



**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
AK	POD	NHD	ANCHORAGE HARBOR, AK	\$7,000,000		\$7,000,000		Funds are being used to award a contract, maintenance dredge approximately 1.2 million cubic yards of glacial silts and sands, perform contract and environmental oversight, and survey.	
AK	POD	ENS, FDRR, REC	CHENA RIVER LAKES, AK	\$8,038,000		\$8,038,000		Funds are being used for routine project operations and maintenance through existing service contracts for floodway, structure and equipment maintenance, visitor center operation, removal of flood debris and vegetation management. An annual emergency action plan exercise, dam inspection, relief well improvements and the purchase of a replacement project crane will be completed. Routine management of the non-leased recreation lands will include a law enforcement agreement, environmental compliance and stewardship activities.	
AK	POD	NHD	CHIGNIK HARBOR, AK	\$150,000		\$150,000		Funds are being used to complete environmental documentation and continue engineering and design to cap the failing sections of both rubble mound breakwaters with armor stone.	
AK	POD	NHS	DILLINGHAM HARBOR, AK	\$760,000		\$760,000		Funds are being used for continued annual maintenance dredging of approximately 95,000 cubic yards from the harbor and entrance channel and for environmental coordination.	
AK	POD	NHS	DOUGLAS HARBOR, AK	\$300,000		\$300,000		Funds are being used for physical and chemical monitoring of contaminated material caps in Douglas Harbor and at the in-water placement site in Gastineau Channel. Monitoring is required in accordance with the Environmental Protection Agency approved plan.	
AK	POD	NHS	ELFIN COVE, AK	\$0	\$25,000	\$25,000	4		Funds will be used for environmental coordination for dredging.
AK	POD	NHD	HOMER HARBOR, AK	\$600,000		\$600,000		Funds are being used to perform annual maintenance dredging of approximately 8,500 cubic yards from the harbor entrance channel.	
AK	POD	FDRR	INSPECTION OF COMPLETED WORKS, AK	\$200,000		\$200,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
AK	POD	NHS	NINILCHIK HARBOR, AK	\$550,000		\$550,000		Funds are being used to perform annual maintenance dredging of approximately 11,000 cubic yards from the basin and entrance channel.	
AK	POD	NHD	NOME HARBOR, AK	\$1,865,000		\$1,865,000		Funds are being used to solicit and award a new 3-year maintenance dredging contract and for dredging of approximately 60,000 cubic yards of sand and gravel from the inner harbor and east sediment collection basin.	
AK	POD	NOTH	PROJECT CONDITION SURVEYS, AK	\$750,000		\$750,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
AL	SAD	ENS, FDRR, HYD, JOINT, REC	ALABAMA RIVER LAKES, AL	\$15,392,000	\$800,000	\$16,292,000	3	Funds are being used for routine operations and maintenance in support of the multi-purpose project. Non-routine activities include updates to the Weiss and Logan Martin water control manual appendices and installation of switchgear at Miller's Ferry. Sustainability activities include replacement of outdoor lighting at Claiborne and purchase and installation of a standard meter to measure electrical energy at a facility.	Funds will be used to replace microwave link from Millers Ferry Powerhouse to Claiborne Lock.
AL	SAD	NIL	ALABAMA RIVER LAKES, AL		\$100,000		5		Funds will be used for efficiency improvements and pest and invasive species management.
AL	SAD	NHD	BAYOU LA BATRE, AL	\$0	\$2,000,000	\$2,000,000	2		Funds will be used for maintenance dredging.
AL	SAD	ENS, NIH, REC	BLACK WARRIOR AND TOMBIGBEE RIVERS, AL	\$27,217,000	\$278,000	\$27,495,000	5	Funds are being used for routine operations and maintenance in support of navigation, recreation, and environmental stewardship. Non-routine activities includes Historical Properties Plan (\$60,000), installation of Holt Lock Gates (\$2,975,000), maintenance at recreation areas (\$158,000), and Geospatial land data migration work (\$526,000).	Funds will be used for pest and invasive species management and efficiency improvements.
AL	SAD	NHS	DAUPHIN ISLAND BAY, AL	\$0	\$2,300,000	\$2,300,000	4		Funds will be used for maintenance dredging.
AL	SAD	NIH	GULF INTRACOASTAL WATERWAY, AL	\$6,534,000		\$6,534,000		Funds are being used for routine operation and maintenance in support of navigation.	
AL	SAD	FDRR	INSPECTION OF COMPLETED WORKS, AL	\$210,000		\$210,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
AL	SAD	NHD	MOBILE HARBOR, AL	\$24,450,000	\$5,650,000	\$34,060,000	2	Funds are being used for routine operations and maintenance in support of navigation.	Funds will be used for maintenance dredging, weir box maintenance, and upland disposal area haul out.
AL	SAD	NHD	MOBILE HARBOR, AL		\$3,960,000		6		Donor and Energy Transfer Port
AL	SAD	NHS	PERDIDO PASS CHANNEL, AL	\$0	\$2,000,000	\$2,000,000	4		Funds will be used for maintenance dredging.
AL	SAD	NOTH	PROJECT CONDITION SURVEYS, AL	\$149,000		\$149,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
AL	SAD	FDRR	SCHEDULING RESERVOIR OPERATIONS, AL	\$83,000		\$83,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
AL	SAD	NIH	TENNESSEE - TOMBIGBEE WATERWAY WILDLIFE MITIGATION, AL & MS	\$1,751,000		\$1,751,000		Funds are being used to perform routine operations.	
AL	SAD	ENS, NIH, REC	TENNESSEE - TOMBIGBEE WATERWAY, AL & MS	\$29,499,000	\$125,000	\$29,624,000	5	Funds are being used for routine O&M. Non-routine work includes Geospatial Land Data Migration (\$546,000), update of the water control manual (\$70,000), and replacing wood stair-stepped retaining walls at Piney Grove Campground (\$100,000).	Funds will be used for wildlife and habitat management.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
AL	SAD	ENS, HYD, JOINT, NIL, REC	WALTER F GEORGE LOCK AND DAM, AL & GA	\$9,653,000	\$25,000	\$9,678,000	5	Funds are being used for routine operations and maintenance. Non-routine work includes completing the Master Plan Update (\$500,000) and Geospatial Land Data Mapping (\$446,000).	Funds will be used for accessibility improvements.
AL	SAD	NOTH	WATER/ENVIRONMENTAL CERTIFICATION, AL	\$80,000		\$80,000		Funds are being used for miscellaneous consultation and environmental data calls on small projects throughout Alabama.	
AR	SWD	ENS, FD RR, HYD, JOINT, REC, WTR	BEAVER LAKE, AR	\$8,907,000	\$255,000	\$9,162,000	5	Funds are being used for scheduled operation and maintenance activities, to update the Beaver Lake Shoreline Management Plan, replace the power plant sewage system, and replace power house lighting fixtures.	Funds will be used for a sedimentation resurvey.
AR	MVD	ENS, FD RR, HYD, JOINT, REC, WTR	BLAKELY MT DAM, LAKE OUACHITA, AR	\$7,803,000	\$35,000	\$7,838,000	5	Funds are being used for routine operation and maintenance, including inspections and water control data collection; hydropower facilities, including rehab of the crane controls; recreation facilities; monitoring and surveying wildlife and updating Lake Ouachita Master Plan; and coordination of new water supply agreements.	Funds will be used for modernization of recreational features.
AR	SWD	ENS, FD RR, REC, WTR	BLUE MOUNTAIN LAKE, AR	\$1,883,000		\$1,883,000		Funds are being used for scheduled operation and maintenance activities.	
AR	SWD	ENS, FD RR, HYD, JOINT, REC, WTR	BULL SHOALS LAKE, AR	\$11,427,000		\$11,427,000		Funds are being used for scheduled operation and maintenance activities, to repair Conduit No. 2 (Monolith 21) and service sluice gates, rehabilitate main unit sump pump, and replace worn security fencing and lighting.	
AR	MVD	ENS, FD RR, HYD, JOINT, NIL, REC	DEGRAY LAKE, AR	\$7,060,000	\$15,000	\$7,075,000	5	Funds are being used for routine operation and maintenance.	Funds will be used to coordinate new water supply agreements.
AR	SWD	ENS, FD RR, REC, WTR	DEQUEEN LAKE, AR	\$1,708,000		\$1,708,000		Funds are being used for scheduled operation and maintenance activities.	
AR	SWD	ENS, FD RR, REC, WTR	DIERKS LAKE, AR	\$1,778,000		\$1,778,000		Funds are being used for scheduled operation and maintenance activities and to install a manhole for access to toe drain.	
AR	SWD	ENS, FD RR, REC, WTR	GILLHAM LAKE, AR	\$1,527,000		\$1,527,000		Funds are being used for scheduled operation and maintenance activities.	
AR	SWD	ENS, FD RR, HYD, JOINT, REC, WTR	GREERS FERRY LAKE, AR	\$8,016,000		\$8,016,000		Funds are being used for scheduled O&M activities, to complete the Greers Ferry Lake Master Plan, update arc flash analysis, and conduct a power review.	
AR	MVD	NHS	HELENA HARBOR, PHILLIPS COUNTY, AR	\$15,000	\$500,000	\$515,000	1	Funds are being used to dredge the harbor channel and conduct channel surveys.	Funds will be used for maintenance dredging.
AR	MVD	FD RR	INSPECTION OF COMPLETED WORKS, AR	\$458,000		\$458,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
AR	SWD	ENS, FD RR, HYD, JOINT, NIL, REC, WTR	MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, AR	\$47,467,000	\$1,600,000	\$49,067,000	3	Funds are being used for scheduled O&M activities, channel dredging (MKARNS, Ozark-Jeta Taylor, and Dardanelle), to replace external lighting, windows, and water heaters at Pine Bluff Marine Terminal, repair stoplog centerpost receivers at Murray Lock and Dam (L&D), rehabilitate shore power at Norrell, Mills, and Hardin L&D, repair and paint tainter gates at Mills Dam; repair and paint tainter gates at Ozark Dam, , rehabilitate shore power at Sanders, Maynard, and Terry L&D, and repair Toad Suck Bridge.	Funds will be used to replace hydraulic, air & water piping at Hardin, Sanders, Maynard, Terry Locks & Dams.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
AR	SWD	ENS, FDRR, REC, WTR	MILLWOOD LAKE, AR	\$7,362,000	\$1,600,000	\$8,962,000	5	Funds are being used for scheduled operation and maintenance activities, to repair slope slides on main dam embankment (Phase II), repair stilling basin floor (Phase I), and continue emergency repairs to Okay Levee.	Funds will be used to repair slope slides on dam embankment.
AR	MVD	ENS, FDRR, HYD, JOINT, REC	NARROWS DAM, LAKE GREESON, AR	\$5,908,000		\$5,908,000		Funds are being used for routine O&M.	
AR	SWD	ENS, FDRR, REC, WTR	NIMROD LAKE, AR	\$2,068,000		\$2,068,000		Funds are being used for routine O&M activities.	
AR	SWD	ENS, FDRR, HYD, JOINT, REC, WTR	NORFORK LAKE, AR	\$9,549,000		\$9,549,000		Funds are being used for routine O&M activities, to rehabilitate station sump system, rehabilitate sluice gates, repair the base of the ogee, repair spalls and falling debris hazard along the dam face (Phase I – Design), and replace roadway median hatch covers.	
AR	MVD	NHS	OSCEOLA HARBOR, AR	\$515,000		\$515,000		Funds are being used for routine operation, maintenance, and limited harbor dredging to authorized channel dimensions.	
AR	MVD	ENS, FDRR, NIL, REC	OUACHITA AND BLACK RIVERS, AR & LA	\$10,548,000		\$10,548,000		Funds are being used to perform minimal dredging, operate and maintain the locks and dams, natural resource management and real estate management.	
AR	MVD	NOTH	PROJECT CONDITION SURVEYS, AR	\$1,000		\$1,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
AR	MVD	NIL	WHITE RIVER, AR	\$25,000		\$25,000		Funds are being used to collect limited navigation channel surveys.	
AR	MVD	NHS	YELLOW BEND PORT, AR	\$115,000		\$115,000		Funds are being used for surveys and for annual maintenance dredging.	
AZ	SPD	ENS, FDRR, REC	ALAMO LAKE, AZ	\$2,027,000		\$2,027,000		Funds are being used for routine operation and maintenance (O&M).	
AZ	SPD	FDRR	INSPECTION OF COMPLETED WORKS, AZ	\$85,000		\$85,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
AZ	SPD	ENS, FDRR	PAINTED ROCK DAM, AZ	\$1,139,000		\$1,139,000		Funds are being used for routine O&M. Funds will also be used for specific work activities including sustainability upgrades for LED lighting (\$50,000)	
AZ	SPD	FDRR	SCHEDULING RESERVOIR OPERATIONS, AZ	\$102,000		\$102,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
AZ	SPD	ENS, FDRR	WHITLOW RANCH DAM, AZ	\$784,000		\$784,000		Funds are being used for routine O&M. Non-routine activities planned include \$108,000 for a periodic assessment, \$100,000 for a periodic inspection, and \$35,000 for boundary monumentation.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
CA	SPD	ENS, FDRR, REC	BLACK BUTTE LAKE, CA	\$2,905,000		\$2,905,000		Funds are being used for routine operation and maintenance (O&M). Non-routine activities planned include \$75,000 for arc flash hazard analysis, \$100,000 for ADA restroom upgrades, and \$30,000 for sustainability (installation of solar panels).	
CA	SPD	ENS, FDRR, REC	BUCHANAN DAM, HV EASTMAN LAKE, CA	\$2,318,000		\$2,318,000		Funds are being used for routine O&M. Non-routine activities planned include \$210,000 for sustainability (solar panels installation).	
CA	SPD	NHD	CHANNEL ISLANDS HARBOR, CA	\$6,400,000		\$6,400,000		Funds are being used for maintenance dredging of the entrance channel and sand trap.	
CA	SPD	ENS, FDRR, REC, WTR	COYOTE VALLEY DAM, LAKE MENDOCINO, CA	\$3,841,000		\$3,841,000		Funds are being used for routine O&M. Non-routine activity planned include \$58,000 for trail repair due to erosion damage.	
CA	SPD	NHD	CRESCENT CITY HARBOR, CA	\$0	\$475,000	\$475,000	4		Funds will be used for coastal structure inspections and engineering & design for dredging.
CA	SPD	ENS, FDRR, REC, WTR	DRY CREEK (WARM SPRINGS) LAKE AND CHANNEL, CA	\$6,470,000		\$6,470,000		Funds are being used for routine O&M. Non-routine activities planned included \$114,000 for HVAC system replacement and \$200,000 for generator shed repairs.	
CA	SPD	FDRR	FARMINGTON DAM, CA	\$617,000		\$617,000		Funds are being used for routine O&M.	
CA	SPD	ENS, FDRR, REC	HIDDEN DAM, HENSLEY LAKE, CA	\$2,518,000		\$2,518,000		Funds are being used for routine O&M. Non-routine activities include \$200,000 for sustainability (installation of solar generation system), \$45,000 for tree stump removal, and \$30,000 to replace four roofs on restrooms.	
CA	SPD	NHD	HUMBOLDT HARBOR AND BAY, CA	\$5,500,000		\$5,500,000		Funds are being used for annual maintenance dredging of the bar and entrance channels by the USACE vessel ESSAYONS, inspection of jetties, and preparation of plans and specs for repair of jetties.	
CA	SPD	FDRR	INSPECTION OF COMPLETED WORKS, CA	\$3,962,000		\$3,962,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
CA	SPD	ENS, FDRR	ISABELLA LAKE, CA	\$3,538,000		\$3,538,000		Funds are being used for routine O&M. Non-routine activities planned include \$2,000,000 for addressing cavitation damage on the main dam.	
CA	SPD	NHD	LOS ANGELES - LONG BEACH HARBORS, CA	\$4,470,000	\$8,689,000	\$13,659,000	6	Funds are being used for maintenance dredging of the Los Angeles River Estuary.	Donor and Energy Transfer Port. Funds will be used for maintenance dredging of contaminated and non-contaminated material.
CA	SPD	NHD	LOS ANGELES - LONG BEACH HARBORS, CA		\$500,000		2		Funds will be used for breakwater repairs.
CA	SPD	ENS, FDRR, REC	LOS ANGELES COUNTY DRAINAGE AREA, CA	\$17,982,000		\$17,982,000		Funds are being used for routine O&M. Amount includes \$7,065,000 for implementation of structural and non-structural interim risk reduction measures at Whittier Narrows Dam, \$1,452,000 for sediment removal (phase 1 of 6), \$1,986,000 for Whittier Narrows Dam spillway gate repairs, and \$60,000 for updates to the master plans.	
CA	SPD	FDRR	MERCED COUNTY STREAMS, CA	\$810,000		\$810,000		Funds are being used for routine O&M. Non-routine activities planned include \$120,000 for a periodic assessment at Bear and Mariposa and \$74,000 for vegetation removal.	
CA	SPD	ENS, FDRR, REC	MOJAVE RIVER DAM, CA	\$1,305,000		\$1,305,000		Funds are being used for routine O&M. Non-routine activity planned includes \$125,000 for initiation of a Master Plan; \$112,000 for a Periodic Assessment; \$93,000 for a Periodic Inspection; \$40,000 for Law Enforcement and \$180,000 for boundary surveying and rectification.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
CA	SPD	NHD	MORRO BAY HARBOR, CA	\$2,200,000		\$2,200,000		Funds are being used for maintenance dredging of the Entrance Channel by the USACE vessel YAQUINA.	
CA	SPD	ENS, FDRR, REC, WTR	NEW HOGAN LAKE, CA	\$3,262,000		\$3,262,000		Funds are being used for routine O&M.	
CA	SPD	ENS, FDRR, REC	NEW MELONES LAKE, DOWNSTREAM CHANNEL, CA	\$2,517,000		\$2,517,000		Funds are being used for routine O&M. Non-routine activities planned include \$514,000 for real estate activities (boundary survey, monumentation, and encroachments resolution) and \$150,000 for resurfacing of a recreation area.	
CA	SPD	NHD	OAKLAND HARBOR, CA	\$17,993,000	\$10,500,000	\$28,493,000	2	Funds are being used for annual maintenance dredging of the Inner and Outer Harbor Channels. Amount also includes annual operation and maintenance of the Fruitvale Avenue railroad bridge, environmental monitoring at Deep Ocean Disposal Site and Sonoma Baylands Wetlands Demonstration Site, and a jetty inspection.	Funds will be used for maintenance dredging, real estate management, and environmental monitoring.
CA	SPD	NHD	OCEANSIDE HARBOR, CA	\$2,350,000		\$2,350,000		Funds are being used for maintenance dredging of the harbor entrance channel by contract.	
CA	SPD	ENS, FDRR, REC	PINE FLAT LAKE, CA	\$10,075,000		\$10,075,000		Funds are being used for routine O&M. Non-routine activities planned includes \$2,000,000 for cleaning and recoating sluiceway service and emergency gates, \$4,095,000 for cleaning and recoating the tainter gates, \$200,000 for water control manual updates, and \$35,000 to review and survey the landslide.	
CA	SPD	NHD	PORT HUENEME, CA	\$0	\$650,000	\$762,000	2		Funds will be used for maintenance dredging.
CA	SPD	NHD	PORT HUENEME, CA		\$112,000		6		Donor and Energy Transfer Port. Funds will be used for maintenance dredging of contaminated and non-contaminated material.
CA	SPD	NHD	PORT SAN LUIS, CA	\$0	\$4,900,000	\$4,900,000	2		Funds will be used to continue the repair to the breakwater in Port San Luis.
CA	SPD	NOTH	PROJECT CONDITION SURVEYS, CA	\$1,433,000		\$1,433,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
CA	SPD	NHS	REDONDO BEACH (KING HARBOR), CA	\$0	\$500,000	\$500,000	4		Funds will be used to perform Engineering and Design to repair the breakwater.
CA	SPD	NHD	RICHMOND HARBOR, CA	\$10,800,000	\$5,300,000	\$16,100,000	2	Funds are being used for maintenance dredging of the outer harbor and Chevron Long-Wharf area to project depth of 45 feet with the USACE vessel ESSAYONS. A contract for maintenance dredging of the inner harbor will be utilized to dredge the inner harbor to authorized depth of 38 feet, or to maximum depth practicable with funds available.	Funds will be used for maintenance dredging.
CA	SPD	NHD	SACRAMENTO RIVER (30 FOOT PROJECT), CA	\$1,200,000	\$400,000	\$1,600,000	2	Funds are being used for maintenance by contract and levee maintenance.	Funds will be used for navigation levee maintenance.
CA	SPD	ENS, NHS, REC	SACRAMENTO RIVER AND TRIBUTARIES (DEBRIS CONTROL), CA	\$1,725,000	\$400,000	\$2,125,000	4	Funds are being used for routine operation and maintenance for navigation, recreation, and environmental stewardship. Non-routine activities planned include \$250,000 for boundary surveying and monumentation.	Funds will be used for property boundary survey and dam operations.
CA	SPD	NHS	SACRAMENTO RIVER SHALLOW DRAFT CHANNEL, CA	\$175,000		\$175,000		Funds are being used for routine operation and maintenance for navigation.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
CA	SPD	NHD	SAN DIEGO HARBOR, CA	\$0	\$110,000	\$110,000	6		Donor and Energy Transfer Port. Funds will be used for maintenance dredging of contaminated and non-contaminated material.
CA	SPD	ENS, REC	SAN FRANCISCO BAY DELTA MODEL STRUCTURE, CA	\$1,565,000		\$1,565,000		Funds are being used for routine O&M. Non-routine activity planned includes \$515,000 to initiate a Master Plan.	
CA	SPD	NHD	SAN FRANCISCO BAY LONG TERM MANAGEMENT STRATEGY, CA	\$600,000		\$600,000		Funds are being used for labor for the DMMO and other annual activities required to manage the LTMS program.	
CA	SPD	NHD	SAN FRANCISCO HARBOR AND BAY, CA (DRIFT REMOVAL)	\$3,500,000	\$260,000	\$3,760,000	2	Funds are being used for the routine removal of floating debris from high commercial use navigation channels by USACE vessels.	Funds will be used for periodic haul-out of debris and vessels from shipyards.
CA	SPD	NHD	SAN FRANCISCO HARBOR, CA	\$3,700,000		\$3,700,000		Funds are being used for annual maintenance dredging of the Bar Channel by the U.S. Army Corps of Engineers (USACE) vessel ESSAYONS.	
CA	SPD	NHD	SAN JOAQUIN RIVER, PORT OF STOCKTON, CA	\$3,225,000	\$12,775,000	\$16,000,000	2	Funds are being used for maintenance dredging by contract.	Funds will be used for maintenance dredging.
CA	SPD	NHD	SAN PABLO BAY AND MARE ISLAND STRAIT, CA	\$5,075,000	\$4,925,000	\$10,000,000	2	Funds are being used for annual maintenance dredging of the Pinole Shoal Channel by the USACE vessel ESSAYONS and datum corrective action.	Funds will be used for an Economics and Environmental Study and for maintenance dredging.
CA	SPD	ENS, FDRR, REC	SANTA ANA RIVER BASIN, CA	\$5,579,000		\$5,579,000		Funds are being used for routine O&M. Non-routine activities planned include \$568,000 for rehabilitation and/or replacement of major components at Prado Dam, and \$10,000 for updates to the master plan.	
CA	SPD	NHD	SANTA BARBARA HARBOR, CA	\$3,080,000		\$3,080,000		Funds are being used for maintenance dredging of the project by contract.	
CA	SPD	NHD	SANTA CRUZ HARBOR CA	\$0	\$487,000	\$487,000	2		Funds will be used to reimburse the port for dredging per Memorandum of Agreement.
CA	SPD	FDRR	SCHEDULING RESERVOIR OPERATIONS, CA	\$1,391,000		\$1,391,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
CA	SPD	ENS, FDRR, REC	SUCCESS LAKE, CA	\$3,454,000		\$3,454,000		Funds are being used for routine O&M. Non-routine activity planned includes \$700,000 for repairing the bulkhead gate.	
CA	SPD	NHD	SUISUN BAY CHANNEL, CA	\$7,800,000		\$7,800,000		Funds are being used for annual maintenance dredging of the main channel (including Bullshead Reach) by contract. Amount includes \$800,000 for non-routine activities (entrainment studies).	
CA	SPD	ENS, FDRR, REC	TERMINUS DAM, LAKE KAWEAH, CA	\$5,950,000		\$5,950,000		Funds are being used for routine O&M. Non-routine activities include \$3,000,000 for repair of slide gates and steel liner, and \$160,000 for removal of vegetation	
CA	SPD	NHD	VENTURA HARBOR, CA	\$5,163,000		\$5,163,000		Funds are being used for maintenance dredging of the entrance channel and sand trap by contract.	
CA	SPD	ENS, NHS	YUBA RIVER, CA	\$1,519,000	\$90,000	\$1,609,000	4	Funds are being used for routine operation and maintenance for navigation and environmental stewardship.	Funds will be used for dam operations.
CO	NWD	ENS, FDRR, REC	BEAR CREEK LAKE, CO	\$476,000		\$476,000		Funds are being used for routine O&M. In addition \$25,000 will be for the annual review/update of the Interim Risk Reduction Management Plan.	
CO	NWD	ENS, FDRR, REC, WTR	CHATFIELD LAKE, CO	\$1,830,000		\$1,830,000		Funds are being used for routine O&M. In addition, funds in the amount of \$229,000 are being used for surveys and inspections and \$290,000 is being used for installation of a drainage system for the north side of the spillway structure.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
CO	NWD	ENS, FDRR, REC	CHERRY CREEK LAKE, CO	\$1,155,000		\$1,155,000		Funds are being used for the routine O&M. In addition \$30,000 will be used for application of herbicide to control woody vegetation in the emergency spillway.	
CO	NWD	FDRR	INSPECTION OF COMPLETED WORKS, CO	\$352,000		\$352,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
CO	SPD	ENS, FDRR, REC	JOHN MARTIN RESERVOIR, CO	\$9,216,000		\$9,216,000		Funds are being used for routine O&M. Non-routine activities planned include \$4,500,000 for dewatering, inspecting, and armoring the stilling basin, and \$2,000,000 for dredging reservoir sediment.	
CO	SPD	FDRR	SCHEDULING RESERVOIR OPERATIONS, CO	\$646,000		\$646,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
CO	SPD	ENS, FDRR, REC	TRINIDAD LAKE, CO	\$5,155,000		\$5,155,000		Funds are being used for routine O&M. Non-routine activities planned include \$3,000,000 for replacing upstream embankment riprap, \$270,000 for parking lot resurfacing, and \$450,000 to expand and secure the project office site.	
CT	NAD	ENS, FDRR, REC	BLACK ROCK LAKE, CT	\$815,000		\$815,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$103,000 to complete electrical can concrete repairs, \$47,000 to develop a plan to raise air vents which are interfering with project operations, and \$74,000 to evaluate the seismic stability of the project.	
CT	NAD	ENS, FDRR, REC, WTR	COLEBROOK RIVER LAKE, CT	\$1,237,000		\$1,237,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$100,000 to initiate update of the project master plan and \$355,000 to replace the upgrade the electrical service and replace the emergency generator.	
CT	NAD	NHS	GREENWICH HARBOR, CT	\$300,000		\$300,000		Funds are being used to complete environmental coordination and prepare plans and specifications for proposed maintenance dredging of about 300,000 cubic yards of material from the project to restore authorized dimensions.	
CT	NAD	ENS, FDRR, REC	HANCOCK BROOK LAKE, CT	\$731,000		\$731,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$146,000 to conduct dam safety studies including updating the design flood, performing a rock stability analysis and completing a seismic evaluation.	
