATEMENT OF ALLOTMENTS AND ACCRUED EXPENDITURES FOR FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, FROM MAY 15, 1928, THROUGH SEP. 30, 2007

District or Installation and Class of Work	Allotments	Accrued Expenditures	Unexpended Balance Sep. 30, 2007
Memphis District: (Continued)			
Reelfoot Lake	439,434	439,434	--
Reelfoot Lake, Lake No. 9, TN-KY	7,896,000	7,896,000	--
St. Francis Basin:			
Wappapello Lake	9,019,908	9,019,908	--
St. Francis River and tributaries	345,957,412	341,064,534	4,892,878
Big Slough and Mayo Ditch	965,429	965,429	--
Little River Drainage	52,486,092	52,486,092	--
Lower White River:			
Clarendon Levee	652,115	652,115	--
Augusta to Clarendon, AR	1,788,846	1,788,846	--
White River backwater levee, AR	10,624,501	10,624,501	--
Horn Lake Creek & Tribs	2,290,100	2,290,100	--
Horn Lake Creek Modification, MS	826,200	878,902	-52,702
Hickman Bluff, KY	17,339,600	17,339,600	--
Memphis Harbor Ensley Berm	3,510,000	3,510,000	--
Nonconnah Creek, Flood Control Ext.	300,000	247,298	52,702
Nonconnah Creek Recreation Facility	16,910	16,910	--
Nonconnah Creek, TN & MS	17,541,399	17,417,339	124,060
Nonconnah Creek, Recreation Extension	36,000	36,000	--
West Memphis and Vicinity	571,000	571,000	--
Whiteman's Creek, Ar	1,895,500	1,895,010	490
Levees under Sec. 6, Flood Control Act of 1928	108,651	108,651	--
West Tennessee Tributaries	54,853,255	54,847,494	5,761
Helena Harbor, Phillips County, AR	14,473,700	14,473,700	--
Helena & Vicinity, AR	7,635,478	7,566,598	68,880
Cache Basin, AR	10,850,000	10,849,291	709
West Kentucky Tributaries	1,440,000	1,440,000	--
Mud Lake Pumping Station, TN	100,000	100,000	--
L'Anguille River	237,432	237,432	--
Eight Mile Creek	3,896,000	3,895,161	839
St. Johns Bayou & New Madrid Floodway	14,705,847	10,092,476	4,613,371
Eastern Arkansas Reg (Comp)	58,537,661	53,707,381	4,830,280
St. Francis Bland Floodway Ditch (Eight Mile Creek)	11,435,789	11,412,982	22,807
Wolf River, Memphis, TN	7,614,000	6,687,737	926,263
Subtotal	1,866,383,057	1,836,935,732	29,447,326
Vicksburg District:			
Mississippi River Levees	485,252,977	459,950,907	25,302,070
Section 6 Levees	9,000	9,000	--
Lower Arkansas River:			
North Bank	7,049,414	7,049,414	--
South Bank	15,676,286	15,676,286	--
Tensas Basin:			
Lake Chicot Pumping Plant	95,639,986	95,639,945	41
Tensas River	41,505,235	41,505,235	--
Red River Backwater:			
Below Red River	639,400	639,400	--

MISSISSIPPI RIVER COMMISSION

**TABLE 41-V
(Continued)**

**STATEMENT OF ALLOTMENTS AND
ACCRUED EXPENDITURES FOR FLOOD
CONTROL, MISSISSIPPI RIVER AND
TRIBUTARIES, FROM MAY 15, 1928,
THROUGH SEP. 30, 2007**

