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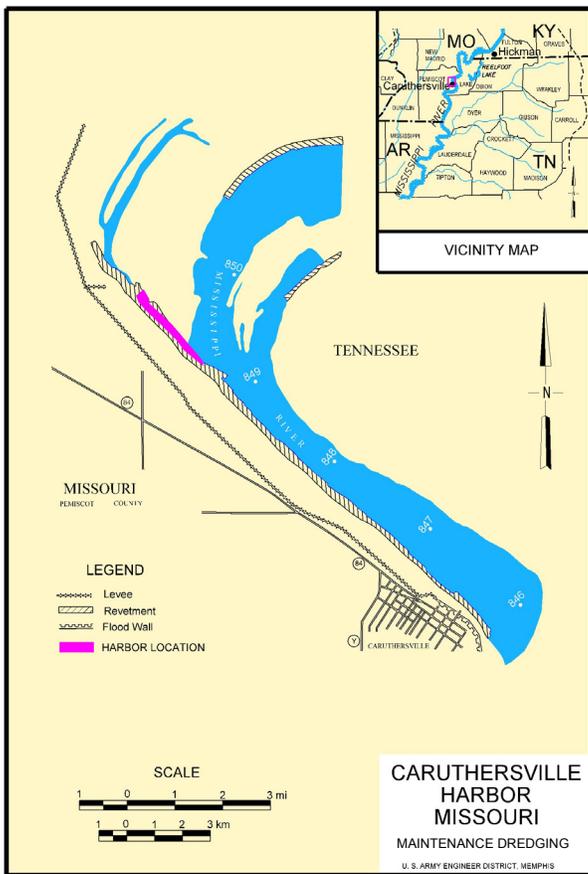
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FACT SHEETS AND MAPS



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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 2010 Supplemental funds are being used for designs and construction of phase I for the repair and re-establishing of the bank slopes within the authorized navigational channel within the harbor. This funding was provided to address damages caused by flooding in spring 2008. E&W funds are being used to fully dredge the harbor and turning basin in the summer of 2010.

Other Information: ARRA funds were used in FY 2009 to dredge the harbor. Maintenance and funding requirements vary from year to year depending on current harbor conditions and current prices for dredging services, respectively. Impacts of not dredging this harbor could vary from requiring barges to be light-loaded to complete harbor closure. In addition, restoration of the harbor limits will be more costly in the future, as the sedimentation will continue to accumulate. Maintenance of low-use harbors is not an Administration budget priority.

Project cost: The allocation for FY 2009 was \$473,340 and the anticipated allocation for FY 2010 is \$477,200.

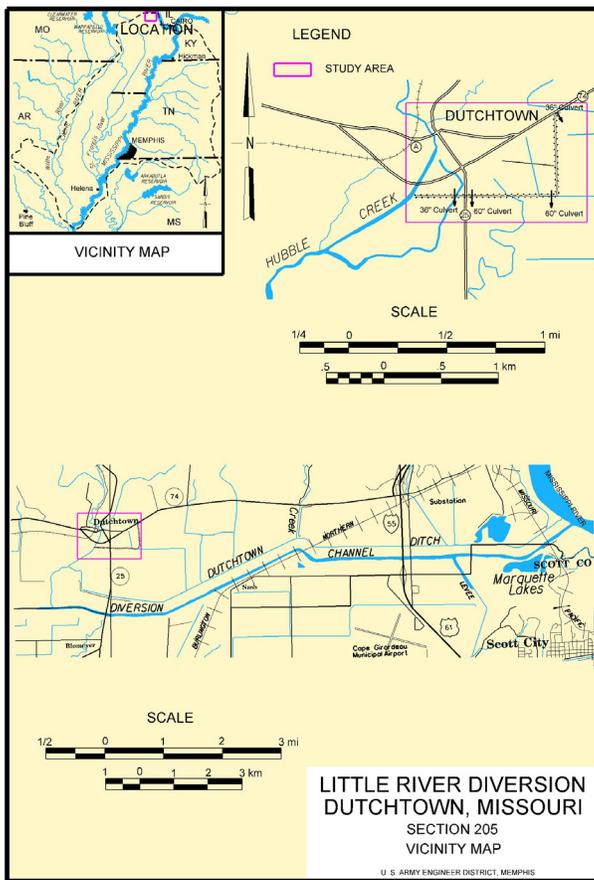
Memphis District POC:

