

**ARMY CIVIL WORKS PROGRAM
FY 2017 WORK PLAN - MISSISSIPPI RIVER TRIBUTARIES**

STATE	DIVISION	PROGRAM NAME	FY 2017 EXPLANATORY STATEMENT	ADDITIONAL WORK PLAN AMOUNT	TOTAL FY 2017 ALLOCATION	LINE ITEM OF ADDITIONAL FUNDING 1/	SUMMARY OF WORK TO BE ACCOMPLISHED WITH TOTAL FY 2017 ALLOCATION
Investigations							
XX	MVD	COLLECTION AND STUDY OF BASIC DATA	7,000,000		7,000,000		Complete report preparation, Agency Technical Review, Independent External Peer Review, and the coordination of findings of the Reevaluation Study of the Mississippi River and Tributaries project with the Mississippi River Commission. Continue the collection of essential basic data, preserve historical data files, reports, and maps, digitize the information for future reference, and continue conducting geomorphic and potamology assessments
Construction							
AR	MVD	BAYOU METO BASIN, AR		12,000,000	12,000,000	3	Construct Canal 1000 Phase 3 Hwy. 161 to Indian Bayou (\$11,032,000); Construction management (\$968,000)
AR	MVD	CHANNEL IMPROVEMENT, (REVETMENT), AR, IL, KY, LA, MS, MO & TN	36,669,000	12,572,000	49,241,000	2	Construction of Revetments (\$33,643,000); Construction Management (\$1,050,000); Planning, Engineering, and Design (\$6,138,000); Lands and Damages (\$155,000); Cultural Resources (\$105,000); Complete Planning and Design of the Mat Sinking Unit replacement (\$8,150,000)
AR	MVD	CHANNEL IMPROVEMENT, (DIKES), AR, IL, KY, LA, MS, MO & TN	3,100,000	7,681,000	10,781,000	3	Construction Management (\$650,000); Planning, Engineering, and Design (\$2,360,000); Lands and Damages (\$30,000); Cultural Resources (\$60,000); funding construction claim adjustment (\$2,700,000); Dike Construction (\$4,981,000)
AR	MVD	GRAND PRAIRIE REGION, AR		1,230,000	1,230,000	3	Perform construction management of previously awarded contracts
AR	MVD	MISSISSIPPI RIVER LEVEES, AR, IL, KY, LA, MS, MO & TN	21,600,000	22,433,000	44,033,000	2	Construction Management (\$5,000,000); Planning, Engineering, and Design (\$8,000,000); Initiate Supplemental EIS Development (\$2,000,000); Continue Lands and Damages (\$1,500,000); Initiate and complete Baton Rouge, Phase IV (\$5,100,000); Construction contracts for Elkridge, LA, Levee Enlarge & Berms, Phase I, Leland-Vaucluse, AR, Levee Enlarge & Berms, Magna Vista-Brunswick, MS Paving, 546-R Seepage Control, (Gaines Landing) (\$22,433,000)
LA	MVD	ATCHAFALAYA BASIN, FLOODWAY SYSTEM, LA	400,000	200,000	600,000	3	Planning, Engineering, and Design (\$350,000); Easement Acquisition (\$50,000); Project monitoring (\$200,000)
LA	MVD	ATCHAFALAYA BASIN, LA	2,505,000	8,100,000	10,605,000	2	Planning, Engineering, and Design (\$2,505,000); construct North Bend phase B (\$8,100,000)
LA	MVD	MISSISSIPPI DELTA REGION, LA		4,882,304	4,882,304	2	Reimburse non-Federal sponsor and fiscally close out project
MS	MVD	YAZOO BASIN - DELTA HEADWATERS PROJECT, MS		8,250,000	8,250,000	3	Construction of Bank Stabilization and erosion control and Riser pump and low drop structures (\$8,250,000)
MS	MVD	YAZOO BASIN - UPPER YAZOO PROJECTS, MS		11,000,000	11,000,000	2	Construction of Section 7C, Phase 2B (\$10,250,000); Construction E&D (\$275,000); Design of Chute Bridge Structure (\$75,000); Engineer Evaluation of Lamb-Fish Bridge Channel (\$100,000); Economic Update (\$300,000)