CT	NAD	ENS, FDRR, REC	HOP BROOK LAKE, CT	\$1,562,000		\$1,562,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$170,000 to design and install compliant safety railings at the dam tower and \$85,000 to upgrade the electrical service to the project office and the dam site.	
CT	NAD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, CT	\$10,000		\$10,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
CT	NAD	FDRR	INSPECTION OF COMPLETED WORKS, CT	\$461,000		\$461,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
CT	NAD	ENS, FDRR, REC	MANSFIELD HOLLOW LAKE, CT	\$1,461,000		\$1,461,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$195,000 to develop an updated Inflow Design Flood and conduct a toe drain video inspection, \$485,000 to repair dam crest pavement and \$100,000 to replace gashouse electrical service.	
CT	NAD	ENS, FDRR, REC	NORTHFIELD BROOK LAKE, CT	\$730,000		\$730,000		Funds are being used to perform routine O&M. In addition, nonroutine work is funded for \$124,000 to remove spillway discharge and channel safety improvements and \$50,000 for mater plan compliance.	
CT	NAD	NHS	PATCHOGUE RIVER, CT	\$400,000		\$400,000		Funds are being used to perform maintenance dredging of the 8-foot entrance channel using the government dredge CURRITUCK. About 6,000 cubic yards of sandy material would be removed and placed in a near shore site off Hammonasset Beach State Park.	
CT	NAD	NOTH	PROJECT CONDITION SURVEYS, CT	\$850,000		\$850,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
CT	NAD	FDRC	STAMFORD HURRICANE BARRIER, CT	\$784,000		\$784,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$278,000 to complete repairs to the flood control barrier and appurtenant structures as recommend in the latest periodic inspection.	
CT	NAD	ENS, FDRR, REC	THOMASTON DAM, CT	\$1,892,000		\$1,892,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$149,000 to clean and inspect the dam hydraulic power unit motors and conduct seepage analysis, \$288,000 for removal of rock from spillway and cleaning of spillway weep holes, \$95,000 to repair the dam tower air vent and upgrade the portable public water system, \$460,000 to complete dam tower and utility building electrical upgrades and install channel stone protection, and \$50,000 for master plan compliance.	
CT	NAD	ENS, FDRR, REC	WEST THOMPSON LAKE, CT	\$1,033,000		\$1,033,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$275,000 to install a log boom and \$50,000 to complete gate stem hydraulic repairs.	
DC	NAD	FDRR	INSPECTION OF COMPLETED WORKS, DC	\$76,000		\$76,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
DC	NAD	NOTH	POTOMAC AND ANACOSTIA RIVERS, DC (DRIFT REMOVAL)	\$875,000		\$875,000		Funds are being used to provide drift collection and removal operations to support safe passage, free of obstructions, on the Potomac and Anacostia Rivers.	
DC	NAD	NOTH	PROJECT CONDITION SURVEYS, DC	\$25,000		\$25,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
DC	NAD	NHD	WASHINGTON HARBOR, DC	\$25,000		\$25,000		Funds are being used for gate inspection and maintenance and removal of debris adjacent to the gates.	
DE	NAD	FDRR	INSPECTION OF COMPLETED WORKS, DE	\$65,000		\$65,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
DE	NAD	NHD	INTRACOASTAL WATERWAY, DELAWARE RIVER TO CHESAPEAKE BAY, DE & MD	\$15,585,000	\$525,000	\$16,110,000	2	Funds are being used for routine operation and maintenance of the project, including dispatching, channel exams, safety requirements for five high-level highway bridges, maintenance dredging of critical shoals within the 46 mile the navigation channel, periodic inspection of high level bridges.	Funds will be used for inspection of the State Route-1 stay cables and for a Load Rating Analysis of the State Route-1 bridge.
DE	NAD	NHS	MISPILLION RIVER, DE	\$0	\$1,050,000	\$1,050,000	4		Funds will be used for maintenance dredging.
DE	NAD	NOTH	PROJECT CONDITION SURVEYS, DE	\$200,000		\$200,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
DE	NAD	NHD	WILMINGTON HARBOR, DE	\$8,085,000	\$5,775,000	\$13,860,000	2	Funds are being used for operation and maintenance activities for the project, including critical maintenance dredging of both the 35-foot and 38-foot project channels, monthly channel examination surveys, dredge material containment facility maintenance activities by hired labor and design effort to raise dikes at Wilmington South.	Funds will be used for maintenance dredging and for disposal area maintenance.
FL	SAD	NIL	AIWW, NORFOLK, VA TO ST JOHNS RIVER, FL, GA, SC, NC & VA	\$2,224,000		\$2,224,000		Funds are being used for routine maintenance in support of navigation.	
FL	SAD	NHS	APALACHICOLA BAY, FL	\$0	\$2,000,000	\$2,000,000	4		Funds will be used for maintenance dredging.
FL	SAD	NIL	CALOOSAHATCHEE RIVER TO ANCLOTE, FL	\$52,000		\$52,000		Funds are being used to conduct physical monitoring of the 2nd periodic renourishment of Venice Beach, Sarasota County, FL.	
FL	SAD	NHD	CANAVERAL HARBOR, FL	\$1,470,000	\$14,760,000	\$16,230,000	2	Funds are being used for routine operations and maintenance in support of navigation.	Funds will be used for Geospatial Land Data Migration Mapping; to initiate Plans and Specifications for sector gate repairs; and to award fifth sand bypass contract.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
FL	SAD	ENS, FDRR, FOTH, NHS, REC	CENTRAL & SOUTHERN FLORIDA, FL	\$24,858,000		\$24,858,000		Funds are being used for routine operation and maintenance (O&M) activities. Non-routine activities include repair or replacement of heavily corroded culverts and flap gates on Canals C43 and C44 (\$2,524,000), Phase 2 of 10 year plan to repair/replace 50 critical culverts (\$6,895,000), and closure of WP Franklin swim beach (\$50,000). Sustainability work oating to reduce energy consumption (\$50,000) and installing Photovoltaic Hybrid Water Heater at WP Franklin (\$3,000).	
FL	SAD	NHS	ESCAMBIA AND CONECUH RIVERS, FL & AL	\$55,000		\$55,000		Funds are being used for routine operations in support of navigation.	
FL	SAD	FDRR	INSPECTION OF COMPLETED WORKS, FL	\$958,000		\$958,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
FL	SAD	NIL	INTRACOASTAL WATERWAY, CALOOSAHATCHEE R TO ANCLOTE R, FL	\$50,000		\$50,000		Funds are being used for geospatial land data migration mapping.	
FL	SAD	NIL	INTRACOASTAL WATERWAY, JACKSONVILLE TO MIAMI, FL	\$3,560,000		\$3,560,000		Funds are being used for routine maintenance in support of navigation. Non-routine activities include geospatial land data migration mapping (\$260,000).	
FL	SAD	NHD	JACKSONVILLE HARBOR, FL	\$7,690,000	\$8,406,000	\$16,096,000	2	Funds are being used for routine operations and maintenance in support of navigation.	Funds will be used for maintenance dredging, Plans and Specifications for Deepening Contract C, Geospatial Landa Data Migration Mapping, and disposal facility invasive species maintenance.
FL	SAD	ENS, HYD, JOINT, NIL, REC	JIM WOODRUFF LOCK AND DAM, LAKE SEMINOLE, FL, AL & GA	\$6,874,000	\$400,000	\$7,274,000	5	Funds are being used for routine operation and maintenance (O&M) in support of the multi-purpose project, and a total of \$16,000 for sustainability work to install low consumption valves in restroom facilities.	Funds will be used for baseline power plant operations.
FL	SAD	NHD	MANATEE HARBOR, FL	\$900,000		\$900,000		Funds are being used to perform routine operations and maintenance in support of navigation and dewatering of the disposal area.	
FL	SAD	NHD	MIAMI HARBOR, FL	\$100,000	\$1,897,000	\$1,997,000	6	Funds are being used for routine operations in support of navigation.	Donor and Energy Transfer Port
FL	SAD	ENS, FDRR, NHS, REC	OKEECHOBEE WATERWAY, FL	\$2,692,000	\$63,000	\$2,755,000	4	Funds are being used for routine operations and maintenance in support of navigation, environmental stewardship and recreation. Non-routine sustainability work includes Moore Haven Lock building Envelope Improvement (\$40,000), Saint Lucie Campground Water Line Replacement (\$35,000), and Ortona Lock South Campground Water Fixture support of recreation includes repair of erosion damage to fishing pier footing and shoreline sloughing at Ortona South (\$50,000).	Funds will be used for Geospatial Land Data Migration Mapping.
FL	SAD	NHD	PALM BEACH HARBOR, FL	\$4,000,000		\$4,000,000		Funds are being used for routine operations and maintenance in support of navigation	
FL	SAD	NHD	PANAMA CITY HARBOR, FL	\$1,890,000		\$1,890,000		Funds are being used for routine operations and maintenance.	
FL	SAD	NHD	PENSACOLA HARBOR, FL	\$34,000		\$34,000		Funds are being used for routine operations in support of navigation.	
FL	SAD	NHD	PORT EVERGLADES HARBOR, FL	\$420,000	\$600,000	\$1,191,000	2	Funds are being used for routine operations and maintenance in support of navigation and reimbursement to shippers for maintenance of berthing areas.	Funds will be used for a Sediment Transport Study.
FL	SAD	NHD	PORT EVERGLADES HARBOR, FL		\$171,000		6		Donor and Energy Transfer Port

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
FL	SAD	NOTH	PROJECT CONDITION SURVEYS, FL	\$1,375,000		\$1,375,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
FL	SAD	NOTH	REMOVAL OF AQUATIC GROWTH	\$3,259,000		\$3,259,000		Funds are being used for routine maintenance in support of navigation and removal of aquatic vegetation from tributaries of the St. Johns River and Lake Okeechobee Waterway.	
FL	SAD	FD RR	SCHEDULING RESERVOIR OPERATIONS, FL	\$99,000		\$99,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
FL	SAD	ENR	SOUTH FLORIDA ECOSYSTEM RESTORATION, FL	\$0	\$4,690,000	\$4,690,000	5		Funds will be used for routine operation and maintenance activities.
FL	SAD	NHD	TAMPA HARBOR, FL	\$8,290,000	\$500,000	\$8,790,000	2	Funds are being used for routine operations and maintenance in support of navigation.	Funds will be used for dredged material management area dewatering maintenance.
FL	SAD	NOTH	WATER/ENVIRONMENTAL CERTIFICATION, FL	\$170,000		\$170,000		Funds are being used for miscellaneous consultation and environmental data calls on small projects throughout Florida.	
GA	SAD	ENS, HYD, JOINT, REC, WTR	ALLATOONA LAKE, GA	\$10,464,000	\$75,000	\$10,539,000	5	Funds are being used for routine operation and maintenance of the multi-purpose project. Non-routine activities include turbine design (\$2,000,000) and intake emergency closure gate refurbishment design (\$150,000).	Funds will be used for non-routine maintenance activities and facility improvements.
GA	SAD	ENS, NIL, REC	APALACHICOLA, CHATTAHOOCHEE AND FLINT RIVERS, GA, AL & FL	\$1,845,000	\$110,000	\$1,955,000	5	Funds are being used for routine operation and maintenance in support of navigation, recreation, and environmental stewardship. Non-routine activities include master plan updates.	Funds will be used for non-routine maintenance activities and facility improvements.
GA	SAD	NIL	ATLANTIC INTRACOASTAL WATERWAY, GA	\$181,000		\$181,000		Funds are being used for operations and routine maintenance in support of navigation.	
GA	SAD	NHD	BRUNSWICK HARBOR, GA	\$4,528,000		\$4,528,000		Funds are being used to perform routine operations and maintenance in support of navigation.	
GA	SAD	ENS, HYD, JOINT, REC, WTR	BUFORD DAM AND LAKE SIDNEY LANIER, GA	\$11,165,000	\$225,000	\$11,390,000	5	Funds are being used for routine operations and maintenance of this multi-purpose project. Non-routine activities include design of the emergency intake closure gate (\$100,000), installation of manholes in saddle dike 3 to monitor suspected leakage (\$200,000), and work to complete the Master Plan (\$500,000). There is a total of \$20,000 for sustainability work on this project to repair water line pipes.	Funds will be used for infrastructure repairs and shoreline management activities.
GA	SAD	ENS, FD RR, HYD, JOINT, REC, WTR	CARTERS DAM AND LAKE, GA	\$8,587,000		\$8,587,000		Funds are being used for routine operations and maintenance in support of this multi-purpose project. Non-routine work includes re-regulation of dam saw cutting (\$800,000).	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
GA	SAD	ENS, FDRR, HYD, JOINT, REC, WTR	HARTWELL LAKE, GA & SC	\$12,752,000		\$12,752,000		Funds are being used to perform routine operations and maintenance. Non-routine activities include \$25,000 for sustainability work to replace outdoor lighting at the Visitor's Center to LED fixtures, completing water reallocation study, updating the Master Plan (\$125,000) and Shoreline Management Plan (\$150,000) and surveying and resetting missing monuments for 30 locations (\$125,000). Non-routine activities on jointly used features include geospatial land data mapping (\$484,000) and critical infrastructure protection assessment (\$70,000).	
GA	SAD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, GA	\$15,000		\$15,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
GA	SAD	FDRR	INSPECTION OF COMPLETED WORKS, GA	\$277,000		\$277,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
GA	SAD	ENS, FDRR, HYD, JOINT, REC, WTR	J STROM THURMOND LAKE, GA & SC	\$12,002,000	\$110,000	\$12,112,000	5	Funds are being used to perform routine operations and maintenance for this multipurpose project with power.	Funds will be used to initiate the Master Plan update and for Geographical Information System map updates.
GA	SAD	NOTH	PROJECT CONDITION SURVEYS, GA	\$100,000		\$100,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
GA	SAD	ENS, FDRR, HYD, JOINT, REC, WTR	RICHARD B RUSSELL DAM AND LAKE, GA & SC	\$9,003,000		\$9,003,000		Funds are being used for routine operations and maintenance for the multi-purpose project with power.	
GA	SAD	NHD	SAVANNAH HARBOR, GA	\$33,436,000	\$10,750,000	\$44,186,000	2	Funds are being used to perform routine operations and maintenance in support of navigation, which includes dredging to remove maintenance material in preparation of the harbor deepening project.	Funds will be used for maintenance dredging.
GA	SAD	NHS	SAVANNAH RIVER BELOW AUGUSTA, GA	\$137,000		\$137,000		Funds are being used to perform routine operations and maintenance for navigation.	
GA	SAD	ENS, FDRR, HYD, JOINT, REC, WTR	WEST POINT DAM AND LAKE, GA & AL	\$12,147,000	\$45,000	\$12,192,000	5	Funds are being used for routine operations and maintenance and non-routine work to design the refurbishment of the emergency closure intake gate (\$150,000), replace tail-deck gantry crane (\$1,500,000), design turbine replacement (\$2,000,000), replace generator circuit breaker (\$220,000), and Geospatial Land Data Migration (\$273,000). Sustainability work includes replacing old, fragile, failing water lines in three facilities on West Point Lake (\$264,000).	Funds will be used for pest and invasive species management activities.
HI	POD	REC	BARBERS POINT HARBOR, HI	\$269,000		\$269,000		Funds are being used to operate the Pacific Regional Visitor Center.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
HI	POD	FDRC	INSPECTION OF COMPLETED WORKS, HI	\$698,000		\$698,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
HI	POD	NHD	NAWILIWILI HARBOR, HI	\$4,815,000	\$2,185,000	\$7,000,000	2	Funds are being used to award a contract to conduct Phase II maintenance dredging by mechanical clamshell in portions of the harbor basin that were not accessible by the government dredge during Phase I maintenance dredging operations. Remaining dredging is necessary to allow full use of Federal navigation channel & basin. Maintenance of the Federal project features ensures safe navigation for the island communities that are dependent on water borne commerce. An estimated 10,000 cubic yards of sediment will be removed by mechanical clamshell dredge.	Funds will be used for maintenance dredging.
HI	POD	NHD	PORT ALLEN HARBOR, KAUAI, HI	\$0	\$11,600,000	\$11,600,000	2		Funds will be used for maintenance dredging.
HI	POD	NOTH	PROJECT CONDITION SURVEYS, HI	\$685,000		\$685,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
IA	MVD	ENS, FD RR, REC	CORALVILLE LAKE, IA	\$9,915,000		\$9,915,000		Funds are being used to repair the Control Tower Concrete and Sill Plate, replace water heaters and shower heads in twelve shower buildings, replace the water line at Sugar Bottom recreation area, repair paving, and conduct routine operation and maintenance of flood reduction, environmental and recreation infrastructure.	
IA	NWD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, IA	\$6,000		\$6,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
IA	MVD	FD RR	INSPECTION OF COMPLETED WORKS, IA	\$868,000		\$868,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
IA	NWD	ENS, NIL	MISSOURI RIVER - SIOUX CITY TO THE MOUTH, IA, KS, MO & NE	\$8,964,000		\$8,964,000		Funds are being used for the routine O&M.	
IA	NWD	NOTH	MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD	\$2,547,000	\$865,000	\$3,412,000	1	Funds are being used for the routine O&M.	Funds will be used for operations for Threatened and Endangered Species for Navigation and for maintenance of the Missouri River Recovery Program site.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
IA	NWD	ENS, FDRR, REC, WTR	RATHBUN LAKE, IA	\$2,788,000		\$2,788,000		Funds are being used for routine O&M and specific work activities including replacement of failing corrugated metal pipes (\$130,000), stability analysis report of main embankment and Buck Creek embankment (\$25,000), and repair and replacement of service gate cylinder o-ring seal (\$205,000).	
IA	MVD	ENS, FDRR, REC	RED ROCK DAM AND LAKE RED ROCK, IA	\$7,095,000		\$7,095,000		Funds are being used to perform road and roof repairs, and conduct routine operation and maintenance (O&M) of flood reduction, environmental and recreation infrastructure. Funds will also be used for non-routine items: foundation protection of Southeast Des Moines Pump Station, and mitigate effects of deep scour hole adjacent to the Southeast Des Moines Levee.	
IA	MVD	ENS, FDRR, REC, WTR	SAYLORVILLE LAKE, IA	\$19,223,000	\$75,000	\$19,298,000	5	Funds are being used to continue diversion dam repairs, perform road and roof repairs, and conduct routine O&M for flood reduction, environmental, and recreation infrastructure. Funds will also be used for the following non-routine items: construct the supplemental Big Creek Pump Station and conduct interim risk reduction measures at the diversion dam, slide gate and stilling basin.	Funds will be used for non-routine facility improvements.
ID	NWD	ENS, JOINT, REC	ALBENI FALLS DAM, ID	\$1,459,000		\$1,459,000		Funds are being used for routine O&M. Non-routine activities including the NEPA Analysis of the Columbia River Basin Operations (\$34,000); repair of Clark Fork drift yard (\$13,000); and Spillway Gate Recoating (\$7,000).	
ID	NWD	ENS, JOINT, REC	DWORSHAK DAM AND RESERVOIR, ID	\$4,795,000		\$4,795,000		Funds are being used for routine O&M. Specific non-routine work activities includes monolith 37/38 and 16/17 foundation joint drain repairs (\$1,400,000) and two sustainability packages for flow meters and light fixtures (\$50,000).	
ID	NWD	FDRR	INSPECTION OF COMPLETED WORKS, ID	\$337,000		\$337,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
ID	NWD	ENS, FDRR, REC	LUCKY PEAK LAKE, ID	\$3,698,000		\$3,698,000		Funds are being used for routine O&M. Also funds specific non-routine activities including for water lines (\$343,000), for slide gate replacement (\$350,000), for security gate replacement (\$40,000), and for hoist gear alignment (\$230,000).	
ID	NWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, ID	\$627,000		\$627,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
IL	LRD	NHD	CALUMET HARBOR AND RIVER, IL & IN	\$3,808,000	\$7,100,000	\$10,908,000	2	Funds are being used for operation, navigation channel and structures' inspections, safety signage, and other management purposes; sediment management within the DMDF (grading and piling), which allowed normal dredging / storage operations to continue; stabilization of the timber crib within a 750-foot section of the failing shorearm breakwater that protects commercial traffic within the entrance channel from an unsafe wave climate, and removal of 30,000 cubic yards of sediment accumulated within the outer harbor, which will be dewatered on the drying pad at the CDF and subsequently hauled off as beneficial use material by others.	Funds will be used for channel rock removal and to complete the Dredged Material Management Plan.
IL	MVD	ENS, FDRR, REC, WTR	CARLYLE LAKE, IL	\$6,748,000	\$560,000	\$7,308,000	5	Funds are being used to operate and maintain the project at an acceptable level of service and complete efficiency improvements at Boulder Sewage Treatment Plant.	Funds will be used for summer mist net surveys to search for the Federally Endangered Indiana Bat; energy efficiency improvements; perform a water sediment survey; and for shoreline management activities.
IL	LRD	NHD	CHICAGO HARBOR, IL	\$3,020,000	\$4,680,000	\$7,700,000	2	Funds are being used for operation and maintenance of the Chicago Lock to provide 24/7, 100% availability to commercial towboat, deep-draft barges, government, passenger and recreational vessels; and replacement of exiting lighting with LED for single chamber deep-draft navigation lock.	Funds will be used to stabilize the North Pier.
IL	LRD	FDRR	CHICAGO RIVER, IL	\$593,000		\$593,000		Funds are being used for river operation in a major urban area and to collect precipitation and streamgage data for flood surveillance for City of Chicago, Emergency Management and National Weather Service (NWS) River Forecast Center.	
IL	LRD	ENR	CHICAGO SANITARY AND SHIP CANAL DISPERSAL BARRIER, IL	\$16,700,000		\$16,700,000		Funds are being used for operation and maintenance of the entire electric dispersal barriers system (Demonstration Barrier, Barrier IIA, & Barrier IIB) and the structural solutions to reduce the risk of fish bypass during flooding of the neighboring Des Plaines River and Illinois and Michigan Canal; safety testing and fish monitoring; and completion of additional field and/or laboratory research to verify the effectiveness of the barriers and optimize their operation, where possible.	
IL	MVD	ENS, FDRR	FARM CREEK RESERVOIRS, IL	\$529,000		\$529,000		Funds are being used to conduct routine operation and maintenance of flood risk reduction infrastructure, and complete the master plan.	
IL	MVD	ENS, NIH, REC	ILLINOIS WATERWAY (MVR PORTION), IL & IN	\$48,384,000	\$752,000	\$49,136,000	3	Funds are being used to operate and maintain eight lock and dam sites and the project office, critical fleet maintenance support service, dredging, water control, dredged material disposal, dam safety, and real estate management. Funds will also provide for the following non-routine items: Repair Peoria Sheet Pile Wall, Install Safety Guard Rails, Repair Peoria Base Electrical Components, and Install Bulkhead Recesses at Marseille. Funds are being used for S&A labor on prioritized maintenance contracts awarded prior to FY18.	Funds will be used to repair Brandon Road Lock & Dam Bulkhead Recesses, Dresden Lock & Dam Bulkhead Recesses, Marseilles Lock & Dam Upper Sill Beam, Starved Rock Lock & Dam Upper and Lower Sill Beams.
IL	MVD	ENS, NIH	ILLINOIS WATERWAY (MVS PORTION), IL & IN	\$1,958,000	\$10,000	\$1,968,000	3	Funds are being used to perform dredging on the main channel, channel patrol, water management, and stewardship of Federal lands.	Funds will be used for replacement of water control data equipment.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
IL	MVD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, IL	\$55,000		\$55,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
IL	LRD	FDRC	INSPECTION OF COMPLETED WORKS, IL	\$1,654,000		\$1,654,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
IL	MVD	ENS, NIL, REC	KASKASKIA RIVER NAVIGATION, IL	\$4,889,000	\$500,000	\$5,389,000	4	Funds are being used for O&M, dredging of the mouth, unwatering the lock for inspection and repairs, remove silt from foundation drains, operate recreation areas and visitor center, and perform environmental compliance activities and recurring environmental stewardship efforts that protect project natural resources in accordance with legal mandates.	Funds will be used for engineering for repairs to damaged tainter gates and the failed bulkhead hoist.
IL	LRD	NHD, NOTH	LAKE MICHIGAN DIVERSION, IL	\$1,100,000		\$1,100,000		Funds are being used for data collection, flow measurements, water diversion data analysis, diversion accounting, modeling, complete Technical Committee activities, and reporting efforts. U.S. Supreme Court ordered Lake Michigan water diversion in all Great Lakes states.	
IL	MVD	ENS, FDRR, FOTH, REC, WTR	LAKE SHELBYVILLE, IL	\$8,835,000	\$250,000	\$9,085,000	5	Funds are being used for operation and maintenance (O&M), including maintaining the main dam, operation of high use recreation areas, and environmental stewardship.	Funds will be used for tainter gate gear reducers and brake systems repairs and to replace lift stations within Lone Pt, Coon Creek, and Opossum Creek campgrounds.
IL	MVD	ENS, NIH, REC	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVR PORTION), IL	\$93,953,000	\$290,000	\$94,243,000	5	Funds are being used for operation and maintenance (O&M) at twelve L&D sites and the project office; fleet maintenance support service; dredging; dredged material disposal; water control; periodic inspection; dam safety; and real estate management. Funds also provide for the following non-routine items: dewater Lock 16, repair L&D 15 dam service bridge, L&D 14 auxiliary bulkhead fabrication, install safety guard rails, phase I Master Plan implementation at LeClaire Base, repair wing dams, and repair L&D 15 lower guidewall.	Funds will be used for modernization of recreational features.
IL	MVD	ENS, NIH, REC	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVS PORTION), IL	\$43,900,000	\$4,200,000	\$48,150,000	3	Funds are being used to operate and maintain the project, including operation of Locks & Dams 24, 25, and Mel Price, 105 miles of navigation channel maintenance, environmental compliance, environmental stewardship, recreation and public education. Funds are also being used non-routine repair work to include the on-going dam pier repairs, repairs to high risk miter gate anchorages, replacement of bulkheads and bulkhead hoisting cranes, and repairs to dam spillways.	Funds will be used to repair Lock 24 downstream guide cell, replace Lock 25 high mast lights, and replace tainter gate motors at Locks 24 and 25.
IL	MVD	ENS, NIH, REC	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVS PORTION), IL		\$50,000		5		Funds will be used for real estate management.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
IL	LRD	NOTH	PROJECT CONDITION SURVEYS, IL	\$104,000		\$104,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
IL	MVD	ENS, FDRR, REC, WTR	REND LAKE, IL	\$7,593,000	\$565,000	\$8,158,000	5	Funds are being used for O&M including maintaining the main dam and two sub-impoundment dams, operation of high use recreation areas, and environmental stewardship.	Funds will be used for stilling basin sill and scour repairs.
IL	LRD	FDRC	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IL	\$738,000		\$738,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
IL	LRD	NHD	WAUKEGAN HARBOR, IL	\$2,000,000		\$2,000,000		Funds are being used for maintenance dredging of 90,000 cubic yards of 7' shoaling from the approach channel for Waukegan Harbor, on the western shore of Lake Michigan in Waukegan, IL to restore minimum functional depth of the approach channel.	
IN	LRD	ENS, FDRR, REC, WTR	BROOKVILLE LAKE, IN	\$1,216,000		\$1,216,000		Funds are being used for routine O&M.	