Name: Lawrence Thomas

Phone: 901-544-0887

E-mail address: Lawrence.W.Thomas@usace.army.mil

As of: 20 February 2010



Project Name: Little River Diversion, Dutchtown, Missouri

Authority: 1948 Flood Control Act, Sec. 205, as amended (Continuing Authorities Program)

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. Village of Dutchtown, Missouri is the proponent; however, they are unable to provide their share of costs for this project.

Status: In FY 2010 no activities scheduled due to lack of cost-sharing sponsor. This project was named with no amount in the Senate Report for Energy and Water Development Appropriations Bill, 2010

Other Information: The design phase is complete and initial construction funding has been provided; however, the sponsor has not been able to identify funding to cost-share at this time. In August 2002, the Village was approved for a Community Development Block Grant to apply toward their share of the project then estimate. Delays and changes in the project deemed necessary as the result of more detailed field information and design considerations resulted in cost increases that reflects increased material & fuel costs, a design change, increased land acquisition costs, and added features. Even with the grant, this exceeds Dutchtown's financial capability. The sponsor is working to obtain financial help to cost share the increase in construction cost and to gain authority to condemn for rights-of-way acquisition.

In mid-March 2008, the Village of Dutchtown was flooded when the Headwater Diversion Channel overtopped a spoil bank levee on the north side of the channel and caused extreme flooding in the area, including closure of the intersection of Highways 25 and 74. In May 2008, local volunteers constructed an emergency levee, in preparation for predicted stages on the Mississippi River. At the sponsor's request the Corps is investigating the requirements for acceptance of this emergency levee in the PL 84-99 program. The locals are working to bring the levee constructed in May 2008 up to an acceptable status before inspection of the levee is performed for certification.

Locals have also expressed interest in streambank protection to stop scour along the east bank of Hubble Creek which is threatening the existing levee. This could be considered under Section 14, but like Section 205, would require cost sharing.

Project cost: The cost estimate for design and implementation is \$4,046,600 of which \$2,630,300 is Federal cost and \$1,416,300 is the responsibility of the non-Federal sponsor includes design costs of \$298,000 that will be cost-shared during construction.

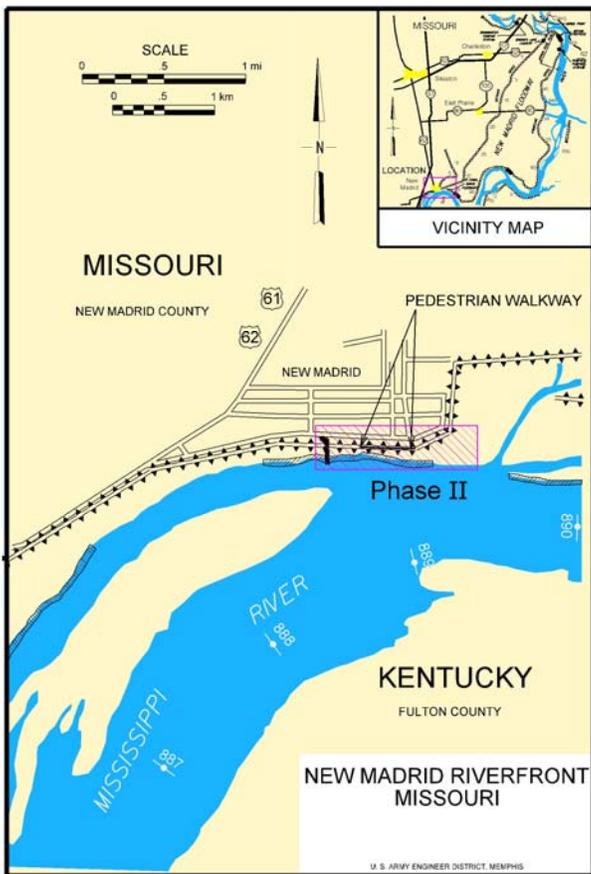
Memphis District Point of Contact:

Name: Dewey Powell

Phone: 901-544-3940

E-mail address: Dewey.L.Powell@usace.army.mil

As of: 25 February 2010



Partial Completed Walkway

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: Project is located the Mississippi Riverfront at New Madrid, MO consist of 1,450 feet of pedestrian walkway and includes installation of electrical wiring, panel boxes, lamp footings, and weather proof stub outs for lighting.