MS	MVD	YAZOO BASIN, BIG SUNFLOWER RIVER, MS		2,450,000	2,450,000	2	Economic Update (\$300,000); Complete Design Phase 4 Sediment Control Structures (\$400,000); Complete Construction of Sediment Control Structures (\$1,750,000)
MS	MVD	YAZOO BASIN, YAZOO BACKWATER AREA, MS		6,000,000	6,000,000	2	Purchase Mitigation Lands (\$6,000,000)
Operation and Maintenance							
AR	MVD	CHANNEL IMPROVEMENT, (DIKES), AR, IL, KY, LA, MS, MO & TN	2,515,000		2,515,000		Maintenance of Mississippi River dikes, major and minor repairs, stone repairs, contract and associated E&D and S&A
AR	MVD	CHANNEL IMPROVEMENT, (DREDGING), AR, IL, KY, LA, MS, MO & TN	15,370,000	1,757,000	17,127,000	1	Perform Dredging (\$14,312,000); Surveys, water quality analysis, and water management control (\$2,775,000); Perform reconnaissance surveys for Shallow Draft Crossings (\$40,000)
AR	MVD	CHANNEL IMPROVEMENT, (REVETMENTS), AR, IL, KY, LA, MS, MO & TN	45,605,000	12,819,000	58,424,000	2	Plaquemine Bend Revetment (\$8,628,000); Greenville Bend Revetment (\$3,027,000); Algiers Revetment (\$4,067,000); E&D, centralized activities, S&A, and real estate for all the Channel Improvement revetment and stone repair sites (\$11,350,000); Repair the existing revetment sinking and grading effort at Tropical Bend (\$3,833,000); Plan, Design, and Repair Existing Articulated Concrete Mat Revetment (\$6,200,000); Articulated Concrete Mat Sinking - Merriwether-Cherokee, TN (\$4,000,000); Articulated Concrete Mat Sinking - Cow Island, AR (\$4,500,000); Bank Stabilization and Stone Revetment Repair (\$12,819,000)
AR	MVD	HELENA HARBOR, PHILLIPS COUNTY, AR	15,000	700,000	715,000	1	Conduct surveys of the navigation channel (\$15,000); Maintenance dredging Helena Harbor Channel Entrance (\$700,000)
AR	MVD	INSPECTION OF COMPLETED WORKS, AR	532,000	25,000	557,000	2	Perform inspections of 3 pumping stations, 1 floodwall, 612 miles of levee and associated structures; Process 408 permit applications on federally constructed levees
AR	MVD	LOWER ARKANSAS RIVER, NORTH BANK, AR	294,000		294,000		Levee slide repairs (\$223,000); Gravel surfacing (\$71,000)
AR	MVD	LOWER ARKANSAS RIVER, SOUTH BANK, AR	198,000		198,000		Levee slide repairs and gravel surfacing (\$150,000); Conduct Water Control/Quality analysis and data collection (\$48,000)
AR	MVD	MISSISSIPPI RIVER LEVEES, AR, IL, KY, LA, MS, MO & TN	9,794,400	1,885,000	12,404,400	2	Resurface Levee Crown Roadway (\$1.085 million); Procure and place Levee Surfacing materials on levees (\$650,000); Structure Repairs (\$115,000); Relief Well Testing and Maintenance (\$35,000)
AR	MVD	MISSISSIPPI RIVER LEVEES, AR, IL, KY, LA, MS, MO & TN		725,000		3	Operation of the Jesse Brent Lower Mississippi River Museum (\$275,000); Maintenance of Alligator Complex Mitigation Area (\$400,000); Painting of Motor Vessel Mississippi IV (Jesse Brent Lower Mississippi River Museum Exhibit) (\$75,000)
AR	MVD	TENSAS BASIN, BOEUF AND TENSAS RIVERS, AR & LA	2,579,000	300,000	2,879,000	2	Operation and maintenance of Lake Chicot Pumping Plant (\$1,884,000); Replace Big Bayou Weir (\$695,000); Lake Chicot Pump Plant Roof Repair (\$300,000)
AR	MVD	WHITE RIVER BACKWATER, AR	1,000,000		1,000,000		Operate and maintain Graham Burke Pumping Station and the White River Backwater levee system
