

**ARMY CIVIL WORKS PROGRAM
FY 2017 WORK PLAN - CONSTRUCTION**

STATE	DIVISION	BUSINESS PROGRAM 1/	PROGRAM NAME	FY 2017 EXPLANATORY STATEMENT	ADDITIONAL WORK PLAN AMOUNT	TOTAL FY 2017 ALLOCATION	LINE ITEM OF ADDITIONAL FUNDING 1/	SUMMARY OF WORK TO BE ACCOMPLISHED WITH TOTAL FY 2017 ALLOCATION
AZ	SPD	FDRR	RIO DE FLAG FLAGSTAFF, AZ		1,000,000	1,000,000	1	Complete 100% design of project to enable non-Federal sponsor to identify cost savings that might result in a positive Federal interest determination
AZ	SPD	FDRR	TUCSON DRAINAGE AREA, AZ		4,000,000	4,000,000	1	Improvements to rainfall drainage systems that address flood damages - Complete construction and fiscally close out project.
CA	SPD	FDRR	AMERICAN RIVER COMMON FEATURES, NATOMAS BASIN, CA	21,150,000	31,500,000	52,650,000	2	Award construction contract for Reach I, Phase I (\$18 million); Geotech Explorations (Reaches E, F, & G) (\$1.5 million); Design and Take Letter for Reach E (\$550,000); Design and Take Letter for Reaches F & G (\$1.1 million); Complete construction of Reach D (\$6.5 million); Construct Reach H (\$25 million)
CA	SPD	FDRR	AMERICAN RIVER WATERSHED (FOLSOM DAM MODIFICATIONS), CA	20,740,000	2,000,000	22,740,000	1	Complete and fiscally close out project
CA	SPD	EI	CAMBRIA SEAWATER DESALINATION, CA		50,000	50,000	8	Continue PMP update, modify EIS
CA	SPD	FDRR	ISABELLA LAKE, CA (DAM SAFETY)	70,500,000		70,500,000		Phase II Dams and Spillway Construction (\$40,882,000); Phase II Engineering During Construction, Labor and Construction Management (\$11,900,000); Phase III Real Estate Acquisitions (\$65,000,000); Real Estate Condemnation (\$2,000,000); USFS Facilities Relocation Contract (\$6 million); Environmental Mitigation (\$4,600,407)
CA	SPD	FDRR	MURRIETTA CREEK, CA		2,400,000	2,400,000	1	Complete construction of Phase 2A (\$2 million); Complete limited reevaluation report (\$400,000)
CA	SPD	ENR	NAPA RIVER, SALT MARSH RESTORATION, CA		890,000	890,000	6	Continue monitoring and adaptive management, complete the Interim O&M manual, complete LERRDs crediting, test manual operations of the water mixing chamber, and design/construct the fix for Ponds 6/6A water control structure
CA	SPD	NHD	OAKLAND HARBOR (50 FOOT PROJECT), CA	1,056,000		1,056,000		Complete and fiscally close out construction project
CA	SPD	FDRR	SACRAMENTO RIVER BANK PROTECTION PROJECT, CA	8,000,000		8,000,000		Continued mitigation for previously constructed repairs, ongoing biological monitoring, O&M manual updates, and notices of completion (\$500,000); Levee/bank erosion inventory within the SRFCP limits and subsequent designs, contract development, award and administration for needed erosion repairs and associated mitigation; NEPA/CEQA documentation and compliance (\$4,100,000); Award construction and mitigation contracts (\$6,490,000)
CA	SPD	FDRR	SAN LUIS REY RIVER, CA		1,750,000	1,750,000	1	Sediment Removal (\$4,182,000); Mitigation (\$600,000); Restoration (\$350,000); Complete Post-Authorization Change Report (\$800,000)
CA	SPD	FDRR	SANTA ANA RIVER MAINSTEM, CA	37,200,000	11,800,000	49,000,000	2	Construction Management, Supervision & Administration, Engineering & Design and complete remaining mitigation efforts for the ongoing Reach 9 contracts (\$10 million); Award Reach 9 Phase [BNSF] Railroad Bridge Protection construction contract (\$33 million) ; Fish Translocation (\$1.8 million); Economic Evaluation Update (\$150,000); Award Auxiliary Dike & Floodwall Connector Contract (\$2.5 million); Sediment Transport and Geomorphology Study for Santa Ana sucker fish (\$1 million); Award drilling services contract (\$500,000); Ongoing contract modifications (\$2 million)
CA	SPD	EI	SOUTH PERRIS, CA		4,007,000	4,007,000	8	Perris II Desalter Treatment Facility with construction of Site Development and Treated Water Facilities
CA	SPD	FDRR	YUBA RIVER BASIN, CA	7,000,000		7,000,000		Continue design for Phases 2B 2C, 3 (\$2 million); Award Phase 2A North Construction Contract, including project oversight (\$5 million); Continue Design for Phases 2B and 3 (\$1.062 million); Award Phase 2C Construction Contract (includes supervision and administration) (\$7.8 million)
CA	SPD	ENR	HAMILTON AIRFIELD WETLANDS RESTORATION, CA		700,000	700,000	7	Continued adaptive management and monitoring (\$640,000); Completion of Nursery management and planting (\$45,000); Award 2-year contract for the Monitoring & Adaptive Management Plan (MAMP) (\$579,000); Site Monitoring (Methyl Mercury)(\$31,000); Contract management and project management (\$45,000)
DE	NAD	FDRR	DELAWARE COAST, CAPE HENLOPEN TO FENWICK ISLAND, DE		4,000,000	4,000,000	1	Beach nourishment to be accomplished along with an estimated \$4 million of FCCE funds and \$1.9 million of supplemental funds for a total of \$9.9 million.