Current Status: On 5 August 2009, the mayor and city administrator requested that the Corps explore the possibility of modifying the current contract to add a vehicular barrier and slope stabilization measures between the roadway on the levee crown and the pedestrian walkway. The city provided their 50 percent share for the estimated \$120,000 cost of this modification. Memphis District, however, was unable to negotiate a modification for the available funds. The \$60,000 contribution for the modification was refunded to the city on December 3, 2009. Construction of the Phase II features was initiated 13 January 2009 and completed on 9 September 2009. Any non-Federal funds not required for this work will be refunded.

Background Language in the FY 2002 House Report on Energy and Water Development Appropriations directed the Corps to construct riverfront improvements at New Madrid under the Mississippi River Levees authority, defined the minimum improvements to be constructed and provided funds to construct the item. 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 percent Federal Cost.

Phase II features consist of approximately 1,450 feet of pedestrian walkway on the levee crown. Phase II improvements, which are recreational in nature, require 50 percent cost sharing by the local sponsor. The sponsor received approval of a \$400,000 grant from the DOT to contribute to this work. The grant was provided via the Missouri Department of Transportation and the Federal Highway Administration (FHWA) from Transportation Enhancement Fund. With a Corps contribution of \$400,000 a total of \$800,000 has been provided for this project. These funds are being used to build the lighted pedestrian walkway on the crown of the levee.

On 20 June 2008, the ASA(CW) approved the Project Partnership Agreement (PPA) for execution by the city of New Madrid and the Corps. The PPA was executed on 25 June 2008. US Department of Transportation (DOT) Transportation Enhancement funds were transferred into the Corps account for this project on 21 August 2008. Bids were opened on 22 August 2008. A groundbreaking ceremony was held at the site on 2 September 2008. A contract to construct the remaining walkway between the end of the existing walkway and the observation deck was awarded to R.L. Persons Construction on 24 September 2008.

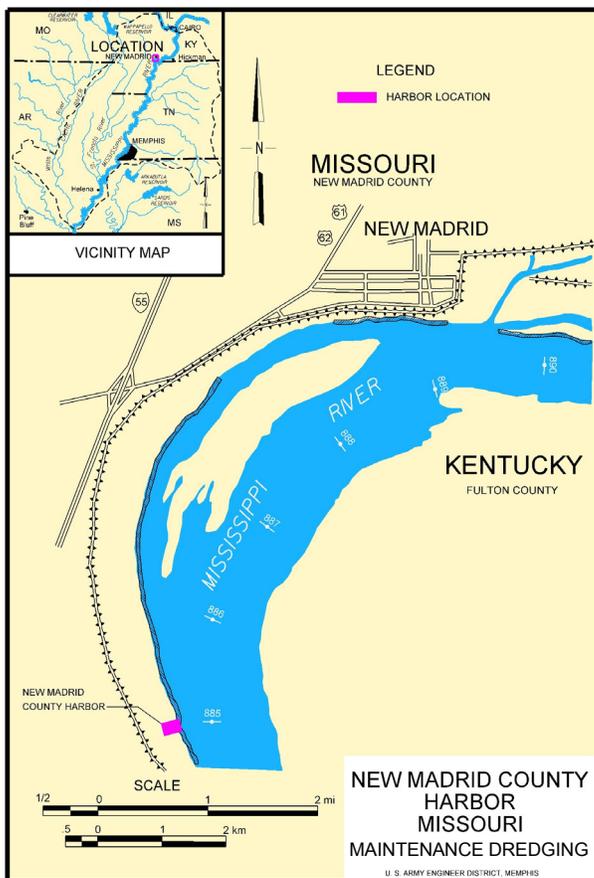
Memphis District Point of Contact:

Name: Larry Sharpe

Phone: 901-544- 3476

E-mail address: Larry.A.Sharpe@usace.army.mil

As of: 22 February 2010



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 2010 E&W funds (\$396,000) are being used to partially dredge the harbor in the summer of 2010.

