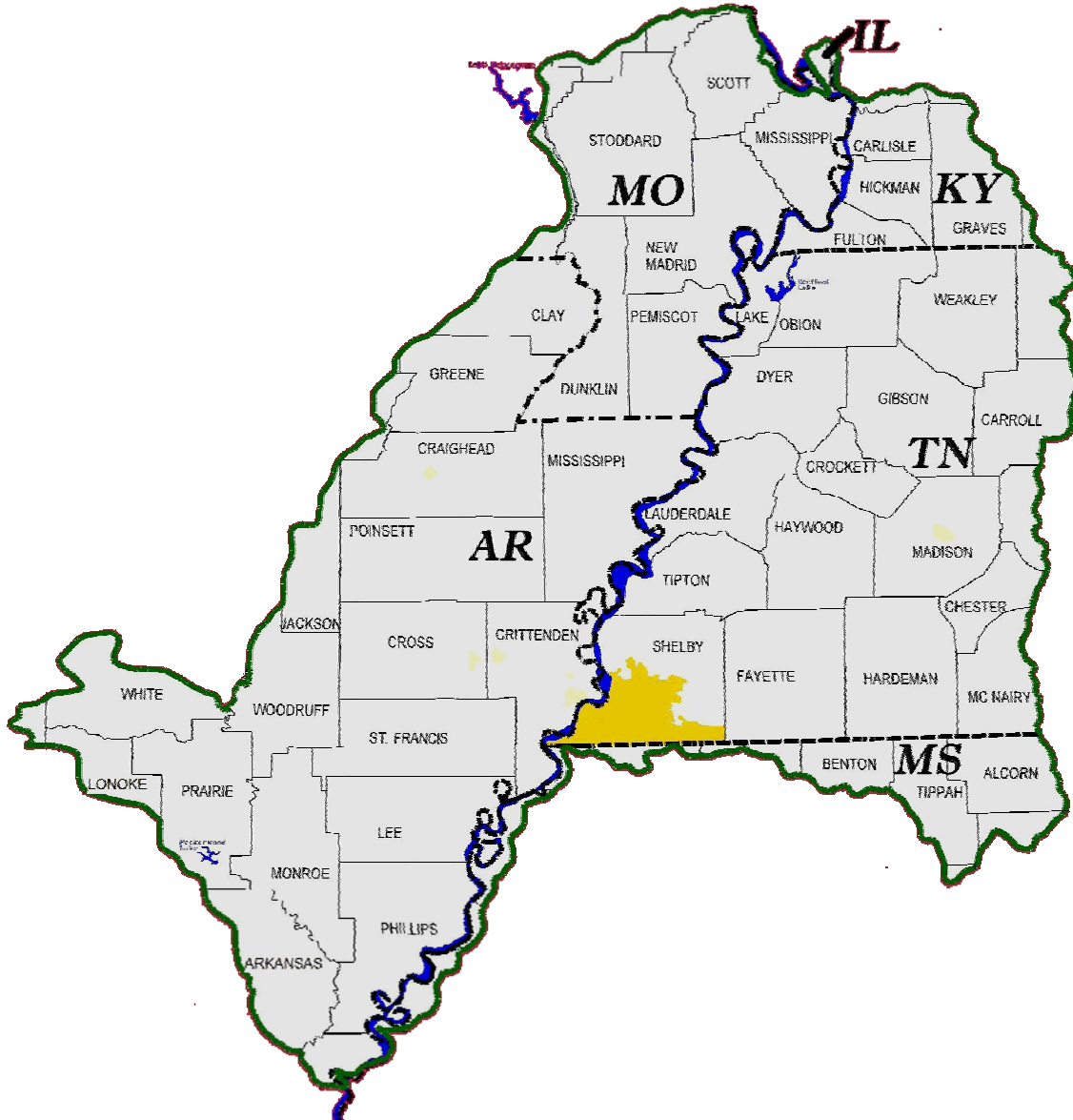




US Army Corps
of Engineers
Memphis District



MEMPHIS DISTRICT



MISSOURI FACT SHEETS AND MAPS



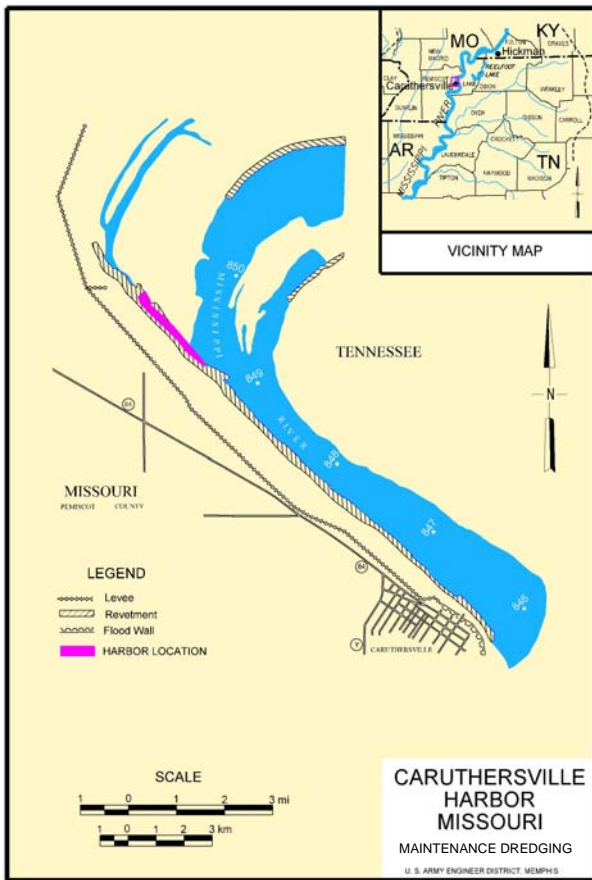
One Corps Serving The Armed Forces and The Nation





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Aerial photo of Caruthersville Harbor, MO

Project Name: Caruthersville Harbor, MO

Authority: River and Harbor Act of 1960, Section 107, as amended.