DE	NAD	FDRR	DELAWARE COAST, BETHANY BEACH TO SOUTH BETHANY BEACH, DE		6,500,000	6,500,000	1	Beach nourishment to be accomplished along with an estimated \$15 million of FCCE funds and \$4 million of supplemental funds for a total of \$25.5 million.
FL	SAD	EI	FLORIDA KEYS WATER QUALITY IMPROVEMENTS, FL		2,000,000	2,000,000	8	Reimburse for work in Key Largo, Islamorada and Marathon
FL	SAD	FDRR	FORT PIERCE BEACH, FL		1,414,000	1,414,000	3	Beach nourishment to be accomplished along with an estimated \$574,000 of supplemental funds and \$4.178 million of operation and maintenance funds to mitigate damages to this project from a Civil Works navigation project for a total of \$6.166 million
FL	SAD	FDRR	HERBERT HOOVER DIKE, FL (SEEPAGE CONTROL)	49,500,000	18,670,000	68,170,000	2	Continue Construction Management (\$12 million); Preconstruction Design (\$1,800,000); Continue Construction of Culverts (\$16,700,000); Continue Engineering During Construction (\$6,800,000); Continue Design/Field Investigation (\$4,000,000); Contract Award for Extension of Reach 1 Cut Off Wall (\$8,200,000); fund the Structure S-285 (Culvert HP-6) replacement construction contract (\$18.67 million)
FL	SAD	NHD	JACKSONVILLE HARBOR DEEPENING, FL		17,500,000	17,500,000	4	New Start: Initiate construction of the deep draft navigation improvements at Jacksonville Harbor
FL	SAD	FDRR	MARTIN COUNTY, FL		4,965,000	4,965,000	1	Beach nourishment to be accomplished along with \$2.135 million of FCCE funds for a total of \$7.097 million
FL	SAD	FDRR	NASSAU COUNTY, FL		3,185,000	3,185,000	3	Beach nourishment to be accomplished along with an estimated \$7.711 million allocation of FCCE funds and \$2.09 million of operation and maintenance funds to mitigate damages to this project from a Civil Works navigation project for a total of \$12.986 million
FL	SAD	FDRR	PINELLAS COUNTY, FL (SAND KEY & TREASURE ISLAND)		16,260,000	16,260,000	3	Beach nourishment to be accomplished along with an estimated \$12.8 million allocation of FCCE funds for a total of \$28,995,660
FL	SAD	FDRR	ST JOHN'S COUNTY, FL		3,301,000	3,301,000	3	Beach nourishment to be accomplished along with an estimated \$2,000,160 of supplemental funding and \$4.45 million of operation and maintenance funds to mitigate damages to this project from a Civil Works navigation project for a total of \$9,751,160

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FL	SAD	ENR	SOUTH FLORIDA ECOSYSTEM RESTORATION, FL	106,000,000	8,500,000	114,500,000	7	C-111 South Dade (\$13.792 million): Fully fund Contract 8a (\$9.121 million); Engineering and Design/Supervision and Administration (\$1.2 million); C-111 South Dade Post-Authorization Change Report (\$1 million); Land Admin/Independent External Peer Review (\$471,000); Project Oversight/Closeout (\$2 million); Picayune Strand (\$4.657 million): Continue Construction (\$3 million); Construction management (\$1 million); Engineering and Design (\$657,000); Indian