Other Information: ARRA funds were used in FY 2009 to fully dredge the harbor and to complete scour repairs around the piers on the southern bank of the harbor in December 2009. Maintenance and funding requirements vary from year to year depending on current harbor conditions and current prices for dredging services, respectively. Maintenance of low-use harbors is not an Administration budget priority.

Project cost: The allocation for FY 2009 was \$251,860 and the anticipated allocation for FY 2010 is \$396,000.

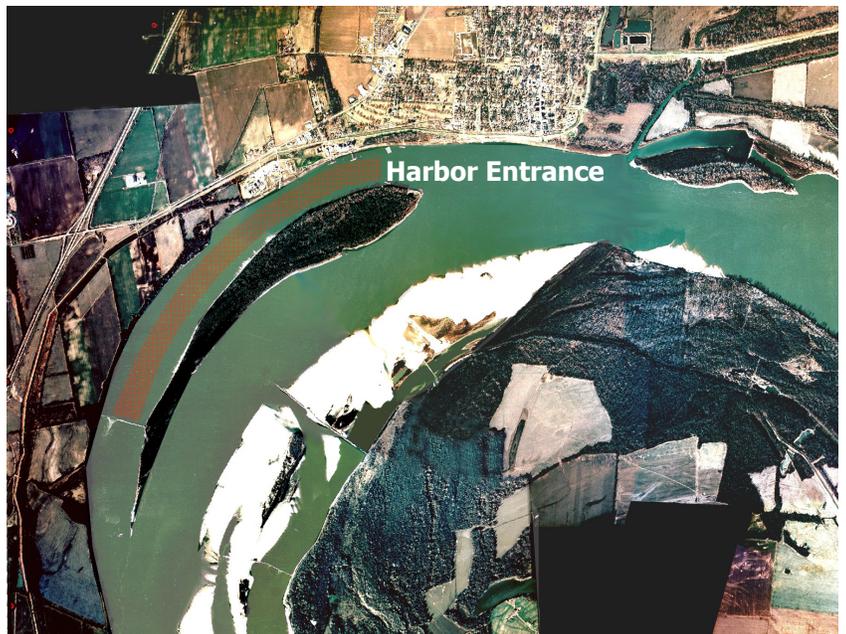
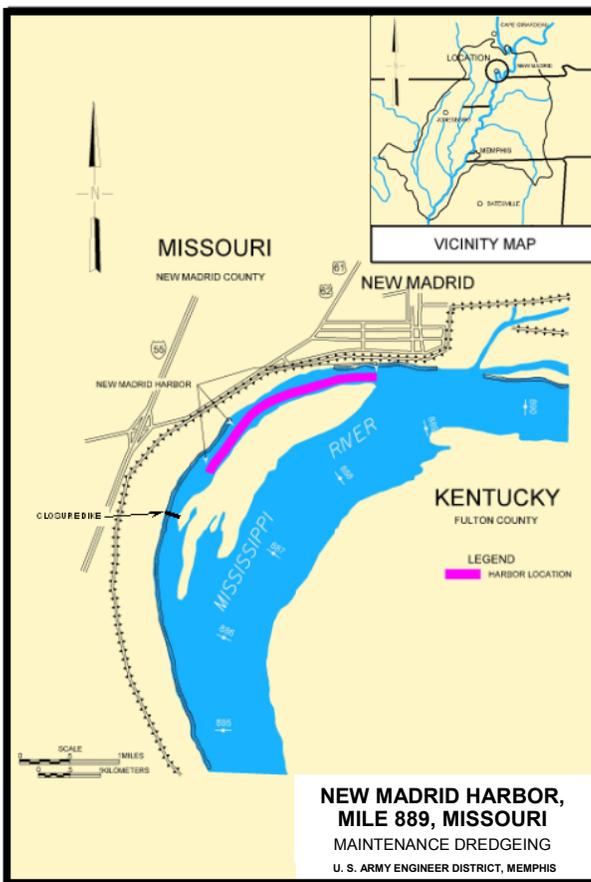
Memphis District POC:

Name: Lawrence Thomas

Phone: 901-544-0887

E-mail address: Lawrence.W.Thomas@usace.army.mil

As of: 23 February 2010



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 2010 E&W funds are being used to fully dredge the harbor in summer 2010.