IL	MVD	INSPECTION OF COMPLETED WORKS, IL	38,000		38,000		Perform inspections of 3 pumping stations, 2 floodwalls, 22 miles of levee and associated structures; Process 408 permit applications on federally constructed levees
KY	MVD	INSPECTION OF COMPLETED WORKS, KY	28,000		28,000		Perform inspections of 1 pumping station, 1 floodwall, 28 miles of levee and associated structures; Process 408 permit applications on federally constructed levees
LA	MVD	ATCHAFALAYA BASIN, FLOODWAY SYSTEM, LA	1,692,000	220,000	1,912,000	3	Provide Wildlife and Habitat Management on fee-owned lands (\$392,000); Provide management of Special Status Species (\$20,000); Provide Pest and Invasive Species Management (\$120,000); Initiate work on NEPA compliance for master plan (\$75,000); Perform easement inspections (\$300,000); Monitor flowage easements throughout Atchafalaya Basin (\$56,000); Provide recreation services at the floodway (\$557,000); Manage property for visitor assistance and maintenance of public access lands (\$172,000); Project Boundary Inspections and Marker Maintenance (\$220,000)

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LA	MVD	ATCHAFALAYA BASIN, LA	12,898,300		12,898,300		Operations of Bayou Bouef, Bayou Sorrel and Berwick (\$4,378,000); Dredge Tidewater point, Berwick Bay Harbor, Berwick Lock and Three Rivers (contract, S&A, E&D) (\$4,250,000); Lock maintenance and repairs (\$1,291,000); Operate and maintain East & West Calumet and Charenton floodgates (\$1,000,000); Maintenance of St Mary Parish Pumping Stations and Surveys (\$400,000); Revetment Surveys for Atchafalaya River (\$290,000); Levee Slide Repairs (\$250,000); Sustainability Energy Savings (Bayou Sorrel Lock, Bayou Beouf Lock, Berwick Lock) (\$175,320); Periodic inspection, environmental compliance, studies, surveys, real estate (\$864,000)
LA	MVD	BATON ROUGE HARBOR, DEVIL SWAMP, LA	55,000	200,000	255,000	1	Engineering, design, and surveys for dredging (\$55,000); Devils Swamp Dredging (\$200,000)
LA	MVD	BAYOU COCODRIE AND TRIBUTARIES, LA	48,000		48,000		Collect, analyze, manage, store, and disseminate data for water level gages (\$46,000); Purchase new or replacement hardware, software and equipment (\$2,000)
LA	MVD	BONNET CARRE, LA	2,331,000	1,850,000	4,181,000	3	Operate and maintain Bonnet Carre Spillway (\$1,007,000); Manage and maintain natural resources including bottomland hard and swamp reforestation, pest and invasive species management, (\$176,000); Create new parking areas and re-open North Main Road (\$125,000); Operation of Water Data Control Systems to collect, store and disseminate data from water level gage (\$100,000); Purchase replacement maintenance equipment for Bonnet Carre Spillway (\$99,000); Real estate management (\$115,000); Recreation services (\$409,000); Ranger/Interpretive Center (\$300,000); Section 110 National Historic Preservation Act Activities (\$59,000); Ranger Office Energy Efficiency Improvements & Project Boundary Marking (\$1,850,000)
LA	MVD	INSPECTION OF COMPLETED WORKS, LA	1,106,000	972,000	2,078,000	2	Inspections and levee screenings of 1,323 miles of levees, 2,092 miles of channels, 226 drainage structures, 12 pumping stations & 75 weirs; Process 408 permit applications on federally constructed levees
LA	MVD	LOWER RED RIVER, SOUTH BANK LEVEES, LA	498,000		498,000		Levee slide repairs and gravel surfacing