River Lagoon South (\$59.521 million): Continue Construction (\$53.331 million); Construction management (\$3.752 million); Engineering and Design (\$1.938 million); Oversight of Sponsor Construction (\$500,000); Kissimmee River (\$24.451 million): Fully fund construction of S-69 Weir (\$11,960,000); Engineering During Construction/Project Oversight of S-69 Weir (\$1,540,000); Project Oversight/Construction Management (\$2 million); Engineering and Design/Supervision and Administration of McArthur Ditch (\$103,000); Fully fund 2B1/C-37 Embankment, including engineering during construction and construction supervision and administration labor and possible modifications (\$8.5 million) CERP Gen 2 (\$575,000): Caloosahatchee C-43 WBSR: Construction Oversight (\$500,000); C-111 Spreader Canal: Takings Analysis (\$75,000) Studies (\$2.552 million): Loxahatchee River Watershed Study (\$952,000); Western Everglades (Big Cypress/L-28 Interceptor) Study (\$800,000); Lake Okeechobee Watershed Study (\$800,000); Other (\$8.125 million): Adaptive Assessment and Monitoring (\$4,000,000); Public Outreach (\$25,000); Program Management (\$2,000,000); Information and Data Management (\$200,000); RECOVER (\$1,400,000); Interagency Modeling Center (\$500,000)
FL	SAD	NHD	TAMPA HARBOR, BIG BEND, FL		9,000,000	9,000,000	4	New Start: Initiate, complete and fiscally close out project
GA	SAD	HYD	RICHARD B RUSSELL DAM AND LAKE, GA & SC	930,000		930,000		Complete and fiscally close out project
GA	SAD	NHD	SAVANNAH HARBOR EXPANSION, GA	42,700,000		42,700,000		Continue Environmental Monitoring (\$4,000,000); Continue Entrance Channel Dredging (\$35,797,000); Construction Management (\$1,913,000); Engineering During Construction (\$990,000)
IA		REC	DES MOINES RECREATION RIVER AND GREENBELT, IA		9,350,000	9,350,000	6	Riverfront Development - Complete construction of Riverwalk, IA project (\$2,150,000); Complete construction of Red Rock Trail, IA trail system (\$4,750,000); and complete construction of the Fort Dodge, IA project (\$2,450,000)
IA	NWD	ENR	MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD	18,000,000	10,810,000	31,090,000	6	Program Management Activities (\$5,000,000); Integrated Science Program (\$11,000,000); Missouri River Recovery Implementation Committee (\$2,000,000); Shallow Water Habitat (\$12.44 million) and Emergent Sandbar Habitat (\$650,000)
IA	NWD	ENR	MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND & SD		2,280,000		7	
IA	NWD	FDRR	MISSOURI RIVER LEVEE SYSTEM, IA, NE, KS & MO (DEFICIENCY CORRECTION)		41,983,000	41,983,000	1	Complete correction to identified deficiencies at L455 & R460-471, MO & KS and fiscally close out construction project
ID	NWD	EI	RURAL IDAHO, ID		3,200,000	3,200,000	8	Execute design and construction PPAs for multiple projects in Idaho
IL	LRD	ENR	CHICAGO SANITARY AND SHIP CANAL DISPERSAL BARRIER, IL	12,000,000		12,000,000		Operation and maintenance of existing barrier system.