Other Information: ARRA funds were used in FY 2009 to fully dredge this harbor. Maintenance and funding requirements vary from year to year depending on current harbor conditions and current prices for dredging services, respectively. Maintenance of low-use harbors is not an Administration budget priority.

Project cost: The allocation for FY 2009 was \$138,180 and the anticipated allocation for FY 2010 is \$237,600.

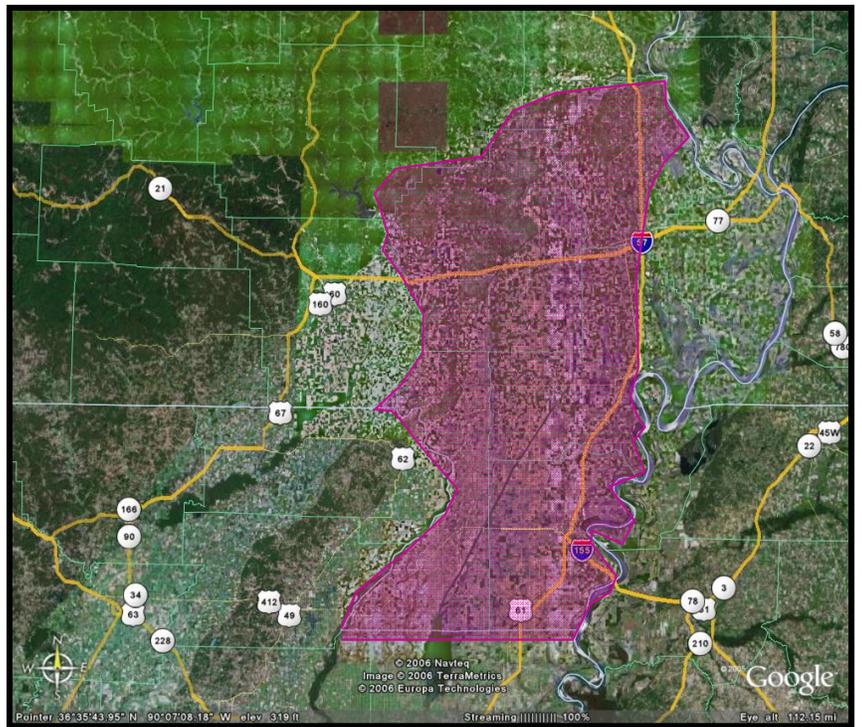
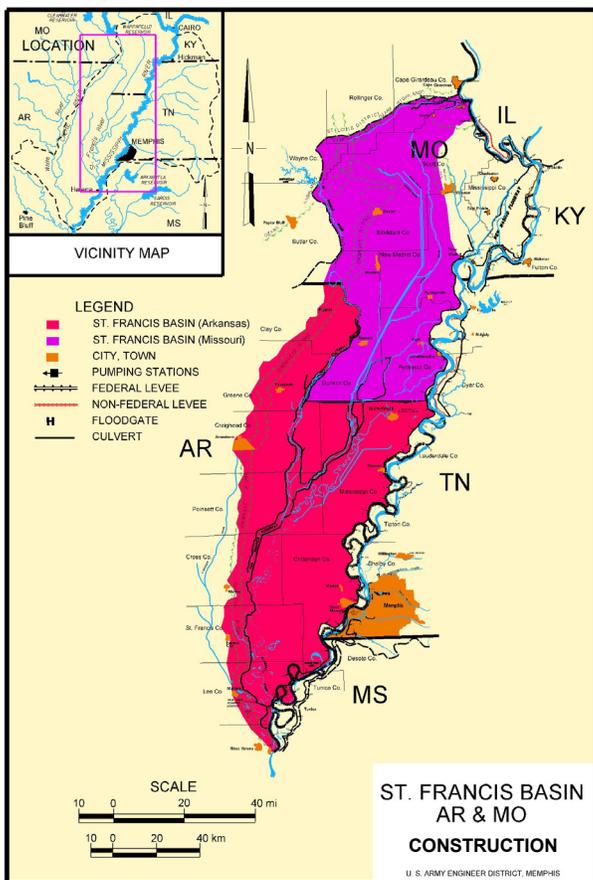
Memphis District POC:

Name: Lawrence Thomas

Phone: 901-544-0887

E-mail address: Lawrence.W.Thomas@usace.army.mil

As of: 22 February 2010



Project Name: St. Francis Basin, Arkansas and Missouri

Authority: Flood Control Acts of 1928, 1936, 1938, 1941, 1944, 1946, 1950, 1958, 1965, and 1968; Water Resource Development Acts of 1974 and 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: FY 2010 E&W funds (\$3,574,000) are being used to continue engineering, design and construction activities, to include completion of the transfer of mitigation lands to Arkansas Game and Fish and to initiate the study for channel stabilization and sedimentation removal, per WRDA 2007.

Project cost: The estimated cost of the project (design and construction) is \$477,758,000 of which \$475,780,000 is Federal cost and \$1,978,000 is the responsibility of the non-Federal sponsor. The remaining estimated cost is \$60,012,000.

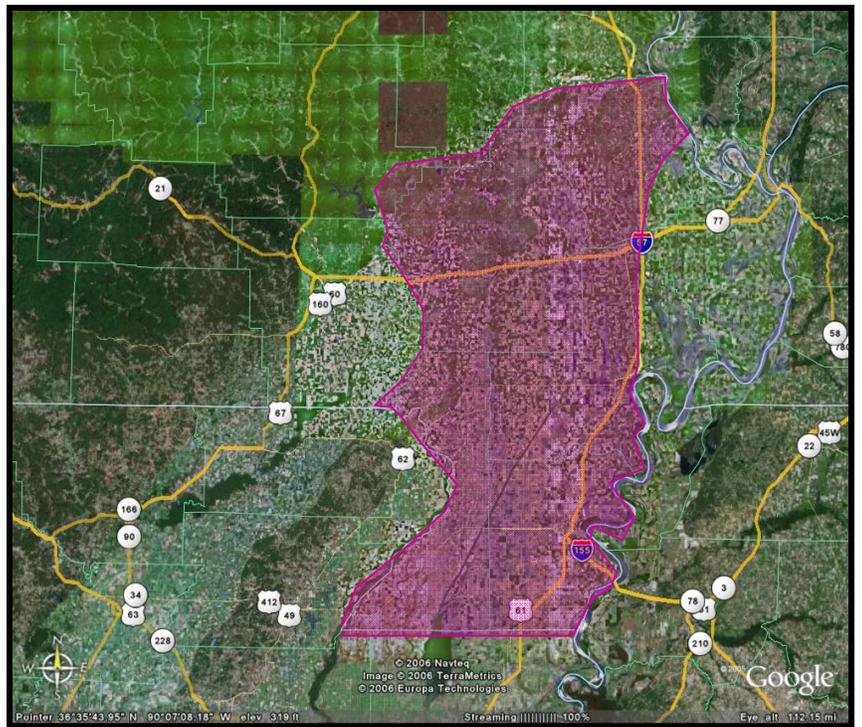
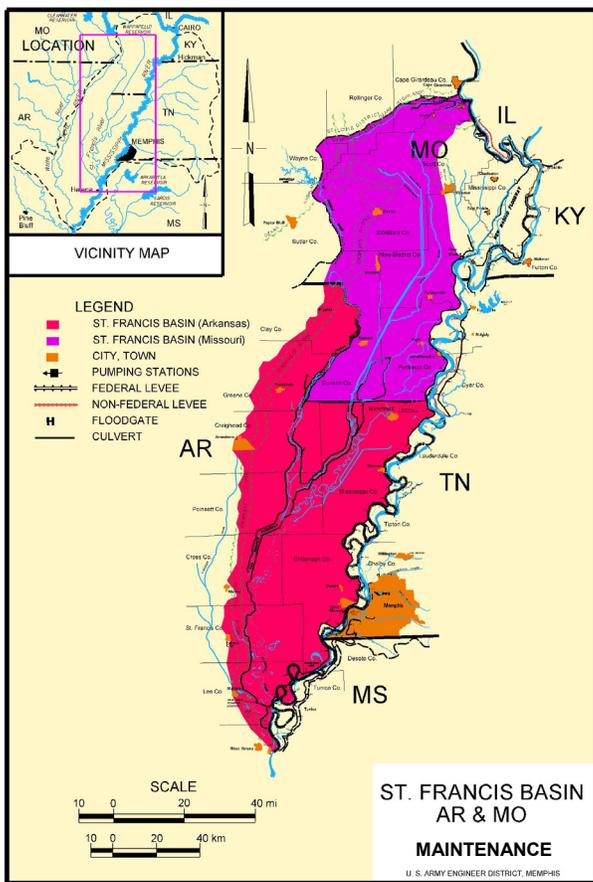
Memphis District POC:

Name: Dewey Powell

Phone: 901-544-3940

E-mail address: Dewey.L.Powell@usace.army.mil

As of: 22 March 2010



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 Arkansas 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: ARRA funds were used in FY 2009 for channel cleanouts at Ditch 9 & 281, MO; grade control at Powe, MO; replace culvert at West Basin Levee, MO and levee resurfacing and surveys at various locations in AR and MO.

Project cost: The allocation for FY 2008 was \$9,840,000 and the anticipated allocation for FY 2009 is \$7,856,000.

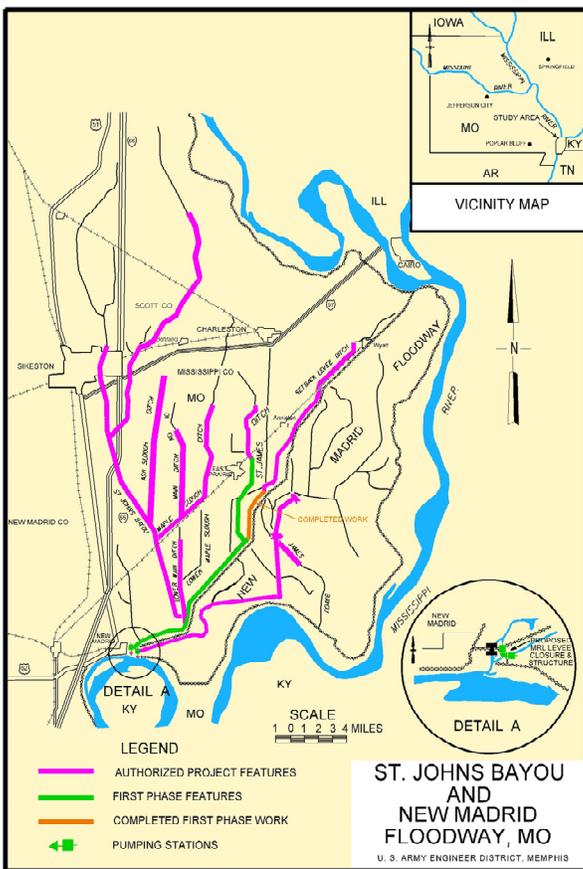
Memphis District POC:

Name: Lawrence Thomas

Phone: 901-544-0887

E-mail address: Lawrence.W.Thomas@usace.army.mil

As of: 25 February 2010



New Madrid, MO Pump

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. The First Phase project has a benefit-cost ratio of 1.3 to one, with average annual benefits of \$5,016,000. St. John Levee and Drainage District is the cost-sharing sponsor.

