

ARMY CIVIL WORKS PROGRAM
INFRASTRUCTURE INVESTMENT AND JOBS ACT, 2022
OPERATION AND MAINTENANCE WORK PLAN

STATE	DIVISION	BUSINESS PROGRAM 1/	PROJECT	FY 2022 ALLOCATION	SUMMARY OF WORK TO BE ACCOMPLISHED WITH ALLOCATION
AK	POD	REC	CHENA RIVER LAKES, AK (MOOSE CREEK DAM)	90,000	Purchase and place Vault Restroom at Swimming Pond.
AK	POD	NHS	NINILCHIK HARBOR, AK	4,300,000	Damage Repair - Rock erosion protection for the seaward side of the harbor.
AK	POD	NHD	ST PAUL HARBOR, AK	50,000	Surveys for dredging.
AL	SAD	NIL	ALABAMA RIVER LAKES, AL	1,260,000	Structural Repairs to Millers Ferry Spillway (Damage Repair). Plans and specifications for Tunnion Anchor Repair.
AL	SAD	NIH/REC/ENS	BLACK WARRIOR AND TOMBIGBEE RIVERS, AL	17,017,000	Replace degraded water supply systems at Burchfield Branch and Rocky Branch, Procure Critical Spare parts, Replace Seldon Dam MCC & Main Power Feeds, Design Seldon Dam Gates and Demopolis Lock Upper Miter Gates, Install filling/emptying valves at Holt Lock, Procure Lock F/E Value Bulkheads, Perform Coffeeville Spillway Gate Maintenance, and Replace lock security equipment.
AL	SAD	NIH	GULF INTRACOASTAL WATERWAY, AL	15,385,000	Levee Drainage Structure Replacement and Dredging.
AL	SAD	NHD	MOBILE HARBOR, AL	32,000,000	Restore capacity to disposal area and Upland Placement Area Haulout-Mobile River Dredging, Surveys, Prepare Aberdeen Lower Approach Report (Damage Repair), Procure Critical Spare Parts,
AL	SAD	NIH/REC/ENS	TENNESSEE - TOMBIGBEE WATERWAY, AL & MS	12,139,000	Replace degraded, inefficient water supply systems at Blue Bluff Campground, Whitten Lock Miter Gate and Culvert Repairs.
AL	SAD	REC	WALTER F GEORGE LOCK AND DAM, AL & GA	520,000	Sewer System Improvements
AR	MVD	FDRR/REC	BLAKELY MT DAM, LAKE OUACHITA, AR	2,240,000	Blast and Paint Service Blakely Dam Intake Service Bridge and Connect Little Fir Recreation Area to community water system.
AR	SWD	FDRR/HYD	BULL SHOALS LAKE, AR	8,150,000	Rehabilitation of discharge conduits and slide gates and construct warehouse for spare parts .
AR	MVD	HYD/REC	DEGRAY LAKE, AR	1,635,000	Repair Access Road (Damage Repair), Connect Alpine Ridge Recreation Area to community water distribution system, and Replace roof of DeGray Power Plant.
AR	SWD	NIH	MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, AR	72,300,000	Construct Channel Training Structures Near NM 222, Paint and Rehab Tainter Gates Ozark Dam No. 12, Purchase 19 60' Stoplogs, Install Stoplog Slots in Upstream Lock Walls, and Repair Stoplog Centerpost Receivers and Inspect Miter Gates at W.D. Mills Lock No. 02, Murray Lock No. 07, Toad Suck Ferry Lock No. 08 and James W. Trimble Lock #13.
AR	MVD	FDRR/HYD/REC	NARROWS DAM, LAKE GREESEON, AR	2,211,000	Replace deteriorated potable water lines, Repair the corroded trash rack guides at Narrows power intake, and Replace guardrails and Blast and Paint Narrows access bridge.
AR	SWD	HYD	NORFORK LAKE, AR	2,345,000	Replacement of PCB Breakers and construct warehouse for major equipment.

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AR	MVD	NHS	OSCEOLA HARBOR, AR	1,025,000	Dredging and Surveys Replace barriers at Moon Lake Recreation Area (Damage Repair), Silt Removal from Recreation areas (Damage Repair), Repair H.K. Thatcher Lock and Dam Hinge Crest Gate, and Repair/ Replace Felsenthal Lock and Dam Tainter Gate.
AR	MVD	NIL/REC	OUACHITA AND BLACK RIVERS, AR & LA	3,915,000	Start Design on a new bulkhead gate installation system, Replace Elevator System, Modernize the hydraulic system, and Section 106 Activities Programmatic Consultation Stage 1.
AZ	SPD	FDRR/ENS	ALAMO LAKE, AZ	330,000	Test Relief Wells and Modernize Gate Chamber Elevator
AZ	SPD	FDRR	PAINTED ROCK DAM, AZ	605,000	Expand oxidation pond for a more sustainable facility at the Buckhorn recreation area, Replace and Upgrade Dam Backup Generator with Sustainable Generator,
CA	SPD	FDRR/REC/ENS	BLACK BUTTE LAKE, CA	5,650,000	Replace and Upgrade Dam Maintenance Shop and Supporting Infrastructure, and Provide and install roof mounted photovoltaic panels on the new Headquarters Building.