IL	LRD	EI	COOK COUNTY INFRASTRUCTURE, IL		700,000	700,000	8	Environmental Infrastructure project in Country Club Hills
IL	LRD	FDRR	MCCOOK AND THORNTON RESERVOIRS, IL		6,500,000	6,500,000	1	Stage 1 Reservoir contract modifications (\$3.9 million); Requests for Equitable Adjustments (\$1.62 million); Project Oversight and Administration (\$980,000)
IL	LRD	NIH	OLMSTED LOCKS AND DAM, OHIO RIVER, IL & KY	225,000,000	21,250,000	250,000,000	4	Continue Dam Construction Contract (\$200 million); Mussel Monitoring (\$450,000); Planning, Engineering, and Design (\$4.5 million); Construction Management (\$7 million); Lock O&M during Construction (Hired Labor) (\$2 million); River Dikes (\$30 million); Operation Buildings (\$5.05 million)
IL	LRD	NIH	OLMSTED LOCKS AND DAM, OHIO RIVER, IL & KY		3,750,000		5	
IL	MVD	ENR	UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO & WI	20,000,000	13,170,000	33,170,000	7	Initiate, continue, and/or complete design, construction, and/or O&M manuals for multiple projects (\$31,487,000); Adaptive Management (\$200,000); Habitat Evaluation/Monitoring (\$975,000); Model Certification/Regional HREP (\$50,000); Public Outreach (\$75,000); Science in Support of Restoration/Management (\$513,000)
IL	MVD	FDRR	WOOD RIVER LEVEE DEFICIENCY CORRECTION, IL		31,700,000	31,700,000	1	Complete and fiscally close out deficiency correction
IN	LRD	EI	CALUMET REGION, IN		3,000,000	3,000,000	8	LK Street Sewer Improvement, Deep River Street Sewer - Hobart, Meadowdale Subwatershed - Merrillville
IN	LRD	FDRC	INDIANA SHORELINE EROSION, IN		2,400,000	2,400,000	3	Conduct project sand renourishment
KS	NWD	FDRR	TOPEKA, KS	8,034,000		8,034,000		Complete and fiscally close out project
KY	LRD	NIH	KENTUCKY LOCK AND DAM, TENNESSEE RIVER, KY		19,500,000	39,000,000	4	Award all remaining options to Downstream Cofferdam Contract and E&D and S&A of on-going contracts (\$27.72 million); Additional funding to complete Certified Total Project Cost Estimate & Post Authorization Change Report (\$100,000); Award fully funded contract for Site, Demolition and Utilities (\$8.18 million); Develop plans & specifications for downstream lock monoliths, approach walls, utilities, bridges (\$3 million)
KY	LRD	NIH	KENTUCKY LOCK AND DAM, TENNESSEE RIVER, KY		19,500,000		5	
KY	LRD	FDRR	OHIO RIVER SHORELINE, PADUCAH, KY		19,500,000	19,500,000	2	New Start: Initiate and complete construction and fiscally close out project
KY	LRD	FDRR	ROUGH RIVER, KY (DAM SAFETY)		1,200,000	1,200,000	2	Complete design of a full depth concrete cutoff wall (\$1.2 million); Construction management (\$1.8 million); Engineering during Construction and Project Management (\$365,000)
KY	LRD	EI	SOUTHERN AND EASTERN KENTUCKY ENVIRONMENTAL INFRASTRUCTURE, KY (SECTION 531)		3,000,000	3,000,000	8	Environmental Infrastructure projects in several counties in Kentucky

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LA	MVD	EI	ASCENSION PARISH ENVIRONMENTAL INFRASTRUCTURE		500,000	500,000	8	Design of Effluent Discharge System
LA	MVD	FDRR	COMITE RIVER, LA		6,700,000	6,700,000	1	Diversion Point Channel Protection (\$5 million); Update existing H&H model to incorporate existing conditions (\$500,000); Repair Lilly Bayou Control Structure (\$1 million); Develop a detailed Geotechnical Report for Hwy 19 RR Bridge (\$200,000)
LA	MVD	EI	EAST BATON ROUGE PARISH ENVIRONMENTAL INFRASTRUCTURE, LA		500,000	500,000	8	Design of Pump Station
LA	MVD	NIL	J BENNETT JOHNSTON WATERWAY, LA		5,965,000	5,965,000	4	Continue authorized mitigation associated with prior construction activity
LA	MVD	ENR	LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA	9,000,000		9,000,000		To be determined due to changed conditions.