District or Installation and Class of Work	Allotments	Accrued Expenditures	Unexpended Balance Sep. 30, 2007
Red River Backwater Levee, LA	137,605,254	137,555,193	50,061
Tensas Cocodrie pumping plant	56,071,200	56,071,167	33
Lower Red River South Bank Red River Levees	756,300	756,300	--
Channel improvement:			
Revetments	603,465,534	603,107,889	357,645
Dredging	23,919,516	23,919,516	--
Dikes	220,920,345	220,885,242	35,103
Levees under Sec. 6, Flood Control Act of 1928	958,175	958,175	--
Ouachita River Levees	400,000	400,000	--
Yazoo Basin:			
Sardis Lake	26,502,400	26,502,400	--
Enid Lake	21,292,400	21,292,400	--
Arkabutla Lake	16,000,700	16,000,700	--
Grenada Lake	45,401,494	45,401,494	--
Greenwood	11,543,000	11,543,000	--
Belzoni	316,656	316,656	--
Yazoo City	2,205,611	2,205,611	--
Will M. Whittington auxiliary channel	10,950,966	10,950,966	--
Big Sunflower, etc.	114,338,592	108,680,391	5,658,201
Main Stem	34,756,248	34,756,126	122
Upper Yazoo Projects	247,770,646	233,073,595	14,697,051
Yazoo Basin--Tributaries			
Tributaries (Except Ascal-Tippo-Opossum Bayous)	107,519,582	107,519,582	--
Tributaries--Bank Stabilization	612,484	612,484	--
Ascalmore-Tippo-Opossum Bayous	23,977,200	23,977,200	--
Yazoo Basin Backwater			
Yazoo Backwater less Rocky Bayou	58,598,435	57,691,383	907,052
Rocky Bayou	3,401,500	3,401,500	--
Yazoo Backwater Pumping Plant	66,048,724	22,975,281	43,073,443
Muddy Bayou	5,145,200	5,145,200	--
Yazoo Backwater, F&WL Mitigation	6,415,500	6,415,500	--
Yazoo Basin Reformulation	37,763,643	37,147,963	615,680
Streambank Erosion Control, Eval. and Demo.	14,767,000	14,767,000	--
Yazoo Basin, Demonstration Erosion Control	366,850,741	365,143,191	1,707,550
Dam Safety Assurances-Sardis Dam	23,235,000	23,235,000	--
Subtotal	2,935,282,344	2,842,878,292	92,404,052
New Orleans District:			
Bayou Cocodrie and Tributaries	5,008,008	5,008,008	--
Miss. & LA Estuarine	4,636,591	4,634,585	2,006
Channel Improvement:			
Dredging	35,945,266	35,945,266	--
Revetments	1,098,367,793	1,095,899,628	2,468,165
Louisiana Penitentiary Levee	18,104,502	18,060,102	44,400
Lower Red River (South Bank Levees)	18,056,600	18,056,600	--

**TABLE 41-V
(Continued)**

**STATEMENT OF ALLOTMENTS AND
ACCRUED EXPENDITURES FOR FLOOD
CONTROL, MISSISSIPPI RIVER AND
TRIBUTARIES, FROM MAY 15, 1928,
THROUGH SEP. 30, 2007**

District or Installation and Class of Work	Allotments	Accrued Expenditures	Unexpended Balance Sep. 30, 2007
New Orleans District (Continued):			
Levees Under Sec. 6, Flood Control Act of 1928	200,680	200,680	--
Mississippi River Levees	393,214,524	389,090,189	4,124,335
Mississippi Delta Region	108,602,542	104,104,418	4,498,124
Atchafalaya Basin Floodway:			
Atchafalaya Basin	1,017,366,661	1,000,189,336	17,177,325
Atchafalaya River Navigation	303,463	303,463	--
Atchafalaya Basin Floodway System	121,531,814	116,220,956	5,310,858
Subtotal	2,821,338,444	2,787,713,231	33,625,213
FY 06-07 SUPPLEMENTAL FUNDS			
Vicksburg District:			
Channel Improvement – Revetment Construct	1,000,000	1,000,000	--
Subtotal	1,000,000	1,000,000	--
New Orleans District:			
General Investigations	8,500,000	998,697	7,501,303
Mississippi River Levees – Construct	10,000,000	--	10,000,000
Channel Improvement – Revetment Construct	7,000,000	6,733,211	266,789
Atchafalaya Basin – Maintenance	15,250,000	15,216,068	33,932
Channel Improvement – Revetment Maint	29,000,000	28,913,732	86,268
Mapping	1,000,000	780,718	219,282
Mississippi Delta Region – Maint	1,000,000	480,411	519,589
Mississippi River Levees – Maint (420) Borrowed Funds	27,021,000	26,800,068	220,932
Mississippi River Levees – Maint	64,000,000	20,082,541	43,917,459
Subtotal	162,771,000	100,005,446	62,765,554
TOTAL SUPPLEMENTAL FUNDS	163,771,000	101,005,446	62,765,554
TOTAL UNCOMPLETED WORKS	7,789,252,287	7,571,010,143	218,242,145
ADVANCE ENGINEERING AND DESIGN (CONSTRUCTION)			
Memphis District:			
L'Anguille River Basin, AR	150,000	150,000	--
Reelfoot Lake, Lake No. 9	30,000	30,000	--
Cache River	420,000	420,000	--
Big Creek and Tributaries, Lower White River	365,000	365,000	--
Clarendon Levee, Lower White River	65,000	65,000	--
West Kentucky Tributaries	175,000	175,000	--
Mud Lake Pumping Station, TN	350,000	350,000	--
Harris Fork Creek, KY & TN	540,000	540,000	--
Subtotal	2,095,000	2,095,000	--