IN	LRD	NHD	BURNS WATERWAY HARBOR, IN	\$3,649,000	\$4,381,000	\$8,030,000	2	Funds are being used for harbor operation, navigation channel and structures' inspections, safety signage, and other management responsibilities; removal of 90,000 cubic yards of sediment accumulated within the approach channel area; and placement of large riprap-sized stone in the channel bottom of the harbor arms and adjacent to the eastern head of the north breakwater to repair scour.	Funds will be used for north breakwater repairs.
IN	LRD	ENS, FDRR, REC	CAGLES MILL LAKE, IN	\$1,089,000	\$28,000	\$1,117,000	5	Funds are being used for routine O&M.	Funds will be used for management of Special Status Species.
IN	LRD	ENS, FDRR, REC	CECIL M HARDEN LAKE, IN	\$1,047,000		\$1,047,000		Funds are being used for routine O&M.	
IN	LRD	NHD	INDIANA HARBOR, IN	\$11,564,000		\$11,564,000		Funds are being used to continue harbor operation and maintenance, navigation channel and structures' inspections, safety signage, and other management actions; repair and stabilize east navigation structure; remove 175,000 cubic yards of Non-TSCA sediment in Reach 1 and 7 (turning basin); perform air-quality monitoring, analysis and public reporting, DMDF site security, and groundwater pumping and treatment; and perform CDF site maintenance, primary erosion control.	
IN	LRD	FDRC	INSPECTION OF COMPLETED WORKS, IN	\$1,187,000		\$1,187,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
IN	LRD	ENS, FD RR, REC	J EDWARD ROUSH LAKE, IN	\$1,084,000	\$10,000	\$1,094,000	5	Funds are being used for routine O&M.	Funds will be used for pest and invasive species management.
IN	LRD	NHS	MICHIGAN CITY HARBOR, IN	\$0	\$2,829,000	\$2,829,000	4		Funds will be used for armoring the Outer Breakwater and East Pier.
IN	LRD	ENS, FD RR, REC	MISSISSINEWA LAKE, IN	\$1,110,000		\$1,110,000		Funds are being used for routine O&M.	
IN	LRD	ENS, FD RR, REC, WTR	MONROE LAKE, IN	\$1,144,000		\$1,144,000		Funds are being used for routine O&M.	
IN	LRD	ENS, FD RR, REC, WTR	PATOKA LAKE, IN	\$1,153,000		\$1,153,000		Funds are being used for routine O&M.	
IN	LRD	NOTH	PROJECT CONDITION SURVEYS, IN	\$185,000		\$185,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
IN	LRD	ENS, FD RR, REC	SALAMONIE LAKE, IN	\$1,091,000		\$1,091,000		Funds are being used for routine O&M.	
IN	LRD	FDRC	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	\$149,000		\$149,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
KS	NWD	ENS, FD RR, REC, WTR	CLINTON LAKE, KS	\$3,662,000		\$3,662,000		Funds are being used for routine O&M. Additional Funds are being used for specific work activities including for an operational condition assessment (\$20,000), for dewatering and dam safety inspection (\$75,000), for periodic inspection work (\$100,000), and for sustainability work for a rural water connection (\$658,000).	
KS	SWD	ENS, FD RR, REC, WTR	COUNCIL GROVE LAKE, KS	\$1,743,000		\$1,743,000		Funds are being used for routine O&M and for the purchase of a new tilt deck trailer.	
KS	SWD	ENS, FD RR, REC, WTR	EL DORADO LAKE, KS	\$981,000		\$981,000		Funds are being used for O&M. Non-routine activities include replacing the electric line to the gate tower.	
KS	SWD	ENS, FD RR, REC, WTR	ELK CITY LAKE, KS	\$1,547,000		\$1,547,000		Funds are being used for the O&M and to undertake repairs to the dam embankment.	
KS	SWD	ENS, FD RR, REC	FALL RIVER LAKE, KS	\$1,619,000		\$1,619,000		Funds are being used for routine O&M.	
KS	NWD	ENS, FD RR, REC, WTR	HILLSDALE LAKE, KS	\$1,076,000		\$1,076,000		Funds are being used for routine O&M. Funds are also being used for specific work activities including the repair and replacement of inclinometers (\$60,000) and modifications of the upper lateral support of the emergency gate storage system (\$30,000).	
KS	NWD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, KS	\$11,000		\$11,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
KS	SWD	FDRR	INSPECTION OF COMPLETED WORKS, KS	\$1,218,000		\$1,218,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
KS	SWD	ENS, FDRR, REC, WTR	JOHN REDMOND DAM AND RESERVOIR, KS	\$1,890,000		\$1,890,000		Funds are being used for routine O&M.	
KS	NWD	ENS, FDRR, REC, WTR	KANOPOLIS LAKE, KS	\$3,185,000		\$3,185,000		Funds are being used for routine O&M. Funds are also being used for specific work activities including repair/paint of trash racks (\$870,000), the replacement of surface water corrugated metal pipes (\$700,000), and replacement of failed frost-free hydrants with standpipes (\$15,000).	
KS	SWD	ENS, FDRR, REC, WTR	MARION LAKE, KS	\$2,251,000	\$4,845,000	\$7,096,000	5	Funds are being used for routine O&M.	Funds will be used for replacement of the bridge superstructure and facility improvements.
KS	NWD	ENS, FDRR, REC, WTR	MELVERN LAKE, KS	\$2,714,000		\$2,714,000		Funds are being used for routine O&M. Specific work activities include a water reallocation study (\$300,000).	
KS	NWD	ENS, FDRR, REC, WTR	MILFORD LAKE, KS	\$2,367,000		\$2,367,000		Funds are being used for routine O&M. Funds are also being used for specific work activities including repair of a control tower electrical system (\$27,000) and the rehabilitation of relief wells and collector ditches (\$104,000).	
KS	SWD	ENS, FDRR, REC, WTR	PEARSON - SKUBITZ BIG HILL LAKE, KS	\$3,799,000		\$3,799,000		Funds are being used for routine O&M. Funds are also being used for non-routine maintenance to repair the service gates and associated equipment (\$2,300,000).	
KS	NWD	ENS, FDRR, REC, WTR	PERRY LAKE, KS	\$3,227,000		\$3,227,000		Funds are being used for routine O&M and specific work activities including replacement of the restroom/shower house at Perry Park (\$150,000), sustainability work to install insulation, windows and doors (\$80,000), installation of five piezometers (\$125,000), and re-grade and placement of riprap on downstream outlet channels (\$105,000).	
KS	NWD	ENS, FDRR, REC, WTR	POMONA LAKE, KS	\$2,871,000		\$2,871,000		Funds are being used for routine O&M and specific work activities including repainting the service bridge (\$500,000), recreation improvement work for Cedar Park restroom and water facilities (\$95,000), and repair riprap and bedding in outlet (\$10,000).	
KS	NWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, KS	\$369,000		\$369,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
KS	SWD	ENS, FDRR, REC, WTR	TORONTO LAKE, KS	\$926,000		\$926,000		Funds are being used for routine O&M.	
KS	NWD	ENS, FDRR, REC, WTR	TUTTLE CREEK LAKE, KS	\$3,975,000		\$3,975,000		Funds are being used for routine O&M and specific work activities including replacement of the tainter gate controls (\$700,000), repair of concrete spalls and cracks on spillway piers 1, 3, 4, and 14 (\$130,000), a comprehensive master plan study (\$220,000), and dam safety relief well rejuvenation work (\$70,000).	
KS	NWD	ENS, FDRR, REC	WILSON LAKE, KS	\$1,766,000		\$1,766,000		Funds are being used for O&M and specific work activities including relief well rejuvenation (\$83,000).	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
KY	LRD	ENS, HYD, JOINT, NIH, REC, WTR	BARKLEY DAM AND LAKE BARKLEY, KY & TN	\$12,247,000		\$12,247,000		Funds are being used for routine O&M of the project and replacement of the electrical operating system for the lock and emergency dam.	
KY	LRD	ENS, FD RR, REC, WTR	BARREN RIVER LAKE, KY	\$3,233,000	\$160,000	\$3,393,000	5	Funds are being used for routine O&M.	Funds will be used for Cultural Resources Site Monitoring and Protection.
KY	LRD	NHS	BIG SANDY HARBOR, KY	\$1,865,000		\$1,865,000		Funds are being used for routine O&M activities.	
KY	LRD	ENS, FD RR, REC	BUCKHORN LAKE, KY	\$1,820,000		\$1,820,000		Funds are being used for routine O&M.	
KY	LRD	ENS, FD RR, REC, WTR	CARR CREEK LAKE, KY	\$1,850,000		\$1,850,000		Funds are being used for routine O&M. Funds are also being used to install efficiency improvements in recreation area restrooms.	
KY	LRD	ENS, FD RR, REC, WTR	CAVE RUN LAKE, KY	\$962,000		\$962,000		Funds are being used for routine O&M.	
KY	LRD	ENS, FD RR, REC	DEWEY LAKE, KY	\$1,920,000		\$1,920,000		Funds are being used for routine O&M.	
KY	MVD	NHS	ELVIS STAHR (HICKMAN) HARBOR, KY	\$915,000		\$915,000		Funds are being used for routine operation, maintenance, and limited harbor dredging to authorized channel dimensions.	
KY	LRD	ENS	FALLS OF THE OHIO NATIONAL WILDLIFE, KY & IN	\$43,000	\$10,000	\$53,000	5	Funds are being used for routine O&M.	Funds will be used to initiate analysis and curation of historic and prehistoric artifacts collection from two cultural sites.
KY	LRD	ENS, FD RR, REC	FISHTRAP LAKE, KY	\$2,190,000		\$2,190,000		Funds are being used for routine O&M activities, and to complete a Level One Inventory.	
KY	LRD	ENS, FD RR, REC, WTR	GRAYSON LAKE, KY	\$1,972,000		\$1,972,000		Funds are being used for routine O&M activities, to install solar panels, and to install an inflow monitoring system.	
KY	LRD	ENS, NIL	GREEN AND BARREN RIVERS, KY	\$3,420,000	\$150,000	\$3,570,000	1	Funds are being used for routine O&M. In addition, funds are being used to replace signage on Dam #2 (\$160,000), replace electrical wiring at Lock #1 (\$160,000), and replace the motor control center at both locks (\$600,000)	Funds will be used for Green River Lock and Dam 3-6 Disposal report for deauthorization.
KY	LRD	ENS, FD RR, REC, WTR	GREEN RIVER LAKE, KY	\$2,917,000		\$2,917,000		Funds are being used for routine O&M.	
KY	MVD	FD RR	INSPECTION OF COMPLETED WORKS, KY	\$1,271,000		\$1,271,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
KY	LRD	NIL	KENTUCKY RIVER, KY	\$10,000		\$10,000		Funds are being used for routine O&M.	
KY	LRD	ENS, HYD, JOINT, REC, WTR	LAUREL RIVER LAKE, KY	\$2,699,000		\$2,699,000		Funds are being used for routine O&M of the project and replacement of the existing SCADA system (\$500,000).	
KY	LRD	ENS, FD RR, REC, WTR	MARTINS FORK LAKE, KY	\$1,496,000		\$1,496,000		Funds are being used for routine O&M of the project and repairs to the stilling basin.	
KY	LRD	FD RR	MIDDLESBORO CUMBERLAND RIVER BASIN, KY	\$264,000		\$264,000		Funds are being used for routine O&M.	
KY	LRD	ENS, FD RR, REC, WTR	NOLIN LAKE, KY	\$2,880,000		\$2,880,000		Funds are being used for routine O&M.	
KY	LRD	ENS, NIH	OHIO RIVER LOCKS AND DAMS, KY, IL, IN & OH	\$47,331,000	\$9,236,000	\$56,567,000	3	Funds are being used for routine O&M activities and non-routine maintenance including: replacing worn pintle balls, contact blocks, and anchorages at Newburgh L&D; cost savings measures at John T. Myers, Newburgh, and Cannelton L&Ds and the Louisville Repair Station; plans and specifications for upstream and downstream replacement miter gates in the primary chamber at Cannelton L&D; and fabricating replacement upstream gates in the primary chamber at Cannelton L&D.	Funds will be used for emergency dewatering at Cannelton Locks and Dam, replace dam signage, dam repair at Locks and Dam 52 , repair Navigation Pass Rock Dike, and repair Bear Trap Rock Dike.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
KY	LRD	NIH	OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN, OH, PA & WV	\$5,800,000	\$500,000	\$6,300,000	3	Funds are being used for routine O&M. Areas requiring dredging will be dredged by contract, with after dredge surveys to verify satisfactory completion of the work. Other work to be performed includes updates of navigation charts, coordination with federal and state wildlife agencies regarding environmental impacts and mitigation measures, and state water quality certification.	Funds will be used for survey and maintenance dredging.
KY	LRD	ENS, FDRR, REC, WTR	PAINTSVILLE LAKE, KY	\$1,382,000		\$1,382,000		Funds are being used for routine O&M.	
KY	MVD	NOTH	PROJECT CONDITION SURVEYS, KY	\$1,000		\$1,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
KY	LRD	ENS, FDRR, REC, WTR	ROUGH RIVER LAKE, KY	\$4,300,000		\$4,300,000		Funds are being used for routine O&M. Funds are also being used to resolve previously identified encroachments on the flowage easement (\$250,000), to complete the real estate acquisition report (\$200,000), and to initiate implementation of actions identified in the real estate acquisition report once approved (\$550,000).	
KY	LRD	ENS, FDRR, REC	TAYLORSVILLE LAKE, KY	\$1,099,000		\$1,099,000		Funds are being used for routine O&M.	
KY	LRD	ENS, HYD, JOINT, REC, WTR	WOLF CREEK DAM, LAKE CUMBERLAND, KY	\$11,613,000		\$11,613,000		Funds are being used for routine O&M; repairing cable tunnel leakage (\$1,000,000); and repairing leaks in monolith 18 (\$1,125,000).	
KY	LRD	ENS, FDRR, REC, WTR	YATESVILLE LAKE, KY	\$1,574,000		\$1,574,000		Funds are being used for routine O&M activities and a water supply study.	
LA	MVD	NHD	ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF & BLACK, LA	\$6,645,000	\$9,000,000	\$15,645,000	2	Funds are being used to dredge critical reaches in Atchafalaya River, Crewboat Cut, Bay and Bar, perform channel condition surveys of the entire project and routine operation and maintenance, coordinate and prepare environmental compliance consistency, and continue monitoring the effectiveness of Value Engineering Study alternatives to improve navigation and to alleviate unconsolidated fluid mud in the bar channel.	Funds will be used for maintenance dredging.
LA	MVD	NHS	BARATARIA BAY WATERWAY, LA	\$100,000		\$100,000		Funds are being used for project management, hydrographic surveys, permit reviews, and to prepare for future dredging operations.	
LA	MVD	ENS, FDRR, REC	BAYOU BODCAU RESERVOIR, LA	\$1,512,000		\$1,512,000		Funds are being used for routine operation and maintenance and to perform slide repairs on the levee.	
LA	MVD	NHS	BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA	\$769,000		\$769,000		Funds are being used for project management, dredging, hydrographic surveys, environmental assessments, managing water level data, to reset gauges from National Geodetic Vertical Datum to North American Vertical Datum, permit applications, right-of-entry to dredged material disposal areas, foreshore and jetty rock repairs.	
LA	MVD	FDRR	BAYOU PIERRE, LA	\$42,000		\$42,000		Funds are being used for routine operation and maintenance.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
LA	MVD	NHS	BAYOU SEGNETTE WATERWAY, LA	\$20,000		\$20,000		Funds are being used for project management, hydrographic surveys, dredging preparation efforts, and to review permit applications.	
LA	MVD	NHS	BAYOU TECHE AND VERMILION RIVER, LA	\$12,000		\$12,000		Funds are being used for permit review for Teche Vermillion.	
LA	MVD	NHS	BAYOU TECHE, LA	\$50,000		\$50,000		Funds are being used for hydrographic surveys real estate management, maintenance dredging, and permit reviews.	
LA	MVD	FDRR, REC	CADDO LAKE, LA	\$198,000		\$198,000		Funds are being used for routine O&M.	
LA	MVD	NHD	CALCASIEU RIVER AND PASS, LA	\$20,759,000	\$12,920,000	\$34,556,000	2	Funds are being used for maintenance dredging, to operate and maintain the Saltwater Barrier Control Structure, hydrographic surveys, right-of-entry for dredged material disposal areas, to reduce encroachments, instrumentation data collection, environmental planning for dredging, and permit reviews.	Funds will be used to repair North East Bank, Paint Tainter Gates, Address Scour Holes, Disposal Area Maintenance, Perform Periodic Inspection, HARVEY Gage Datums and perform additional dredging of Calcasieu river bar channel.
LA	MVD	NHD	CALCASIEU RIVER AND PASS, LA		\$877,000		6		Donor and Energy Transfer Port
LA	MVD	NHS	FRESHWATER BAYOU, LA	\$1,424,000	\$400,000	\$1,824,000	1	Funds are being used for operating and maintaining Freshwater Bayou Lock, hydrographic surveys and collection of instrumentation/engineering data to monitor the lock's stability, sustainability energy savings, real estate, and permit reviews.	Funds will be used to repair lock guidewall.
LA	MVD	FDRR, NIH, REC	GULF INTRACOASTAL WATERWAY, LA	\$26,871,000		\$26,871,000		Funds are being used for dredging, hired labor maintenance and operating expenses on 6 GIWW locks, dewatering Harvey Lock, Algiers Lock concrete joint repairs, hydrographic surveys, and to collect and manage data from water level gauges.	
LA	MVD	NHD	HOUMA NAVIGATION CANAL, LA	\$979,000	\$8,500,000	\$9,479,000	2	Funds are being used for project management, for dredging operations, to perform hydrographic surveys, to provide right of entry for dredged material disposal areas, environmental monitoring, and to collect, manage, store and disseminate water level data.	Funds will be used for maintenance dredging.
LA	MVD	FDRR	INSPECTION OF COMPLETED WORKS, LA	\$866,000		\$866,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
LA	MVD	ENS, NIL, REC	J BENNETT JOHNSTON WATERWAY, LA	\$12,288,000		\$12,288,000		Funds are being used for O&M, maintenance dredging, and operation and maintenance of recreation/visitation areas.	
LA	MVD	NHS	LAKE PROVIDENCE HARBOR, LA	\$12,000		\$12,000		Funds are being used for surveys.	
LA	MVD	NHS	MADISON PARISH PORT, LA	\$150,000	\$146,000	\$296,000	4	Funds are being used for surveys and for annual maintenance dredging required to maintain authorized channel dimensions to ensure the harbor is open during low water periods.	Funds will be used for maintenance dredging.
LA	MVD	NHD	MERMENTAU RIVER, LA	\$1,246,000	\$2,230,000	\$3,476,000	2	Funds are being used for the operation and maintenance of the Catfish Point and Schooner Bayou Control Structures, and hydrographic surveys.	Funds will be used to elevate shop building; install gate walkways; repair riprap, clay, and sidewalk washouts at Catfish Point Control Structure; and perform real estate activities.
LA	MVD	NHS	MISSISSIPPI RIVER OUTLETS AT VENICE, LA	\$1,449,000		\$1,449,000		Funds are being used for project management, dredging, surveys, environmental assessments, permits, real estate management, and water level data.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
LA	MVD	NHD	MISSISSIPPI RIVER, BATON ROUGE TO THE GULF OF MEXICO, LA	\$83,846,000	\$15,000,000	\$101,929,000	2	Funds are being used for maintenance dredging to partial channel dimensions from Baton Rouge to the Gulf of Mexico (Southwest Pass, New Orleans Harbor, Crossings between Baton Rouge and New Orleans), channel surveys, salt water barrier sill, rock protection, jetty repairs, water management, environment, and real estate. This Funds are being used only provide partial channel dimensions, restricting transit of deep-draft commercial vessels through the largest US port complex.	Funds will be used for Head of Passes Disposal Area maintenance.
LA	MVD	NHD	MISSISSIPPI RIVER, BATON ROUGE TO THE GULF OF MEXICO, LA		\$3,083,000		6		Donor and Energy Transfer Port
LA	MVD	NOTH	PROJECT CONDITION SURVEYS, LA	\$54,000		\$54,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
LA	MVD	NOTH	REMOVAL OF AQUATIC GROWTH, LA	\$200,000		\$200,000		Funds are being used for work with State applicators to identify and treat specific point sources (if State resources are available) and to handle inquiries and complaints from the public regarding the expansion of water hyacinth, alligator weed, common salvinia and other noxious aquatic plants within District navigable waterways.	
LA	MVD	FDRR, REC	WALLACE LAKE, LA	\$213,000		\$213,000		Funds are being used for routine O&M.	
LA	MVD	NHS	WATERWAY FROM EMPIRE TO THE GULF, LA	\$8,000		\$8,000		Funds are being used for project management, for hydrographic surveys, Water Control Data Systems, and to review permit applications.	
LA	MVD	NHS	WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA	\$22,000		\$22,000		Funds are being used for project management, hydrographic surveys, preparations for future dredging contracts, and permit application reviews.	
MA	NAD	ENS, FDRR, REC	BARRE FALLS DAM, MA	\$579,000		\$579,000		Funds are being used to perform routine O&M.	
MA	NAD	ENS, FDRR, REC	BIRCH HILL DAM, MA	\$841,000		\$841,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$70,000 to conduct an intensive cultural resource survey of the project lands. There is \$71,000 in sustainability funding to install a solar array at the project.	
MA	NAD	NHD	BOSTON HARBOR, MA	\$0	\$350,000	\$350,000	2		Funds will be used for claim settlement.
MA	NAD	ENS, FDRR, REC	BUFFUMVILLE LAKE, MA	\$933,000		\$933,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$130,000 to update inflow design flood and conduct bathymetric and LiDAR surveys, and \$175,000 to conduct seepage and seismic evaluations of the project.	
MA	NAD	ENS, NHD, REC	CAPE COD CANAL, MA	\$13,753,000		\$13,753,000		Funds are being used to perform routine operation and maintenance of the project. These funds include \$770,000 to conduct required inspections of the Bourne Highway Bridge and the Railroad Bridge. In addition, non-routine work will be funded for \$2,500,000 to complete repairs to the Sandwich Bulkhead and \$1,680,000 to complete deck joint replacement on the Bourne Highway Bridge.	
MA	NAD	ENS, FDRR, REC	CHARLES RIVER NATURAL VALLEY STORAGE AREA, MA	\$353,000		\$353,000		Funds are being used to perform routine O&M.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MA	NAD	ENS, FD RR, REC	CONANT BROOK LAKE, MA	\$495,000		\$495,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$92,000 to update the utilities at the dam site.	
MA	NAD	ENS, FD RR, REC	EAST BRIMFIELD LAKE, MA	\$986,000		\$986,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$290,000 to conduct dam safety work including conduction a slope protection evaluation and installing additional piezometers in the main dam; and \$200,000 to rehabilltee the old Morse Road Bridge.	
MA	NAD	NHS	GLOUCESTER HARBOR AND ANNISQUAM RIVER,MA	\$0	\$6,000,000	\$6,000,000	4		Funds will be used for maintenance dredging.
MA	NAD	NHS	GREEN HARBOR, MA	\$0	\$200,000	\$200,000	4		Funds will be used for maintenance dredging.
MA	NAD	ENS, FD RR, REC	HODGES VILLAGE DAM, MA	\$845,000		\$845,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$210,000 to update electrical service at the gatehouse and replace the gatehouse roof.	
MA	NAD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, MA	\$20,000		\$20,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
MA	NAD	FD RR	INSPECTION OF COMPLETED WORKS, MA	\$307,000		\$307,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
MA	NAD	ENS, FD RR, REC	KNIGHTVILLE DAM, MA	\$1,054,000		\$1,054,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$156,000 to replace worn cable gates, \$80,000 to install new log bloom logs and \$100,000 to initiate a master plan.	
MA	NAD	ENS, FD RR, REC, WTR	LITTLEVILLE LAKE, MA	\$991,000		\$991,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$220,000 to rebuild limitorques and \$5,000 to conduct hydraulic analysis of spillway capacity.	
MA	NAD	FD RC	NEW BEDFORD FAIRHAVEN AND ACUSHNET HURRICANE BARRIER, MA	\$1,302,000		\$1,302,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$790,000 for sector gate steel repairs.	
MA	NAD	NHS	NEWBURYPORT HARBOR, MA	\$200,000		\$200,000		Funds are being used to complete environmental coordination and prepare plans and specifications for proposed maintenance dredging of about 180,000 cubic yards of material from the project to restore authorized dimensions.	
MA	NAD	NHD	PLYMOUTH HARBOR, MA	\$500,000	\$13,500,000	\$14,000,000	2	Funds are being used to complete environmental coordination and prepare plans and specifications for proposed maintenance dredging of about 384,000 cubic yards of material from the 18-foot outer channel with placement at the Mass Bay Disposal Site. Funds of \$200,000 will be used to complete environmental coordination and prepare plans and specifications for repair of Long Beach Dike.	Funds will be used for maintenance dredging.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MA	NAD	NOTH	PROJECT CONDITION SURVEYS, MA	\$1,000,000		\$1,000,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
MA	NAD	ENS, FD RR, REC	TULLY LAKE, MA	\$1,145,000		\$1,145,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$450,000 to complete repairs to the Tully Spillway Bridge and \$30,000 to replace basin and project boilers.	
MA	NAD	ENS, FD RR, REC	WEST HILL DAM, MA	\$781,000		\$781,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$70,000 to complete access road bridge repairs.	
MA	NAD	ENS, FD RR, REC	WESTVILLE LAKE, MA	\$1,070,000		\$1,070,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded to upgrade the electrical distribution system (\$205,000) and to conduct road repairs (\$254,000).	
MD	NAD	NHD	BALTIMORE HARBOR AND CHANNELS (50 FOOT), MD	\$25,557,000	\$3,960,000	\$29,517,000	6	Funds are being used for maintenance dredging and for conducting condition surveys.	Donor and Energy Transfer Port
MD	NAD	NOTH	BALTIMORE HARBOR, MD (DRIFT REMOVAL)	\$325,000		\$325,000		Funds are being used to provide drift collection and removal operations to support the Port of Baltimore to ensure that commercial vessels have safe passage free of obstructions.	
MD	NAD	FD RR	CUMBERLAND, MD AND RIDGELEY, WV	\$171,000		\$171,000		Funds are being used for routine O&M.	
MD	NAD	FD RR	INSPECTION OF COMPLETED WORKS, MD	\$196,000		\$196,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
MD	NAD	ENS, FD RR, REC, WTR	JENNINGS RANDOLPH LAKE, MD & WV	\$3,700,000		\$3,700,000		Funds are being used for routine O&M.	
MD	NAD	NHS	KNAPPS NARROWS, MD	\$2,300,000		\$2,300,000		Funds are being used for maintenance dredging.	
MD	NAD	NHS	OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD	\$250,000	\$500,000	\$750,000	4	Funds are being used for maintenance dredging.	Funds will be used for maintenance dredging.
MD	NAD	NOTH	PROJECT CONDITION SURVEYS, MD	\$450,000		\$450,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
MD	NAD	ENS	SCHEDULING RESERVOIR OPERATIONS, MD	\$78,000		\$78,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
MD	NAD	NHS	WICOMICO RIVER, MD	\$2,000,000		\$2,000,000		Funds are being used for maintenance dredging.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
ME	NAD	NHD	CAPE PORPOISE HARBOR, ME	\$0	\$2,500,000	\$2,500,000	2		Funds will be used for maintenance dredging.
ME	NAD	NHD	DISPOSAL AREA MONITORING, ME	\$1,050,000		\$1,050,000		Funds are being used to perform annual disposal site monitoring; including condition surveys, sediment sampling and testing, repositioning of disposal site buoys and preparation of several monitoring study reports.	