Location and Description: This harbor is located on the Mississippi River (mile 853.0) at Caruthersville, in Pemiscot County, MO. This is a slack-water harbor used primarily for the export of agricultural goods. The project provides for maintenance of the navigation channel for year-round access to barge transportation for the existing facilities. The approved channel dimensions are 9 feet deep by 150 feet wide by 3,500 feet long with a 300-foot radius turning basin at the upper end. The local interest is the Pemiscot County Port Authority.

Status: FY 2008 funds of \$467,000 will be used to dredge the harbor in summer 2008. The FY 2009 President's Budget Request includes \$10,300 in funding for surveys only. If funds are available they could be used to dredge the harbor to the authorized dimensions and to dredge the turning basin.

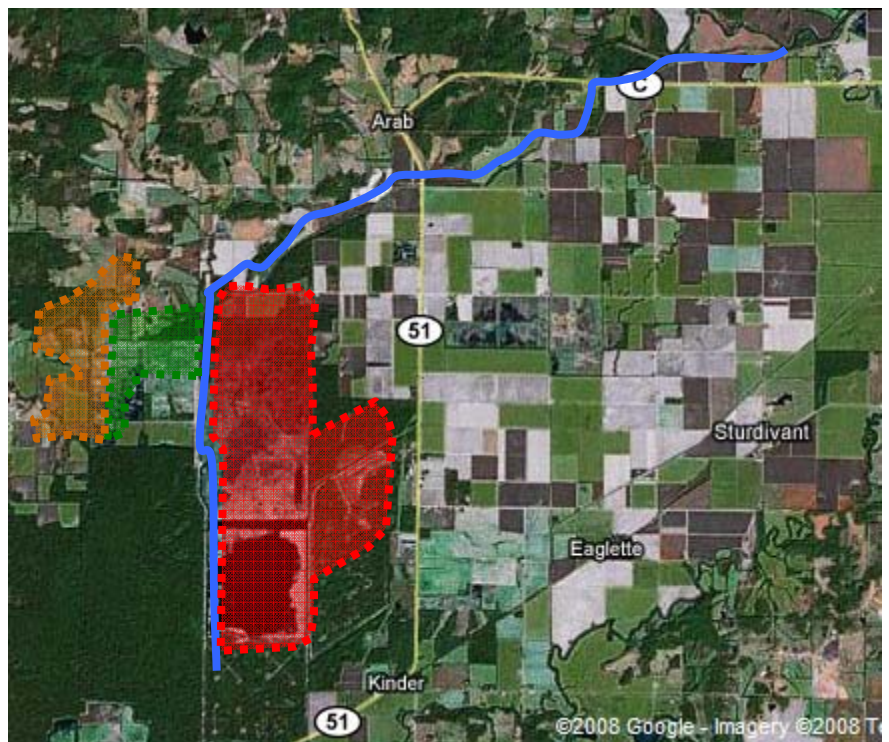
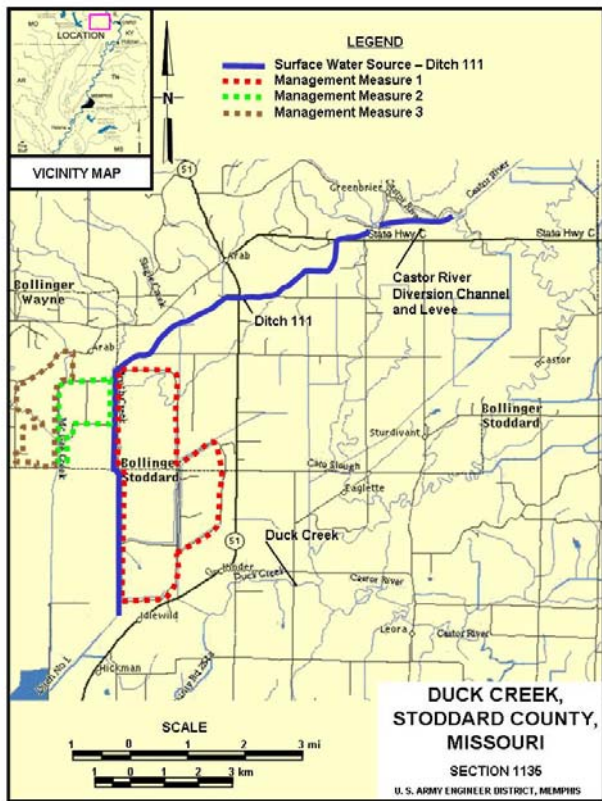
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As of: February 2008



Study Name: Duck Creek, Stoddard County, Missouri

Authority: Water Resources Development Act of 1986, Sec. 1135(b), as amended.