Status: Prior year funds and FY 2010 E&W funds for the St. Johns project are being used to continue NEPA studies. The first of four phases of Independent External Peer Review (IEPR) has been completed which contained 28 recommendations. USACE is completing a Project Work Plan that outlines the methodologies that will be followed to complete NEPA analysis. This work plan will be submitted for the second phase of IEPR. Results of the second phase of IEPR are due to be submitted during the spring 2010. Following Phase 2 IEPR, additional hydrological, environmental, and economic analysis will be initiated.

Other Information USACE is restoring the closure levee construction site back to pre-construction conditions to comply with the U.S. District's Court Order. Restoration is scheduled to be completed by September 2010. Phase 2 Closure of the New Madrid Floodway, mitigation land acquisition and NEPA studies are features of the Mississippi River Levees project.

Project cost: The estimated cost of the project \$72,563,000 construction (Phase 1 Costs only) of which \$54,891,000 is Federal cost and \$17,672,000 is the responsibility of the non-Federal sponsor. The estimated cost for Phase 2 is \$86,000,000 Federal cost.

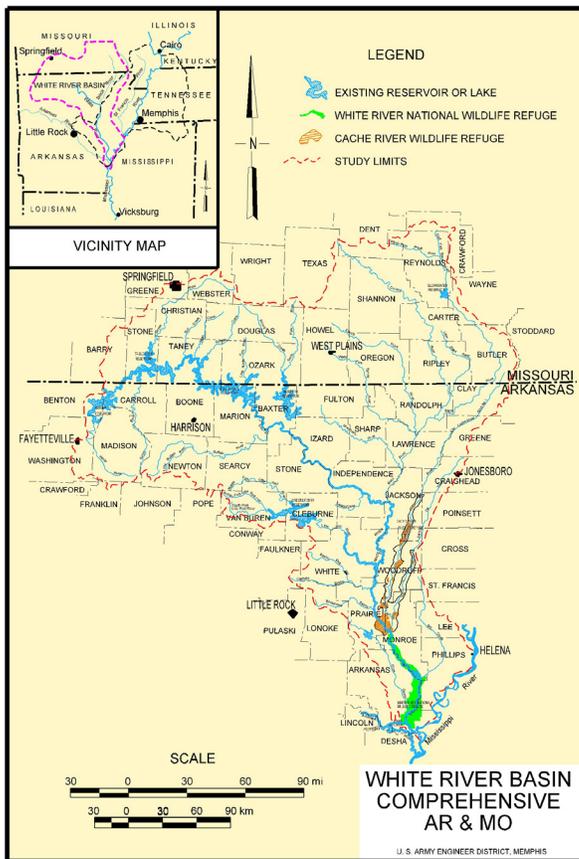
Memphis District POC:

Name: Larry Sharpe

Phone: 901-544-3476

E-mail address: Larry.A.Sharpe@usace.army.mil

As of: 25 February 2010



Bull Shoals Dam



Table Rock Lake, MO

Study Name: White River Basin Comprehensive, Arkansas & Missouri

Authority: Water Resource Development Act (WRDA) of 1986, 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 the AR Natural Resources Commission, AR Game and Fish Commission, Arkansas Natural Heritage Commission, Arkansas Waterways Commission, Missouri Department of Conservation, Missouri Department of Natural Resources, and The Nature Conservancy.

Status: FY 2010 Available funds are being used to continue study activities in Arkansas and Missouri, such as the Hydraulic & Sedimentation Study in the upper Cache River Basin (AR), the Geometric Study of the Unsteady Flow Model (MO/AR), and initiate activities to research impacts of hydrologic and geomorphic changes on vegetation communities of the White River Basin (AR).

Other Information: The last interagency meeting with the cost-sharing sponsors was held in Springfield, Missouri, on 14-15 May 2009. The next interagency meeting is scheduled for the spring of 2010. The Feasibility Cost Share Agreement was amended 6 April 2009 to reflect new cost share requirements as a result of WRDA 2007.

Study cost: The estimated cost of the study is \$8,600,000 of which \$6,450,000 is Federal cost and \$2,150,000 is the responsibility of the non-Federal sponsor.

Memphis District POC:

Name: Jason Allmon

Phone: 901-544-0766

E-mail address: Jason.E.Allmon@usace.army.mil

As of: 10 March 2010