MISSISSIPPI RIVER COMMISSION

**TABLE 41-V
(Continued)**

**STATEMENT OF ALLOTMENTS AND
ACCRUED EXPENDITURES FOR FLOOD
CONTROL, MISSISSIPPI RIVER AND
TRIBUTARIES, FROM MAY 15, 1928,
THROUGH SEP. 30, 2007**

<hr/>			
Vicksburg District:			
Yazoo Basin, Big Sunflower River, Steele Bayou	29,700	29,700	--
Tensas - National Wildlife Refuge, LA	200,000	200,000	--
Subtotal	229,700	229,700	--
New Orleans District:			
Mississippi Delta Region (EP 309)	69,753	69,753	--
Teche Vermilion Basin-Water Supply	1,109,000	1,109,000	--
East Rapides & S. Central Avoyelles Parishes	965,247	965,247	--
Subtotal	2,144,000	2,144,000	--
TOTAL ADVANCE ENGINEERING AND DESIGN	4,468,700	4,468,700	--
TOTAL COMPLETED WORKS, UNCOMPLETED WORKS AND ADVANCE ENGINEERING AND DESIGN	8,289,913,487	8,071,671,343	218,242,145
RECREATION FACILITIES--COMPLETED PROJECTS			
Eight-Year Project Funds			
St. Louis District:			
Wappapello Lake, MO	2,405,300	2,405,300	--
Wappapello Lake, MO, Rockwood Landing	203,286	203,286	--
Subtotal	2,608,586	2,608,586	--
Vicksburg District:			
Sardis Lake	1,584,339	1,584,339	--
Enid Lake	2,268,209	2,268,209	--
Arkabutla Lake	2,189,280	2,189,280	--
Grenada Lake	1,631,281	1,631,281	--
Subtotal	7,673,109	7,673,109	--
Total Eight-Year Program Funds	10,281,695	10,281,695	--
Total chargeable against Flood Control Act Limitations Excluding Flood Control emergencies	8,300,195,182	8,081,953,038	218,242,144
Total Maintenance Since Jul. 18, 1941	4,558,988,893	4,523,676,830	35,312,063
Total Rehabilitation	31,113,000	31,113,000	--
Total Flood Control Emergencies	14,900,300	14,900,300	--
Total General Investigations	176,550,140	173,250,083	3,300,057
Total flood control, MR&T appropriations	13,081,747,515	12,824,893,251	256,854,264

TABLE 41-V
(Continued)

**STATEMENT OF ALLOTMENTS AND
ACCRUED EXPENDITURES FOR FLOOD
CONTROL, MISSISSIPPI RIVER AND
TRIBUTARIES, FROM MAY 15, 1928,
THROUGH SEP. 30, 2007**

Appropriations in addition to flood control, MR&T			
Other appropriations itemized in footnote (1), pp. 2068-69, Annual Report for 1953	32,068,909	32,068,909	--
Grand total appropriated to Sep. 30, 2007	<u>13,113,816,424</u>	<u>12,856,962,160</u>	<u>256,854,264</u>

Note: Preauthorization study costs chargeable to the MR&T authorization have been transferred to completed work. Costs not chargeable have been excluded from this report.

MISSISSIPPI RIVER COMMISSION

TABLE 41-W COST AND FINANCIAL STATEMENT

Project	Funding	FY04	FY05	FY06	FY07	Total Sep. 30, 2007
Mississippi River and tributaries (Regular Funds) ¹	General Investigations ² :					
	Allotted	7,224,000	6,807,000	8,932,000	4,213,500	176,550,140
	Cost	7,433,556	6,236,519	5,170,838	5,462,268	173,250,084
	Construction (includes advance engineering and design):					
	Allotted	160,478,100	134,179,000	233,245,300	197,731,500	7,992,061,288
	Cost	155,003,722	142,627,095	146,711,302	141,085,489	7,836,585,537
	Maintenance					
	Allotted	154,605,900	162,918,000	167,383,375	188,959,615	4,531,967,893
	Cost	154,688,093	157,384,312	145,763,030	184,894,708	4,499,110,347
	Rehabilitations:					
	Allotted	--	--	--	--	31,113,000
	Cost	--	--	--	--	31,113,000
	Flood control emergencies (Maintenance):					
	Allotted	--	--	--	--	14,885,992
	Cost	--	--	--	--	14,885,992
(Supplemental Funds)	General Investigations:					
	Allotted	--	--	8,500,000	--	8,500,000
	Cost	--	--	175,610	823,087	998,697
	Construction:					
	Allotted	--	--	18,000,000	--	18,000,000
	Cost	--	--	3,751,101	3,982,110	7,733,211
	Maintenance:					
	Allotted	--	--	127,271,000	--	127,271,000
	Cost	--	--	60,494,552	29,545,380	90,039,932
(Contributed Funds)	New Work:					
	Contributed	--	--	--	--	34,339,413
	Cost	--	--	--	--	33,270,005
	Maintenance:					
	Contributed	310,000	5,240,000	1,883,459	5,040,014	32,881,507
	Cost	259,512	3,702,654	1,004,836	2,305,084	25,169,458