Location and Description: Duck Creek Conservation Area is located in Stoddard County, Missouri, and is operated by the Missouri Department of Conservation (MDC). Within the conservation area there are a series of interconnected pools that are managed for fisheries and wildlife. The primary water source supplying the pools is Castor River. During high stages on the Castor River, flow is diverted beneath the Cates levee adjoining Castor River via gravity drain system and into man made Ditch 111. Ditch 111 in turn conveys the flow to the conservation area. There is a need to restore the hydrology for the conservation area, and opportunities to convert existing agricultural areas owned by the potential sponsor for ecosystem restoration. The plan is to restore the ecosystem of the conservation area through new wells, berm removal, and drainage structures to restore sheet flow hydrology, and improve habitat that includes nesting sites for protected Bald Eagles and waterfowl. This plan will address the degradation and regeneration of the existing Pin Oak stands that provide a major food source for wintering waterfowl.

Status: A report "An evaluation of ecosystem restoration and management options for the Duck Creek/Mingo basin area of southeast Missouri" prepared for MDC and the U.S. Fish and Wildlife Service was completed in FY 2006. Recommendations from this evaluation which were grouped into three management measures have been incorporated and are the basis for the Corps' Recommended Plan. This report will become an appendix to the Feasibility Study. The schedule for completion of the feasibility report has been delayed due to uncertainty with respect to MDC's continued involvement. MDC is pursuing a North American Wetlands Conservation Act (NAWCA) Proposal. The agency proposes to implement many of the same features contained within the Corps Recommended Plan via the NAWCA funding source and not the Section 1135 program. The estimated cost to design and construct the Corps Recommended Plan is \$4,307,000, of which \$3,141,000 is Federal costs and \$1,166,000 is the responsibility of the project sponsor.

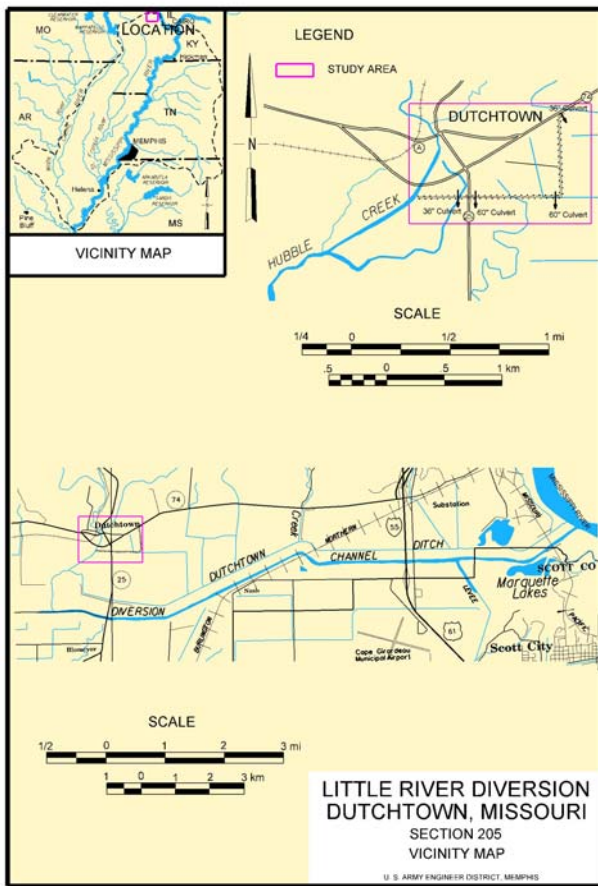
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As of: June 2008



Project Name: Little River Diversion, Dutchtown, Missouri

Authority: 1948 Flood Control Act, Sec. 205, as amended

Location and Description: The village of Dutchtown is located in Cape Girardeau County, Missouri, approximately 5 miles west of the city of Cape Girardeau and 1 mile north of the Little River Headwater Diversion channel. Missouri Highways A, 25, and 74 intersect near the center of the city. The southern portion of the town, including these highways, is subject to flooding from Mississippi River backwater into the Little River Headwater Diversion. The proposed project includes two miles of levee to protect Dutchtown from a 100-year flood. This levee would also protect a section of Missouri Highways 25 and 74 from overtopping during major flood events. The non-Federal sponsor is the Village of Dutchtown.

Status: Feasibility studies and plans and specifications have been completed. Initiation of construction is dependent on the availability of both Federal and non-Federal funds. The estimated cost for design and construction of this project is \$4,046,600 of which \$2,630,300 is Federal cost and \$1,416,300 is the responsibility of the non-Federal sponsor.

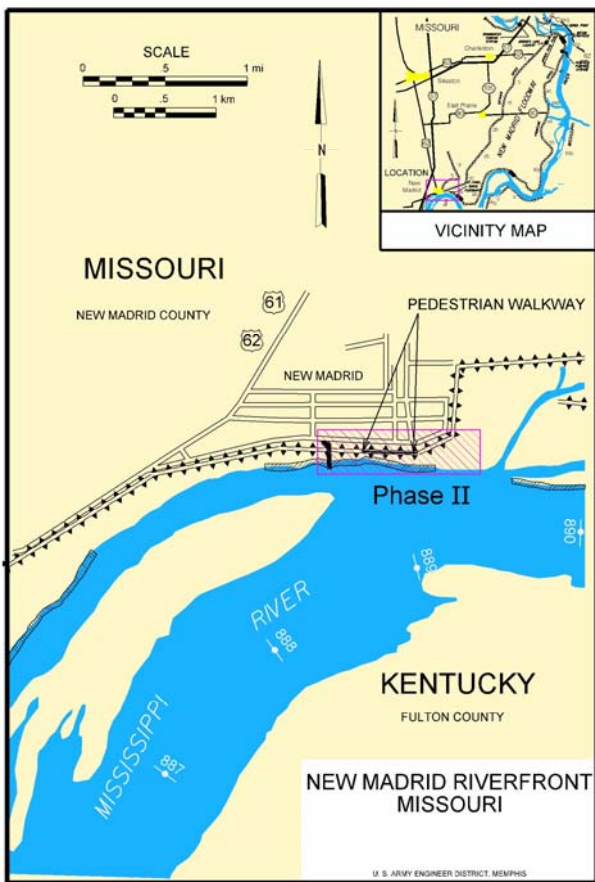
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As of: February 2008