ME	NAD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, ME	\$5,000		\$5,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
ME	NAD	FDRR	INSPECTION OF COMPLETED WORKS, ME	\$95,000		\$95,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
ME	NAD	NOTH	PROJECT CONDITION SURVEYS, ME	\$1,000,000		\$1,000,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
ME	NAD	NHS	SACO RIVER, ME	\$4,200,000		\$4,200,000		Funds are being used to award a fully funded base bid contract with options to perform maintenance dredging of about 140,000 cubic yards of material from the 8-foot channel and anchorage with in-river placement and beach re-nourishment.	
ME	NAD	FDRR	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ME	\$30,000		\$30,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
ME	NAD	NHS	WELLS HARBOR, ME	\$400,000		\$400,000		Funds are being used to perform maintenance dredging of the 8-foot entrance channel using the government dredge CURRITUCK. About 5,000 cubic yards of sandy material would be removed and placed at a near shore site off Wells Beach.	
ME	NAD	NHS	YORK HARBOR, ME	\$2,500,000		\$2,500,000		Funds are being used to award a fully funded contract to perform maintenance dredging of about 42,000 cubic yards of material from the 10-foot channel and 8-foot anchorages with placement at the Cape Arundel Disposal Site.	
MI	LRD	NHS	ARCADIA HARBOR, MI	\$0	\$225,000	\$225,000	4		Funds will be used for maintenance dredging.
MI	LRD	NHS	AU SABLE HARBOR, MI	\$0	\$420,000	\$420,000	4		Funds will be used for maintenance dredging.
MI	LRD	NHS	BIG BAY HARBOR, MI	\$0	\$250,000	\$250,000	4		Funds will be used for maintenance dredging.
MI	LRD	NHS	BOLLES HARBOR, MI	\$0	\$265,000	\$265,000	4		Funds will be used for maintenance dredging.
MI	LRD	NHS	CASEVILLE HARBOR, MI	\$0	\$325,000	\$325,000	4		Funds will be used for maintenance dredging.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MI	LRD	NHD	CHANNELS IN LAKE ST CLAIR, MI	\$185,000	\$1,000,000	\$1,185,000	2	Funds are being used for routine operation and maintenance for navigation within the Channels in Lake St. Clair. Routine operation includes completion of project condition surveys at critical locations throughout the navigation channels and notification of any critical shoals within the channels.	Funds will be used for maintenance dredging.
MI	LRD	ENS, NHD	DETROIT RIVER, MI	\$5,344,000		\$5,344,000		Funds are being used for routine O&M for navigation in the Detroit River. Work includes project condition surveys, strike removal using government equipment, and disposal facility maintenance by contract to ensure the facility is prepared to accept future disposal of dredged material. Funding is also being used for maintaining compliance with the National Historic Preservation Act and with the Historic Management Plan.	
MI	LRD	NHD	FRANKFORT HARBOR, MI	\$0	\$400,000	\$400,000	2		Funds will be used for maintenance dredging.
MI	LRD	ENS, NHD	GRAND HAVEN HARBOR, MI	\$1,112,000		\$1,112,000		Funds are being used for routine O&M for navigation within Grand Haven Harbor. Work includes project condition surveys and maintenance dredging of the outer harbor. Funding is also being used for maintaining compliance with the National Historic Preservation Act.	
MI	LRD	NHD	HOLLAND HARBOR, MI	\$1,600,000		\$1,600,000		Funds are being used for routine operation and maintenance (O&M) for navigation within Holland Harbor. Work includes project condition surveys and maintenance dredging of the inner and outer harbors.	
MI	LRD	NHS	INLAND ROUTE, MI	\$50,000		\$50,000		Funds are being used for routine maintenance for the navigation lock, including annual mechanical inspection and minor repairs as necessary to ensure user and operator safety	
MI	LRD	FDRR	INSPECTION OF COMPLETED WORKS, MI	\$222,000		\$222,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
MI	LRD	ENS	KEWEENAW WATERWAY, MI	\$12,000	\$925,000	\$937,000	2	Funds are being used for compliance with State and Federal historic preservation requirements.	Funds will be used for maintenance dredging and for breakwater maintenance.
MI	LRD	NHS	LEXINGTON HARBOR, MI	\$0	\$270,000	\$270,000	4		Funds will be used for maintenance dredging.
MI	LRD	NHD	MANISTEE HARBOR, MI	\$663,000		\$663,000		Funds are being used for routine operation and maintenance for navigation, including completion of project condition surveys and maintenance dredging at critical locations throughout the navigation channel.	
MI	LRD	NHD	MONROE HARBOR, MI	\$650,000		\$650,000		Funds are being used for routine O&M for navigation, including maintenance dredging to remove critical shoaling.	
MI	LRD	NHS	NEW BUFFALO HARBOR, MI	\$0	\$275,000	\$275,000	4		Funds will be used for maintenance dredging.
MI	LRD	NHD	ONTONAGON HARBOR, MI	\$0	\$1,500,000	\$1,500,000	2		Funds will be used for maintenance dredging.
MI	LRD	NHD	PENTWATER HARBOR, MI	\$0	\$265,000	\$265,000	2		Funds will be used for maintenance dredging.
MI	LRD	NHS	PORT SANILAC HARBOR, MI	\$0	\$225,000	\$225,000	4		Funds will be used for maintenance dredging.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MI	LRD	NOTH	PROJECT CONDITION SURVEYS, MI	\$746,000		\$746,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
MI	LRD	NHS	ROUGE RIVER, MI	\$0	\$800,000	\$800,000	2		Funds will be used for maintenance dredging.
MI	LRD	NHD	SAGINAW RIVER, MI	\$4,044,000		\$4,044,000		Funds are being used for routine operation and maintenance (O&M) for navigation. Activities include project condition surveys, maintenance dredging to provide minimum functional depth at the most critical portions of the navigation channel, ground water sampling at the Upper Saginaw D MDF and maintenance of the Bay CDF dikes.	
MI	LRD	NHD	SAUGATUCK HARBOR, KALAMAZOO RIVER, MI	\$0	\$375,000	\$375,000	2		Funds will be used for maintenance dredging.
MI	LRD	FDRR	SEBEWAING RIVER, MI	\$54,000		\$54,000		Funds are being used for routine O&M of the flood control project, support to annual, spring ice-breaking activities required to alleviate ice jams that could cause flooding and to implement interim risk reduction measures related to levee safety concerns.	
MI	LRD	NHD	SOUTH HAVEN HARBOR, MI	\$0	\$365,000	\$365,000	2		Funds will be used for maintenance dredging.
MI	LRD	NHD	ST CLAIR RIVER, MI	\$699,000		\$699,000		Funds are being used for routine O&M for navigation in the St. Clair River and will include project condition surveys and strike removal.	
MI	LRD	NHD	ST JOSEPH HARBOR, MI	\$765,000		\$765,000		Funds are being used for routine operation and maintenance for navigation including completion of project condition surveys and maintenance dredging of the outer harbor.	
MI	LRD	ENS, HYD, JOINT, NHD, REC	ST MARYS RIVER, MI	\$38,440,000	\$7,345,000	\$46,285,000	2	Funds are being used for routine O&M of the project visitor center, routine O&M of two active navigation locks, project condition surveys, strike removal, completion of repairs to navigation channel guide walls, and routine O&M of the Federal hydropower plant that houses four generating units. In addition, non-routine Funds are being used for the maintenance and upgrade of various hydro power plant components (SCADA System, Excitation and Governor Systems, Unit 3A Trash Rack & Unit 10 structure and equipment assessment), repairs to the MacArthur Lock embedded gate anchorages (\$3,300,000), the MacArthur Lock dewatering bulkheads (\$2,250,000) and to complete repairs to the West Center Pier, as well as engineering and design for the Davis pump well rehabilitation (\$300,000).	Funds will be used for engineering and design for Asset Renewal of Poe Lock Gate 1, Miter Gate Pendants, MacArthur Lock Ship Arrestor Boom Rehab, MacArthur Lock Bulkhead Fabrication, Emergency Power, Emergency Open Flow Lock Closure Measures, and waterway safety signage
MI	LRD	ENS, HYD, JOINT, NHD, REC	ST MARYS RIVER, MI		\$500,000		5		Funds will be used for hydropower unit scaffolding.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MI	LRD	FDRC	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MI	\$2,912,000		\$2,912,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
MI	LRD	NHD	WHITE LAKE HARBOR, MI	\$0	\$305,000	\$305,000	2		Funds will be used for maintenance dredging.
MI	LRD	NHS	WHITEFISH POINT HARBOR, MI	\$0	\$305,000	\$305,000	4		Funds will be used for maintenance dredging.
MN	MVD	ENS, FDRR	BIGSTONE LAKE - WHETSTONE RIVER, MN & SD	\$290,000		\$290,000		Funds are being used for routine operation and maintenance.	
MN	LRD	ENS, NHD, REC	DULUTH - SUPERIOR HARBOR, MN & WI	\$7,594,000	\$500,000	\$8,094,000	2	Funds are being used for routine O&M for navigation within the Duluth-Superior Harbor. Work includes project condition surveys, navigation structure repairs using government equipment, maintenance dredging to provide minimum functional depth at the most critical portions of this Federal channel, and continuing efforts on development of asset renewal processes and information for Great Lakes navigation structures. Funding is also being used for routine O&M of the project's regional visitor center and the Lake Superior maritime museum, and compliance with State and Federal historic preservation requirements.	Funds will be used for maintenance of coastal structures.
MN	MVD	FDRR	INSPECTION OF COMPLETED WORKS, MN	\$401,000		\$401,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
MN	MVD	ENS, FDRR, REC	LAC QUI PARLE LAKES, MINNESOTA RIVER, MN	\$1,115,000	\$50,000	\$1,165,000	5	Funds are being used for routine O&M activities.	Funds will be used to complete Phase 1 of the archeological survey and develop a cultural resources/historic properties management plan for 518 acres of project lands.
MN	MVD	NHS	MINNESOTA RIVER, MN	\$263,000		\$263,000		Funds are being used for routine operation and maintenance activities, including dredging.	
MN	MVD	ENS, NIH, REC	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN	\$84,535,000	\$5,860,000	\$94,795,000	1	Funds are being used for routine (O&M) activities, which includes fleet maintenance, dredging, environmental compliance, water control and analysis, and maintenance of lock and dam (L&D) structures. Non-routine maintenance items include channel dredging in Pool 2, installation of L&D 2 miter gates, embankment strengthening at structures at L&D 4, guidewall crib and tow haulage rehabilitation at L&D 4, guidewall crib rehabilitation at L&D 5A, miter gate replacement at L&D 5A and 8, sheet pile installation at Lock 5, and embankment rehabilitation evaluation at L&D 5A.	Funds will be used to rehabilitate the guidewall cribs at Locks & Dams 4 and 5A and rehabilitate the tow haulage at Lock & Dam 4.
MN	MVD	ENS, NIH, REC	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN		\$4,100,000		3		Funds will be used to prepare the Dredged Material Management Plan and rehabilitate the guidewall cribs at Locks & Dams 5 and 6.
MN	MVD	ENS, NIH, REC	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN		\$300,000		5		Funds will be used for a comprehensive update of the project Master Plan.
MN	MVD	ENS, FDRR, REC	ORWELL LAKE, MN	\$592,000		\$592,000		Funds are being used for routine O&M activities.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MN	LRD, MVD	NOTH	PROJECT CONDITION SURVEYS, MN	\$96,000		\$96,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
MN	MVD	ENS, FDRR	RED LAKE RESERVOIR, MN	\$181,000		\$181,000		Funds are being used for routine O&M activities.	
MN	MVD	ENS, FDRR, REC	RESERVOIRS AT HEADWATERS OF MISSISSIPPI RIVER, MN	\$4,924,000	\$329,000	\$5,253,000	5	Funds are being used for routine O&M activities. Additional funds are being used to initiate plans and specifications for Sandy Lake dam rehabilitation and to conduct a level 2 inventory of threatened and endangered species on project lands.	Funds will be used for Gull Lake Dam Emergency Road Instability Repair and Burial Mound Protection.
MN	LRD, MVD	FDRC	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MN	\$509,000		\$509,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
MN	LRD	NHD	TWO HARBORS, MN	\$0	\$250,000	\$250,000	2		Funds will be used for breakwater repairs.
MO	MVD	NHS	CARUTHERSVILLE HARBOR, MO	\$815,000		\$815,000		Funds are being used for routine operation, maintenance, and limited harbor dredging to authorized channel dimensions.	
MO	MVD	ENS, FDRR, HYD, JOINT, NOTH, REC, WTR	CLARENCE CANNON DAM AND MARK TWAIN LAKE, MO	\$6,994,000	\$132,000	\$7,126,000	5	Funds are being used for routine operation and maintenance; receiving customer funds to replace and refurbish the excitation system and voltage regulators at the power plant, rehabilitate two lift stations at the power plant, install an emergency safety alert tornado system in three project campgrounds, and complete new displays for the visitor center complex.	Funds will be used for non-routine facility improvements.
MO	SWD	ENS, FDRR, REC	CLEARWATER LAKE, MO	\$4,348,000		\$4,348,000		Funds are being used for scheduled operation and maintenance activities and to rehabilitate the bulkhead bridge crane.	
MO	NWD	ENS, HYD, JOINT, REC, WTR	HARRY S TRUMAN DAM AND RESERVOIR, MO	\$19,617,000		\$19,617,000		Funds are being used for routine O&M and compliance with NERC reliability standard activities (\$50,000). Additional funds are being used for specific work activities including the replacement of a volt regulator (\$5,060,000), programmable logic controller upgrades (\$435,000), digital governor controller upgrades (\$345,000), replacement of three air handler units (\$200,000), sustainability work for lighting fixtures and soffit insulation totaling (\$288,000), complete a hydrologic adequacy study (\$225,000), installation of waterstops 7/8 (\$350,000), and installation of waterstop joint repair 9/10 and 11/12 (\$800,000).	
MO	NWD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, MO	\$2,000		\$2,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MO	MVD, NWD, SWD	FDRC, FDRR	INSPECTION OF COMPLETED WORKS, MO	\$1,305,000		\$1,305,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
MO	NWD	ENS, FDRR, REC	LITTLE BLUE RIVER LAKES, MO	\$1,114,000		\$1,114,000		Funds are being used for routine O&M.	
MO	NWD	ENS, FDRR, REC, WTR	LONG BRANCH LAKE, MO	\$1,443,000		\$1,443,000		Funds are being used for routine O&M. Funds are also being used for specific work activities including repair and replace tower structural members (\$615,000).	
MO	MVD	ENS, FDRR, NIH, REC	MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO & IL	\$29,948,000	\$1,100,000	\$31,048,000	3	Funds are being used for O&M, including Lock 27, 16 miles of Chain of Rocks Levee, 195 miles of open river to include St. Louis Harbor, dredging, dike and revetment repairs, inventory project lands for environmental stewardship and restoration, recreational access, public education, and environmental compliance. Funds will also be used to complete critical non-routine backlog repairs to navigation infrastructure to include hoisting chains and counterweight basket repairs to the liftgate system at Lock 27.	Funds will be used at Lock 27 to upgrade the electrical service and closed circuit TV system.
MO	MVD	NHS	NEW MADRID COUNTY HARBOR, MO	\$10,000	\$515,000	\$525,000	4	Funds are being used for collection of limited navigation channel surveys. This information will be provided to local sponsors for use in determining the channel condition and navigation hazards.	Funds will be used for maintenance dredging.
MO	MVD	NHS	NEW MADRID HARBOR, MO (MILE 889)	\$15,000	\$500,000	\$515,000	1	Funds are being used to collect limited navigation channel surveys. This information will be provided to local sponsors for use in determining the channel condition and navigation hazards.	Funds will be used for maintenance dredging.
MO	NWD	ENS, FDRR, REC, WTR	POMME DE TERRE LAKE, MO	\$3,406,000		\$3,406,000		Funds are being used for routine O&M and specific work activities including repair of the emergency gate lifting beam (\$250,000); phase II of the water reallocation study (\$300,000); and sustainability work for installation of lighting sensors in the project office (\$10,000).	
MO	MVD	NOTH	PROJECT CONDITION SURVEYS, MO	\$1,000		\$1,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
MO	NWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, MO	\$169,000		\$169,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
MO	NWD	ENS, FDRR, REC, WTR	SMITHVILLE LAKE, MO	\$1,799,000		\$1,799,000		Funds are being used for routine O&M and specific work activities including replacement of a forced main sewer line (\$51,000), replacement of crane wire ropes (\$31,000), service bridge pier repair work (\$50,000), and cultural resource site archeological excavation work (\$150,000).	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MO	MVD	NHS	SOUTHEAST MISSOURI PORT, MISSISSIPPI RIVER, MO	\$9,000		\$9,000		Funds are being used for coordination with Port Authority on current conditions and minimal dredging to include environmental certifications and supervision and administration.	
MO	NWD	ENS, HYD, JOINT, REC, WTR	STOCKTON LAKE, MO	\$5,754,000	\$225,000	\$5,979,000	5	Funds are being used for routine O&M and specific work including hydropower Supervisory, Control and Data Acquisition (SCADA) work (\$200,000), sustainability work for the replacement of a water system at Hawker Point South and Orleans Trail Parks (\$80,000), sustainability work of replacement of overhead street lights (\$25,000), sustainability work for the replacement of a water system at Crabtree and Ruark Bluff Parks (\$90,000), sustainability work for electric efficiency for eight shower buildings (\$30,000), construction of ten volunteer host sites (\$50,000), and repair work on spillway and apron (\$120,000).	Funds will be used to complete the water supply Reallocation Study.
MO	SWD	ENS, FDRR, HYD, JOINT, REC, WTR	TABLE ROCK LAKE, MO & AR	\$10,354,000		\$10,354,000		Funds are being used for scheduled O&M activities, to replace sluice gate, sump pump, and gallery lighting wiring, and to repair heating, ventilation, and air conditioning (HVAC) at power plant.	
MS	MVD	NHS	CLAIBORNE COUNTY PORT, MS	\$1,000		\$1,000		Funds are being used for routine maintenance in support of flood risk management to include clearing and snagging.	
MS	SAD	FDRR	EAST FORK, TOMBIGBEE RIVER, MS	\$285,000		\$285,000		Funds are being used for routine maintenance in support of flood risk management to include clearing and snagging.	
MS	SAD	NHD	GULFPORT HARBOR, MS	\$6,350,000	\$3,000,000	\$9,350,000	2	Funds are being used for routine maintenance.	Funds will be used for maintenance dredging.
MS	MVD, SAD	FDRR	INSPECTION OF COMPLETED WORKS, MS	\$86,000		\$86,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
MS	MVD	NHS	MOUTH OF YAZOO RIVER, MS	\$30,000		\$30,000		Funds are being used for surveys.	
MS	SAD	ENS, FDRR, REC, WTR	OKATIBBEE LAKE, MS	\$2,095,000	\$250,000	\$2,345,000	5	Funds are being used for routine O&M. Non-routine activities include master plan completion (\$100,000) and development of Cultural/Historical Resource Property Plan (\$40,000). Sustainability activities include installation of HVAC system (\$25,000) and purchase of electric vehicles (\$12,000).	Funds will be used for maintenance dredging.
MS	SAD	NHD	PASCAGOULA HARBOR, MS	\$5,116,000		\$5,116,000		Funds are being used for routine operations and maintenance in support of navigation	
MS	MVD	NIL	PEARL RIVER, MS & LA	\$150,000		\$150,000		Funds are being used to maintain project in a caretaker status.	
MS	MVD, SAD	NOTH	PROJECT CONDITION SURVEYS, MS	\$151,000		\$151,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
MS	MVD	NHS	ROSEDALE HARBOR, MS	\$8,000	\$1,190,000	\$1,198,000	1	Funds are being used to perform surveys.	Funds will be used for maintenance dredging.
MS	SAD	NOTH	WATER/ENVIRONMENTAL CERTIFICATION, MS	\$40,000		\$40,000		Funds are being used for miscellaneous consultation and environmental data calls on small projects throughout Mississippi.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
MS	MVD	NHS	YAZOO RIVER, MS	\$19,000	\$131,000	\$150,000	4	Funds are being used to perform minimum channel surveys.	Funds will be used for channel maintenance clearing & snagging.
MT	NWD	ENS, JOINT, REC, WTR	FT PECK DAM AND LAKE, MT	\$6,035,000		\$6,035,000		Funds are being used for routine O&M. Funds are also being used for modernization of shaft control building cranes (\$450,000) and for replacement of the waterline to the West End Campground (\$31,000).	
MT	NWD	FDRR	INSPECTION OF COMPLETED WORKS, MT	\$232,000		\$232,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
MT	NWD	ENS, JOINT, REC	LIBBY DAM, MT	\$2,726,000		\$2,726,000		Funds are being used for routine O&M. Sustainability work includes installing energy efficient lighting and retrofitting existing ballasts and fixtures.	
MT	NWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, MT	\$121,000		\$121,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
NC	SAD	NIL	ATLANTIC INTRACOASTAL WATERWAY, NC	\$2,812,000		\$2,812,000		Funds are being used for routine operations and maintenance in support of navigation.	
NC	SAD	ENS, FDRR, REC, WTR	B EVERETT JORDAN DAM AND LAKE, NC	\$2,385,000		\$2,385,000		Funds are being used for routine operations and maintenance in support of flood risk management, recreation, water supply, and environmental stewardship. Non-routine work includes refurbish/replace 2nd of four main water control gates (\$540,000) and fund Public Safety Student Conservation Association Intern to promote water safety at project (\$18,000). Sustainability work on this project includes water line efficiency upgrades (\$80,000).	
NC	SAD	NHD, REC	CAPE FEAR RIVER ABOVE WILMINGTON, NC	\$462,000		\$462,000		Funds are being used for routine operations in support of navigation and recreation.	
NC	SAD	ENS, FDRR, REC, WTR	FALLS LAKE, NC	\$2,494,000		\$2,494,000		Funds are being used for routine operations and maintenance in support of flood risk management, environmental stewardship, recreation and water supply, and sustainability work. Non-routine flood risk management activities include repair and replacement of piezometers (\$137,000), addition of downstream piezometers in the embankment (\$75,000), and refurbish/replace one water control gate (\$545,000).	
NC	SAD	FDRR	INSPECTION OF COMPLETED WORKS, NC	\$205,000		\$205,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
NC	SAD	NHS	MANTEO (SHALLOWBAG) BAY, NC	\$4,790,000		\$4,790,000		Funds are being used for routine operations and maintenance in support of navigation.	
NC	SAD	NIL	MASONBORO INLET AND CONNECTING CHANNELS, NC	\$50,000		\$50,000		Funds are being used for routine operations in support of navigation.	
NC	SAD	NHD	MOREHEAD CITY HARBOR, NC	\$5,570,000	\$12,600,000	\$18,170,000	2	Funds are being used for routine operations and maintenance in support of navigation.	Funds will be used for maintenance dredging.
NC	SAD	NIL	NEW RIVER INLET, NC	\$250,000		\$250,000		Funds are being used to perform routine maintenance.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
NC	SAD	NOTH	PROJECT CONDITION SURVEYS, NC	\$700,000		\$700,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
NC	SAD	NHS	ROLLINSON CHANNEL, NC	\$1,000,000		\$1,000,000		Funds are being used for minimal maintenance in support of navigation.	
NC	SAD	NHS	SILVER LAKE HARBOR, NC	\$500,000		\$500,000		Funds are being used for routine operation and maintenance activities.	
NC	SAD	ENS, FDRR, REC, WTR	W KERR SCOTT DAM AND RESERVOIR, NC	\$3,363,000		\$3,363,000		Funds are being used for routine operations and maintenance in support of flood risk management, recreation, environmental stewardship, and water supply. Non-routine activities include fabricating emergency gate hoist (\$150,000) and providing for Water Safety Intern (\$18,000). There was a total of \$115,000 for sustainability work on the project to upgrade the HVAC system and windows to be Energy-Star certified.	
NC	SAD	NHD	WILMINGTON HARBOR, NC	\$14,739,000	\$7,500,000	\$22,239,000	2	Funds are being used for routine operations and maintenance in support of navigation.	Funds will be used for maintenance dredging.
ND	NWD	ENS, FDRR, REC, WTR	BOWMAN HALEY, ND	\$249,000	\$17,000	\$266,000	5	Funds are being used for routine O&M. Additional funds in the amount of \$50,000 are being used for automation of the new instrumentation.	Funds will be used for pest and invasive species management.
ND	NWD	ENS, FDRR, HYD, JOINT, REC, WTR	GARRISON DAM, LAKE SAKAKAWEA, ND	\$19,938,000	\$48,000	\$19,986,000	5	Funds are being used for routine O&M. Additional funds are being used for specific work including to replace failed levee monitoring instrumentation, rehabilitate instrumentation, and place additional instrumentation in key areas on the Williston Levee (\$686,000); to rehabilitate a failed intake structure bridge crane (\$1,000,000); to rehabilitate pumps at the Williston Levee pump plant (\$1,150,000); to rehabilitate the Williston Levee crest and toe roads (\$2,000,000); for boundary inspection and marking (\$286,000), and to repair power plant generator bay roof panels (\$256,000).	Funds will be used for pest and invasive species management and real estate work.
ND	MVD	ENS, FDRR	HOMME LAKE, ND	\$338,000		\$338,000		Funds are being used for routine O&M activities.	
ND	MVD, NWD	FDRR	INSPECTION OF COMPLETED WORKS, ND	\$374,000		\$374,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
ND	MVD	ENS, FDRR, REC	LAKE ASHTABULA AND BALDHILL DAM, ND	\$1,747,000		\$1,747,000		Funds are being used for routine O&M activities. Funding is also being used to perform survey and rectification of the government boundary line.	
ND	NWD	ENS, FDRR, REC	PIPESTEM LAKE, ND	\$716,000		\$716,000		Funds are being used for routine O&M. In addition, \$105,000 is being used to improve accessibility to the right abutment coulee for dam safety monitoring.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
ND	NWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, ND	\$121,000		\$121,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
ND	MVD	FDRR	SOURIS RIVER, ND	\$1,584,000		\$1,584,000		Funds are being used for routine O&M activities. Nonroutine activities include replacement of dam bulkheads at Lake Darling dam (\$1,200,000).	
ND	MVD	FDRR	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ND	\$82,000		\$82,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
NE	NWD	ENS, HYD, JOINT, REC, WTR	GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE & SD	\$11,196,000		\$11,196,000		Funds are being used for routine O&M. Funds are also being used for specific work activities including to replace monolith joint waterstops to reduce leakage into the powerhouse (\$684,000); to perform fitness for service analysis for spillway gates (\$500,000); to rehabilitate the potable water distribution system (\$125,000); for an electric vehicle charging station (\$15,000); and to rehabilitate generator fire suppression systems (\$265,000).	
NE	NWD	ENS, FDRR, REC	HARLAN COUNTY LAKE, NE	\$2,483,000		\$2,483,000		Funds are being used for routine O&M. Non-routine work consists of \$220,000 for the development of an historical properties plan.	
NE	NWD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, NE	\$3,000		\$3,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
NE	NWD	FDRR	INSPECTION OF COMPLETED WORKS, NE	\$932,000		\$932,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
NE	NWD	FDRR	MISSOURI RIVER - KENSLERS BEND, NE TO SIOUX CITY, IA	\$96,000		\$96,000		Funds are being used for routine O&M.	
NE	NWD	ENS, FDRR, REC	PAPILLION CREEK, NE	\$1,000,000	\$60,000	\$1,060,000	5	Funds are being used for routine O&M.	Funds will be used for boundary inspection and maintenance.
NE	NWD	ENS, FDRR, REC	SALT CREEKS AND TRIBUTARIES, NE	\$1,546,000	\$150,000	\$1,696,000	5	Funds are being used for routine O&M.	Funds will be used for boundary inspection and maintenance.