**TABLE 41-W COST AND FINANCIAL STATEMENT
(Continued)**

Project	Funding	FY04	FY05	FY06	FY07	Total Sep. 30, 2007
1. Appropriations were as follows:						
Appropriations chargeable against Flood Control Act authorizations:						
Flood Control, MR&T except for emergencies (excludes Maintenance allotments Aug. 18, 1941, through Sep. 30, 2007):						
Net total allotted for works under Mississippi River Commission:					8,258,380,715	
Eight-Year Program Funds, Construction General:					10,281,695	
Surveys under Sec. 10, Flood Control Act of 1928 (not under MRC):					4,995,215	
Transferred to revolving fund:					24,944,460	
Impounded savings:					1,593,097	8,300,195,182
Flood control emergencies:						
Net total allotted:					14,885,922	
Impounded savings:					14,378	14,900,300
Additional funds not chargeable against Flood Control Act authorizations:						
Appropriations for Flood Control, MR&T, except for flood control emergencies:						
General investigations:					176,550,140	
Maintenance allotments Aug. 18, 1941, through Sep. 30, 2007					4,558,988,893	
Rehabilitations:					31,113,000	4,766,652,033
Appropriations in addition to appropriations for Flood Control, MR&T (itemized in footnote (1), pp 2068-69, Annual Report for 1953):					32,068,909	32,068,909
Budgetary and OCE Reserves:						
Grand total:						<u>13,113,816,424</u>
Reconciliation of appropriations and allotments:						
Total allotted to Sep. 30, 2007:					13,082,269,274	
Transferred to revolving fund:					24,944,460	
Surveys under Sec. 10, Flood Control Act of 1928 (not under MRC):					4,995,215	
Impounded savings withdrawn by Chief of Engineers:					1,607,475	
Total Appropriations to Sep. 30, 2007:					<u>13,113,816,424</u>	
Appropriations for past four reporting periods were as follows:						
		FY 04: \$322,308,000				
		FY 05: \$303,904,000				
		FY 06: \$409,560,675				
		FY 07: \$390,904,615				
Supplemental Appropriations for past two reporting periods were as follows:						
		FY06: \$153,771,000				
		FY07: --				