Project Name: Phase II Riverfront Improvements at New Madrid, MO

Authority: Language in the FY 2002 House Report on Energy and Water Development Appropriations.

Location and Description: The Corps was to construct riverfront improvements at New Madrid, MO under the Mississippi River Levees authority, defined the minimum improvements to be constructed and provided funds (\$4,100,000) to construct the item.

Status: FHWA will transfer the funds to the Corps following ASA(CW) approval and execution of the Project Partnership Agreement (PPA). The PPA has been prepared, submitted and approved by MVD and HQ USACE. HQ USACE submitted package to ASA(CW) 30 May 2008 for approval. A tentative schedule for Phase II which includes: ASA(CW) Approval to Execute the PPA (June 2008), Execute PPA (July 2008), Advertise for Construction Bids (August 2008), and Award Construction Contract (October 2008).

Phase I, completed in September 2004, consists of a boat ramp with expanded parking, a section of lighted levee walkway, and levee terraces on the levee slope, fill material and sod on the levee riprap to facilitate maintenance of the levee by the local interests. No cash contributions were required from the sponsor for this part of the work, since these features are considered to be necessary for public health and safety and may be constructed at 100% Federal Cost.

Phase II features consist of approximately 1,400 feet of pedestrian walkway on the levee crown. Phase II improvements, which are recreational in nature, will require 50% cost sharing by the local sponsor. The sponsor received approval of a \$400,000 grant to contribute to this work via the Federal Highway Administration (FHWA) Transportation Enhancement Fund to match the Corps' contribution of \$400,000, for a total of \$800,000. These funds will be used to build the lighted pedestrian walkway on the crown of the levee.

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As of: June 2008



Aerial Photo New Madrid County Harbor, MO

Project Name: New Madrid County Harbor, MO

Authority: WRDA 1992, Sec. 102(n) includes language directing the Secretary of the Army to maintain the New Madrid County Harbor in lieu of maintaining the federally constructed New Madrid Harbor.

Location and Description: This locally constructed harbor is located on the Mississippi River (mile 885.0), south of the city of New Madrid, in New Madrid County, Missouri. It is a slack water harbor used primarily for the export of agricultural goods. The project provides for maintenance of the navigation channel for year-round access to barge transportation for the existing facilities. The approved channel dimensions are 9 feet deep by 150 feet wide by 1,500 feet long. The local interest is the New Madrid County Port Authority.

Status: FY 2008 funds of \$ 724,000 will be used to dredge the harbor in summer 2008. The FY 2009 President's Budget Request includes funding for operational activities, surveys and limited dredging at the mouth of the harbor. Additional funds if available could be utilized to fully dredge the harbor and to complete scour repairs on the harbor bank due to increased rock quantities needed and increased materials costs.

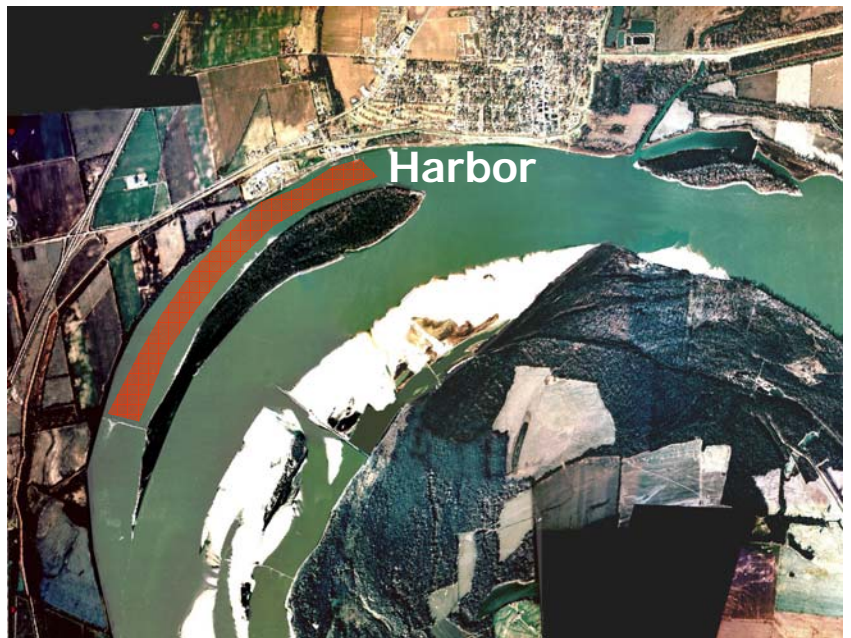
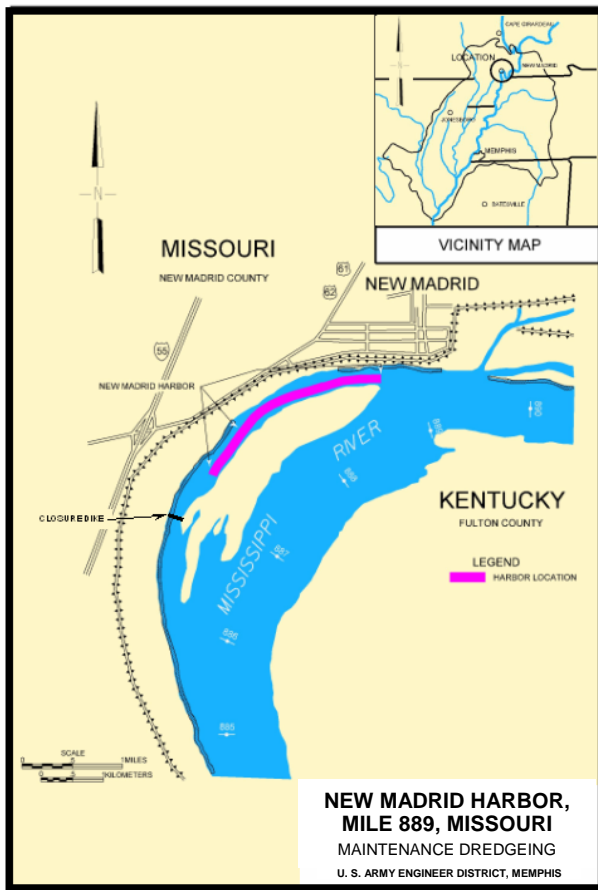
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As of: February 2008