CA	SPD	NHS	BODEGA BAY, CA	20,000	Jetty monitoring
CA	SPD	FDRR/REC	BUCHANAN DAM, HV EASTMAN LAKE, CA	2,550,000	Replace and Upgrade Elevator, Repair damage to roadways and restriping of project (Damage Repair), and Replace and Upgrade Dam Backup Generator with Sustainable Model.
CA	SPD	NHD	CHANNEL ISLANDS HARBOR, CA	16,000	Structural Surveys
CA	SPD	FDRR	COYOTE VALLEY DAM, LAKE MENDOCINO, CA	1,500,000	Control Tower Bridge Repainting
CA	SPD	NHS	DANA POINT HARBOR, CA	412,250	Repair Breakwater and Surveys
CA	SPD	FDRR	DRY CREEK (WARM SPRINGS) LAKE AND CHANNEL, CA	2,950,000	Replace Original Emergency and Service Gates
CA	SPD	FDRR	FARMINGTON DAM, CA	750,000	Replace Littlejohn Conduit Steel Liner and Replace and Upgrade Dam Backup Generator with Sustainable Model
CA	SPD	NHD	LOS ANGELES - LONG BEACH HARBORS, CA	10,000	Structural Surveys
CA	SPD	FDRR/ENS	LOS ANGELES COUNTY DRAINAGE AREA, CA	8,860,000	Critical Repair on Inoperable Dam Gate 6 Float at Sepulveda, Fix Spillway Expansion Joints at Hansen Dam, Spillway Gate Seal Critical Repair at Sepulveda Dam, Channel Condition Assessment/Inspection at Los Angeles River #1 and Los Angeles River #2, Assess Underground Spillway Drainage to Assess Required Repairs at Whittier Narrows Dam, and Master Plan Update for Santa Fe.
CA	SPD	NHD	MARINA DEL REY, CA	8,000	Structural Surveys
CA	SPD	FDRR	MOJAVE RIVER DAM, CA	1,800,000	Repair damaged concrete at Inlet
CA	SPD	NHS	MONTEREY HARBOR, CA	20,000	Jetty monitoring
CA	SPD	NHD	MORRO BAY HARBOR, CA	23,875	Structural Surveys

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CA	SPD	FDRR/REC	NEW HOGAN LAKE, CA	400,000	Replace aging and outdated restroom at Acorn Campground
CA	SPD	REC	NEW MELONES LAKE, DOWNSTREAM CHANNEL, CA	1,240,000	Paving
CA	SPD	NHD	NEWPORT BAY HARBOR, CA	8,298,000	Dredging and Surveys
CA	SPD	NHS	NOYO RIVER AND HARBOR, CA	2,575,000	Maintenance Repair of North Jetty and Prepare Project Management Plan and Scope of Work for development of a Dredged Material Management Plan.
CA	SPD	NHD	OCEANSIDE HARBOR, CA	11,250	Structure Surveys
CA	SPD	NHS	PILLAR POINT HARBOR, CA	20,000	Jetty monitoring
CA	SPD	FDRR/REC/ENS	PINE FLAT LAKE, CA	7,150,000	Repair Existing Bulkhead Gate, Install Two Steel Conduit Liners, Replace and Upgrade Elevator, Replace and Upgrade Piezometers & Accelerographs, and Boundary Monumentation and Rectification.
CA	SPD	NHD	PORT HUENEME, CA	11,250	Structural Surveys
CA	SPD	NHD	PORT SAN LUIS, CA	22,875	Structural Surveys
CA	SPD	NHD	REDONDO BEACH (KING HARBOR), CA	10,000	Structural Surveys
CA	SPD	NHD	SAN DIEGO HARBOR, CA	19,250	Structural Surveys
CA	SPD	NHD	SAN DIEGO RIVER AND MISSION BAY, CA	14,250	Structural Surveys
CA	SPD	NHD	SAN FRANCISCO BAY LONG TERM MANAGEMENT STRATEGY, CA	1,920,000	Continue Development of Regional Dredged Material Management Plan and Participate in interagency and stakeholder working group coordination efforts to facilitate accomplishment of the O&M dredging program
CA	SPD	FDRR/ENS	SANTA ANA RIVER BASIN, CA	1,150,000	Electrical Modernization Phase 2 at Fullerton Dam and Boundary Survey.
CA	SPD	NHD	SANTA CRUZ HARBOR, CA	20,000	Jetty monitoring
CA	SPD	FDRR/REC	SUCCESS LAKE, CA	400,000	Replace aging and outdated restroom at Tule Recreation Area
CA	SPD	FDRR	TERMINUS DAM, LAKE KAWEAH, CA	350,000	Replace and Upgrade Piezometers & Accelerographs and Dam Backup Generator.
CA	SPD	NHD	VENTURA HARBOR, CA	16,000	Structural Surveys
CO	SPD	FDRR	JOHN MARTIN RESERVOIR, CO	465,000	Repair John Martin Spillway Bridge
CT	NAD	FDRR	BLACK ROCK LAKE, CT	477,000	Log boom debris cleanup (Damage Repair), Project access road debris cleanup (Damage Repair), and Repair gate cylinder rod 1&2.