NH	NAD	ENS, FDRR, REC	BLACKWATER DAM, NH	\$935,000		\$935,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$200,000 to complete repairs to the flood gate which is experience hydraulic leaks.	
NH	NAD	ENS, FDRR, REC	EDWARD MACDOWELL LAKE, NH	\$846,000		\$846,000		Funds are being used to perform routine O&M. In addition nonroutine work is being funding for \$53,000 to replace a tied gauge and ventilation system and \$100,000 to initiate a master plan. Funding also includes \$11,000 in sustainability funding to upgrade the office heating system.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
NH	NAD	ENS, FDRR, REC	FRANKLIN FALLS DAM, NH	\$1,664,000		\$1,664,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$130,000 to replace a log boom and \$818,000 for repairs to the inlet wall. Funding also includes \$11,000 for sustainability work to upgrade a heating system.	
NH	NAD	NHD	HAMPTON HARBOR, NH	\$0	\$275,000	\$275,000	4		Funds will be used to prepare documents required for maintenance dredging.
NH	NAD	ENS, FDRR, REC	HOPKINTON - EVERETT LAKES, NH	\$2,149,000		\$2,149,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$45,000 to replace crest monuments, update tail water rating curve and monitor joint deterioration, \$150,000 to service the limitorque gate operator assembly, \$271,000 for gatehouse repairs and \$280,000 to install piezometers.	
NH	NAD	FDRR	INSPECTION OF COMPLETED WORKS, NH	\$60,000		\$60,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
NH	NAD	ENS, FDRR, REC	OTTER BROOK LAKE, NH	\$1,689,000		\$1,689,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded to renovate old operators' quarters (\$670,000), to conduct upgrades to the Garage Warm Bay (\$25,000), and to repair an eroded flank (\$60,000).	
NH	NAD	NOTH	PROJECT CONDITION SURVEYS, NH	\$300,000		\$300,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
NH	NAD	ENS, FDRR, REC	SURRY MOUNTAIN LAKE, NH	\$1,191,000		\$1,191,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$160,000 to complete repairs to gate 3, and \$17,000 to replace primary electric conductors to gatehouse.	
NJ	NAD	NHD	ABSECON INLET, NJ	\$175,000		\$175,000		Funds are being used to perform surveys and maintenance dredging of the inlet.	
NJ	NAD	NHS	BARNEGAT INLET, NJ	\$450,000	\$950,000	\$1,400,000	4	Funds are being used to perform maintenance dredging of the inlet and to perform channel exams.	Funds will be used for maintenance dredging.
NJ	NAD	NHD	CAPE MAY INLET, NJ	\$200,000		\$200,000		Funds are being used to monitor the Cape May Inlet to Lower Township, NJ for beach erosion as a result of the channel and its structures.	
NJ	NAD	NHD	COLD SPRING INLET, NJ	\$380,000	\$295,000	\$675,000	2	Funds are being used to perform maintenance dredging with the government dredges CURRITUCK or MURDEN, channel surveys.	Funds will be used for maintenance dredging and perform an operational condition assessment of the jetty.
NJ	NAD	NHD	DELAWARE RIVER AT CAMDEN, NJ	\$15,000		\$15,000		Funds are being used for project monitoring.	
NJ	NAD	NHD	DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA & DE	\$27,370,000	\$6,050,000	\$33,420,000	2	Funds are being used for condition surveys, annual unitprice contract maintenance dredging, maintenance dredging with Government dredge McFARLAND required training, dredge material containment facility maintenance and dike construction, groundwater monitoring, leased equipment contracts, and real estate coordination on the newly constructed 45 foot deep navigation channel	Funds will be used to replace submerged pipeline and associated equipment and to perform disposal area maintenance at Pedricktown South.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
NJ	NAD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, NJ	\$15,000		\$15,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
NJ	NAD	FDRR	INSPECTION OF COMPLETED WORKS, NJ	\$427,000		\$427,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
NJ	NAD	NHS	MANASQUAN RIVER, NJ	\$435,000	\$235,000	\$670,000	4	Funds are being used to perform channel exams, maintenance dredging with the government dredge CURRITUCK or MURDEN, and management and monitoring of the project.	Funds will be used for maintenance dredging.
NJ	NAD	NHS	NEW JERSEY INTRACOASTAL WATERWAY, NJ	\$980,000	\$1,345,000	\$2,325,000	4	Funds are being used to perform channel surveys, communicate project performance to the U.S. Coast Guard and public, and execute real estate instruments and perform maintenance dredging of the ferry area.	Funds will be used for maintenance dredging.
NJ	NAD	NHD	NEWARK BAY, HACKENSACK AND PASSAIC RIVERS, NJ	\$25,300,000		\$25,300,000		Funds are being used for maintenance dredging of the various reaches of Port Newark Marine Terminal. Under existing LCA, project construction was cost-shared with The Port Authority of New York and New Jersey. LCA amendment has been submitted IAW with Section 101(b) of WRDA 1986 making O&M costs 100% Federal. Completion of Plans and Specs in preparation of the next maintenance dredging cycle. Award of maintenance dredging contract.	
NJ	NAD	FDRR	PASSAIC RIVER FLOOD WARNING SYSTEMS, NJ	\$605,000		\$605,000		Funds are being used to maintain existing stream and rain gauges to ensure they are fully functional and reporting accurate data for use by Emergency Management Offices and the public. Funds are also being used to repair or replace damaged equipment as required. Additionally, funds are being used to conduct a Flood Warning System User Group meeting to facilitate user training and agency coordination.	
NJ	NAD	NOTH	PROJECT CONDITION SURVEYS, NJ	\$2,017,000		\$2,017,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
NJ	NAD	NHD	RARITAN RIVER TO ARTHUR KILL CUT-OFF, NJ	\$100,000		\$100,000		Funds are being used to monitor channel conditions, survey, publish a Controlling Depth Report, and coordinate with US Coast Guard, local stakeholders, and channel users.	
NJ	NAD	NHD	RARITAN RIVER, NJ	\$220,000		\$220,000		Funds are being used for Engineering and Design (E&D), including sampling and testing for the next maintenance dredging cycle.	
NJ	NAD	NHD	SALEM RIVER, NJ	\$0	\$100,000	\$100,000	4		Funds will be used for routine maintenance activities.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
NJ	NAD	NHS	SANDY HOOK BAY AT LEONARD, NJ	\$10,000		\$10,000		Funds are being used to monitor channel conditions, publish a Controlling Depth Report and coordinate with USCG and local stakeholders.	
NJ	NAD	NHS	SHARK RIVER, NJ	\$990,000	\$500,000	\$1,490,000	4	Funds are being used for maintenance dredging.	Funds will be used for maintenance dredging.
NJ	NAD	NHS	SHOAL HARBOR AND COMPTON CREEK, NJ	\$10,000		\$10,000		Funds are being used for caretaker activities to publish survey data (Controlling Depth Report) and communicate with stakeholders.	
NJ	NAD	NHS	SHREWSBURY RIVER, MAIN CHANNEL, NJ	\$10,000		\$10,000		Funds are being used to monitor channel conditions, publish a Controlling Depth Report and coordinate with the US Coast Guard and local stakeholders.	
NM	SPD	ENS, FD RR, REC, WTR	ABIQUIU DAM, NM	\$3,437,000		\$3,437,000		Funds are being used for routine operation and maintenance (O&M). Non-routine activities planned include \$130,000 for repair of service gate seals and \$140,000 for modernization of recreation features (new boat dock and replacement of playground equipment).	
NM	SPD	ENS, FD RR, REC	COCHITI LAKE, NM	\$3,178,000		\$3,178,000		Funds are being used for routine O&M.	
NM	SPD	ENS, FD RR, REC	CONCHAS LAKE, NM	\$5,769,000		\$5,769,000		Funds are being used for routine O&M. Amount includes \$2,300,000 for non-routine maintenance activity (electrical system upgrade for administrative complex)	
NM	SPD	ENS, FD RR, REC	GALISTEO DAM, NM	\$900,000		\$900,000		Funds are being used for routine O&M.	
NM	SPD	FD RR	INSPECTION OF COMPLETED WORKS, NM	\$652,000		\$652,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
NM	SPD	ENS, FD RR, REC	JEMEZ CANYON DAM, NM	\$753,000		\$753,000		Funds are being used for routine O&M.	
NM	SPD	FD RR	MIDDLE RIO GRANDE ENDANGERED SPECIES COLLABORATIVE PROGRAM, NM	\$2,500,000		\$2,500,000		Funds are being used for routine continued participation in the multi-stakeholder partnership program.	
NM	SPD	ENS, FD RR, REC	SANTA ROSA DAM AND LAKE, NM	\$1,583,000		\$1,583,000		Funds are being used for routine O&M. Non-routine activity planned includes \$200,000 for sandblasting and painting service and emergency gates.	
NM	SPD	FD RR	SCHEDULING RESERVOIR OPERATIONS, NM	\$383,000		\$383,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
NM	SPD	ENS, FD RR, REC	TWO RIVERS DAM, NM	\$592,000		\$592,000		Funds are being used for routine O&M.	
NM	SPD	FD RR	UPPER RIO GRANDE WATER OPERATIONS MODEL STUDY, NM	\$1,300,000		\$1,300,000		Funds are being used for accounting and management of water in the Rio Grande basin, including water quality monitoring, forecasting, and software development and maintenance.	
NV	SPD	FD RR	INSPECTION OF COMPLETED WORKS, NV	\$68,000		\$68,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
NV	SPD	ENS, FD RR, REC	MARTIS CREEK LAKE, NV & CA	\$1,342,000		\$1,342,000		Funds are being used for routine O&M. Non-routine activity planned includes \$50,000 for boundary inspection and monumentation.	
NV	SPD	ENS, FD RR	PINE AND MATHEWS CANYONS LAKES, NV	\$387,000		\$387,000		Funds are being used for routine O&M.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
NY	NAD	ENS, FDRR, REC	ALMOND LAKE, NY	\$488,000		\$488,000		Funds are being used for routine O&M.	
NY	NAD	ENS, FDRR	ARKPORT DAM, NY	\$345,000		\$345,000		Funds are being used for routine O&M.	
NY	NAD	NHD	BAY RIDGE AND RED HOOK CHANNELS, NY	\$50,000	\$500,000	\$550,000	2	Funds are being used for preliminary Engineering and Design and Caretaker activities.	Funds will be used for Engineering and Design and preparation of Plans and Specifications.
NY	LRD	ENS	BLACK ROCK CHANNEL AND TONAWANDA HARBOR, NY	\$1,834,000	\$100,000	\$1,934,000	2	Funds are being used for routine O&M including lock functions, project condition surveys, and execution of the Historic Properties Management Plan.	Funds will be used for Engineering and Design of the chamber resurfacing.
NY	NAD	NHS	BRONX RIVER, NY	\$100,000		\$100,000		Funds are being used to monitor conditions and prepare a Controlling Depth Report (CDR), update fact sheets and coordinate with natural resource agencies as appropriate, and preliminary E&D to find a disposal location.	
NY	NAD	NHS	BROWNS CREEK, NY	\$30,000		\$30,000		Funds are being used to monitor conditions and prepare a Controlling Depth Report (CDR), update fact sheets and coordinate with natural resource agencies as appropriate.	
NY	LRD	NHD	BUFFALO HARBOR, NY	\$2,500,000	\$2,500,000	\$5,000,000	2	Funds are being used for critical repairs to CDF #4 exterior containment dike, required to replace deteriorated or missing armor stone to ensure the CDF continues to operate as intended.	Funds will be used to repair the south breakwater.
NY	NAD	NHD	BUTTERMILK CHANNEL, NY	\$50,000		\$50,000		Funds are being used for basic coordination with natural resource agencies, preparation of a Controlling Depth Report, and communication with stakeholders.	
NY	NAD	NHD	EAST RIVER, NY	\$100,000		\$100,000		Funds are being used to initiate Engineering and Design for the next maintenance dredging cycle and for Caretaker status which includes activities such as: publishing a Controlling Depth Report, monitoring conditions of the Federal channel, and coordinate with Coast Guard and local stakeholders.	
NY	NAD	NHS	EAST ROCKAWAY INLET, NY	\$100,000		\$100,000		Funds are being used for monitoring, preparation of controlling depth reports, and coordination with natural resource agencies in post-dredging year.	
NY	NAD	ENS, FDRR, REC	EAST SIDNEY LAKE, NY	\$797,000		\$797,000		Funds are being used for routine O&M.	
NY	NAD	NHS	EASTCHESTER CREEK, NY	\$10,000		\$10,000		Funds are being used for caretaker activities which includes: monitoring conditions of the Federal channel, publishing a Controlling Depth Report, and coordination with local stakeholders.	
NY	NAD	NHS	FIRE ISLAND INLET TO JONES INLET, NY	\$50,000		\$50,000		Funds are being used to monitor channel conditions, publish a Controlling Depth Report and coordinate with USCG and local stakeholders.	
NY	NAD	NHS	GLEN COVE CREEK, NY	\$20,000		\$20,000		Funds are being used for monitoring conditions, preparation of a Controlling Depth Report, and coordination with natural resource agencies.	
NY	NAD	NHS	GREAT KILLS HARBOR, NY	\$50,000		\$50,000		Funds are being used for monitoring channel conditions, preparation of a Controlling Depth Report, and coordination with natural resource agencies.	
NY	NAD	NHS	GREAT SOUTH BAY, NY	\$50,000		\$50,000		Funds are being used for monitoring channel conditions, preparation of a Controlling Depth Report, and coordination with natural resource agencies.	
NY	NAD	NHD	HUDSON RIVER CHANNEL, NY	\$250,000		\$250,000		Funds are being used for preliminary engineering and design for a future maintenance dredging cycle and for caretaker activities which includes: monitoring conditions of the Federal channel publishing a Controlling Depth Report, and coordination with USCG and other local stakeholders.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
NY	NAD	NHD	HUDSON RIVER, NY (MAINT)	\$6,900,000		\$6,900,000		Funds are being used for Project Conditions Survey and Engineering and Design (E&D) for maintenance dredging of the Albany to Kingston Reaches. Environmental sampling and testing, prepare plans and specs for maintenance dredging of the Coxsackie to Athens reaches (award FY 18-19 contract).	
NY	NAD	NHS	HUDSON RIVER, NY (O & C)	\$2,450,000		\$2,450,000		Funds are being used to operate the navigation lock at the approved minimum level of service and to perform maintenance essential to meeting operational, safety, environmental and security requirements. Funds will also be used to perform S&A and QA activities for completion of Troy Lock Miter Gate Replacement contract.	
NY	LRD, NAD	FDRR	INSPECTION OF COMPLETED WORKS, NY	\$1,351,000		\$1,351,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
NY	NAD	NHD	JAMAICA BAY, NY	\$250,000		\$250,000		Funds are being used for Engineering and Design and Supervision and Administration for upcoming maintenance in a high shoaling inlet.	
NY	NAD	NHS	JONES INLET, NY	\$420,000		\$420,000		Funds are being used for preliminary Engineering and Design for upcoming maintenance in a high shoaling inlet.	
NY	NAD	NHS	LAKE MONTAUK HARBOR, NY	\$250,000	\$1,720,000	\$1,970,000	4	Funds are being used to monitor channel conditions, publish a Controlling Depth Report and coordinate with US Coast Guard and local stakeholders.	Funds will be used for maintenance dredging.
NY	NAD	NHS	LONG ISLAND INTRACOASTAL WATERWAY, NY	\$270,000		\$270,000		Funds are being used to monitor channel conditions, publish a Controlling Depth Report and coordinate with USCG and local stakeholders	
NY	NAD	NHS	MATTITUCK HARBOR, NY	\$20,000		\$20,000		Funds are being used for the most basic caretaker activities to monitor channel conditions and maintain coordination with stakeholders. Erosion east of the inlet and shoaling to the west of the jetties will be monitored.	
NY	NAD	NHS	MORICHES INLET, NY	\$150,000	\$12,100,000	\$12,250,000	4	Funds are being used for preliminary engineering and design for a future maintenance dredging cycle and for caretaker activities which includes: monitoring conditions of the Federal channel, publishing a Controlling Depth Report, and coordination with USCG and local stakeholders	Funds will be used for maintenance dredging.
NY	LRD	ENS, FDRR, REC	MOUNT MORRIS DAM, NY	\$3,892,000		\$3,892,000		Funds are being used for routine O&M activities including dam safety, water control management, debris removal, environmental stewardship activities, and routine O&M of visitor's center. Additional funds will provide the repair for the emergency access stairwells (\$400,000).	
NY	NAD	NHD	NEW YORK AND NEW JERSEY CHANNELS, NY	\$400,000	\$4,500,000	\$4,900,000	2	Funds are being used for Engineering and Design, including Sampling and Testing for the next maintenance cycle	Funds will be used for maintenance dredging.
NY	NAD	NHD	NEW YORK AND NEW JERSEY HARBOR, NY & NJ	\$760,000	\$4,400,000	\$5,160,000	6	Funds are being used for four Caretaker packages (Ambrose, Anchorage, Kill Van Kull and Port Jersey) to monitor channel conditions, publish Controlling Depth Reports and coordinate with local stakeholders. Complete Plans and Specifications package for the Arthur Kill reach.	Donor and Energy Transfer Port

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
NY	NAD	NHD	NEW YORK HARBOR, NY	\$7,743,000		\$7,743,000		Funds are being used for monitoring of the Historic Area Remediation Site (HARS), a dredged-material placement site approximately 16-square nautical miles in area that is located in the Atlantic Ocean. Funding is also for the award of a maintenance dredging contract of the Sandy Hook Channel.	
NY	NAD	NHD	NEW YORK HARBOR, NY & NJ (DRIFT REMOVAL)	\$9,850,000		\$9,850,000		Funds are being used to operate and manage the drift collection mission.	
NY	NAD	NHD	NEW YORK HARBOR, NY (PREVENTION OF OBSTRUCTIVE DEPOSITS)	\$1,300,000		\$1,300,000		Funds are being used to implement inspections, investigations and enforcement actions involving hazards and obstructions to navigation.	
NY	LRD	NOTH	PROJECT CONDITION SURVEYS, NY	\$2,323,000		\$2,323,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
NY	NAD	NHS	SHINNECOCK INLET, NY	\$150,000		\$150,000		Funds are being used for Engineering and Design for a future maintenance dredging cycle of this treacherous ocean inlet.	
NY	NAD	FDRR	SOUTHERN NEW YORK FLOOD CONTROL PROJECTS, NY	\$726,000		\$726,000		Funds are being used for routine O&M.	
NY	LRD	FDRC	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, NY	\$610,000		\$610,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
NY	NAD	NHS	WESTCHESTER CREEK, NY	\$10,000		\$10,000		Funds are being used to monitor channel conditions, publish a Controlling Depth Report and coordinate with USCG and local stakeholders.	
NY	NAD	ENS, FDRR, REC	WHITNEY POINT LAKE, NY	\$960,000		\$960,000		Funds are being used for routine O&M.	
OH	LRD	ENS, FDRR, REC, WTR	ALUM CREEK LAKE, OH	\$1,592,000		\$1,592,000		Funds are being used for routine O&M activities and to purchase an electric mule.	
OH	LRD	NHD	ASHTABULA HARBOR, OH	\$0	\$1,350,000	\$1,350,000	2		Funds will be used for maintenance dredging.
OH	LRD	ENS, FDRR, REC, WTR	BERLIN LAKE, OH	\$3,093,000		\$3,093,000		Funds are being used for routine O&M of the project.	
OH	LRD	ENS, FDRR, REC, WTR	CAESAR CREEK LAKE, OH	\$2,315,000		\$2,315,000		Funds are being used for routine O&M. Additional funds are being used for cost savings activities for an energy efficient HVAC system and to replace two bypass gates.	
OH	LRD	ENS, FDRR, REC	CLARENCE J BROWN DAM, OH	\$1,324,000		\$1,324,000		Funds are being used for routine O&M. Additional funds provide for replacing the floatwell valve.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
OH	LRD	NHD	CLEVELAND HARBOR, OH	\$6,200,000	\$7,800,000	\$14,000,000	2	Funds are being used for routine O&M for navigation including maintenance of the channels, protective structures, and regional economic data collection. Dredging, expected to be performed using government contract, will remove approximately 225,000 CY of sediment at an estimated cost of \$2,800,000. Pilot project P3/P4 funding is included for \$200,000 to determine suitability for beneficial reuse. Approximately 200 linear feet of the severely deteriorated West Breakwater will be repaired by in-house resources at a cost of \$1,300,000. In addition, funds are provided for the dredged material management plan and environmental impact statement (\$350,000).	Funds will be used to perform maintenance dredging and repair the east end section of the West Breakwater.
OH	LRD	NHD	CONNEAUT HARBOR, OH	\$2,800,000		\$2,800,000		Funds are being used for critical maintenance of coastal navigation structures, obstruction removal and maintenance dredging. Repair includes approximately 150 linear feet on the East Breakwater and removal of debris accumulated within the harbor. Dredging will remove approximately 150,000 cubic yards (CY) of sediment, improving the availability and reliability of the navigation channels. Funds will improve navigation performance by reducing unsafe navigation conditions within the harbor, vessel delays, transportation costs and potential damage to shoreline structures.	
OH	LRD	ENS, FD RR, REC	DEER CREEK LAKE, OH	\$2,231,000		\$2,231,000		Funds are being used for routine O&M activities and to repair the tainter gate platforms.	
OH	LRD	ENS, FD RR, REC	DELAWARE LAKE, OH	\$1,535,000		\$1,535,000		Funds are being used for routine O&M activities.	
OH	LRD	ENS, FD RR, REC	DILLON LAKE, OH	\$1,489,000		\$1,489,000		Funds are being used for routine O&M activities.	
OH	LRD	NHD	FAIRPORT HARBOR, OH	\$1,150,000		\$1,150,000		Funds are being used for placement of approximately 3,000 tons of armor stone over a 100 foot length of the harbor side of the West Arrowhead Breakwater.	
OH	LRD	NHD	HURON HARBOR, OH	\$0	\$1,250,000	\$1,250,000	2		Funds will be used for maintenance dredging.
OH	LRD	FD RR	INSPECTION OF COMPLETED WORKS, OH	\$874,000		\$874,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
OH	LRD	NHD	LORAIN HARBOR, OH	\$0	\$2,500,000	\$2,500,000	2		Funds will be used for maintenance dredging.
OH	LRD	FD RR	MASSILLON LOCAL PROTECTION PROJECT, OH	\$89,000		\$89,000		Funds are being used for routine O&M activities.	
OH	LRD	ENS, FD RR, REC	MICHAEL J KIRWAN DAM AND RESERVOIR, OH	\$2,243,000		\$2,243,000		Funds are being used for routine O&M of the project and repairs to the spillway due to erosion.	
OH	LRD	ENS, FD RR, REC, WTR	MOSQUITO CREEK LAKE, OH	\$1,216,000		\$1,216,000		Funds are being used for routine O&M activities.	
OH	LRD	ENS, FD RR, REC	MUSKINGUM RIVER LAKES, OH	\$11,836,000		\$11,836,000		Funds are being used for routine O&M activities, replacing discharge gate embedded seal at Senacville, repairs to the sump pump and water pipes at the pump station at Magnolia, and Interim Risk Reduction Measures (IRRM) for toe drain plans and specifications at Magnolia, replacing 2 relief wells at Tappan, repairing the toe drain at Mohawk, and updating the IRRM plan.	
OH	LRD	ENS, FD RR, REC	NORTH BRANCH KOKOSING RIVER LAKE, OH	\$705,000		\$705,000		Funds are being used for routine O&M activities.	
OH	LRD	FD RR	OHIO-MISSISSIPPI FLOOD CONTROL, OH	\$1,818,000		\$1,818,000		Funds are being used for routine O&M activities.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
OH	LRD	ENS, FDRR, REC, WTR	PAINT CREEK LAKE, OH	\$1,459,000		\$1,459,000		Funds are being used for routine O&M activities.	
OH	LRD	NHS	PORTSMOUTH HARBOR, OH	\$0	\$160,000	\$160,000	4		Funds will be used for maintenance dredging.
OH	LRD	NOTH	PROJECT CONDITION SURVEYS, OH	\$305,000		\$305,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
OH	LRD	FDRR	ROSEVILLE LOCAL PROTECTION PROJECT, OH	\$35,000		\$35,000		Funds are being used for routine O&M activities.	
OH	LRD	NHD	SANDUSKY HARBOR, OH	\$1,650,000		\$1,650,000		Funds are being used for routine maintenance dredging performed using government contract. The dredging removes approximately 150,000 CY of sediment from the harbor.	
OH	LRD	FDRC	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, OH	\$255,000		\$255,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
OH	LRD	NHD	TOLEDO HARBOR, OH	\$6,102,000	\$20,000	\$6,122,000	2	Funds are being used for routine O&M for navigation including dredging of the Maumee River and Bay, and project condition surveys. The dredging removes approximately 200,000 CY of sediment from the Maumee River and 600,000 CY of sediment from the Maumee Bay. In addition, funds are provided for a dredged material management plan preliminary assessment (\$100,000).	Funds will be used to perform sediment analysis.
OH	LRD	ENS, FDRR, REC, WTR	TOM JENKINS DAM, OH	\$798,000		\$798,000		Funds are being used for routine O&M activities.	
OH	LRD	ENS, FDRR, REC	WEST FORK OF MILL CREEK LAKE, OH	\$770,000		\$770,000		Funds are being used for routine O&M activities.	
OH	LRD	ENS, FDRR, REC, WTR	WILLIAM H HARSHA LAKE, OH	\$1,281,000		\$1,281,000		Funds are being used for routine O&M activities.	
OK	SWD	ENS, FDRR, REC, WTR	ARCADIA LAKE, OK	\$724,000		\$724,000		Funds are being used for routine O&M.	
OK	SWD	ENS, FDRR, REC	BIRCH LAKE, OK	\$3,450,000	\$200,000	\$3,650,000	5	Funds are being used for the O&M and to undertake repairs to the service and emergency gates.	Funds will be used for non-routine facility improvements.
OK	SWD	ENS, FDRR, HYD, JOINT, REC, WTR	BROKEN BOW LAKE, OK	\$7,427,000		\$7,427,000		Funds are being used for O&M, to purchase a new sequential event recorder at the powerhouse, and to construct a new floating bulkhead for the dam structure.	
OK	SWD	ENS, FDRR, REC, WTR	CANTON LAKE, OK	\$2,148,000		\$2,148,000		Funds are being used for routine O&M.	
OK	SWD	ENS, FDRR, REC, WTR	COPAN LAKE, OK	\$2,556,000		\$2,556,000		Funds are being used for O&M and to complete repairs to the tainter gates and embankment.	
OK	SWD	ENS, FDRR, HYD, JOINT, REC, WTR	EUFAULA LAKE, OK	\$18,621,000		\$18,621,000		Funds are being used for O&M. Non-routine maintenance includes replacing the spillway bridge, installing a new sequential event recorder in the powerhouse, and replacing a leaking potable water line in one of the project parks.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
OK	SWD	ENS, FDRR, HYD, JOINT, REC	FORT GIBSON LAKE, OK	\$5,974,000		\$5,974,000		Funds are being used for O&M. Non-routine maintenance consists of the procurement of a new sequential event recorder for the powerhouse.	
OK	SWD	ENS, FDRR, REC	FORT SUPPLY LAKE, OK	\$1,306,000		\$1,306,000		Funds are being used for O&M. Funding of \$96,000 is also being used to purchase a new winch truck.	