Mosaic aerial photo of the New Madrid Harbor, Mile 889 with city of New Madrid at the top of the photo.

Project Name: New Madrid Harbor, Mile 889, MO

Authority: WRDA 1996, Sec. 509 (resumption of Federal maintenance)

Location and Description: The New Madrid Harbor is located at Mississippi River mile 889 adjacent to the city of New Madrid in New Madrid County, Missouri. The Corps constructed this fast water harbor in 1970 under Section 107 of the Rivers and Harbors Act of 1960. The approved channel dimensions are 9 feet deep by 150 feet wide by 9,400 feet long with a 250-foot radius turning basin at the lower end. The City of New Madrid is the local interest.

Status: FY 2008 funding (\$187,000) will be used to dredge the harbor in summer 2008. If funds are available in FY 2009 they could be used to fully dredge the harbor based on the most recent survey data and the sediment that has accumulated since the last maintenance dredging. Once the accumulated sediment has been removed, the biennial dredging plan outlined in the Assumption of Maintenance Study should be sufficient to maintain the harbor navigation channel. It should also be noted that the Study determined that dredging maintenance was justified on a 2 year dredging cycle.

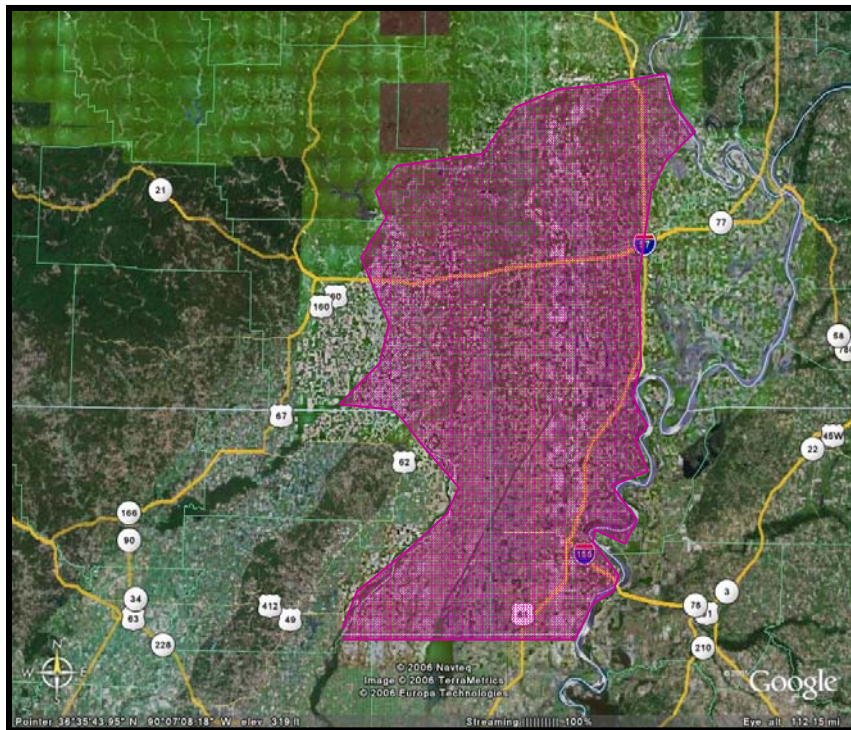
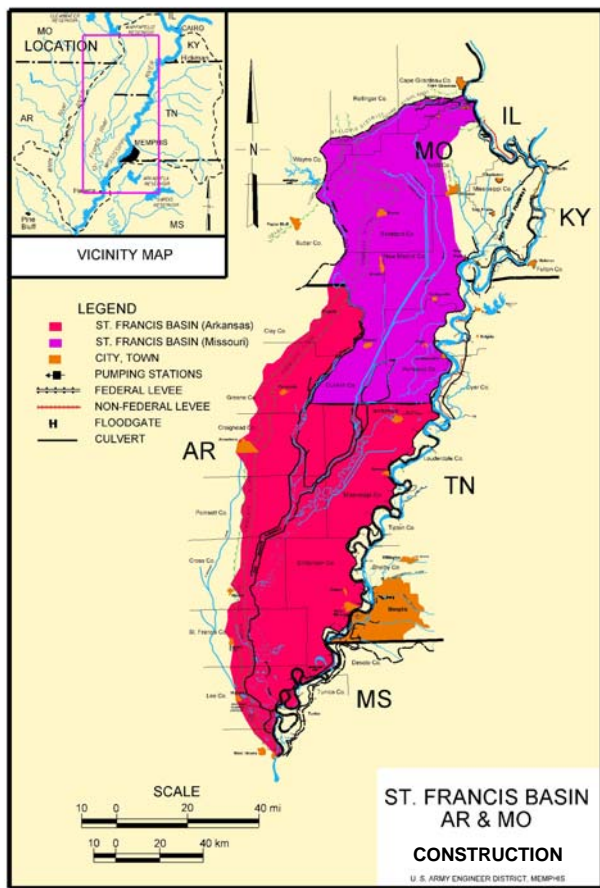
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As of: February 2008