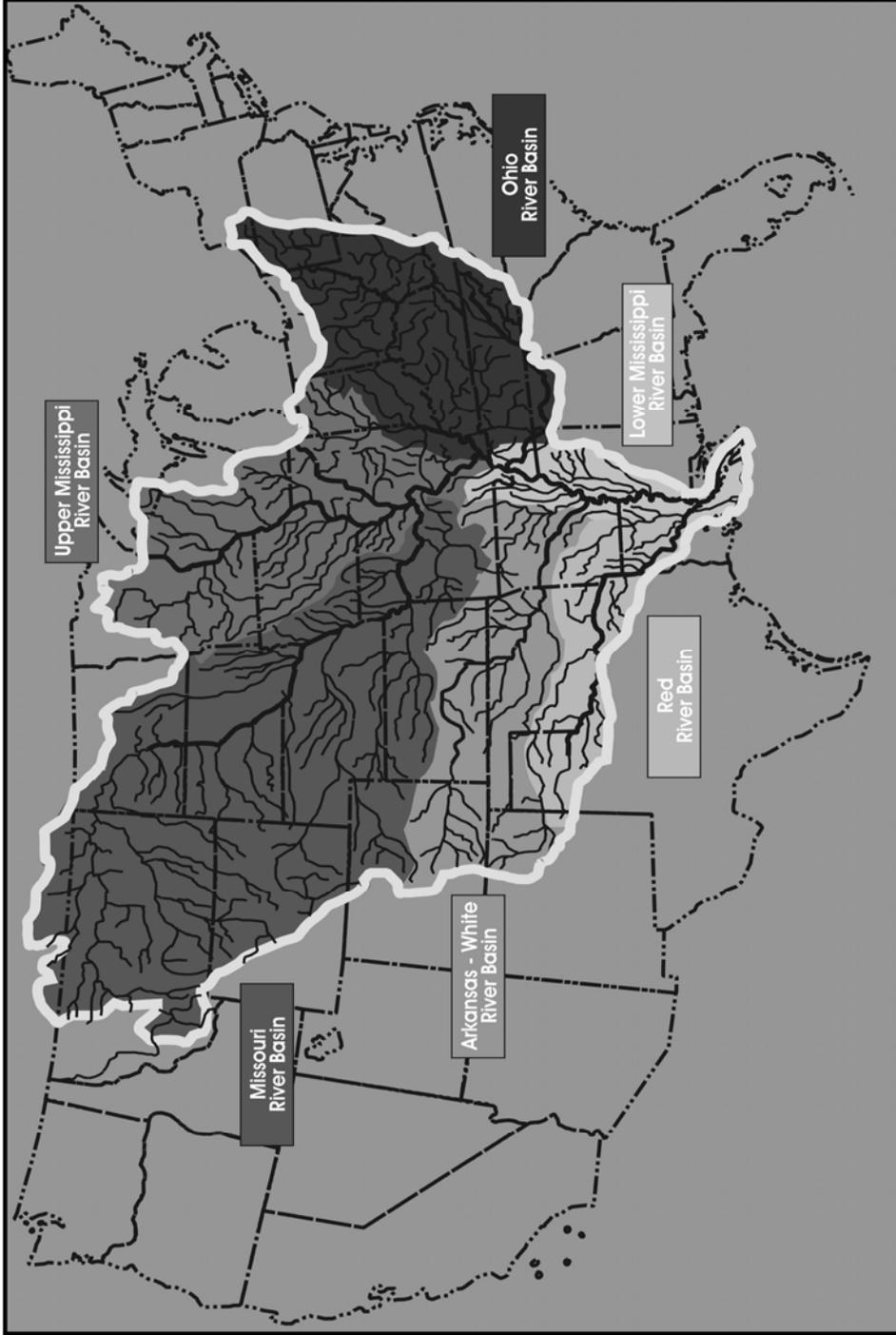
2. Totals for General Investigations include four projects transferred from Construction totals per DAEN-CWB-W, Aug 4, 1978, teletype.

MISSISSIPPI RIVER COMMISSION

TABLE 41-X **MISSISSIPPI RIVER AND TRIBUTARIES**
ACTIVE GENERAL INVESTIGATIONS
(96X3112)

Item and CWIS Number	FISCAL YEAR COST		
	Federal	Non-Federal	Total
SURVEYS (Category 110)			
<u>Flood Damage Prevention (112)</u>			
<u>Vicksburg District</u>			
Mississippi Delta, MS - 012808	199	--	199
Atchafalaya River Bayous Chene Bouef - 013771		68,871	68,871
Subtotal	199	68,871	69,070
<u>New Orleans District</u>			
Atchafalaya River Bayous Chene Boeuf & Black – 013771		18,913	18,913
Subtotal		18,913	18,913
TOTAL (Category 112)	199	87,784	87,983
<u>Flood Damage Prevention-Recon Study (113)</u>			
<u>Vicksburg District</u>			
Coldwater Below Arkabutla Lake - 081356	52,829	--	52,829
Olive Branch MS - 081357	20	--	20
Subtotal	52,849	--	52,849
TOTAL (Category 113)	52,849	--	52,849
<u>Flood Damage Prevention – Feasibility Study (114)</u>			
<u>Memphis District</u>			
Millington & Vicinity, TN – 081375	-660	45,347	44,687
Subtotal	-660	45,347	44,687
<u>New Orleans District</u>			
Donaldsonville, LA – 013510	205,600	105,113	310,713
Alexandria, LA to the Gulf (Rapides Parish) – 081308	142,385		142,385
Subtotal	347,985	105,113	453,098
TOTAL (Category 114)	347,325	150,460	497,785
<u>Special Reconnaissance Study (115)</u>			
<u>Vicksburg District</u>			
Spring Bayou, LA – 081338	107	--	107
Subtotal	107	--	107
TOTAL (Category 115)	107	--	107
<u>Comprehensive Reconnaissance Study (117)</u>			
<u>Memphis District</u>			
Memphis Metro Area, Storm Water Mgmt - 134715	48,267	--	48,267
Subtotal	48,267	--	48,267
TOTAL (Category 117)	48,267	--	48,267

Mississippi River Drainage Basin



The seven-member Presidentially appointed Mississippi River Commission is responsible for the comprehensive Mississippi River and Tributaries project and engineering work associated with the Mississippi River drainage basin which impacts 41% of the United States and includes 1.25 million square miles, more than 250 tributaries, 31 states, and 2 Canadian provinces.