OK	SWD	ENS, FDRR, REC	GREAT SALT PLAINS LAKE, OK	\$360,000		\$360,000		Funds are being used for routine O&M.	
OK	SWD	ENS, FDRR, REC, WTR	HEYBURN LAKE, OK	\$747,000		\$747,000		Funds are being used for routine O&M.	
OK	SWD	ENS, FDRR, REC, WTR	HUGO LAKE, OK	\$1,622,000		\$1,622,000		Funds are being used for routine O&M.	
OK	SWD	ENS, FDRR, REC, WTR	HULAH LAKE, OK	\$907,000		\$907,000		Funds are being used for routine O&M.	
OK	SWD	FDRR	INSPECTION OF COMPLETED WORKS, OK	\$239,000		\$239,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
OK	SWD	ENS, FDRR, REC, WTR	KAW LAKE, OK	\$2,398,000		\$2,398,000		Funds are being used for routine O&M and to replace leaking water lines in one of the project public use areas (\$75,000).	
OK	SWD	ENS, FDRR, HYD, JOINT, REC, WTR	KEYSTONE LAKE, OK	\$5,073,000		\$5,073,000		Funds are being used for routine O&M and to purchase and install a new sequential event recorder at the powerhouse (\$300,000).	
OK	SWD	ENS, FDRR, HYD, JOINT, NIL, REC, WTR	MCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, AR	\$29,364,000	\$4,294,000	\$35,914,000	1	Funds are being used for routine O&M, continue the Major Rehab Report to address system maintenance needs, replace the intake roller gate at Webbers Falls, purchase and install sequential event recorders at the powerhouses, purchase new stoplogs for Robert S. Kerr, replace the lock and spillway control wiring at Robert S. Kerr and Newt Graham Lock and Dam, replace the lock control building roof at Chouteau and Robert S. Kerr Lock and Dam, replace the directional valves at Chouteau Lock and Dam, and upgrade the motor controllers for the spillway gates at Robert S. Kerr.	Funds will be used for maintenance dredging and to rehabilitate four tainter gates at Robert S. Kerr Lock and Dam (Package 1 of 2).
OK	SWD	ENS, HYD, JOINT, NIH, REC	MCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OK		\$2,256,000		5		Funds will be used to rehabilitate four tainter gates at Robert S. Kerr Lock and Dam (Package 2 of 2).
OK	SWD	ENS, FDRR, REC, WTR	OLOGAH LAKE, OK	\$2,811,000		\$2,811,000		Funds are being used for routine O&M and to repair asphalt at the outlet works (\$100,000).	
OK	SWD	FDRR	OPTIMA LAKE, OK	\$61,000		\$61,000		Funds are being used for the maintenance and inspection of project structures.	
OK	SWD	FDRR	PENSACOLA RESERVOIR, LAKE OF THE CHEROKEES, OK	\$165,000		\$165,000		Funds are being used for routine O&M activities, including operation of the pool during flood events and inspection of encroachments within the flood control easement administered by USACE for the Grand River Dam Authority.	
OK	SWD	ENS, FDRR, REC, WTR	PINE CREEK LAKE, OK	\$1,439,000		\$1,439,000		Funds are being used for routine O&M.	
OK	SWD	ENS, FDRR, REC, WTR	SARDIS LAKE, OK	\$2,245,000		\$2,245,000		Funds are being used for routine O&M. Non-routine maintenance work consists of repairs to conduit joints and the embankment toe drain.	
OK	SWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, OK	\$1,200,000		\$1,200,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
OK	SWD	ENS, FD RR, REC, WTR	SKIATOOK LAKE, OK	\$1,999,000		\$1,999,000		Funds are being used for routine O&M.	
OK	SWD	ENS, FD RR, HYD, JOINT, REC, WTR	TENKILLER FERRY LAKE, OK	\$4,881,000		\$4,881,000		Funds are being used for routine O&M. \$300,000 is being used to purchase and install a new sequential event recorder in the powerhouse.	
OK	SWD	ENS, FD RR, REC, WTR	WAURIKA LAKE, OK	\$1,630,000		\$1,630,000		Funds are being used for routine O&M.	
OK	SWD	ENS, FD RR, REC, WTR	WISTER LAKE, OK	\$781,000		\$781,000		Funds are being used for routine O&M.	
OR	NWD	ENS, FD RR	APPLEGATE LAKE, OR	\$1,058,000		\$1,058,000		Funds are being used for routine O&M.	
OR	NWD	ENS, FD RR, REC	BLUE RIVER LAKE, OR	\$1,152,000		\$1,152,000		Funds are being used for routine O&M. Non-routine Generic Data Acquisition and Control Systems (GDACS), \$400,000.	
OR	NWD	ENS, JOINT, NHD, REC	BONNEVILLE LOCK AND DAM, OR & WA	\$10,041,000	\$200,000	\$10,241,000	2	Funds are being used for routine navigation lock operation and maintenance, management of recreation facilities, management for the environmental stewardship, and routine operation and maintenance of the joint facilities. Non-routine items funded for FY18 are; Bradford Island Clean Up P&S, \$325,000; Spillway North Viaduct Bridge and Fish Ladder DDR, \$100,000; Spillway Gate Repair Pit Modernization, \$2,400,000.	Funds will be used to complete the Old Navlock Bridge major maintenance report.
OR	NWD	NHS	CHETCO RIVER, OR	\$809,000		\$809,000		Funds are being used for maintenance dredging.	
OR	NWD	NHD	COLUMBIA RIVER AT THE MOUTH, OR & WA	\$24,131,000	\$250,000	\$24,381,000	2	Funds are being used for maintenance dredging.	Funds will be used for East Sand Island erosion repairs.
OR	NWD	NHD	COOS BAY, OR	\$7,655,000	\$3,055,000	\$10,710,000	2	Funds are being used for routine annual dredging needed for safe transit of commercial and recreational vessels.	Funds will be used for maintenance dredging, to complete the Plans and Specifications to repair the jetty, and for monitoring of the jetty.
OR	NWD	NHS	COQUILLE RIVER, OR	\$0	\$453,000	\$453,000	4		Funds will be used for maintenance dredging, jetty monitoring, and real estate management.
OR	NWD	ENS, FD RR, REC	COTTAGE GROVE LAKE, OR	\$2,247,000		\$2,247,000		Funds are being used for routine O&M. Non-routine items include: replacement of Shortridge Park restroom (\$122,000), installation of a Generic Data Acquisition Control System (\$400,000), seepage and stability evaluation (\$125,000), and installation of piezometers (\$240,000).	
OR	NWD	ENS, JOINT, REC	COUGAR LAKE, OR	\$2,160,000		\$2,160,000		Funds are being used for routine O&M.	
OR	NWD	ENS, JOINT, REC	DETROIT LAKE, OR	\$5,510,000		\$5,510,000		Funds are being used for routine O&M. Non-routine items include: repair of structural deformities on spillway gate #6 and mechanical and electrical repairs on spillway gates #5 and #6 (\$4,611,000).	
OR	NWD	ENS, FD RR, REC, WTR	DORENA LAKE, OR	\$2,337,000		\$2,337,000		Funds are being used for routine O&M. Non-routine items include: installing Generic Data Acquisition Control Systems (\$400,000) and repair and upgrade the regulating outlets' hydraulics and gates (\$750,000).	
OR	NWD	ENS, FD RR	ELK CREEK LAKE, OR	\$359,000		\$359,000		Funds are being used for routine O&M.	
OR	NWD	ENS, FD RR, REC	FALL CREEK LAKE, OR	\$1,527,000		\$1,527,000		Funds are being used for routine O&M. Specific non-routine work includes a Generic Data Acquisition Control System (\$400,000).	
OR	NWD	ENS, FD RR, REC	FERN RIDGE LAKE, OR	\$2,231,000		\$2,231,000		Funds are being used for routine O&M. Specific non-routine work includes: Emergency Diesel Generator Rehab (\$100,000) and a Generic Data Acquisition Control System (\$400,000).	
OR	NWD	ENS, JOINT, REC	GREEN PETER - FOSTER LAKES, OR	\$2,115,000		\$2,115,000		Funds are being used for routine O&M.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
OR	NWD	ENS, JOINT, REC	HILLS CREEK LAKE, OR	\$1,177,000		\$1,177,000		Funds are being used for routine O&M.	
OR	NWD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, OR	\$60,000		\$60,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
OR	NWD	FDRR	INSPECTION OF COMPLETED WORKS, OR	\$1,082,000		\$1,082,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
OR	NWD	ENS, JOINT, NIH, REC	JOHN DAY LOCK AND DAM, OR & WA	\$5,262,000	\$500,000	\$5,762,000	3	Funds are being used for routine O&M. Funds are also being used for specific non-routine activities including a below the hook lifting device compliance assessment (\$25,000) and a spillway hydraulic steel safety inspection (\$53,000).	Funds will be used to perform Engineering During Construction and Supervision and Administration for the navigation lock downstream gate bearing shoes repair contract.
OR	NWD	ENS, JOINT, REC	LOOKOUT POINT LAKE, OR	\$1,842,000		\$1,842,000		Funds are being used for routine O&M.	
OR	NWD	ENS, JOINT, REC, WTR	LOST CREEK LAKE, OR	\$3,695,000		\$3,695,000		Funds are being used for routine O&M.	
OR	NWD	ENS, JOINT, NIH, REC	MCNARY LOCK AND DAM, OR & WA	\$13,042,000		\$13,042,000		Funds are being used for routine O&M. Funds are also being used for specific non-routine activities including the continuing work on the major crack and structural repairs to the downstream miter gate (\$500,000); for tainter valves 1 and 3 replacement (\$2,000,000); design to replace and upgrade the navigation lock electrical and controls (\$800,000); design to replace the navigation lock derrick crane (\$500,000); for the rehabilitation of nine of the fifteen levee pumping plants (\$900,000); for the redesign, procure and install 20 new spillway hoist systems and rehab 9 spillway gates (\$900,000); and for the design phase of the attraction water fish pumps replacement (\$155,000).	
OR	NWD	NOTH	PROJECT CONDITION SURVEYS, OR	\$400,000		\$400,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
OR	NWD	NHS	ROGUE RIVER AT GOLD BEACH, OR	\$0	\$809,000	\$809,000	4		Funds will be used for maintenance dredging, jetty monitoring, real estate management, and environmental coordination for the North Jetty nearshore disposal site.
OR	NWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, OR	\$98,000		\$98,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
OR	NWD	NHD	SIUSLAW RIVER, OR	\$0	\$837,000	\$837,000	2		Funds will be used for maintenance dredging, jetty monitoring, and real estate management.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
OR	NWD	NHD	SKIPANON CHANNEL, OR	\$0	\$123,000	\$123,000	2		Funds will be used for maintenance dredging and real estate management.
OR	NWD	FDRR	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, OR	\$10,025,000		\$10,025,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
OR	NWD	NHD	TILLAMOOK BAY & BAR, OR	\$0	\$30,000	\$30,000	2		Funds will be used to perform operations to support dredging, jetty monitoring, and real estate activities.
OR	NWD	NHD	UMPQUA RIVER, OR	\$921,000	\$405,000	\$1,326,000	2	Funds are being used for maintenance dredging.	Funds will be used for maintenance dredging, jetty monitoring, and real estate activities.
OR	NWD	NIL	WILLAMETTE RIVER AT WILLAMETTE FALLS, OR	\$64,000		\$64,000		Funds are being used for caretaker actions necessary to maintain the project in a safe condition.	
OR	NWD	FDRR	WILLAMETTE RIVER BANK PROTECTION, OR	\$200,000		\$200,000		Funds are being used to identify potential restoration sites associated with existing Corps revetments in the Willamette Basin; perform site inspections; and maintain the inventory and inspection database.	
OR	NWD	ENS, FDRR	WILLOW CREEK LAKE, OR	\$1,299,000		\$1,299,000		Funds are being used for routine O&M. Non routine items include repair and upgrade the automated monitoring system (\$440,000).	
OR	NWD	NHD	YAQUINA BAY AND HARBOR, OR	\$3,096,000		\$3,096,000		Funds are being used for routine annual maintenance dredging.	
OR	NWD	NHS	PORT ORFORD, OR	\$0	\$28,000	\$28,000	2		Funds will be used for operations support for dredging, jetty monitoring, and real estate management.
PA	LRD	NIL	ALLEGHENY RIVER, PA	\$12,043,000	\$6,691,700	\$18,734,700	1	Funds are being used for routine O&M of eight navigation locks and dams that provide approximately 72 miles of navigable river, including dredging to maintain the navigation channel, replacement of the timber seals on the miter and quoin blocks at L/D 4, fabricate and install safety waterway signs at L/D 6 and 7, P&S for Waterway safety signs at L/D 2 and CW Bill Young, and Funds are being used for concrete repairs to the vertical land wall at Lock and Dam #2.	Funds will be used for Lock and Dam 2 concrete repairs to the vertical land wall and Allegheny River water signage on Fixed Crest Dams.
PA	NAD	ENS, FDRR, REC	ALVIN R BUSH DAM, PA	\$970,000		\$970,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FDRR, REC	AYLESWORTH CREEK LAKE, PA	\$624,000		\$624,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FDRR	BELTZVILLE LAKE, PA	\$1,305,000		\$1,305,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FDRR, REC	BLUE MARSH LAKE, PA	\$3,090,000		\$3,090,000		Funds are being used for routine O&M.	
PA	LRD	ENS, FDRR, REC	CONEMAUGH RIVER LAKE, PA	\$1,345,000		\$1,345,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FDRR, REC, WTR	COWANESQUE LAKE, PA	\$2,956,000		\$2,956,000		Funds are being used for routine O&M.	
PA	LRD	ENS, FDRR, REC	CROOKED CREEK LAKE, PA	\$1,777,000		\$1,777,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FDRR, REC, WTR	CURWENSVILLE LAKE, PA	\$900,000		\$900,000		Funds are being used for routine O&M.	
PA	NAD	NHD	DELAWARE RIVER, PHILADELPHIA, PA TO TRENTON, NJ	\$4,980,000		\$4,980,000		Funds are being used to perform channel condition surveys, dredged material containment facility maintenance activities and minimum environmental support services.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
PA	LRD	ENS, FDRR, REC	EAST BRANCH CLARION RIVER LAKE, PA	\$1,399,000		\$1,399,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FDRR, REC	FOSTER JOSEPH SAYERS DAM, PA	\$2,537,000		\$2,537,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FDRR	FRANCIS E WALTER DAM, PA	\$875,000	\$1,137,000	\$2,012,000	5	Funds are being used for routine O&M.	Funds will be used to repair the entrance road.
PA	NAD	FDRR	GENERAL EDGAR JADWIN DAM AND RESERVOIR, PA	\$395,000		\$395,000		Funds are being used for routine O&M.	
PA	NAD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, PA	\$10,000		\$10,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
PA	LRD, NAD	FDRR	INSPECTION OF COMPLETED WORKS, PA	\$1,117,000		\$1,117,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
PA	LRD	FDRR	JOHNSTOWN, PA	\$46,000		\$46,000		Funds are being used for routine O&M.	
PA	LRD	ENS, FDRR, REC	KINZUA DAM AND ALLEGHENY RESERVOIR, PA	\$1,770,000		\$1,770,000		Funds are being used for routine O&M.	
PA	LRD	ENS, FDRR, REC	LOYALHANNA LAKE, PA	\$4,649,000		\$4,649,000		Funds are being used for routine O&M of the project plus resolution of real estate encroachments, shoreline management activities, boundary inspection and marking and repairs to the service bridge and deck.	
PA	LRD	ENS, FDRR, REC	MAHONING CREEK LAKE, PA	\$1,291,000		\$1,291,000		Funds are being used for routine O&M.	
PA	LRD	NIL	MONONGAHELA RIVER, PA	\$16,759,000		\$16,759,000		Funds are being used for routine O&M of nine navigation locks and dams that provide approximately 128 miles of navigable river, including dredging to maintain the navigation channel, repairs to ladder rungs and concrete in monolith joints at Charleroi L&D, and preparing plans and specifications to replace interlocks and four-way hydraulic valves at Braddock L&D.	
PA	LRD	NIH	OHIO RIVER LOCKS AND DAMS, PA, OH & WV	\$39,511,000	\$700,000	\$42,161,000	1	Funds are being used for routine and non-routine O&M activities at locks and dam to include monolith crack stabilization, installing bulkheads slots to replace boule & poiree dams, and fabricating 2 dam lift gates at Montgomery L&D; dewatering the main lock chamber at Dashields L&D; fabricating floating mooring bits and replacing hydraulic cylinders at New Cumberland the downstream land wall miter gate anchorage at Dashields L&D; and repairing crane rail clips at Pike Island L&D.	Funds will be used to perform Montgomery Lock & Dam auxiliary chamber upper gate quoin and miter seals repairs.
PA	LRD	NIH	OHIO RIVER LOCKS AND DAMS, PA, OH & WV		\$1,950,000		3		Funds will be used for the Ohio River Dashields signage; prepare Plans and Specifications to fabricate lock bulkheads; initiate design work for crack stabilization of the land wall at Emsworth Lock & Dam; develop and implement a monolith monitoring system; and prepare Plans and Specifications of closure components for the auxiliary chambers.
PA	LRD	NIH	OHIO RIVER OPEN CHANNEL WORK, PA, OH & WV	\$800,000		\$800,000		Funds are being used for a survey / dredging package.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
PA	LRD, NAD	NOTH	PROJECT CONDITION SURVEYS, PA	\$170,000		\$170,000		Funds are being used to repair leakage through monolith joints and pansy bed.	
PA	NAD	ENS, FD RR	PROMPTON LAKE, PA	\$985,000		\$985,000		Funds are being used for routine O&M.	
PA	LRD	FD RR	PUNXSUTAWNEY, PA	\$15,000		\$15,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FD RR, REC	RAYSTOWN LAKE, PA	\$22,030,000		\$22,030,000		Funds are being used for routine O&M.	
PA	NAD	FD RR	SCHEDULING RESERVOIR OPERATIONS, PA	\$37,000		\$37,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
PA	NAD	NHD	SCHUYLKILL RIVER, PA	\$0	\$2,590,000	\$2,590,000	2		Funds will be used for maintenance dredging.
PA	LRD	ENS, FD RR, REC	SHENANGO RIVER LAKE, PA	\$2,464,000		\$2,464,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FD RR	STILLWATER LAKE, PA	\$843,000		\$843,000		Funds are being used for routine O&M.	
PA	LRD	FD RC	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, PA	\$105,000		\$105,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
PA	NAD	ENS, FD RR, REC	TIOGA - HAMMOND LAKES, PA	\$3,084,000		\$3,084,000		Funds are being used for routine O&M.	
PA	LRD	ENS, FD RR, REC	TIONESTA LAKE, PA	\$2,398,000		\$2,398,000		Funds are being used for routine O&M and resolution of real estate encroachments.	
PA	LRD	ENS, FD RR, REC	UNION CITY LAKE, PA	\$471,000		\$471,000		Funds are being used for routine O&M.	
PA	LRD	ENS, FD RR, REC	WOODCOCK CREEK LAKE, PA	\$1,015,000		\$1,015,000		Funds are being used for routine O&M.	
PA	NAD	ENS, FD RR	YORK INDIAN ROCK DAM, PA	\$16,952,000		\$16,952,000		Funds are being used for routine O&M.	
PA	LRD	ENS, FD RR, REC, WTR	YOUGHIOGHENY RIVER LAKE, PA & MD	\$2,708,000		\$2,708,000		Funds are being used for routine O&M.	
PR	SAD	FD RR	INSPECTION OF COMPLETED WORKS, PR	\$228,000		\$228,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
PR	SAD	NOTH	PROJECT CONDITION SURVEYS, PR	\$150,000		\$150,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
PR	SAD	NHD	SAN JUAN HARBOR, PR	\$100,000		\$100,000		Funds are being used for routine operations and maintenance in support of navigation	
RI	NAD	FDRC	FOX POINT BARRIER, NARRANGANSETT BAY, RI	\$2,816,000		\$2,816,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$1,600,000 to design and execute a relief cut of the center span of the project and \$150,000 to replace the wall louvers and conduct arc flash assessments.	
RI	NAD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, RI	\$25,000		\$25,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
RI	NAD	FDRR	INSPECTION OF COMPLETED WORKS, RI	\$45,000		\$45,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
RI	NAD	NOTH	PROJECT CONDITION SURVEYS, RI	\$300,000		\$300,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
RI	NAD	FDRR	WOONSOCKET, RI	\$402,000		\$402,000		Funds are being used to perform routine O&M.	
SC	SAD	NIL	ATLANTIC INTRACOASTAL WATERWAY, SC	\$200,000		\$200,000		Funds are being used for routine maintenance in support of navigation.	
SC	SAD	NHD	CHARLESTON HARBOR, SC	\$16,110,000	\$730,000	\$16,840,000	2	Funds are being used for routine operations and maintenance in support of navigation.	Funds will be used for maintenance dredging.
SC	SAD	NHD	COOPER RIVER, CHARLESTON HARBOR, SC	\$5,007,000		\$5,007,000		Funds are being used for routine and non-routine operations and maintenance in support of navigation. Non-routine maintenance includes refurbishment of the fire protection systems, replacement of the governor circuit board, and performing the generator rewedge and brakes for Unit 3.	
SC	SAD	FDRR	INSPECTION OF COMPLETED WORKS, SC	\$65,000		\$65,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
SC	SAD	NOTH	PROJECT CONDITION SURVEYS, SC	\$875,000		\$875,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
SD	NWD	ENS, HYD, JOINT, REC, WTR	BIG BEND DAM, LAKE SHARPE, SD	\$10,467,000	\$38,000	\$10,505,000	5	Funds are being used for routine O&M. Funds are also being used for specific activities including stabilization of Antelope Creek cultural site (\$500,000) and an update to the project master plan (\$62,000).	Funds will be used for pest and invasive species management.
SD	NWD	ENS, FDRR, REC	COLD BROOK LAKE, SD	\$370,000	\$17,000	\$387,000	5	Funds are being used for routine O&M. In addition, \$15,000 is being used for replacement of a vault toilet in the campground.	Funds will be used for pest and invasive species management.
SD	NWD	ENS, FDRR, REC	COTTONWOOD SPRINGS LAKE, SD	\$226,000	\$17,000	\$243,000	5	Funds are being used for routine O&M.	Funds will be used for pest and invasive species management.
SD	NWD	ENS, HYD, JOINT, REC, WTR	FORT RANDALL DAM, LAKE FRANCIS CASE, SD	\$12,576,000	\$38,000	\$12,614,000	5	Funds are being used for routine operation and maintenance and rehabilitation and replacement of station service switchgear.	Funds will be used for pest and invasive species management.
SD	NWD	FDRR	INSPECTION OF COMPLETED WORKS, SD	\$279,000		\$279,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
SD	MVD	ENS, FDRR, REC	LAKE TRAVERSE, SD & MN	\$693,000		\$693,000		Funds are being used for routine O&M.	
SD	NWD	ENS, HYD, JOINT, REC, WTR	OAHE DAM, LAKE OAHE, SD & ND	\$13,829,000	\$100,000	\$13,929,000	5	Funds are being used for routine O&M. Funds are also being used for specific activities including to replace outdoor station switch gear equipment (\$600,000), for protection of the Rorgo/Ryghs cultural site (\$250,000), to replace windows in the powerhouse administration offices (\$113,000), to remove asbestos containing materials from several areas of the project (\$215,000), and to complete a master plan supplement for the study and development of a recreation area near Kenel, ND (\$50,000).	Funds will be used for Upper Missouri Basin Flood and Drought Monitoring.
SD	NWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, SD	\$102,000		\$102,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
TN	LRD	ENS, HYD, JOINT, REC, WTR	CENTER HILL LAKE, TN	\$10,347,000		\$10,347,000		Funds are being used for routine O&M of the project; replacing the existing SCADA system; upgrading the powerhouse ventilation system and repairing the failed spillway gate trunnion & seals.	
TN	LRD	ENS, HYD, JOINT, NIH, REC, WTR	CHEATHAM LOCK AND DAM, TN	\$8,243,000		\$8,243,000		Funds are being used for routine O&M of the project and replacement of the existing SCADA system.	
TN	LRD	NIH	CHICKAMAUGA LOCK, TENNESSEE RIVER, TN	\$6,067,000		\$6,067,000		Funds are being used for repair of Upstream Miter Gate Embedded Anchorage and post tensioning anchors for monolith block 48.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
TN	LRD	ENS, HYD, JOINT, NIH, REC, WTR	CORDELL HULL DAM AND RESERVOIR, TN	\$7,702,000		\$7,702,000		Funds are being used for routine O&M of the project. Additional funds are provided for repair of waterlines at Salt Lick Campground (\$180,000).	
TN	LRD	ENS, HYD, JOINT, REC, WTR	DALE HOLLOW LAKE, TN	\$9,071,000		\$9,071,000		Funds are being used for routine O&M, replacement of the existing SCADA system (\$800,000), and rehabilitation of the powerhouse elevator (\$850,000).	
TN	LRD	FDRR	INSPECTION OF COMPLETED WORKS, TN	\$334,000		\$334,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
TN	LRD	ENS, HYD, JOINT, REC, WTR	J PERCY PRIEST DAM AND RESERVOIR, TN	\$5,592,000		\$5,592,000		Funds are being used for routine O&M; preparation of water storage agreements per the terms of a settlement agreement with the Town of Smyrna (\$35,000); and replacing the existing SCADA system (\$500,000).	
TN	MVD	NHS	NORTHWEST TENNESSEE REGIONAL HARBOR, LAKE COUNTY, TN	\$10,000	\$700,000	\$710,000	4	Funds are being used to monitor channel conditions, publish a Controlling Depth Report and coordinate with US Coast Guard and local stakeholders.	Funds will be used for maintenance dredging.
TN	LRD	ENS, HYD, JOINT, NIH, REC, WTR	OLD HICKORY LOCK AND DAM, TN	\$10,326,000		\$10,326,000		Funds are being used for routine O&M of the project.	
TN	MVD	NOTH	PROJECT CONDITION SURVEYS, TN	\$1,000		\$1,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
TN	LRD	NIH	TENNESSEE RIVER, TN	\$22,578,000		\$22,578,000		Funds are being used for routine O&M and non-routine maintenance for dredging Tennessee River Miles 196-197 at Diamond Island (\$2,200,000) and repair of Upstream Miter Gate Embedded Anchorage (\$3,097,000).	
TN	MVD	NHS	WOLF RIVER HARBOR, TN	\$1,385,000		\$1,385,000		Funds are being used for routine operations, maintenance and limited harbor dredging to authorized channel dimensions.	
TX	SWD	ENS, FDRR, REC, WTR	AQUILLA LAKE, TX	\$1,080,000		\$1,080,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS	ARKANSAS - RED RIVER BASINS CHLORIDE CONTROL - AREA VIII, TX	\$1,794,000		\$1,794,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	BARDWELL LAKE, TX	\$3,236,000		\$3,236,000		Funds are being used for routine operation and maintenance (O&M). Also, non-routine maintenance packages includes maintenance for water lines (\$880,000). There is a total of \$20,000 provided for a sustainability package to replace security lights.	
TX	SWD	ENS, FDRR, REC, WTR	BELTON LAKE, TX	\$4,655,000		\$4,655,000		Funds are being used for routine operation and maintenance. Non-routine maintenance packages include \$250,000 for Master plan compliance report and \$750,000 for repairs to cracked service gate.	