LA	MVD	MISSISSIPPI DELTA REGION, LA	496,000	1,675,000	2,171,000	2	Operate and maintain Caernarvon Freshwater Diversion Structure (\$200,000) and the Davis Pond Freshwater Diversion Structures (\$296,000); Reimbursement for Federal Share of Operation of the Diversion Structure (\$1,675,000)
LA	MVD	OLD RIVER, LA	8,086,300	85,000	10,791,300	1	Operation and maintenance of Low Sill, Overbank, & Auxiliary Flood Control Structure (\$2,487,000); Operate and maintain Old River Lock (\$1,750,000); Collect, analyze, manage, store, and disseminate data for water level gages (\$1,400,000); Dredge Old River Lock Forebay and Tailbay (\$1,000,000); Surveys, periodic inspections and reports, data and instrumentation, and real estate management (\$629,000); Repair Gantry Crane at Low Sill Structure (\$408,000); Management of wildlife and critical habitat on fee-owned lands in Old River, LA (\$169,000); Recreation services at the Old River Lock campground (\$157,000); Sustainability and energy savings (\$21,300); Install Pile Cluster at Knox Landing (\$125,000); Maintain Water Control Data System (\$25,000)
LA	MVD	OLD RIVER, LA		2,620,000		3	Refurbish Tainter Valves (\$1 million); Refurbish Mooring Bits (\$500,000); Design New Lowering Carriage Machinery (\$500,000); Drainage Culvert Replacement (\$300,000); Replace Crane Cable (\$250,000); Recreation services (\$70,000)
LA	MVD	TENSAS BASIN, RED RIVER BACKWATER, LA	3,345,000		3,345,000		Operation and Maintenance of Tensas Cocodrie and Red River Backwater levees, including electricity and diesel for pumping stations, levee slide repairs, gravel surfacing for levees (\$2,473,000); Site Security (\$872,000)
MO	MVD	INSPECTION OF COMPLETED WORKS, MO	237,000		237,000		Perform inspections of 1 pumping station, 1 floodwall, 302 miles of levee and associated structures; Process 408 permit applications on federally constructed levees
MO	MVD	ST FRANCIS BASIN, AR & MO	5,900,000	1,150,000	7,050,000	2	Operate (\$4,700,000) and maintain (\$1,200,000) pump stations; Pump station, Channel and Bank Armoring Maintenance (\$1,150,000)
MO	MVD	WAPPAPELLO LAKE, MO	4,912,000	5,481,696	14,063,696	2	Recreation services (\$2,322,000); Operate and maintain Dam, Gatehouse, Admin, Dikes (\$1,843,000); Environmental stewardship (\$652,000); Periodic inspection (\$95,000); Project Facilities Maintenance, Water Control Gage Maintenance; Security System Upgrade (\$5,481,696)
MO	MVD	WAPPAPELLO LAKE, MO		3,670,000		3	Project Recreation Facilities Maintenance (\$3,620,000), Master Plan Update (\$50,000)
MS	MVD	GREENVILLE HARBOR, MS	24,000	576,000	600,000	1	Conduct surveys of the navigation project (\$24,000); Perform Annual Maintenance Dredging (\$576,000)
MS	MVD	INSPECTION OF COMPLETED WORKS, MS	67,000	25,000	92,000	2	Perform inspections of 98 miles of levee and associated structures; Process 408 permit applications on federally constructed levees
MS	MVD	VICKSBURG HARBOR, MS	42,000	150,000	192,000	1	Conduct surveys of the navigation project (\$42,000); Perform Annual Maintenance Dredging (\$150,000)
MS	MVD	YAZOO BASIN, ARKABUTLA LAKE, MS	5,483,000	212,000	6,330,000	2	Operate and maintain Dam and Structures (\$2,916,000); Recreation services (\$1,895,000); Environmental stewardship (\$672,000); Outlet Works Conduit Repairs (\$212,000)
MS	MVD	YAZOO BASIN, ARKABUTLA LAKE, MS		635,000		3	Recreation services (\$400,000); Conduct Cultural Resource and Environmental Resource Monitoring (\$235,000)