MA	NAD	NHD	BOSTON HARBOR DEEP DRAFT IMPROVEMENTS, MA		18,225,000	18,225,000	4	New Start: Initiate construction of navigation improvements at Boston Harbor
MA	NAD	FDRR	MUDDY RIVER, MA		15,220,000	15,220,000	1	Physically and fiscally complete the flood risk management portion of this project including notification to the non-Federal sponsor of completion
MD	NAD	ENR	ASSATEAGUE, MD	600,000		600,000		Continue annual sand by-passing ("dredging") to the restoration project at Assateague Island and monitoring activities for endangered and threatened species habitat restoration
MD	NAD	FDRR	ATLANTIC COAST OF MARYLAND, MD		2,454,000	2,454,000	1	Beach nourishment to be accomplished along with an estimated \$8.553 million allocation of FCCE funds and \$2.713 million of supplemental funds for a total of \$13.72 million
MD	NAD	ENR	POPLAR ISLAND, MD	62,300,000	350,000	62,650,000	7	<u>Original Work:</u> Construction management, monitoring, and stakeholder coordination (\$3,400,000); Cell 5A-B wetland planting (\$850,000) <u>Expansion Work:</u> Initiate construction of lateral expansion embayment and wetland dikes (\$58,400,000)
MI	LRD	EI	OAKLAND COUNTY, M+D64:D134I		100,000	100,000	8	Complete additional 200 feet of bank stabilization
MN	MVD	EI	NORTHEASTERN MINNESOTA ENVIRONMENTAL INFRASTRUCTURE, MN		1,600,000	1,600,000	8	Pine City Main Lift Station
MO	NWD	FDRR	BLUE RIVER BASIN, KANSAS CITY, MO		17,030,000	17,030,000	2	Complete and fiscally close out project
MO	MVD	FDRR	BOIS BRULE DRAINAGE AND LEVEE DISTRICT, MISSOURI (DEFICIENCY CORRECTION)		2,800,000	2,800,000	1	Continue previously funded work; Construct Relief Well (\$1,600,000); Design Levee Raise and Seepage Berms and road raise (\$600,000); Install Piezometers (\$600,000)
MO	MVD	FDRR	MONARCH - CHESTERFIELD, MO	50,000		50,000		Project management
MO	MVD	EI	ST. LOUIS MO (COMBINED SEWER OVERFLOW)		1,800,000	1,800,000	8	Increment 4 of Phase 3 - Old Mill Creek
MO	NWD	FDRR	TURKEY CREEK BASIN, KS & MO		21,529,000	21,529,000	2	Complete and fiscally close out project
MS	SAD	EI	JACKSON COUNTY INDUSTRIAL WATER SUPPLY, MS		3,000,000	3,000,000	8	Design of system to reclaim (collect, redirect and repurpose) treated wastewater effluent from points in southern Jackson County
MS	MVD	EI	MISSISSIPPI ENVIRONMENTAL INFRASTRUCTURE, MS		2,720,000	2,720,000	8	Wastewater Interceptor Rehabilitation System - Jackson, Sewer System Repair/Replacement - Crystal Springs
MT	NWD	EI	RURAL MONTANA, MT		2,500,000	2,500,000	8	Execute design and construction PPAs for multiple projects in Montana
NC	SAD	FDRR	BRUNSWICK COUNTY BEACHES, NC		5,460,000	5,460,000	1	Beach nourishment of Ocean Isle segment to be accomplished along with \$4.85 million of FCCE funds for a total of \$10.310 million
NC	SAD	FDRR	CAROLINA BEACH & VICINITY, NC		12,265,000	12,265,000	3	Beach nourishment of Kure Beach (\$8 million) and Carolina Beach (\$4.265 million) to be accomplished along with \$3.7 million of FCCE funds for a total of \$15.965 million
NC	SAD	FDRR	WRIGHTSVILLE BEACH, NC		3,767,000	3,767,000	3	Beach nourishment to be accomplished along with \$1.35 million of FCCE funds and \$4.933 million of operation and maintenance funds to mitigate damages to this project from a Civil Works navigation project for a total of \$10.05 million
ND	MVD	FDRR	FARGO, ND - MOORHEAD, MN METRO		20,000,000	20,000,000	2	Award and complete the Drayton Dam Modification mitigation construction contract (\$10 million); Award and complete the Wild Rice Dam Removal mitigation construction contract (\$5 million); Design the Wild Rice Control Structure (\$5 million)
ND	MVD	EI	NORTH DAKOTA ENVIRONMENTAL INFRASTRUCTURE, ND		2,765,000	2,765,000	8	Sanitary Sewer Replacement - City of Petersburg