CT	NAD	REC	COLEBROOK RIVER LAKE, CT	25,000	Damage Repair - Repair culvert washout on access road
CT	NAD	FDRR	HANCOCK BROOK LAKE, CT	4,000	Damage Repair - Remove large damaged tree and repair outlet channel fence
CT	NAD	FDRR/REC	HOP BROOK LAKE, CT	84,000	Replace/repair electric meter and connections on beach restroom (Damage Repair), Clean-up of flood debris from project roads and facilities (Damage Repair), Replace picnic shelter roof (Damage Repair), and Replace guard rail on recreation area road.
CT	NAD	NHS	MILFORD HARBOR, CT	5,035,000	Dredging and Surveys

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CT	NAD	FDRR/REC	NORTHFIELD BROOK LAKE, CT	106,000	Damage Repair - Remove sediment from bridge area, Demolish restroom building, and Remove Debris from Log Boom and Recreation area.
CT	NAD	NHS	PATCHOGUE RIVER, CT	760,000	Dredging and Surveys
CT	NAD	NHS	SOUTHPORT HARBOR, CT	1,280,000	Dredging and Surveys
CT	NAD	FDRR/REC	THOMASTON DAM, CT	90,000	Repair access road washout (Damage Repair) and OHV trails and Remove Debris from Log Boom, roads and facilities (Damage Repair).
CT	NAD	FDRR/REC	WEST THOMPSON LAKE, CT	800,000	Clean up Debris (Damage Repair), Modernize West Thompson Lake Campground Electrical Sites, and Pave Boat Ramp Parking Lot and Campground Access Road.
DC	NAD	NHD	WASHINGTON HARBOR, DC	400,000	Engineering and design for full replacement or repair of Washington Tidal Inlet Flood Gates.
DE	NAD	NHS	HARBOR OF REFUGE, DELAWARE BAY, DE	250,000	Damage Repair - Major Maintenance Report - Breakwater/Lighthouse Foundation at Harbor of Refuge
DE	NAD	NHS	INDIAN RIVER INLET & BAY, DE	43,871,000	Repair, Plans and Specs for North and South Jetties (Damage Repair) and Bulkhead and survey for Demolish and Replace Existing Contaminated
DE	NAD	NHS	INTRACOASTAL WATERWAY, DELAWARE RIVER TO CHESAPEAKE BAY, DE & MD	3,200,000	Demolish and Replace Existing Contaminated Carpenters and Bridge Shop and Purchase Canal Slope Stability Stone
DE	NAD	NHD	INTRACOASTAL WATERWAY, REHOBOTH BAY TO DELAWARE BAY, DE	3,785,000	Dredging and Surveys
FL	SAD	NIL	AIWW, NORFOLK, VA TO ST JOHNS RIVER, FL, GA, SC, NC & VA	5,000,000	Dredging and Surveys
FL	SAD	NHS	ANCLOTE RIVER, FL	5,000,000	Dredging and Surveys
FL	SAD	NHS	APALACHICOLA BAY, FL	4,000,000	Dredging and Surveys
FL	SAD	NHD	CANAVERAL HARBOR, FL	15,000,000	Dredging and Surveys
FL	SAD	FDRR/REC	CENTRAL & SOUTHERN FLORIDA, FL	535,000	Replace Bulkheads S-308 and Energy Efficiency Improvements at W.P. Franklin Campground.
FL	SAD	NHS	ESCAMBIA AND CONECUH RIVERS, FL & AL	1,979,000	Dredging and Surveys
FL	SAD	NHS	FORT MYERS BEACH, FL	4,100,000	Dredging and Surveys
FL	SAD	NHD	JACKSONVILLE HARBOR, FL	23,960,000	Dredging, Surveys, Maintenance of the Dredged Material Disposal Facility, and Plan and Specs for Jetty maintenance.
FL	SAD	NHD	MANATEE HARBOR, FL	12,000,000	Maintenance of Dredged Material Disposal Facility
FL	SAD	REC	OKEECHOBEE WATERWAY, FL	360,000	Rehabilitation and upgrade of the electric transmission system at the east loop of the Ortona South campground.
FL	SAD	NHD	PALM BEACH HARBOR, FL	6,000,000	Dredging and Surveys
FL	SAD	NHS	PONCE DE LEON INLET, FL	6,000,000	Dredging and Surveys
FL	SAD	NHD	TAMPA HARBOR, FL	15,000,000	Dredging, Surveys and Maintenance of Dredged Material Disposal Facility.
GA	SAD	FDRR/REC/ENS	ALLATOONA LAKE, GA	446,000	Remove Dam Rockfall Threat

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GA	SAD	FDRR/REC/ENS	BUFORD DAM AND LAKE SIDNEY LANIER, GA	490,000	Shoreline Stabilization in Sawnee Campground (Damage Repair), Install additional Toe Drain Manholes for Saddle Dike 3, and Real Estate Management for Environmental Stewardship.
GA	SAD	FDRR/REC	CARTERS DAM AND LAKE, GA	7,050,000	Replace/Repair trunnion shoe rods reregulation dam spillway gates, Fabricate Rereg Dam Adjustable Spillway Gates and Bulkheads, Perform 2nd sawcut on existing reregulation dam, and Construct a new septic treatment system.