Project Name: St. Francis Basin, AR & MO

Authority: Flood Control Acts of 1928, 1936, 1938, 1941, 1944, 1946, 1950, 1958, 1965, and 1968; WRDA 1974 and WRDA 2007, Secs. 2036, 3011, and 3182.

Location and Description: The project is located in southeastern Missouri and northeastern Arkansas. The project provides protection against headwater floods by means of a detention reservoir at Wappapello, Missouri, improvement of the flood-carrying capacities of the St. Francis and Little Rivers and their principal tributaries by means of channel improvements, new channels, auxiliary channels, and leveed floodways. Protection against backwater flooding from the Mississippi River is provided by realignment of the St. Francis River channel supplemented with auxiliary channels, levee construction, and a pumping plant and floodgate. Project authorization provides for Federal operation and maintenance. 24 levee and drainage districts provide project sponsorship.

Status: \$6,888,000 was allocated for Fiscal Year 2008 for construction in Arkansas.

Project cost: The estimated cost of the project, including construction, is \$469,849,000 of which \$467,871,000 is Federal cost and \$1,978,000 is the responsibility of the non-Federal sponsor.

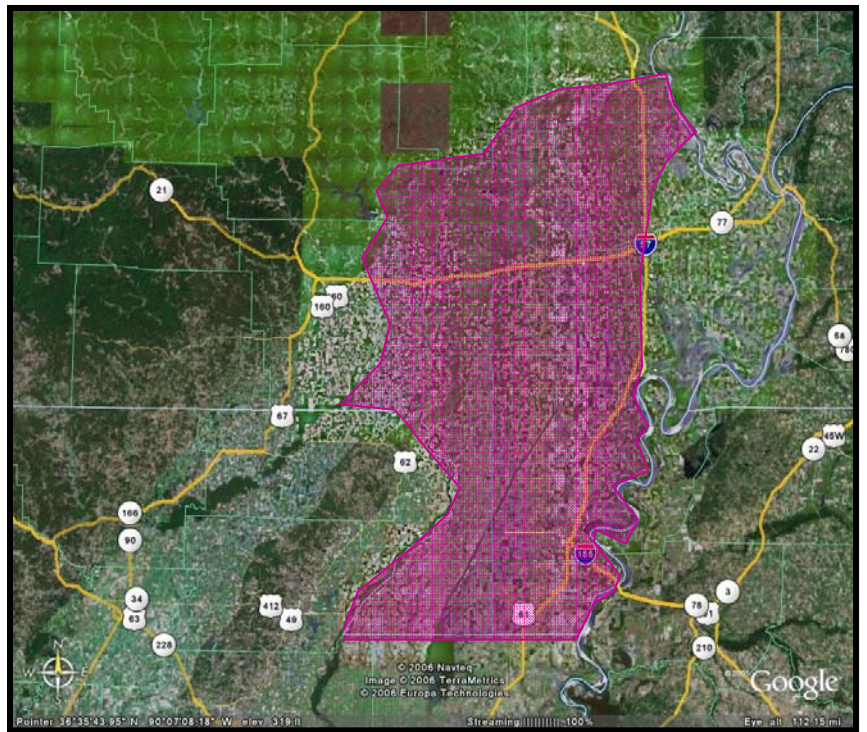
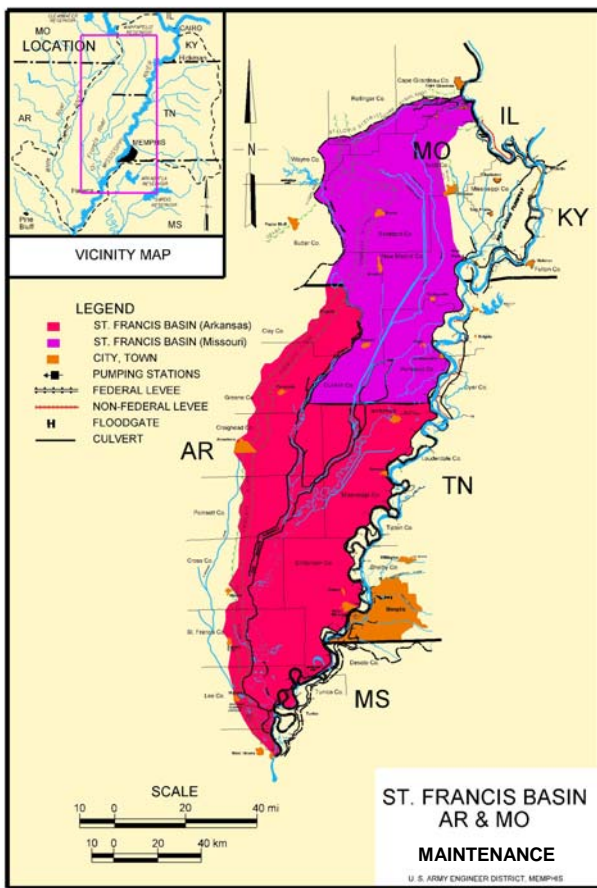
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As of: February 2008