NJ	NAD	NHD	DELAWARE RIVER MAIN CHANNEL, NJ, PA & DE	33,125,000	29,250,000	62,375,000	4	Complete and fiscally close out project
NJ	NAD	FDRR	GREAT EGG HARBOR INLET AND PECK BEACH, NJ		6,500,000	6,500,000	3	Beach nourishment to be accomplished along with \$29.485 million of FCCE funds and \$4 million of operation and maintenance funds to mitigate damages to this project from a Civil Works navigation project for a total of \$39.985 million
NJ	NAD	ENR	LOWER CAPE MAY MEADOWS, CAPE MAY POINT, NJ		400,000	400,000	6	Project monitoring
NJ	NAD	FDRR	RARITAN RIVER BASIN, GREEN BROOK SUB-BASIN, NJ	10,000,000		10,000,000		Construction Management/ Engineering and Design (\$2 million); Award multiple contracts for Element 1b (\$19.449 million); Award Nonstructural Flood Proofing, Piscataway Township Structures (\$2 million)
NM	SPD	FDRR	ALAMOGORDO, NM		4,615,000	4,615,000	1	Complete and fiscally close out project
NM	SPD	EI	CENTRAL NEW MEXICO, NM		1,500,000	1,500,000	8	Reimburse for South Valley Drinking Water Project, Albuquerque West Levee Project, Rio Rancho Water Upgrade II Project
NM	SPD	EI	NEW MEXICO ENVIRONMENTAL INFRASTRUCTURE PROGRAM		1,000,000	1,000,000	8	Reconstruction of Griggs Reservoir embankment and emergency spillway
NV	SPD	EI	RURAL NEVADA		1,000,000	1,000,000	8	Continue wastewater treatment on Searchlight Project
NV	SPD	EI	TAHOE BASIN RESTORATION 108		738,000	738,000	8	Reimbursement for work - AIS
NY	NAD	EI	NEW YORK CITY WATERSHED, NY		500,000	500,000	8	Environmental Infrastructure projects in Delaware County, NY
OH	LRD	FDRR	BOLIVAR DAM, OH (DAM SAFETY)	5,000,000		5,000,000		Complete and fiscally close out project
OH	LRD	EI	OHIO & NORTH DAKOTA ENVIRONMENTAL INFRASTRUCTURE, OH & ND (SECTION 594) - OHIO		6,000,000	6,000,000	8	Execute multiple Environmental Infrastructure projects in the State of Ohio
OK	SWD	FDRR	PINE CREEK LAKE, OK		1,933,000	1,933,000	2	Complete and fiscally close out project using these funds along with \$660,000 of supplemental funding
OR	NWD	NHD	COLUMBIA RIVER AT THE MOUTH, OR & WA	21,900,000		21,900,000		Procure Rock for North Jetty

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PA	LRD	FDRR	EAST BRANCH CLARION RIVER LAKE, PA	56,250,000		56,250,000		Continue cutoff wall construction contract (\$49,620,000); Engineering, design, supervision, and administration (\$7,030,000)
PA	LRD	NIL	EMSWORTH LOCKS AND DAM, OHIO RIVER, PA		500,000	1,000,000	4	Remediate pitting corrosion on Emergency Bulkheads that were used during major rehabilitation of the project and fiscally close out construction project.
PA	LRD	NIL	EMSWORTH LOCKS AND DAM, OHIO RIVER, PA		500,000		5	
PA	LRD	NIL	LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA		49,010,000	82,010,000	4	Award Option 1 of 5 on River Chamber Contract (\$18.8 million); Award Option 2 of 5 on River Chamber Contract (\$37.9 million); Plan, design, and award Dredging Contract to accommodate new pool (\$15 million); Batch Plant NPDES Permit (\$1 million); E&D and S&A of on-going contracts (\$8.81 million); Re-acquisition of real estate easements set to expire 31 December 2019 (\$500,000)
PA	LRD	NIL	LOCKS AND DAMS 2, 3 AND 4, MONONGAHELA RIVER, PA		33,000,000		5	
PA	LRD	FDRR	PRESQUE ISLE PENINSULA, PA		1,500,000	1,500,000	2	Beach renourishment to support the continued growth of habitat for an endangered species
PA	LRD	EI	SOUTH CENTRAL PA ENVIRONMENTAL IMPROVEMENT PROGRAM, PA		1,500,000	1,500,000	8	Environmental Infrastructure project in Fayette County
PA	LRD	EI	SOUTHEASTERN PENNSYLVANIA, PA		200,000	200,000	8	Construction of Cobbs Creek Fish Passage
SC	SAD	NHD	CHARLESTON HARBOR, DEEP DRAFT NAVIGATION IMPROVEMENTS, SC		17,500,000	17,500,000	4	New Start: Initiate construction of the Charleston Harbor navigation improvements