GA	SAD	FDRR/REC/ENS	HARTWELL LAKE, GA & SC	1,475,000	Restroom Repair Singing Pines and Broyles Recreation Areas, Camp Site Repair Springfield Campground, Procure and install new catenary / bar screen trash racks with automatic mechanical trash rake system, and Replace Failed Clemson Pump Station Diesel Pumps and Right Angle Drives.
GA	SAD	FDRR/REC	J STROM THURMOND LAKE, GA & SC	1,551,000	Replace Spillway Gate Controls and Road Paving at West Dam Visitor Center Observation Area.
GA	SAD	FDRR/HYD	RICHARD B RUSSELL DAM AND LAKE, GA & SC	4,502,000	Replace Oxygen Line Diffusers and Replace South Carolina Bank Fish Deterrent System Lighting
GA	SAD	NHD	SAVANNAH HARBOR, GA	4,150,000	Purchase and install two additional O2 generator system, Bathrooms and Breakrooms, and O2 Generator shelters
GU	POD	NHS	AGANA SMALL BOAT HARBOR, GUAM	810,000	Vegetation removal and minor repairs to protect structures.
HI	POD	NHS	HALEIWA SMALL BOAT HBR, OHAU, HI	1,583,000	Dredging and Surveys
HI	POD	NHD	KAHULUI HARBOR, HI	3,270,000	Damage Repair - Dredging and Surveys
HI	POD	NHD	KAUNAKAKAI HARBOR, MOLOKAI, HI	3,365,000	Damage Repair - Dredging and Surveys
IA	MVD	FDRR/REC	CORALVILLE LAKE, IA	2,593,000	Repair shoreline erosion (Damage Repair), damaged roads (Damage Repair), boat ramps (Damage Repair), and Sugar Bottom and West Overlook Campground's damaged restroom & shower buildings, Replace control tower damaged glass blocks, and Sandblast & paint Sugar Bottom Water Tower.
IA	NWD	NIL	MISSOURI RIVER - SIOUX CITY TO THE MOUTH, IA, KS, MO & NE	315,942,000	Damage Repair - Repair damages to Navigation structures resulting from 2019 flood and Replace Glasgow Shop Roof
IA	NWD	FDRR/REC/ENS	RATHBUN LAKE, IA	820,000	Replace sewer line, lift station and pump house at Island View Park, surveys and re-establish boundary markers, pest and invasive species removal/treatment, prepare historic properties management plan, flowage easement survey and delineation.

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IA	MVD	FDRR/REC	RED ROCK DAM AND LAKE RED ROCK, IA	14,450,000	Replace Howell Station, South Overlook, and Whitebreast Campground roofs (Damage Repair), water infrastructure at Fifield Day Use Area, and rip-rap for shoreline erosion (Damage Repair), Repair parking lots at North Overlook Beach, and Construction new project office and visitor center.
IA	MVD	FDRR/REC	SAYLORVILLE LAKE, IA	17,000,000	Construction of a Certified UFC 1-200-02 A modern Administration and Maintenance Facility
ID	NWD	FDRR/REC	DWORSHAK DAM AND RESERVOIR, ID	13,955,000	Fish hatchery Electrical upgrades and repave roads.
ID	NWD	FDRR/ENS	LUCKY PEAK LAKE, ID	175,000	Real Estate-Boundary Monumentation, Rectification for Environmental Stewardship
IL	MVD	FDRR/REC/ENS	CARLYLE LAKE, IL	9,350,000	Rehabilitate Pump Station and Main Dam, Install Rip Rap and generator, manage Wildlife Habitat (Damage Repair), Replace Lighting, heating and cooling system, generator and electrical switch gear, and Repair McNair Retention Wall and Breakwater (Damage Repair), Boat Launch (Damage Repair), Boat Ramp (Damage Repair), Roads and Parking lots (Damage Repair), Recreation camping and day use areas (Damage Repair), stilling basin wall joints, Saddle Dam 3 Pump station electrical and Bank Stabilization.
IL	LRD	AER	CHICAGO SANITARY AND SHIP CANAL DISPERSAL BARRIER, IL	6,750,000	Augment/replace existing grounding system on the east and west sides of the canal to reduce the spread of stray current on adjacent properties. Work entails installing ground rods to 50 ft at 20 ft spacing around the existing facility. Install magnesium anode beds at multiple sites to increase corrosion protection for petroleum pipeline. Replace existing fencing for the barrier campus with non-conductive fencing, including fencing at the site property lines that can be accessed on one side by the public.
IL	MVD/LRD	NIH	ILLINOIS WATERWAY (MVR PORTION), IL & IN	83,340,000	Lock Maintenance of 40 miter and sector gates. Replace Starved Rock Lock and Dam miter gate sector gear and base; award rock supply contract and fabrication contract for tainter gate 1 & 2. Replace Brandon Road dam operating equipment, install miter gate, and replace miter gate sector gear and base. Replace Lagrange & Peoria Dam timber wicket gates with composite wicket gates. Replace Marseilles gate sector gear and base. Install Lockport service gate. Install Dresden miter gate and replace electrical switchboard.