TX	SWD	ENS, FDRR, REC, WTR	BENBROOK LAKE, TX	\$3,368,000		\$3,368,000		Funds are being used for routine O&M. Non-routine packages include upgrading the electrical system (\$50,000) and modernizing park facilities (\$360,000). There is a total of \$20,000 provided for a sustainability work to update water source at lake office.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
TX	SWD	NHD	BRAZOS ISLAND HARBOR, TX	\$2,700,000	\$4,000,000	\$6,700,000	2	Funds are being used to perform maintenance dredging of the Jetty Channel with beach disposal.	Funds will be used for maintenance dredging.
TX	SWD	FDRR	BUFFALO BAYOU AND TRIBUTARIES, TX	\$2,818,000		\$2,818,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	CANYON LAKE, TX	\$3,449,000		\$3,449,000		Funds are being used for routine O&M activities.	
TX	SWD	NHS	CHANNEL TO HARLINGEN, TX	\$2,400,000		\$2,400,000		Funds are being used for maintenance dredging of the Main Channel to project depth, the Turning Basin to advance maintenance depth, and hot spot dredging.	
TX	SWD	NHS	CHANNEL TO PORT BOLIVAR, TX	\$50,000		\$50,000		Funds are being used to perform maintenance dredging of 950 feet of channel reach to the authorized project depth.	
TX	SWD	NHD	CORPUS CHRISTI SHIP CHANNEL, TX	\$10,800,000	\$1,530,000	\$13,320,000	2	Funds are being used for project coordination and to perform maintenance dredging of the Inner Basin to Viola Turning Basin and LaQuinta Channel to advance maintenance depth.	Funds will be used to perform Placement Area 8 improvements and sea turtle trawling associated with the dredging of the Entrance Channel.
TX	SWD	NHD	CORPUS CHRISTI SHIP CHANNEL, TX		\$990,000		6		Donor and Energy Transfer Port
TX	SWD	ENS, FDRR, HYD, JOINT, REC, WTR	DENISON DAM, LAKE TEXOMA, TX	\$8,581,000		\$8,581,000		Funds are being used for O&M, to purchase and install a new sequential event recorder at the powerhouse, and to repair shoreline erosion on the Shawnee Creek portion of the lake.	
TX	SWD	ENS	ESTELLINE SPRINGS EXPERIMENTAL PROJECT, TX	\$35,000		\$35,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	FERRELLS BRIDGE DAM, LAKE O' THE PINES, TX	\$4,041,000		\$4,041,000		Funds are being used for routine O&M, and non-routine maintenance to include boundary surveying (\$150,000) and master plan (\$300,000).	
TX	SWD	NHD	FREEPORT HARBOR, TX	\$5,600,000		\$5,600,000		Funds are being used for project coordination funding and maintenance dredging of the Freeport Entrance Channel to project depth with associated environmental requirements such as sea turtle trawling and Placement Area 1 improvements.	
TX	SWD	NHD	GALVESTON HARBOR AND CHANNEL, TX	\$5,000,000	\$10,630,000	\$15,630,000	2	Funds are being used for Pelican Island Placement Area improvements, dredging of Galveston Entrance Channel and project coordination.	Funds will be used for maintenance dredging, sea turtle trawling associated with entrance channel work, and San Jacinto placement area improvements.
TX	SWD	NHS	GIWW, CHANNEL TO VICTORIA, TX	\$3,500,000		\$3,500,000		Funds are being used for project coordination and to perform maintenance dredging of the lower reach to project depth.	
TX	SWD	ENS, FDRR, REC, WTR	GRANGER DAM AND LAKE, TX	\$2,311,000		\$2,311,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	GRAPEVINE LAKE, TX	\$3,494,000		\$3,494,000		Funds are being used for routine O&M. Non-routine maintenance package includes repair of emergency slide gates (\$1,000,000).	
TX	SWD	NIH	GULF INTRACOASTAL WATERWAY, TX	\$34,094,000	\$1,000,000	\$35,094,000	3	Funds are being used for routine O&M activities at the BRFG and at the CRL; maintenance dredging; electrical repairs at BRFG & CRL; maintenance of existing mooring buoys; placement area improvements at PA 88; and construction of beneficial use site K at Aransas Bay.	Funds will be used for maintenance dredging.
TX	SWD	ENS, FDRR, REC	HORDS CREEK LAKE, TX	\$2,036,000		\$2,036,000		Funds are being used for routine O&M activities.	
TX	SWD	NHD	HOUSTON SHIP CHANNEL, TX	\$31,300,000	\$6,000,000	\$38,290,000	2	Funds are being used for project coordination funding; maintenance dredging the Bayport to Morgans Point & Bayport Ship Channel to advance maintenance depth; dredging Morgans to Exxon and Barbours Cut Channel to project depth; improvements (including levee raising, dewatering, or shoreline stabilization) to the following placement areas: Mid Bay PA, Lost Lake PA, and Alexander Island PA.	Funds will be used for maintenance dredging.
TX	SWD	NHD	HOUSTON SHIP CHANNEL, TX		\$990,000		6		Donor and Energy Transfer Port

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
TX	SPD, SWD	FDRR	INSPECTION OF COMPLETED WORKS, TX	\$1,587,000		\$1,587,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
TX	SWD	ENS, FDRR, REC, WTR	JIM CHAPMAN LAKE, TX	\$1,975,000		\$1,975,000		Funds are being used for routine O&M. Non-routine work includes boundary inspection and maintenance (\$50,000).	
TX	SWD	ENS, FDRR, REC, WTR	JOE POOL LAKE, TX	\$2,248,000	\$200,000	\$2,448,000	5	Funds are being used for routine O&M. Non-routine work includes a master plan (\$250,000).	Funds will be used to continue the Master Plan update.
TX	SWD	FDRR	LAKE KEMP, TX	\$291,000		\$291,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	LAVON LAKE, TX	\$3,766,000		\$3,766,000		Funds are being used for routine O&M. Non-routine maintenance package includes boundary inspection and maintenance (\$400,000).	
TX	SWD	ENS, FDRR, REC, WTR	LEWISVILLE DAM, TX	\$4,614,000	\$275,000	\$4,889,000	5	Funds are being used for routine O&M. Non-routine work includes boundary inspections and maintenance (\$100,000) and continue the master plan update (\$300,000).	Funds will be used to continue the Master Plan update.
TX	SWD	NHD	MATAGORDA SHIP CHANNEL, TX	\$5,900,000	\$3,000,000	\$8,900,000	2	Funds are being used for project coordination and maintenance dredging of the Matagorda Peninsula to Point Comfort reach to project.	Funds will be used for maintenance dredging.
TX	SWD	ENS, FDRR, REC, WTR	NAVARRO MILLS LAKE, TX	\$2,546,000		\$2,546,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	NORTH SAN GABRIEL DAM AND LAKE GEORGETOWN, TX	\$2,558,000		\$2,558,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	O C FISHER DAM AND LAKE, TX	\$1,091,000		\$1,091,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	PAT MAYSE LAKE, TX	\$1,234,000		\$1,234,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	PROCTOR LAKE, TX	\$2,392,000		\$2,392,000		Funds are being used for routine O&M activities.	
TX	SWD	NOTH	PROJECT CONDITION SURVEYS, TX	\$323,000		\$323,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
TX	SWD	ENS, FDRR, REC, WTR	RAY ROBERTS LAKE, TX	\$2,091,000		\$2,091,000		Funds are being used for routine O&M. Non-routine work includes security system repairs (\$400,000).	
TX	SWD	NHD	SABINE - NECHES WATERWAY, TX	\$7,725,000	\$3,000,000	\$11,715,000	2	Funds are being used for project coordination labor; maintenance dredging of the Port Arthur Canal, Junction, Taylors Bayou and Turning Basin to project depth; and operation of the SNWW Saltwater Barrier Structure.	Funds will be used to perform operation of the saltwater barrier structure.
TX	SWD	NHD	SABINE - NECHES WATERWAY, TX		\$990,000		6		Donor and Energy Transfer Port
TX	SWD	ENS, FDRR, HYD, JOINT, REC, WTR	SAM RAYBURN DAM AND RESERVOIR, TX	\$7,415,000		\$7,415,000		Funds are being used for routine O&M and non-routine maintenance to include resurface roadways (\$400,000) and boundary inspections and maintenance (\$100,000).	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
TX	SWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, TX	\$332,000		\$332,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
TX	SWD	ENS, FDRR, REC, WTR	SOMERVILLE LAKE, TX	\$4,159,000		\$4,159,000		Funds are being used for routine O&M. Non-routine maintenance work includes \$817,000 to repair service gates.	
TX	SWD	ENS, FDRR, REC, WTR	STILLHOUSE HOLLOW DAM, TX	\$5,068,000		\$5,068,000		Funds are being used for routine O&M. Non-routine maintenance funding of \$2,500,000 is being used to repair service flood gates.	
TX	SWD	NHD	TEXAS CITY SHIP CHANNEL, TX	\$50,000	\$3,500,000	\$4,540,000	2	Funds are being used for project coordination activities.	Funds will be used to perform Placement Area 5 & 6 improvements.
TX	SWD	NHD	TEXAS CITY SHIP CHANNEL, TX		\$990,000		6		Donor and Energy Transfer Port
TX	SWD	ENS, FDRR, HYD, REC	TOWN BLUFF DAM, B A STEINHAGEN LAKE, TX	\$4,754,000		\$4,754,000		Funds are being used for routine O&M and non-routine maintenance to include repairing tainter gates (\$1,500,000).	
TX	SWD	ENS, FDRR, REC, WTR	WACO LAKE, TX	\$6,956,000		\$6,956,000		Funds are being used for routine O&M. Non-routine maintenance items include phase 2 tainter gate repairs (\$1,650,000) and security system upgrades (\$2,000,000).	
TX	SWD	FDRR	WALLISVILLE LAKE, TX	\$2,806,000		\$2,806,000		Funds are being used for O&M activities to include completion of the update to the Master Plan; creation of a water control manual; repair control structures; maintain boundary monumentation; and a period of record analysis of the saltwater barrier.	
TX	SWD	ENS, FDRR, HYD, JOINT, REC, WTR	WHITNEY LAKE, TX	\$5,722,000		\$5,722,000		Funds are being used for routine O&M activities.	
TX	SWD	ENS, FDRR, REC, WTR	WRIGHT PATMAN DAM AND LAKE, TX	\$3,958,000		\$3,958,000		Funds are being used for routine O&M. Non-routine maintenance work includes boundary surveying (\$175,000) and cultural resources site repair (\$405,000).	
UT	SPD	FDRR	INSPECTION OF COMPLETED WORKS, UT	\$24,000		\$24,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
UT	SPD	FDRR	SCHEDULING RESERVOIR OPERATIONS, UT	\$554,000		\$554,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
VA	NAD	NIL	ATLANTIC INTRACOASTAL WATERWAY - ACC, VA	\$3,627,000		\$3,627,000		Funds are being used to operate the bridge, lock, canal, and reservation for commercial traffic and Navy fuel barges. Non-routine work includes repair and replacement of a portion of the Great Bridge lock fender system; performance of hydraulic steel structure safety inspections on the Great Bridge lock valves; and repairs of one set of valves.	
VA	NAD	FDRR, NIL	ATLANTIC INTRACOASTAL WATERWAY - DSC, VA	\$1,852,000		\$1,852,000		Funds are being used to operate the bridges and locks and to operate the water control structures at Deep Creek, South Mills, and Lake Drummond.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
VA	NAD	NHS	CHINCOTEAGUE HARBOR OF REFUGE, VA	\$65,000		\$65,000		Funds are being used to dredge the basin and entrance channel using either government plant or a contract dredge.	
VA	NAD	NHS	CHINCOTEAGUE INLET, VA	\$566,000	\$250,000	\$816,000	4	Funds are being used for the dredging of critical shoals within the length of the project using Government Plant. It is anticipated that either the CURRITUCK or MURDEN will be assigned to remove the more hazardous shoals as they occur. A portion of the Funds are being used to Funds are being used channel surveys to monitor and report the channel conditions to users, and to coordinate with the Coast Guard on buoy and channel marker placements.	Funds will be used for maintenance dredging.
VA	NAD	FDRR	GATHRIGHT DAM AND LAKE MOOMAW, VA	\$2,347,000		\$2,347,000		Funds are being used for routine O&M.	
VA	NAD	NHD	HAMPTON ROADS, NORFOLK & NEWPORT NEWS HARBOR, VA (DRIFT REMOVAL)	\$1,470,000		\$1,470,000		Funds are being used to remove hazardous drift to prevent collisions with hulls and critical appendages and sinking of military, commercial, and pleasure craft. Area of operations include the largest naval base in the world - Naval Station Norfolk and 7th largest port in the nation and designation as a strategic port - Port of Virginia. Removal of over 1000 tons of drift yearly prevents several millions of dollars in repairs. FY 18 Funds are being used to support upgrades to the Vessel Elizabeth Field Office at Great Bridge Reservation.	
VA	NAD	NHD	HAMPTON ROADS, VA (PREVENTION OF OBSTRUCTIVE DEPOSITS)	\$170,000	\$450,000	\$620,000	2	Funds are being used for operations 3 days a week to patrol, investigate, and coordinate with US Coast Guard, Department of Justice, and other Federal and State agencies to prevent, detect, and prosecute the deposit of waste, refuse, and other injurious and hazardous materials into navigable waters.	Funds will be used to upgrade facilities.
VA	LRD, NAD, SAD	FDRC	INSPECTION OF COMPLETED WORKS, VA	\$364,000		\$364,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
VA	NAD	NHD	JAMES RIVER CHANNEL, VA	\$2,729,000	\$10,700,000	\$13,429,000	2	Funds are being used to dredge the most critical shoals, some of which can accumulate as much as 8 feet annually in portions of the James River. Condition surveys will also be performed, and are required to report conditions and adjust dredging schedules to react to ever-changing river conditions.	Funds will be used for maintenance dredging and to repair dredged material placement areas.
VA	SAD	ENS, FDRR, HYD, JOINT, REC, WTR	JOHN H KERR LAKE, VA & NC	\$16,229,000		\$16,229,000		Funds are being used for routine operation and maintenance in support of the multi-purpose project. Non-routine activities include plans and specifications to install Island Creek transformer (\$300,000), 125VDC system replacement (\$300,000), Motor Control Center Repair (\$3,700,000) and Supervisory Control Center (\$250,000), resolution of real estate encroachments (\$434,000), cultural resource plan (\$130,000) and Geospatial Land Data Migration Mapping (\$533,000).	
VA	LRD	ENS, FDRR, REC, WTR	JOHN W FLANNAGAN DAM AND RESERVOIR, VA	\$3,443,000	\$90,000	\$3,533,000	5	Funds are being used for routine O&M activities and to correct the spillway gate structural deficiency.	Funds will be used to initiate and complete an update to the water control manual.
VA	NAD	NHS	LYNNHAVEN INLET, VA	\$600,000	\$325,000	\$925,000	4	Funds are being used to fund the USACE Dredge Currituck to remove critical shoaling in the entrance channel and turning basin.	Funds will be used for maintenance dredging.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
VA	NAD	NHD	NORFOLK HARBOR, VA	\$9,421,000	\$5,350,000	\$18,731,000	2	Funds are being used for the annual minimal level of maintenance, to dredge only critical shoaling within Norfolk Harbor Reach and Craney Island Reach to a maintained depth of -50 FT MLLW. Failure to maintain depths will result in draft restrictions causing significant economic losses, impacts to Nation, U.S. Navy, and Commercial Navigation. The funds will also provide for the maintenance of primary containment dikes essential to providing capacity for dredged material from Federal and commercial projects.. Funds are being used to perform approximately 5 condition surveys of Norfolk Harbor Channel project elements. Surveys will be used to detect shoaling, report accurate, up-to-date conditions to the customers, and help plan for future maintenance dredging. Funds are also being used to replace one of the six primary spillboxes at Craney Island Dredged Material Management Area.	Funds will be used to perform additional dike maintenance and replace one of the six primary spillboxes at the Craney Island Dredge Material Management Area.
VA	NAD	NHD	NORFOLK HARBOR, VA		\$3,960,000		6		Donor and Energy Transfer Port
VA	LRD	ENS, FDRR, REC, WTR	NORTH FORK OF POUND RIVER LAKE, VA	\$590,000		\$590,000		Funds are being used for routine O&M.	
VA	SAD	ENS, FDRR, HYD, JOINT, REC	PHILPOTT LAKE, VA	\$4,871,000		\$4,871,000		Funds are being used for routine operation and maintenance in support of the multi-purpose project. Non-routine maintenance activities includes design work to replace the existing power plant control system (\$200,000) and Geospatial Land Data Migration (\$54,000). There is a total of \$6,000 for sustainability work on the project to replace outdoor security lighting with LED lights.	
VA	NAD	NOTH	PROJECT CONDITION SURVEYS, VA	\$1,195,000		\$1,195,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
VA	NAD	NHS	RUDEE INLET, VA	\$520,000	\$200,000	\$720,000	4	Funds are being used for the USACE Dredge CURRITUCK to remove the critical ebb shoal from inlet.	Funds will be used for maintenance dredging.
VA	NAD	NHS	WATERWAY ON THE COAST OF VIRGINIA, VA	\$0	\$1,750,000	\$1,750,000	4		Funds will be used for maintenance dredging.
VI	SAD	FDRR	INSPECTION OF COMPLETED WORKS, VI	\$24,000		\$24,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
VI	SAD	NOTH	PROJECT CONDITION SURVEYS, VI	\$100,000		\$100,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
VT	NAD	ENS, FDRR, REC	BALL MOUNTAIN, VT	\$1,019,000		\$1,019,000		Funds are being used to perform routine O&M. In addition, non-routine work is funded to replace a thrust nut cover on flood control gate #1 (\$35,000) and to investigate the repair of the conduit lining (\$40,000).	
VT	NAD	NHS	GORDONS LANDING, VT	\$250,000		\$250,000		Funds are being used for a structural condition survey above and below waterline of subsided stone breakwater and engineering and design for repair of the breakwater.	
VT	NAD	FDRR	INSPECTION OF COMPLETED WORKS, VT	\$172,000		\$172,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
VT	NAD	NHS	NARROWS OF LAKE CHAMPLAIN, VT & NY	\$50,000		\$50,000		Funds are being used for project condition surveys and inspection of fender booms.	
VT	NAD	ENS, FDRR, REC	NORTH HARTLAND LAKE, VT	\$1,311,000		\$1,311,000		Funds are being used to perform routine O&M. In addition, nonroutine work will be funded for \$63,000 for dam safety items including updating the Inflow Design Flood and inspecting the conduit upstream of the conduit and \$310,000 to replace office septic system, pave outer parking lot, replace log boom logs and complete advanced engineering design for gatehouse painting and led abatement.	
VT	NAD	ENS, FDRR, REC	NORTH SPRINGFIELD LAKE, VT	\$936,000		\$936,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$95,000 replace project generator, roof, windows, siding, and doors.	
VT	NAD	ENS, FDRR, REC	TOWNSHEND LAKE, VT	\$1,900,000		\$1,900,000		Funds are being used to perform routine O&M. In addition, nonroutine work is funded including \$600,000 to complete maintenance painting of the spillway bridge, \$350,000 to perform video inspection of the relief well and its collector pipes, and \$95,000 to design and construction of automation of v-notch weirs at each collector pipe.	
VT	NAD	ENS, FDRR, REC	UNION VILLAGE DAM, VT	\$1,495,000		\$1,495,000		Funds are being used to perform routine O&M. In addition, nonroutine work is being funded for \$170,000 to replace floatwell, motor control center and downstream gauge and \$555,000 to conduct road and building repairs and complete the arc flash hazard assessment.	
WA	NWD	NHD	BELLINGHAM HARBOR, WA	\$0	\$30,000	\$30,000	2		Funds will be used to perform maintenance dredging condition surveys.
WA	NWD	REC	CHIEF JOSEPH DAM, WA	\$636,000		\$636,000		Funds are being used for routine O&M.	
WA	NWD	NHD	COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA & PORTLAND, OR	\$46,767,000	\$6,500,000	\$53,267,000	2	Funds are being used for maintenance dredging.	Funds will be used to for maintenance dredging; continue the design documentation report and environmental coordination for repairs to Cottonwood Island Pile Dike System; and continue the Columbia River Dredged Material Management Plan.
WA	NWD	NHD	COLUMBIA RIVER AT BAKER BAY, WA & OR	\$1,809,000		\$1,809,000		Funds are being used for maintenance dredging.	
WA	NWD	NHD	COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR	\$1,246,000		\$1,246,000		Funds are being used for maintenance dredging.	
WA	NWD	FOTH, NOTH	COLUMBIA RIVER FISH MITIGATION, WA, OR & ID	\$1,907,000		\$1,907,000		Funds are being used for routine O&M for the Columbia River Fish Mitigation assets.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
WA	NWD	NHD	EVERETT HARBOR AND SNOHOMISH RIVER, WA	\$2,281,000		\$2,281,000		Funds are being used for maintenance dredging as well as chemical and physical monitoring of the Point Gardner disposal site. Project condition surveys will be conducted to monitor and report channel conditions to the project sponsor, the US Navy, the US Coast Guard (USCG) and other waterway users.	
WA	NWD	NHD	GRAYS HARBOR, WA	\$11,710,000	\$4,255,000	\$15,965,000	2	Funds are being used for routine operations and maintenance for navigation activities, including extensive export activity, USCG Search & Rescue, Tribal fishing activities, and critical fleet maintenance support service. Routine work includes outer harbor hopper dredging and inner harbor clamshell dredging.	Funds will be used for maintenance dredging and to repair the Pt. Chehalis revetment.
WA	NWD	ENS, FDRR	HOWARD HANSON DAM, WA	\$3,819,000		\$3,819,000		Funds are being used for routine O&M.	
WA	NWD	ENS, JOINT, NIH, REC	ICE HARBOR LOCK AND DAM, WA	\$5,510,000	\$151,000	\$5,661,000	1	Funds are being used for routine O&M. Funds also will be used for specific non-routine activities including to design a water treatment system at Fishhook Park (\$350,000); to design the spillway gate system to include 10 spillway gates, mechanical and electrical systems (\$171,000); and a sustainability package to purchase and install one plug-in electric vehicle charging station (\$15,000).	Funds will be used for Plans and Specifications for maintenance dredging.
WA	NWD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, WA	\$70,000		\$70,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	
WA	NWD	FDRR	INSPECTION OF COMPLETED WORKS, WA	\$1,057,000		\$1,057,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
WA	NWD	NHD	KENMORE NAVIGATION CHANNEL, WA	\$0	\$600,000	\$600,000	2		Funds will be used to perform sediment characterization.
WA	NWD	NIL	LAKE RIVER, WA	\$0	\$138,000	\$138,000	4		Funds will be used to perform sediment quality evaluations.
WA	NWD	ENS, NHD, REC	LAKE WASHINGTON SHIP CANAL, WA	\$9,870,000	\$13,149,000	\$23,019,000	2	Funds are being used for routine operation and maintenance for navigation, recreation, and environmental stewardship. Non-routine funded work includes replacement of the air supply lines that clear debris from lock gates.	Funds will be used to replace the filling culvert valve; replace the fish ladder programmable logic controller; and replace the Lock #2 gate bushing.
WA	NWD	ENS, JOINT, NIH, REC	LITTLE GOOSE LOCK AND DAM, WA	\$2,836,000		\$2,836,000		Funds are being used for routine O&M.	
WA	NWD	ENS, JOINT, NIH, REC	LOWER GRANITE LOCK AND DAM, WA	\$4,532,000	\$952,000	\$5,484,000	3	Funds are being used for routine O&M. Funds are also being used for specific non-routine activities including to conduct biological monitoring of the 2015 dredging disposal site habitat area in accordance with the Programmatic Sediment Management Plan (\$311,000) and to repair a failed downstream miter gate pintle bearing grease line (\$900,000).	Funds will be used for maintenance dredging and to perform miter gate pintle bearing grease line repairs.
WA	NWD	ENS, JOINT, NIH, REC	LOWER MONUMENTAL LOCK AND DAM, WA	\$3,636,000		\$3,636,000		Funds are being used for routine O&M. Funds are also being used for specific non-routine activities including for the design of navigation lock electrical and controls systems replacement (\$800,000).	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
WA	NWD	ENS, FD RR, REC	MILL CREEK LAKE, WA	\$4,492,000		\$4,492,000		Funds are being used for routine O&M. Funds are also being used for specific non-routine activities including for return canal expansion joint repairs (\$230,000), for needle gates replacement at Yellowhawk/Garrison Creek division works (\$289,000), for intake canal and diversion dam diffuser block replacement (\$368,000), and for armor rehabilitation on the return channel bank (\$168,000).	
WA	NWD	FD RR	MOUNT SAINT HELENS SEDIMENT CONTROL, WA	\$268,000		\$268,000		Funds are being used for routine O&M.	
WA	NWD	ENS, FD RR, REC	MUD MOUNTAIN DAM, WA	\$4,962,000		\$4,962,000		Funds are being used for routine O&M.	
WA	NWD	NHS	PORT TOWNSEND, WA	\$3,000		\$3,000		Funds are being used for routine operations and maintenance for navigation.	
WA	NWD	NOTH	PROJECT CONDITION SURVEYS, WA	\$779,000		\$779,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
WA	NWD	NOTH	PUGET SOUND AND TRIBUTARY WATERS, WA	\$1,913,000		\$1,913,000		Funds are being used for targeted activities including the removal and disposal of hazards to navigation composed of man-made and large woody debris in the Federal Navigation Channel waters of Puget Sound, reducing collision hazards for the shipping industry and public users.	
WA	NWD	NHS	QUILLAYUTE RIVER, WA	\$283,000	\$2,025,000	\$2,308,000	4	Funds are being used for project management.	Funds will be used for the Rialto Beach revetment repair.
WA	NWD	FD RR	SCHEDULING RESERVOIR OPERATIONS, WA	\$425,000		\$425,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
WA	NWD	NHD	SEATTLE HARBOR, WA	\$389,000	\$2,226,000	\$2,615,000	6	Funds are being used for project management.	Donor and Energy Transfer Port
WA	NWD	FD RR	STILLAGUAMISH RIVER, WA	\$303,000		\$303,000		Funds are being used for routine O&M.	
WA	NWD	FD RR	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, WA	\$64,000		\$64,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
WA	NWD	NHS	SWINOMISH CHANNEL, WA	\$1,528,000	\$890,000	\$2,418,000	4	Funds are being used for routine maintenance dredging of the southern channel entrance.	Funds will be used for maintenance dredging and to conduct condition surveys.
WA	NWD	NHD	TACOMA HARBOR, WA	\$5,000	\$2,195,000	\$2,200,000	6	Funds are being used for routine operations and maintenance for navigation.	Donor and Energy Transfer Port
WA	NWD	FD RR	TACOMA, PUYALLUP RIVER, WA	\$226,000		\$226,000		Funds are being used for routine O&M.	
WA	NWD	ENS, JOINT, NIH, REC	THE DALLES LOCK AND DAM, WA & OR	\$3,776,000		\$3,776,000		Funds are being used for routine O&M. Non routine items include spillway Lower Columbia comprehensive assessment (\$195,000).	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
WA	NWD	NHD	WILLAPA RIVER AND HARBOR, WA	\$0	\$290,000	\$290,000	2		Funds will be used for maintenance dredging condition surveys and environmental documentation.
WI	LRD	NHD	ASHLAND HARBOR, WI	\$0	\$450,000	\$450,000	2		Funds will be used for breakwater repairs.
WI	LRD	NHS	CORNUCOPIA HARBOR, WI	\$0	\$200,000	\$200,000	4		Funds will be used for Engineering and Design of breakwater repairs.
WI	MVD	ENS, FD RR, REC	EAU GALLE RIVER LAKE, WI	\$2,199,000		\$2,199,000		Funds are being used for routine operation and maintenance activities. Additional funding to complete master plan and repair steel conduit liner.	