SC	SAD	EI	LAKES MARION AND MOULTRIE, SC		4,660,000	4,660,000	8	Construct water transmission line - Dorchester Reach
SC	SAD	FDRR	MYRTLE BEACH, SC		908,000	7,292,000	3	Beach nourishment of Reach 2 to be accomplished along with \$8.705 million of FCCE funds for a total of \$15.997 million
SC	SAD	FDRR	MYRTLE BEACH, SC		6,384,000		1	
TN	LRD	FDRR	CENTER HILL LAKE, TN	40,000,000		40,000,000		Continue Construction of Saddle Dam Seepage Rehab (\$35,000,000); Construction Management (\$4,000,000); Continue Site Restoration (\$1,500,000)
TN	LRD	NIH	CHICKAMAUGA LOCK, TENNESSEE RIVER, TN		18,500,000	37,000,000	4	Award all remaining options on Lock Excavation Contract, including project oversight (\$9.89 million); Award Lock Chamber Base Contract, including project oversight (\$26.11 million); Contract modification (\$1 million)
TN	LRD	NIH	CHICKAMAUGA LOCK, TENNESSEE RIVER, TN		18,500,000		5	
TX	SWD	FDRR	BRAYS BAYOU, HOUSTON, TX		11,989,000	11,989,000	1	Improvements to rainfall drainage systems that address flood damages - Reimburse non-federal sponsor for the Federal share of completed project construction
TX	SWD	FDRR	BUFFALO BAYOU AND TRIBUTARIES, TX	13,300,000		13,300,000		Continue construction of new Outlet Work Structure at Addicks and Barker Dams (\$9,037,000); Engineering and Design during Construction (\$923,000); Construction Management (\$3,340,000)
TX	SWD	FDRR	CENTRAL CITY, FORT WORTH, UPPER TRINITY RIVER BASIN, TX		6,000,000	6,000,000	1	Riverfront Development - Construct Oxbow Valley Storage Site H (\$5,000,000) and Oxbow Valley Storage Site I (\$1,000,000)
TX	SWD	EI	EL PASO COUNTY, TX		3,000,000	3,000,000	8	Improvements to wastewater collection system and infrastructure - Boone Street Siphon
TX	SWD	NHD	HOUSTON - GALVESTON NAVIGATION CHANNELS, TX		5,000,000	5,000,000	4	Mitigation for previously awarded contract.
TX	SWD	ENR	SAN ANTONIO CHANNEL IMPROVEMENT PROJECT		10,000,000	10,000,000	6	Reimbursement - Reimburse non-federal sponsor for the Federal share of completed project construction for the Mission Reach Separable Element.
VA	NAD	NIL	ATLANTIC INTRACOASTAL WATERWAY (AIWW), BRIDGES AT DEEP CREEK, CHESAPEAKE, VA	12,000,000		12,000,000		Complete and fiscally close out project
VA	LRD	EI	EASTERN SHORE AND SOUTHWEST VIRGINIA, VA		510,000	510,000	8	Complete design of wastewater infrastructure plan
VA	LRD	FDRR	LEVISA AND TUG FORKS AND UPPER CUMBERLAND RIVER, VA, WV & KY		21,670,000	26,431,000	1	Non-structural flood control projects - Continue and complete on-going construction activities in VA, WV, and KY.
VA	LRD	FDRR	LEVISA AND TUG FORKS AND UPPER CUMBERLAND RIVER, VA, WV & KY		4,761,000		2	
VT	NAD	EI	LAKE CHAMPLAIN WATERSHED INITIATIVE, VT		400,000	400,000	8	Initiate PPA and study addressing Waterbury Dam Spillway
WA	NWD	ENR	COLUMBIA RIVER FISH MITIGATION, WA, OR & ID	70,300,000		70,300,000		Execute highest priority actions to meet Willamette Basin and Federal Columbia power system Endangered Species Act requirements to avoid jeopardy; Execute highest priority actions toward Pacific Lamprey passage in accordance with 2007 Columbia River Fish Accords
WA	NWD	ENR	MUD MOUNTAIN DAM, WA	-	16,400,000	16,400,000	6	New Start: Complete barrier and fish trap and haul facility design (\$7,350,000); Initiate construction (\$9,050,000)
WA		HYD	THE DALLES LOCK AND DAM, WA & OR		150,000	150,000	6	Complete a Tribal Housing Action Plan
WI	LRD	EI	NORTHERN WISCONSIN ENVIRONMENTAL INFRASTRUCTURE		50,000	50,000	8	Program Coordination for ongoing work
WV	LRD	FDRR	BLUESTONE LAKE, WV	4,000,000	577,000	4,577,000	2	Continue engineering and design and Construction Management; Complete Dam Safety Modification Study (DSMS) ; Perform lift-off anchor testing