IL	MVD	NIH	ILLINOIS WATERWAY (MVS PORTION), IL & IN	550,000	Damage Repair - Dredging

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IL	MVD	NIL/REC/ENS	KASKASKIA RIVER NAVIGATION, IL	10,395,000	Dredging, Replace Miter Gate Machinery, Repair Project Office (Damage Repair), recreation facilities (Damage Repair), Kasky lower third of both tainter gates, trunnion girder block concrete, floating guidewall, concrete spalling electrical plugs on lock walls, and control house (Damage Repair). Dredging (Damage Repair), Repair building roofs, two main dam electrical feeder lines, security fence, old equipment, gauges, damages at Shelbyville to facilities and shoreline revetment (Damage Repair) and replace radio tower. Replant vegetation (Damage Repair), replace artificial fish structures, perform maintenance on equipment utilized to raise fish, purchase access easements, site assessments, and Walleye fishery rehabilitation work. Maintenance of recreation areas, boat launch, trails, comfort station, waste water treatment lagoon motor & pump replacement. Update the current Water Control Manual.
IL	MVD	FDRR/REC/ENS	LAKE SHELBYVILLE, IL	8,825,000	Repair Lock and Dam 20 Remedial Dike Scour (Damage Repair), Lower Guide wall lock 14a (Damage Repair), Lock and Dam 14 Approach Dike Scour (Damage Repair), Lock 17 Upper Guide Wall Sheet Pile Transition, and Campgrounds Campsite Inundation (Damage Repair). Replace Mississippi River Dam 21 and 22 Bulkhead Lifter, Lock 19 Hydraulic Cylinder, Lock 15 Miter Gate Anchorages, Lock and Dam 21 and 22 Kevel Rail, and Dam 11 Tainter Gate #1. Upgrade Clark's Ferry Electrical, Rehabilitate Lock 13 Filling and Emptying Valve System, and perform Dredging. Rehabilitate Septic System (Damage Repair) and Emergency Crane, Replace Dam signage (Damage Repair), high water pumps (Damage Repair), cart (Damage Repair), temporary flood protection (Damage Repair), backup generators and Main Lock Upstream Lift gate, manage Fisheries, and Repair damaged buildings (Damage Repair), embankment protection (Damage Repair), elevator (Damage Repair), docking barge anchor, trail dike (Damage Repair), Bankline fences (Damage Repair), Spillways, lockwall concrete, roadways and parking lots (Damage Repair), and multiple recreation facilities (Damage Repair).
IL	MVD	NIH/REC	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVR PORTION), IL	49,999,000	
IL	MVD	NIH/REC/ENS	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVS PORTION), IL	26,260,000	

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IL	MVD	FDRR/REC/ENS	REND LAKE, IL	1,370,000	Remove silt deposited at West Side and East Side Boat Ramps and Harbors (Damage Repair), Install a lift station and water and sewer hookups on existing electric campsites, Upgrade Electrical Infrastructure in South Sandusky Rec Area, and Replace Rend Lake Administration Building HVAC System
IN	LRD	FDRR	CAGLES MILL LAKE, IN	600,000	Tower bridge painting & bridge deck replacement
IN	LRD	NHS	MICHIGAN CITY HARBOR, IN	7,000,000	East Pier repair consisting of replacing steel sheet pile, concrete, and armor stone.
IN	LRD	FDRR	MONROE LAKE, IN	350,000	Remove and repair 3 main gates
KS	NWD	FDRR/ENS	CLINTON LAKE, KS	65,000	Boundary and flowage easement inspection and maintenance and pest and invasive species management
KS	SWD	FDRR	ELK CITY LAKE, KS	1,425,000	Damage Repair - Repair gates and stilling basin and Survey Dam Embankment
KS	SWD	ENS	FALL RIVER LAKE, KS	335,000	Weed removal and riverbank stabilization
KS	SWD	FDRR/ENS	JOHN REDMOND DAM AND RESERVOIR, KS	835,000	Weed removal and riverbank/streambank stabilization (Damage Repair)
KS	NWD	FDRR/ENS	KANOPOLIS LAKE, KS	3,758,000	Design and construction to repair and replace upstream slope riprap, install pump, pumping station, and utility, Procure Mulcher for Boundary Maintenance, Perform Timber Stand improvements and pest and invasive species management.
KS	NWD	FDRR/REC	MELVERN LAKE, KS	60,000	Replace roof at Arrow Rock shower building.
KS	NWD	FDRR/REC	MILFORD LAKE, KS	43,000	Remove and replace vault restroom
KS	NWD	ENS/REC	PERRY LAKE, KS	100,000	Restore 50 acres of overgrown field for wildlife benefit
KS	NWD	FDRR	POMONA LAKE, KS	1,500,000	Inspecting and repairing welds on a stoplog.
KS	SWD	WTR/ENS	TORONTO LAKE, KS	1,750,000	Replace Water Supply Intake and Valve and Employ riverbank stabilization measures.
KS	NWD	FDRR/REC/ENS	TUTTLE CREEK LAKE, KS	13,880,000	Repair upstream rock fill/overlay of main embankment (Damage Repair), restoration of damaged wetland acreage, aerial seeding (Damage Repair), replace steel cavitation liners for front service gates 1 and 2, install traffic closure barriers, herbicide application, purchase utility terrain vehicle, trailer and implements, repair pipe fencing, and clear vegetation.