WI	LRD	ENS, FD RR	FOX RIVER, WI	\$5,758,000		\$5,758,000		Funds are being used for routine O&M including collection of water level data, operation of dams to regulate flows to support project uses (e.g., flood risk management, private hydropower, paper mills and municipal uses), dam safety data collection and inspections, and compliance with State and Federal historic preservation requirements. Funding for non-routine activities is being used to award contracts for the fabrication of new gate seals (\$675,000), and repair of dam gates, trunnion pins and pier concrete at Kaukauna Dam (\$2,700,000), as well as to complete efforts associated with compliance with USACE Critical Infrastructure and Resilience Program requirements. Funds are being used also be used for compliance with State and Federal historic preservation requirements.	
WI	LRD	NHD	GREEN BAY HARBOR, WI	\$3,911,000		\$3,911,000		Funds are being used for routine operation and maintenance (O&M) for navigation within Green Bay Harbor. Work includes project condition surveys and maintenance dredging.	
WI	MVD	FD RR	INSPECTION OF COMPLETED WORKS, WI	\$55,000		\$55,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
WI	LRD	ENS	KEWAUNEE HARBOR, WI	\$12,000		\$12,000		Funds are being used for O&M. Funds are being used for maintaining compliance with the National Historic Preservation Act and with the Historic Management Plan.	
WI	LRD	NHD	MILWAUKEE HARBOR, WI	\$1,280,000	\$1,000,000	\$2,280,000	2	Funds are being used for routine operation and maintenance (O&M) for navigation within Milwaukee Harbor. Work will include maintenance of portions of the north breakwater to protect the navigation channel.	Funds will be used for maintenance dredging.
WI	LRD, MVD	NOTH	PROJECT CONDITION SURVEYS, WI	\$321,000		\$321,000		Funds are being used for performing hydrographic and topographic project condition surveys (PCS) for Federally-authorized navigation projects, including navigation channels, inlets, anchorages, structures such as jetties and breakwaters, and other navigation features within the states. Funds are also used to respond to unanticipated needs, including concerns raised by the U.S. Coast Guard, local harbor masters, or other agencies regarding projects that have become shoaled as a result of severe storms and/or abnormal deposition rates that may have compromised safe navigation.	
WI	LRD	NHD	STURGEON BAY HARBOR AND LAKE MICHIGAN SHIP CANAL, WI	\$0	\$800,000	\$800,000	2		Funds will be used for maintenance dredging.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
WI	LRD	FDRC	SURVEILLANCE OF NORTHERN BOUNDARY WATERS, WI	\$596,000		\$596,000		Funds are being used for monitoring of lake levels and outflows; monitoring and approving international apportionment of water; forecasting lake levels and river flows during periods of high or low water collecting, analyzing, and maintaining hydrometeorologic data, including post-flood reports; monitoring flood operations; assisting in transboundary dispute resolution; and preparing and disseminating information to the public.	
WI	LRD	NHD	TWO RIVERS HARBOR, WI	\$0	\$1,050,000	\$1,050,000	2		Funds will be used for maintenance dredging.
WV	LRD	ENS, FD RR, REC	BEECH FORK LAKE, WV	\$1,846,000		\$1,846,000		Funds are being used for routine O&M activities, and to replace the bulkhead crane and monorail system (\$75,000) and replacing water lines (\$305,000).	
WV	LRD	ENS, FD RR, REC	BLUESTONE LAKE, WV	\$2,283,000		\$2,283,000		Funds are being used for routine O&M activities, conducting an emergency exercise, completing P&S to replace crest gate machinery and replacement of enclosed gears.	
WV	LRD	ENS, FD RR, REC	BURNSVILLE LAKE, WV	\$2,495,000		\$2,495,000		Funds are being used for routine O&M activities.	
WV	LRD	ENS, FD RR, REC	EAST LYNN LAKE, WV	\$2,347,000		\$2,347,000		Funds are being used for routine O&M activities and funds to investigate the Intake Structure gate guides.	
WV	LRD	FD RR	ELKINS, WV	\$15,000		\$15,000		Funds are being used for routine O&M activities.	
WV	LRD, NAD	FD RR	INSPECTION OF COMPLETED WORKS, WV	\$463,000		\$463,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
WV	LRD	ENS, NIH, REC	KANAWHA RIVER LOCKS AND DAMS, WV	\$13,249,000	\$2,091,000	\$15,340,000	4	Funds are being used for routine O&M activities and plans and specifications to replace the Winfield L&D Roller Gates, and repairs to the Winfield dam gate rim gears and seals.	Funds will be used at the Winfield Locks & Dam to repair and reinforce the gate anchors.
WV	LRD	ENS, NIH, REC	OHIO RIVER LOCKS AND DAMS, WV, KY & OH	\$26,835,000	\$3,000,000	\$29,835,000	3	Funds are being used for routine O&M activities, repairing the miter gates at Belleville L&D, installing middle wall anchors at Greenup L&D and repairing the main chamber miter gates and the harbor at R. C. Byrd L&D.	Funds will be used to install miter gates at Meldahl and perform repairs to the Greenup Locks & Dam middle lock wall.
WV	LRD	NIH	OHIO RIVER OPEN CHANNEL WORK, WV, KY & OH	\$2,724,000		\$2,724,000		Funds are being used for routine O&M dredging.	
WV	LRD	ENS, FD RR, REC	R D BAILEY LAKE, WV	\$2,636,000		\$2,636,000		Funds are being used for routine O&M activities.	
WV	LRD	ENS, FD RR, REC, WTR	STONEWALL JACKSON LAKE, WV	\$1,265,000		\$1,265,000		Funds are being used for routine O&M activities.	
WV	LRD	ENS, FD RR, REC, WTR	SUMMERSVILLE LAKE, WV	\$2,453,000		\$2,453,000		Funds are being used for routine O&M activities and to initiate the Master Plan update.	
WV	LRD	ENS, FD RR, REC	SUTTON LAKE, WV	\$2,440,000		\$2,440,000		Funds are being used for routine O&M activities.	
WV	LRD	ENS, FD RR, REC, WTR	TYGART LAKE, WV	\$3,283,000		\$3,283,000		Funds are being used for routine O&M plus replacement of the trash boom and deteriorated upper span of trash racks.	
WY	NWD	ENR	INSPECTION OF COMPLETED ENVIRONMENTAL PROJECTS, WY	\$10,000		\$10,000		Funds are being used to conduct pre-inspection preparation, post-inspection reporting, transmit notification requirements to the sponsor, and add completed inspection reports to the National Ecosystem Restoration Project Database. The program covers all 50 states and territories of the U.S.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
WY	NWD	FDRR	INSPECTION OF COMPLETED WORKS, WY	\$80,000		\$80,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. Funds are also used to review updates to project operation and maintenance manuals.	
WY	NWD	FDRR	JACKSON HOLE LEVEES, WY	\$1,814,000		\$1,814,000		Funds are being used for routine O&M. Funding is also being used for specific non-routine activities including for the installation of rock barbs on the John Dodge Levee (\$195,000).	
WY	NWD	FDRR	SCHEDULING RESERVOIR OPERATIONS, WY	\$80,000		\$80,000		Funds are being used to manage and operate stream gages, rain gages, and reservoir level gages for flood forecasting and reservoir regulating; for data collection to support operational decisions, environmental monitoring, and drought contingency actions; and for additional activities such as dam operator and flood training exercises.	
XX	ERDC	RI	AQUATIC NUISANCE CONTROL RESEARCH	\$675,000		\$675,000		Funds are being used to complete field studies to monitor and determine longevity and fecundity estimates for Asian carp populations. Data will be used to reparameterize and improve existing population models for assessing Asian carp impacts to aquatic ecosystems. Complete field studies to evaluate the performance of deployed traps and barriers retrofitted with submersed metals to prevent passage of sea lamprey. Initiate the development and evaluation of new, non-toxic antifouling technologies for protection of Corps hydraulic structures to reduce the corrosion risk and maintenance costs associated with invasive mussels (zebra and quagga mussels) and other aquatic invasive macro-fouling organisms.	
XX	ERDC	RI	ASSET MANAGEMENT / FACILITY EQUIPMENT MANAGEMENT (FEM)	\$3,650,000	\$2,400,000	\$7,250,000	5	Funds are being used to implement ORA and refinements for flood and coastal storm damage reduction and navigation projects, respectively. Coordinate draft outputs from the Corps Value Model effort. Develop improved reporting for two of the eight PMMPs, including automation of data between the Facilities and Equipment Maintenance system (FEM) and the Enterprise Data Warehouse (EDW). Conduct system modeling on Missouri River hydropower system. Complete the OCA tool, training, and guidance for recreation assets. Continue development of baseline OCA and ORA for navigation channels and environmental stewardship assets. Continued implementation and refinement of MMIPs, including developing better reports and metrics for measuring progress.	Funds will be used for Cybersecurity activities.
XX	SWD,IWR	RI	ASSET MANAGEMENT / FACILITY EQUIPMENT MANAGEMENT SYSTEM		\$1,200,000		1		Funds will be used for Cybersecurity activities.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
XX	HQ	RI	CIVIL WORKS WATER MANAGEMENT SYSTEM (CWWMS)	\$10,000,000		\$10,000,000		Funds are being used to continue to the nationwide CWMS modeling effort to enhance the operational decision making for floods, droughts, operations planning and real-time operations. This will include developing the hydrologic and hydraulic models required for a watershed approach to effectively meet authorized purposes. Data collection, data dissemination, and modeling and analysis capabilities will be addressed on a national level. Funds from this account will be used to complete the 22 basins started in FY 2017 as well as 5 new start basins in FY 2018. An additional 18 basins will be started in FY 2018; due to size and complexity, all of these basins will be completed in FY 2019. At the end of FY 2018, 118 of the 201 basins will be implemented. In addition, the Funds are being used to help establish continuity of operations capabilities that fully support the water management mission and complies with U.S. Army Corps of Engineers and Department of Defense Corporate Information Assurance and Security requirements. With the basins scheduled for completion through FY 2018, 74% of the total USACE land area will be modeled, 84% of the USACE river miles will be modeled, and 80% of the USACE reservoirs will be modeled.	
XX	ERDC	RI	COASTAL INLET RESEARCH PROGRAM	\$2,975,000		\$2,975,000		Funds are being used for the Coastal Inlets Research Program is used to advance knowledge and tools to better predict future channel shoaling, to provide quantitative and practical predictive tools and data to reduce the cost of dredging for Federal navigation projects and to maintain jetties, identify potential unintended consequences, mitigate for engineering activities related to navigation channels, and prioritize maintenance options.	
XX	ERDC	RI	COASTAL OCEAN DATA SYSTEM (CODS)	\$6,000,000		\$6,000,000		Funds are being used to update WIS data management and delivery system by migrating processing algorithms from Matlab code to python to reduce software costs and improving interoperability through refined graphical displays and data download capabilities. Use results from the FLOSSIE intra-measurement experiment in Monterey Bay (the experiment measured response of different buoys and sensor packages to optimize spectral data capabilities) to determine the quality of the past three decades of NOAA's NDBC 6N (NOMAD) buoy data. These 6N buoy systems are generally deployed in deep water and are the basis of altimeter algorithms to estimate wave height from satellite data. Updated WaveEval Tools will be used for rigorous spectral analysis evaluation of historical data	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
XX	MVD	RI	CULTURAL RESOURCES	\$1,000,000		\$1,000,000		Funds are being used to provide overall management of the Corps' NAGPRA programs and serves as a centralized base for compliance, an information source, and contracting. The Corps facilitates consistent nationwide NAGPRA program implementation and operation, which includes inventorying and summarizing collections, consulting with Indian tribes, researching cultural affiliation and aboriginal occupation, and returning NAGPRA collections to the appropriate Indian tribes.	
XX	NAD	RI	DREDGE MCFARLAND READY RESERVE	\$11,690,000		\$11,690,000		Funds are being used to maintain the dredge McFarland in ready reserve status with sufficient crew to respond within 72 hours when directed to do so for urgent and emergency purposes, and to Funds are being used 70 days of required training work in the Delaware River and Bay as specified in its authorization, with dredging work charged to the project dredged .	
XX	MVD	RI	DREDGE WHEELER READY RESERVE	\$15,000,000		\$15,000,000		Funds are being used to maintain the Wheeler in ready reserve status, and will not be assigned any scheduled hopper dredging work other than 70 days of maintenance dredging that will be completed in conjunction with readiness exercises to maintain the skills of the crew, and ensure that the Wheeler remains in a fully operational state, ready to respond to any emergent dredging requirements. The Wheeler will remain at the dock, with sufficient crew to respond within 72 hours when directed to do so.	
XX	IWR	RI	DREDGING DATA AND LOCK PERFORMANCE MONITORING SYSTEM	\$1,120,000	\$175,000	\$1,295,000	1	Funds are being used for Data Migration work for data critical to the collection of transportation data at our inland facilities and the Dredging Information System, system interface improvements	Funds will be used to modify the OTN system to comply with a 2017 GAO report.
XX	ERDC	RI	DREDGING OPERATIONS AND ENVIRONMENTAL RESEARCH (DOER)	\$6,450,000		\$6,450,000		Funds are being used to fund activities that can be used to benefit both current and future projects. Focus areas are: Sediment and Dredging Processes; Dredged Material Management; Environmental Resource Management; Risk Management.	
XX	ERDC	RI	DREDGING OPERATIONS TECHNICAL SUPPORT PROGRAM (DOTS)	\$2,820,000		\$2,820,000		Funds are being used for technical assistance to field offices to bolster technical expertise for new or ongoing issues that impact the execution of the program.	
XX	HQ	RI	EARTHQUAKE HAZARDS REDUCTION PROGRAM	\$300,000		\$300,000		Funds are being used to develop and implement a Seismic Safety Action Classification System (SSAC) for buildings. This program provides evaluation procedures for ranking civil works buildings in order of greatest seismic risk. This program will meet the executive order requirements, while continuing to develop technical seismic building evaluation and mitigation procedures. Funds are also used to provide seismic input to Headquarters publications as needed, provide interpretation of seismic codes and criteria as needed, maintain technical seismic expertise, supplement development of guidance for seismic design of Civil Works projects, address lifeline systems not previously covered in commercially available standards or existing USACE guidance, and to develop guidance for operations personnel.	
XX	HQ	RI	FISH & WILDLIFE OPERATING FISH HATCHERY REIMBURSEMENT	\$5,400,000		\$5,400,000		Funds are being transferred to the USFWS to produce and release approximately 12 million mitigation fish at 45 different receiving waters impacted by 37 Corps dams to meet mitigation requirements	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
XX	HQ	RI	FACILITY PROTECTION	\$6,000,000		\$6,000,000		Funds are being used for the USACE CIPR program to implement the 2018 consequence-based screening and prioritization efforts at USACE Civil Works projects using the Dams Sector Consequence-Based Top Screen (CTS) methodology to identify and prioritize those high-consequence (critical) facilities in USACE's Civil Works portfolio. This process informs which projects represent the highest priority to conduct Common Risk Model for Dams security risk assessments. Some additional activities in FY2018 will include enhancements of web-based capabilities (Corps of Engineers Security Assessment Tool) and support to MSCs and Districts on CRM-D implementation at USACE Civil Works projects.	
XX	IWR	RI	HARBOR MAINTENANCE FEE DATA COLLECTION	\$795,000		\$795,000		Funds are being used by the Corps to document the operation of the trust fund, analyze waterborne commerce shipments and vessel movement data to respond to legal questions to the HMT and the increasing requests for HMTF data/analyses, collaborate with CBP to improve CBP-Corps data communication systems to target delinquent domestic shippers for audit to increase HMT collections, continue ongoing HMT data collection and analysis programs, and to develop and implement improved data collection processes and systems and data analysis models and program computer enhancements to provide more complete/accurate domestic shipper information, as well as, the origin/destination of the vessel movements in order to more accurately identify those moves subject to the HMT.	
XX	LRD	RI	INLAND WATERWAY NAVIGATION CHARTS	\$4,500,000		\$4,500,000		Funds are being used to continue working with districts, USCG, and NOAA to provide high quality, accessible navigation information to waterways users.	
XX	IWR	RI	INSPECTION OF COMPLETED FEDERAL FLOOD CONTROL PROJECTS	\$20,000,000		\$20,000,000		Funds are being used to inspect Federally constructed and locally maintained flood risk management projects with an emphasis on approximately 11,750 of Federally authorized and locally maintained levee systems. For each of these projects, the Department of the Army and the non-Federal sponsor have executed an agreement to identify the "items of local cooperation" for Corps projects, including operation and maintenance requirements necessary to ensure the project will function as intended, as well as preserve the value of the Federal investment. The inspections are used to identify deficiencies or areas which need monitoring or immediate repair; to identify any changes over time; and to collect information in order to be able to make informed decisions about future actions. Funds are also used to review updates to project operation and maintenance manuals.	
XX	ERDC	RI	MONITORING OF COMPLETED NAVIGATION PROJECTS	\$9,500,000	\$450,000	\$9,950,000	1	Funds are being used for monitoring existing structures; river information services; and structural health monitoring.	Funds will be used by the Inland Navigation Design Center.

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
XX	IWR	RI	NATIONAL (LEVEE) FLOOD INVENTORY	\$10,000,000		\$10,000,000		Funds are being used to operate and maintain the NLD, including updating the existing data to reflect the best available risk-based levee information, and implementing software revisions to improve functionality and usability based on user feedback. Operation and maintenance activities for the NLD include supporting NLD related tools such as the Levee Inventory System and Levee Screening Tool, including training for these tools. These funds will also be used to continue work with Federal agency partners, such as FEMA, on Federal voluntary levee safety best practices and guidelines and public awareness efforts.	
XX	SAD	RI	NATIONAL COASTAL MAPPING PROGRAM	\$6,300,000		\$6,300,000		Funds are being used to commence NCMP survey operations on the U.S. Great Lakes shorelines. These survey operations will collect the third consecutive engineering and environmental dataset for the Great Lakes (2006-2008, 2011-2013, 2018-2020).	
XX	IWR	RI	NATIONAL DAM SAFETY PROGRAM (PORTFOLIO RISK ASSESSMENT)	\$10,000,000		\$10,000,000		Funds are being used for: 51 PAs are planned to be conducted, representing about 7% of the Corps dams. Funds are being used also be used for program and quality management, training to maintain Corps staff technical competency, policy and guidance development, consistency reviews on SQRA and PA reports, responses to and implementation of IEPR comments, data management, risk assessments, and technical and programmatic support for dam safety activities.	
XX	SPD	RI	NATIONAL EMERGENCY PREPAREDNESS PROGRAM (NEPP)	\$5,500,000		\$5,500,000		Funds are being used to execute the base program for NEPP activities and labor. FY 2018 activities include training, catastrophic disaster planning and the execution of the National Level Exercise (NLE).	
XX	HQ	RI	NATIONAL (MULTIPLE PROJECT) NATURAL RESOURCES MANAGEMENT ACTIVITIES	\$3,700,000		\$3,700,000		Funds are being used for national recreation program initiatives such as the funding of: the park ranger uniform contract; a dozen "Handshake" partnership; the Water Safety MCX and associated national programs; environmental compliance work; the printing and publishing of NRM materials; support to volunteer clearinghouse; and a variety of sustainability work efforts including more energy audits, ESPC work, power purchase agreements, and data management to support USACE Sustainability Plan development and Scorecard submission.	
XX	IWR	RI	NATIONAL PORTFOLIO ASSESSMENT FOR REALLOCATIONS	\$800,000		\$800,000		Funds are being used to assess data and develop a consistent national approach to achieving consistent and sustainable water withdrawals (permanent reallocations and surplus water) including identification of status and challenges for USACE Reservoirs and to conduct initial assessments of pending reallocation requests.	
XX	IWR	RI	OPTIMIZATION TOOLS FOR NAVIGATION	\$322,000		\$322,000		Funds are being used for system improvements for ship and cargo route modeling	
XX	IWR	RI	PERFORMANCE-BASED BUDGETING SUPPORT PROGRAM	\$4,200,000		\$4,200,000		Funds are being used for CEFMS modernization to provide automated capability to readily produce monthly/quarterly or annual execution and status of fund reports that will provide Public Law level detail data. Stakeholders will have access to modern enterprise financial reporting, data analytics and dashboards for management and transparency of Civil Works Programs and Projects.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
XX	IWR	RI	RECREATION MANAGEMENT SUPPORT PROGRAM	\$1,550,000		\$1,550,000		Funds are being used to provide a nationwide funding source at HQUSACE for centralized procurement of these items used by all operating projects having a natural resources management program precludes the need for funds to be transferred by each project or district to a single procurement agent, a savings of from 60 to 300 transactions a year. Funding for these initiatives is sufficient to also cover the costs of the Recreation One-Stop Initiative, which was previously funded as a separate line item in the Budget.	
XX	ERDC	RI	REGIONAL SEDIMENT MANAGEMENT PROGRAM	\$3,500,000	\$5,450,000	\$8,950,000	2	Funds are being used to coordinate Regional Sediment Management (RSM) efforts nationally to improve the management and use of sediments across multiple projects to benefit a region in support of the Civil Works mission. Develop and enhance tools and technologies for implementing RSM approaches; Update RSM database and web-based viewer of USACE navigation projects which utilized RSM principles/Beneficial Use in placing sediments. Participate in regional and national initiatives to promote the RSM concepts and approach; and Document successes, challenges and lessons learned through technical reports.	Funds will be used for implementation of Section 1122 of WRDA 2016 (\$5,000,000) pilot studies, for RSM efforts at James River Channel, VA (\$300,000), and for RSM efforts at Columbia and Lower Willamette Rivers Below Vancouver, WA & Portland, OR (\$150,000).
XX	HQ	RI	PROTECTION OF NAVIGATION - REMOVAL OF SUNKEN VESSELS	\$0	\$400,000	\$400,000	2		Funds will be used for the removal of sunken vessels and to protect, clear, and straighten channels.
XX	IWR	RI	REVIEW OF NON-FEDERAL ALTERATIONS OF CIVIL WORKS PROJECTS (SECTION 408)	\$8,500,000		\$8,500,000		Funds are being used to enable the Corps to coordinate with the requester and review of the proposed alteration. Through Section 408 reviews, the Corps ensures that the alteration will not adversely impact the public interest and will not impair the usefulness of the authorized Corps project. The number of Section 408 requests in any year is dependent on many factors – primarily actions, schedules, and resources external to USACE. In its review of section 408 requests, the Corps considers a range of factors, such as the effects of the proposed alteration on the reduction of risk to life safety, the reduction of the risk of flood damages, the environment, the project's ability to meet its other authorized purpose(s), and tribal considerations.	
XX	IWR	RI	STEWARDSHIP SUPPORT PROGRAM	\$900,000		\$900,000		Funds are being used to conduct focused management action studies and recommend guidance to address high priority program efficiency and effectiveness concerns, including responses to new protocols for asset and risk management, regulation changes, and administration priorities through the Stewardship Support Program (SSP). Efforts will continue in support of performance based budgeting, in monitoring program performance and risk analysis, and in development of strategies to improve program outputs and outcomes.	
XX	IWR	RI	SUSTAINABLE RIVERS PROGRAM (SRP)	\$400,000		\$400,000		Funds are being used to accomplish national and site work in accordance with the following SRP principles: 1) Build capacity within the water management community to implement environmental flows with little or no direct involvement of SRP resources; 2) Engage partners to focus on sustainability and avoid conflict, including Endangered Species Act (ESA) consultations; and 3) Advance innovative efforts to implement environmental flows.	

**Army Civil Works Program
FY 2018 Work Plan - Operation and Maintenance**

STATE	DIVISION	BUSINESS PROGRAM	PROJECT OR PROGRAM	STATEMENT OF MANAGERS AMOUNT 1/	ADDITIONAL WORK PLAN AMOUNT	STATEMENT OF MANAGERS AND WORK PLAN TOTAL AMOUNT 2/	LINE ITEM OF ADDITIONAL FUNDING 2/	FY 2018 BUDGETED AMOUNT JUSTIFICATION	FY 2018 ADDITIONAL FUNDING JUSTIFICATION
XX	MVD	RI	VETERAN'S CURATION PROGRAM AND COLLECTIONS MANAGEMENT	\$6,500,000		\$6,500,000		Funds are being used to implement the agency-wide long-term plan for the curation and collections management of Corps archeological collections through the Veterans Curation Program.	
XX	ERDC	RI	WATER OPERATIONS TECHNICAL SUPPORT (WOTS)	\$5,500,000		\$5,500,000		Funds are being used to provide effective environmental and water quality management technologies to address a wide range of issues at Corps reservoir and waterway projects, and in river systems nationwide. Funds are also used for research and development of Forecast Informed Reservoir Operations (FIRO), an effort investigating the feasibility of using predictive capabilities of atmospheric river events to inform reservoir operations at Corps dams in the Western United States.	
XX	IWR	RI	WATERBORNE COMMERCE STATISTICS	\$4,670,000	\$910,500	\$5,580,500	1	Funds are being used to perform operation, maintenance and necessary enhancements of the nation's waterborne commerce, vessel and shipper data and statistics programs. Funds will also be used to increase project detail data requirements for budget submission and economic justification and to collaborate with partner agencies to improve navigation data from a Federal perspective including, acquiring and using software tools for program analysis, diagnostics and quality control.	Funds will be used to implement Waterborne Commerce Statistics system changes and continue data publishing changes.
			1% SET ASIDE:		\$5,096,800				
			GRAND TOTAL:	\$3,120,320,000	\$509,680,000	\$3,630,000,000			
			1/	All Statement of Managers amounts are subject to a 1% statutory deduction for emergency activities; that rescission has already been applied to the "Additional Funding".					
			2/	In accordance with the O&M appropriation title in the Energy and Water Development Appropriations Act, 2018, Division D, Title 1 of Public Law 115-141, one percent of each line item of additional funding provided for ongoing work in the O&M					

2/ KEY:	Funding Pot Name for "Additional Funding"	Additional Funding Allocation	Total Allocations	Unallocated Funding (for 1%)
1	NAVIGATION MAINTENANCE	\$24,280,000	\$24,037,200	\$242,800
2	NAVIGATION MAINTENANCE (DEEP-DRAFT HARBOR AND CHANNEL)	\$341,400,000	\$337,986,000	\$3,414,000
3	NAVIGATION MAINTENANCE (INLAND WATERWAYS)	\$30,000,000	\$29,700,000	\$300,000
4	NAVIGATION MAINTENANCE (SMALL, REMOTE, OR SUBSISTENCE NAVIGATION)	\$50,000,000	\$49,500,000	\$500,000
5	OTHER AUTHORIZED PROJECT PURPOSES	\$24,000,000	\$23,760,000	\$240,000
6	DONOR AND ENERGY TRANSFER PORTS	\$40,000,000	\$39,600,000	\$400,000
	TOTAL:	\$509,680,000	\$504,583,200	\$5,096,800

ENR	AQUATIC ECOSYSTEM RESTORATION
ENS	ENVIRONMENTAL STEWARDSHIP
FDRR	FLOOD DAMAGE REDUCTION RIVERINE
FDRC	FLOOD DAMAGE REDUCTION COASTAL
FOTH	FLOOD DAMAGE REDUCTION OTHER
HYD	HYDROPOWER
JOINT	JOINT
NHS	COASTAL NAVIGATION SHALLOW DRAFT
NHD	DEEP DRAFT NAVIGATION COASTAL
NIH	INLAND WATERWAYS HIGH USE
NIL	INLAND WATERWAYS LOW USE
NOTH	NAVIGATION OTHER
REC	RECREATION
RI	REMAINING ITEM
WTR	WATER SUPPLY