Project Name: St. Francis River and Tributaries, AR & MO

Authority: The St. Francis Basin Project was authorized by the Flood Control Act, 15 May 1928, as amended by the Acts of 15 June 1936, 18 August 1941, 24 July 1946, 17 May 1950, 27 October 1965 and 13 August 1968. Local cooperation requirements were modified by the Flood Control Act of 24 July 1946, and limited local responsibility to ordinary maintenance as defined by Section 3 of the Flood Control Act of 15 May 1928.

Location and Description: The St. Francis Basin extends from the hills southwest of Cape Girardeau, Missouri, to the confluence of the St. Francis and Mississippi Rivers – approximately 10 miles north of Helena, Arkansas. The project provides for a certain level of Federal maintenance of authorized facilities – levees and channels – to provide the authorized level of flood protection. There are two pumping stations - Drainage District #17 and W. G. Huxtable Pumping Plant - built, maintained and operated by the Corps of Engineers. Major maintenance of the authorized features of the St. Francis Basin Project is done at no cost to the local sponsor (100% Federally funded). Local interests are only responsible for minor maintenance and rights-of-entry.

Status: \$9,840,000 was allocated for work being accomplished with FY 2008 funds. \$5,240,000 Land & Damages, Cultural Resources, Engineering, Design, Construction Management and Operate and Maintain Two Pumping Stations in Arkansas. \$2,000,000 Elk Chute South Levee Setback – Reach 1. \$1,500,000 Below Highway 90, AR – Channel Cleanout. \$500,000 Glennonville, MO Scour Repair. \$75,000 Culvert Removal – Block Hole, MO. \$275,000 Castor River – Clearing and Snagging. \$100,000 Big Lake Control Structures, AR – Electrical Controls Renovation. \$100,000 Ditch 10, AR Scour Repair / Culvert Replacement. \$50,000 Big Slough Ditch, AR – Culvert Replacement.

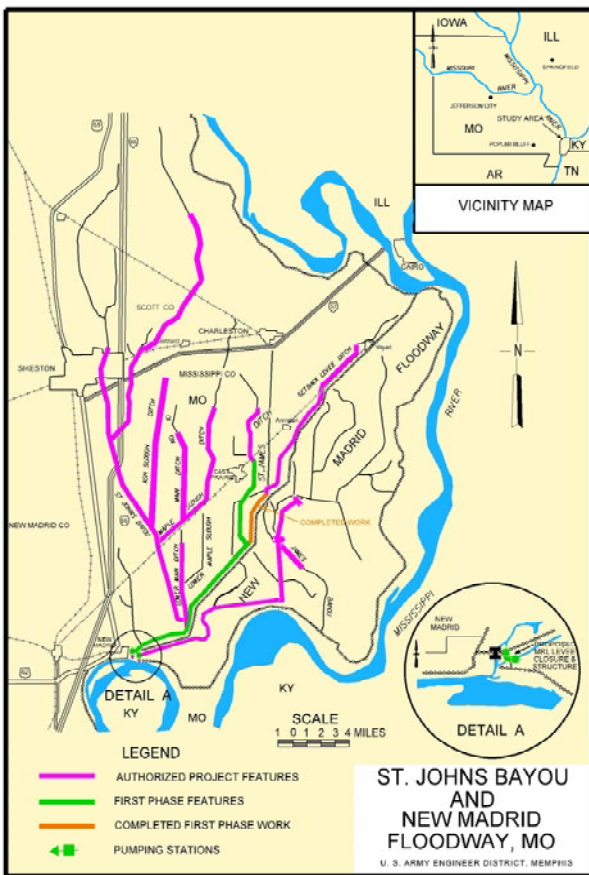
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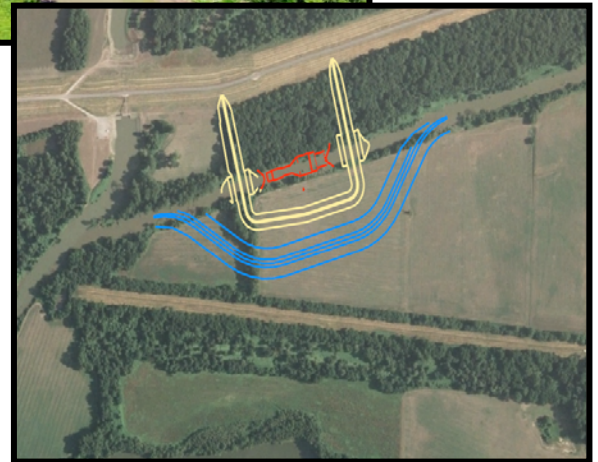
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As of: February 2008



New Madrid, MO Floodway Outlet

Initial Construction Activities



Project Name: St. Johns Bayou and New Madrid Floodway, Missouri

Authority: WRDA 1986 (PL 99-662), Sec. 401, as amended; WRDA 2007, Sec. 2019 (Ability to Pay)

Location and Description: 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). The First Phase of the authorized project includes 24 miles of channel improvements, pumping stations, all seasonal ponding easements, and appropriate mitigation features.