KS	NWD	FDRR/ENS	WILSON LAKE, KS	45,000	Management of pest and invasive species
KY	LRD	NIH/HYD/REC	BARKLEY DAM AND LAKE BARKLEY, KY & TN	7,040,000	Replace Storm Damaged Powerhouse Generator Roof System (Damage Repair), Replace deficient, outdated sanitary facilities at Linton Recreation Area, Rehabilitate Spillway Gates Mechanical and Electrical, and Paving at Coleman Bridge, Calhoun Hill and Hurricane Creek

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KY	LRD	FDRR/REC	CARR CREEK LAKE, KY	1,100,000	Raise crest of Littcart sediment dam and Replace waste water treatment plant and sewage system lines for Irishman and Marina Re
KY	LRD	FDRR/ENS	CAVE RUN LAKE, KY	60,000	Removal of Underground Fuel Storage Tank
KY	LRD	FDRR/ENS	FISHTRAP LAKE, KY	2,113,000	Repair spalling concrete on tainter gate abutments, Replace Sewage Package Plant and project main water line, and Prepare Historic Property Management Plan.
KY	LRD	FDRR	MIDDLESBORO CUMBERLAND RIVER BASIN, KY	2,150,000	Damage Repair - Channel Sedimentation Removal Phase 2 Storm Damage Repair.
KY	LRD	FDRR/REC/ENS	NOLIN LAKE, KY	215,000	Moutardier Paving, Shoreline Restoration, and Treat and Contain Invasive Species
KY	LRD	FDRR/REC/ENS	ROUGH RIVER LAKE, KY	84,000	Perform Shoreline Restoration
KY	LRD	FDRR/HYD	WOLF CREEK DAM, LAKE CUMBERLAND, KY	5,450,000	Replace Protective Coating of Bridge Section and concrete deck of bridge and dam section, and Install Centralized Control.
KY	LRD	ENS	YATESVILLE LAKE, KY	170,000	Environmental Trail Stabilization.
LA	MVD	NHD	ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF & BLACK, LA	33,100,000	Dredging and Surveys of Lower Bar, Bay, Upper Bar, Bayou Chene, Boeuf and Black
LA	MVD	NHS	BARATARIA BAY WATERWAY, LA	5,160,000	Dredging (Damage Repair) and Surveys
LA	MVD	FDRR	BAYOU BODCAU RESERVOIR, LA	2,750,000	Damage Repair - Slide Repairs
LA	MVD	NHS	FRESHWATER BAYOU, LA	8,075,000	Dredging, Surveys and Construct Elevated Warehouse. Repair damage to lock building (Damage Repair), Port Allen Lock tainter valves #1, #3, #4, lock guidewall damage (Damage Repair), bank erosion (Damage Repair), Leland Bowman Lock control houses (Damage Repair), wind break erosion (Damage Repair), canopy damage (Damage Repair), Calcasieu Lock administration building (Damage Repair), boat shed (Damage Repair), cofferdam (Damage Repair), maintenance building (Damage Repair), storage buildings (Damage Repair), and site damage (Damage Repair), Replace old PLC and hydraulic pumps and gate machinery and 4 valves at Harvey Lock, and Dredging.
LA	MVD	NIH	GULF INTRACOASTAL WATERWAY, LA	23,248,000	Repair Comfort station roof (Damage Repair), Picnic shelters (Damage Repair), and Floating Guidewall. Repair control house (Damage Repair), Install New Gates, new machinery, electrical and associated components and lighting improvements, and Replace Guidewall.
LA	MVD	NIL/REC	J BENNETT JOHNSTON WATERWAY, LA	803,000	
LA	MVD	NHD	MERMENTAU RIVER, LA	12,674,000	
LA	MVD	NHD	MISSISSIPPI RIVER, BATON ROUGE TO THE GULF OF MEXICO, LA	15,000,000	Repair the South Pass jetties
LA	MVD	FDRR	WALLACE LAKE, LA	2,300,000	Damage Repair - Slide Repairs

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MA	NAD	FDRR/REC	BUFFUMVILLE LAKE, MA	355,000	Handicapped Access improvements, Parking, Walkways and Roads and Debris removal (Damage Repair).
MA	NAD	NHD/ENS	CAPE COD CANAL, MA	2,665,000	Steel and timber repairs to Mooring Dolphins and Cape Cod Canal Missing Boundary Marker Location and Replacement
MA	NAD	NHS	CHATHAM (STAGE) HARBOR, MA	500,000	Dredging
MA	NAD	NHS	CUTTYHUNK HARBOR, MA	1,800,000	Dredging
MA	NAD	FDRR	EAST BRIMFIELD LAKE, MA	100,000	Design Gatehouse Electrical Upgrade
MA	NAD	NHS	ESSEX RIVER, MA	4,425,000	Dredging
MA	NAD	FDRR	HODGES VILLAGE DAM, MA	11,000	Damage Repair - Removal of debris from log boom and trails
MA	NAD	FDRR	KNIGHTVILLE DAM, MA	350,000	Gatehouse Masonry Repairs – Phase 2
MA	NAD	NHS	NEWBURYPORT HARBOR, MA	2,500,000	Dredging
MA	NAD	NHD	PLYMOUTH HARBOR, MA	300,000	Plans and Specifications for Emergency Reconstruction of Section of Plymouth Long Beach Dike, MA
MA	NAD	NHD	SALEM HARBOR, MA	2,950,000	Dredging and Surveys
MA	NAD	NHS	WAREHAM HARBOR, MA	4,890,000	Dredging and Surveys
MA	NAD	FDRR	WEST HILL DAM, MA	30,000	Damage Repair - Removal of trees from power lines from recreation area and Debris clean-up.