MS	MVD	YAZOO BASIN, BIG SUNFLOWER RIVER, MS	185,000	100,000	285,000	3	Operate and maintain project (\$168,000); operate and maintain Muscadine Complex (\$17,000); Mitigation Area Maintenance (\$100,000)
MS	MVD	YAZOO BASIN, ENID LAKE, MS	5,024,000	425,000	5,449,000	3	Operate and maintain dam and structures (\$2,438,000); Recreation services (\$1,979,000); Environmental stewardship (\$607,000); Conduct Cultural Resource and Environmental Resource Monitoring (\$425,000)
MS	MVD	YAZOO BASIN, GREENWOOD, MS	807,000		807,000		Conduct management for routine operation and maintenance, including data gathering, analysis, and inspections
MS	MVD	YAZOO BASIN, GRENADA LAKE, MS	5,487,000	600,000	6,752,000	2	Operate and maintain Project Structures (\$2,932,000); Recreation services (\$1,922,000); Environmental stewardship (\$633,000); Complete Upper Berm Construction (\$600,000)
MS	MVD	YAZOO BASIN, GRENADA LAKE, MS		665,000		3	Recreation Facility Maintenance (\$600,000); Establish Pollinator habitat (\$65,000)
MS	MVD	YAZOO BASIN, MAIN STEM, MS	1,344,000		1,344,000		Conduct management for routine operation and maintenance, including data gathering, analysis, and inspections (\$1,179,000); Operate and maintain the Muscadine Complex, Sky Lake, and Big Twist (\$165,000)
MS	MVD	YAZOO BASIN, SARDIS LAKE, MS	6,668,000	629,000	7,297,000	3	Operate and maintain dam and structures (\$3,653,000); Recreation services (\$2,292,000); Environmental stewardship (\$723,000); Recreation Site Management (\$400,000); Cultural Resource and Project Boundary Management (\$229,000)
MS	MVD	YAZOO BASIN, TRIBUTARIES, MS	967,000		967,000		Operate and maintain project, including levee slide repairs
MS	MVD	YAZOO BASIN, WILL M WHITTINGTON AUX CHAN, MS	384,000		384,000		Operate and maintain project, including levee slide repairs (\$291,000); Conduct real estate management, water quality and water control data gathering activities, and inspections (\$93,000)

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MS	MVD	YAZOO BASIN, YAZOO BACKWATER AREA, MS	544,000	2,500,000	3,144,000	2	Operate and maintain the levee system and seven structures (\$544,000); Project gate maintenance and Replacement (\$2,500,000)
MS	MVD	YAZOO BASIN, YAZOO BACKWATER AREA, MS		100,000		3	Mitigation Area Maintenance
MS	MVD	YAZOO BASIN, YAZOO CITY, MS	731,000		731,000		Operate and maintain project, including levees, channels, and Yazoo City Pumping Plant (\$554,000); Conduct real estate management, water quality and water control analysis, and inspections (\$177,000)
TN	MVD	INSPECTION OF COMPLETED WORKS, TN	47,000	40,000	87,000	2	Perform inspections of 1 pumping station, 54 miles of levee and associated structures; Process 408 permit applications on federally constructed levees
TN	MVD	MEMPHIS HARBOR, MCKELLAR LAKE, TN	2,132,000	500,000	2,632,000	1	Perform surveys and dredging
XX	MVD	MAPPING	1,127,000		1,127,000		Perform mapping activities including collection of funds for the sales of maps, publications, historical photos, aerial photography and other materials on rivers and harbor, and flood control infrastructure on the Mississippi River and Tributaries
		GRAND TOTAL	221,910,000	140,090,000	362,000,000		

	Additional Funding
DREDGING	3,968,000
FLOOD CONTROL	95,122,000
OTHER AUTHORIZED PROJECT PURPOSES	41,000,000