Status: Environmental Defense and the National Wildlife Federation filed suit in Federal court challenging the NEPA compliance of the project. On 13 September 2007, the Judge of the US District Court for the District of Columbia granted the Plaintiff's motion for summary judgment against the US Army Corps of Engineers and the Secretary of the Army. The Corps was directed to cease construction and remove any part of the project that had been built. On 14 September 2007, construction was suspended. FY 2008 funds of \$492,000 along with carryover funds from FY 2007 of \$18,876,000 will be used to complete the shutdown plan for stabilizing the site, compliance with the Court order, and evaluating options. The Corps is awaiting DOJ's recommendation on appeal. The FY 2009 President's Budget does not include funds for the project. If funds are available, they could be used in FY 2009 to get the pumping station contract ready for re-advertise and update of plans and specifications to reflect current conditions.

Project cost: The estimated cost of the project \$72,100,000 construction (Phase 1 Costs only) of which \$55,100,000 is Federal cost and \$17,000,000 is the responsibility of the non-Federal sponsor.

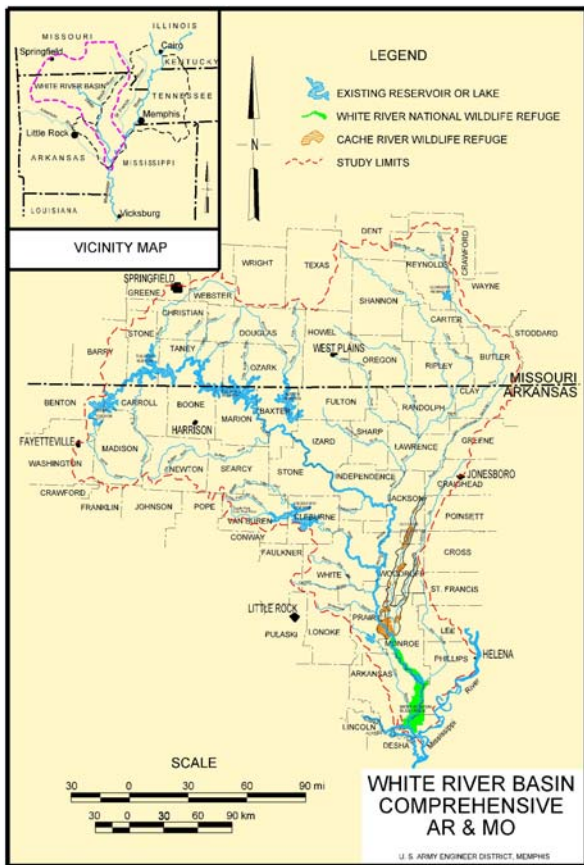
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As of: February 2008



Bull Shoals Dam



Table Rock Lake, MO

Study Name: White River Basin Comprehensive, Arkansas & Missouri

Authority: WRDA 86, Section 729; WRDA 2000 established the cost sharing of Section 729 studies at 50 % Federal/50% non-Federal, half of which can be in-kind services and increased the authorization ceiling from \$5,000,000 to \$15,000,000. WRDA 2007, Sec. 2010 modified the cost sharing to 75% Federal/25%non-Federal, 100% of which can be in-kind services.

Location and Description: The White River Basin comprises approximately 28,000 square miles in northeastern Arkansas (AR) and southern Missouri (MO). The basin contains five large multi-purpose reservoirs and one reservoir primarily for flood control; over 150 miles of flood control levees along the White River and its tributaries; 2 major national wildlife refuges; and the largest remaining concentration of seasonally flooded bottomland hardwoods in the Mississippi Valley. The study will identify water resources needs and opportunities. Potential study outputs address water resources needs for water supply, flood control, waste water management, navigation, recreation, power generation, and other water resources related needs identified in the comprehensive study. Cost-sharing sponsors include, but are not limited to: AR Natural Resources Commission, AR Game and Fish Commission, Missouri Department of Conservation, Missouri Department of Natural Resources, and The Nature Conservancy.

Status: FY 2008 funds and funds carried over from 2007 are being used to initiate the Recreation Study Phase II (\$140,000 in AR), continuation of Hydraulic & Sedimentation Study (\$50,000 in AR), initiate Ecological Sustainable Water Management Process (\$200,000 in MO and \$200,000 in AR), continuation of unsteady flow model (\$25,000 in MO and \$25,000 in AR) and initiate Water Quality Monitoring in the Upper White River Basin (\$300,000 in MO). FY 2009 funds if available could be used to fully fund a contract for the King Study which will analyze the impacts of hydrologic changes on vegetation communities of the White River Basin in Arkansas.

Project cost: The estimated cost of the project Comprehensive Studies \$8,600,000 of which \$4,300,000 is Federal cost and \$4,300,000 is the responsibility of the non-Federal sponsor.

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