MD	NAD	NHS	HERRING BAY AND ROCKHOLD CREEK, MD	2,150,000	Dredging and Surveys
MD	NAD	NHS	NORTHEAST RIVER, MD	2,400,000	Dredging and Surveys
MD	NAD	NHS	SLAUGHTER CREEK, MD	50,000	Dredging - Engineering and Design
ME	NAD	NHS	BAR HARBOR, ME	6,325,000	Breakwater Repair and Surveys
ME	NAD	NHS	JOSIAS RIVER, PERKINS COVE, ME	3,425,000	Dredging and Surveys
ME	NAD	NHS	NARRAGUAGUS RIVER, MILBRIDGE, ME	3,905,000	Dredging and Surveys
ME	NAD	NHS	SCARBOROUGH RIVER, ME	4,800,000	Dredging
MI	LRD	NHD	CHANNELS IN LAKE ST CLAIR, MI	2,130,000	Dredging and Surveys.
MI	LRD	NHD	CHARLEVOIX HARBOR, MI	850,000	Damage Repair - South Breakwater Walkway Repairs.
MI	LRD	NHD	DETROIT RIVER, MI	3,500,000	Pointe Mouillee CDF Repairs and material management.
MI	LRD	NHD	GRAND HAVEN HARBOR, MI	7,500,000	Damage Repair - Repair of Grand Haven North Pier Wave Attenuator
MI	LRD	NHD	HOLLAND HARBOR, MI	850,000	Damage Repair - Critical Breakwater Safety Maintenance and Engineering and Design for North Revetment repairs to address deterioration.
MI	LRD	NHD	KEWEENAW WATERWAY, MI	370,000	Damage Repair - Engineering and Design for repair to rubble mound breakwater at Upper Entry.
MI	LRD	NHS	PORT AUSTIN HARBOR, MI	50,000	Damage Repair - Critical Breakwater Safety Maintenance.
MI	LRD	NHD	ST MARYS RIVER, MI	4,000,000	Construct 13.8kV ACB replacement and feeder connections to New Lock shaft 6 equipment building

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MN	LRD	NHD	DULUTH - SUPERIOR HARBOR, MN & WI	19,000,000	Complete the construction of repairs to Government Vessel Yard (Damage Repair) and Erie Pier Confined Disposal Facility (CDF) Material Removal.
MN	MVD	FD RR	LAC QUI PARLE LAKES, MINNESOTA RIVER, MN	5,675,000	Damage Repair - Repair Spillway Concrete.
MN	MVD	NIH	MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN	10,075,000	Perform site stabilization of Dredge Material Disposal Facilities, Maintenance of floating plant, Plans and Specification for Painting dam gates and service bridge at Lock 5 and 5a, rehabilitation of guidewall crib at Lock 3 & 7, and replace lower guidewall monolith at Lock 5.
MO	MVD	FD RR/HYD/REC	CLARENCE CANNON DAM AND MARK TWAIN LAKE, MO	1,890,000	Replace Bushing, Rehabilitate transformer, and Repair Indian Creek West Comfort station/lift station (Damage Repair), guardrails at Indian Creek West Boat Ramp, Robert Allen Recreation Area, South Fork Boat Ramp, and Stoutsville Recreation (Damage Repair), recreation facilities at Robert Allen, South Fork, Stoutsville, Ray Behrens, Indian Creek, and Bluff View (Damage Repair), and beaches at John Spalding Beach and Indian Creek Beach (Damage Repair).
MO	SWD	FD RR	CLEARWATER LAKE, MO	2,000,000	Damage Repair - Replace Clearwater Lake Tower Service Gate #3 Hoist Assembly
MO	NWD	FD RR/HYD/ENS	HARRY S TRUMAN DAM AND RESERVOIR, MO	2,595,000	Management of special species, pest and invasive species, Wetland Renovation (Damage Repair), Inspections, Shoreline management, Update master plan, and Replace pumps.
MO	NWD	ENS	LONG BRANCH LAKE, MO	90,000	Surveys
MO	MVD	NIH/FD RR/REC	MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO & IL	18,850,000	Repair dike and revetments miles 195-0 (Damage Repair), Embedded Metals, Embankment Protection, Access Road and Parking Lots (Damage Repair). Replace Signage (Damage Repair) and damaged concrete, Clean out float wells and replace Valves, visitor platforms, Perform Slice Gate Barrier Maintenance, and Establish Turf on Berns.
MO	NWD	FD RR/ENS/REC	POMME DE TERRE LAKE, MO	1,785,000	Repair access roads and boat ramps (Damage Repair), inspect and repair emergency gates and stoplogs, and purchase batwing brush hog and stump grinder.