WV	LRD	EI	CENTRAL WEST VIRGINIA ENVIRONMENTAL INFRASTRUCTURE		1,000,000	1,000,000	8	
WV	LRD	EI	SOUTHERN WEST VIRGINIA ENVIRONMENTAL INFRASTRUCTURE (SECTION 340)		1,500,000	1,500,000	8	Waterline/Water System upgrade
XX	ERDC	ENR	AQUATIC PLANT CONTROL PROGRAM	9,000,000		9,000,000		Develop biological controls, chemical technologies, environmental management strategies and evaluate herbicide efficacy
XX	HQ	FDRR	CAP - SEC 103	500,000		500,000		Construct projects whose total cost does not exceed \$5 million to reduce flood damages from coastal storms
XX	HQ	NHS/NHD	CAP - SEC 107	8,500,000		8,500,000		Study and construct navigation improvement projects whose total cost does not exceed \$10 million

**ARMY CIVIL WORKS PROGRAM
FY 2017 WORK PLAN - CONSTRUCTION**

STATE	DIVISION	BUSINESS PROGRAM 1/	PROGRAM NAME	FY 2017 EXPLANATORY STATEMENT	ADDITIONAL WORK PLAN AMOUNT	TOTAL FY 2017 ALLOCATION	LINE ITEM OF ADDITIONAL FUNDING 1/	SUMMARY OF WORK TO BE ACCOMPLISHED WITH TOTAL FY 2017 ALLOCATION
XX	HQ	NHS/NHD	CAP - SEC 111	500,000		500,000		Study and construct small projects whose cost does not exceed \$10 million to mitigate the littoral impacts of navigation structures and operations
XX	HQ	ENR	CAP - SEC 1135	3,000,000		3,000,000		Construct environmental modifications to operating Civil Works projects whose total cost does not exceed \$10 million
XX	HQ	FDRR	CAP - SEC 14	5,000,000		5,000,000		Construct bank stabilization projects whose total cost does not exceed \$5 million
XX	HQ	ENR	CAP - SEC 204	1,000,000		1,000,000		Construct projects for the beneficial use of dredged material whose total cost does not exceed \$10 million
XX	HQ	FDRR	CAP - SEC 205	8,000,000		8,000,000		Construct projects for flood risk management whose total cost does not exceed \$10 million
XX	HQ	ENR	CAP - SEC 206	8,000,000		8,000,000		Construct aquatic ecosystem restoration projects whose total cost does not exceed \$10 million
XX	IWR	FDRR	DAM SAFETY & SEEPAGE/STABILITY CORRECTION PROGRAM (HQ MASTER AMSCO)	21,000,000		21,000,000		Conduct Issue Evaluation Studies; Prepare Dam Safety Modification Reports; Preconstruction engineering and design
XX	HQ	N/A	EMPLOYEE COMPENSATION FUND	19,000,000		19,000,000		Reimburse Department of Labor for Compensation of Employees for Injuries and Harassment
XX	IWR	NIH	INLAND WATERWAYS USERS BOARD - BOARD EXPENSE	50,000		50,000		Conduct Board Meetings and Related Activities, Including Meeting and Committee Member Travel Costs
XX	IWR	NIH	INLAND WATERWAYS USERS BOARD - CORPS EXPENSE	275,000		275,000		Perform analyses of project delivery, participate and coordinate ongoing Transportation Research Board efforts and support Users Board committee meetings and related activities
XX	SPD	ENR	RESTORATION OF ABANDONED MINE SITES	2,000,000		2,000,000		Provide Planning and Design Assistance to Federal, non-Federal, and Native American Interests for carrying out projects presenting threats to public health and safety and that have water quality problems caused by abandoned and inactive non-coal mine activities
Grand Total				1,071,460,000	804,540,000	1,876,000,000		

1/ KEY:		Additional Funding
1	FLOOD AND STORM DAMAGE REDUCTION	190,090,000
2	FLOOD AND STORM DAMAGE REDUCTION (FLOOD CONTROL)	150,000,000
3	FLOOD AND STORM DAMAGE REDUCTION (SHORE PROTECTION)	50,000,000
4	NAVIGATION	211,200,000
5	NAVIGATION (IWTF)	75,250,000
6	OTHER AUTHORIZED PROJECT PURPOSES	48,000,000
7	OTHER AUTHORIZED PROJECT PURPOSES (ENVIRONMENTAL RESTORATION OR COMPLIANCE)	25,000,000
8	OTHER AUTHORIZED PROJECT PURPOSES (ENVIRONMENTAL INFRASTRUCTURE)	55,000,000
FDRR	FLOOD DAMAGE REDUCTION COASTAL	
FDRR	FLOOD DAMAGE REDUCTION RIVERINE	
NHS	SHALLOW DRAFT NAVIGATION	
NHD	DEEP DRAFT NAVIGATION	
NIH	INLAND NAVIGATION	
ENR	ECOSYSTEM RESTORATION	
WTR	WATER REALLOCATION	