MO	MVD	NHS	SOUTHEAST MISSOURI PORT, MISSISSIPPI RIVER, MO	500,000	Dredging
MO	NWD	ENS	STOCKTON LAKE, MO	130,000	Clearing of invasive species.
MS	SAD	NHS	BILOXI HARBOR, MS	5,000,000	Dredging and Surveys
MS	MVD	NHS	CLAIBORNE COUNTY PORT, MS	4,000	Surveys
MS	SAD	NHD	GULFPORT HARBOR, MS	6,692,000	Dredging and Surveys
MS	MVD	NHS	MOUTH OF YAZOO RIVER, MS	200,000	Dredging

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MS	SAD	FDRR/REC	OKATIBEE LAKE, MS	200,000	Replace degraded, inefficient water supply systems at Twilley Branch Campground with sustainable water infrastructure technology.
MS	MVD	NIL	PEARL RIVER, MS & LA	9,000	Real Estate Management for Navigation
MT	NWD	FDRR	FT PECK DAM AND LAKE, MT	1,200,000	Replace downstream toe drain pipe and flow measuring device.
MT	NWD	FDRR	LIBBY DAM, MT	110,000	Install well in the resource area and Upgrade Switchgear and Cabling at Murray Springs.
NC	SAD	NIL	ATLANTIC INTRACOASTAL WATERWAY, NC	4,552,000	Dredging and Surveys
NC	SAD	NHS	AVON HARBOR, NC	1,603,000	Dredging and Surveys
NC	SAD	FDRR/ENS	B EVERETT JORDAN DAM AND LAKE, NC	840,000	Design and Fabrication of Additional Outflow Stoplogs, Plans and Specs for Toe Drain System Repair, and Replacement of Tower Ladder System.
NC	SAD	NHS	BEAUFORT HARBOR, NC	520,000	Dredging and Surveys
NC	SAD	NHS	BOGUE INLET AND CHANNEL, NC	1,040,000	Dredging and Surveys
NC	SAD	NHS	CAPE FEAR RIVER ABOVE WILMINGTON, NC	6,500,000	Plans & Specifications for Esplanade at William O'Huske L&D (Damage Repair) and Rehab of Lock Chambers.
NC	SAD	NHS	CAROLINA BEACH INLET, NC	1,040,000	Dredging and Surveys
NC	SAD	FDRR/ENS	FALLS LAKE, NC	2,250,000	Installation of Fabricated Service and Emergency Gates and Replace and Upgrade Piezometers
NC	SAD	NHS	MANTEO (SHALLOWBAG) BAY, NC	6,400,000	Dredging and Surveys
NC	SAD	NHS	MASONBORO INLET AND CONNECTING CHANNELS, NC	250,000	Jetty Inspection and maintenance
NC	SAD	NHD	MOREHEAD CITY HARBOR, NC	30,000	Turbidity Monitoring
NC	SAD	NHS	NEW RIVER INLET, NC	3,000,000	Dredging and Surveys
NC	SAD	NHS	NEW TOPSAIL INLET AND CONNECTING CHANNELS, NC	520,000	Dredging, Surveys and Turbidity Monitoring
NC	SAD	NHS	ROLLINSON CHANNEL, NC	1,430,000	Dredging, Surveys and Turbidity Monitoring
NC	SAD	NHS	SILVER LAKE HARBOR, NC	4,370,000	Dredging, Surveys and Turbidity Monitoring
NC	SAD	NHS	STUMPY POINT BAY, NC	2,580,000	Dredging, Surveys and Turbidity Monitoring
NC	SAD	FDRR/REC/ENS	W KERR SCOTT DAM AND RESERVOIR, NC	1,020,000	Project Office and Control Tower Generator Replacement, Replace and Upgrade Piezometers, and Repair Sinkhole at Warrior Creek Campground
NC	SAD	NHD	WILMINGTON HARBOR, NC	10,250,000	Dredging, Surveys and Update Dredged Material Management Plan.
NC	SAD	NHS	WW CONNECTING PAMLICO SD AND BEAUFORT HARBOR, NC	75,000	Dredging and Surveys
ND	NWD	FDRR/HYD/REC	GARRISON DAM, LAKE SAKAKAWEA, ND	20,150,000	Repair Penstock Gallery roof, Upgrade East Totten Trail campground electrical, Rehabilitate gates bubbler and heater systems and Dredging
ND	MVD	FDRR	LAKE ASHTABULA AND BALDHILL DAM, ND	300,000	Abutment Stability Analysis
NE	NWD	FDRR/REC	GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE & SD	1,330,000	Damage Repair - Repairs FY 2019 Flood Damages to Joint Features to include surveys and engineering analysis and Recreation Features to include repair of roads, boat ramps, parking lots and fishing pier.

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NE	NWD	FDRR/REC/ENS	HARLAN COUNTY LAKE, NE	3,900,000	Mitigation of archaeological and cultural resources at White Cat Point and Tipover and Rehabilitate the sewage lagoon
NH	NAD	FDRR	FRANKLIN FALLS DAM, NH	81,000	Evaluate and repair left embedded steel gate guide and underlying spalled concrete in gate well
NH	NAD	NHS	PORTSMOUTH HARBOR AND PISCATAQUA RIVER, NH	1,685,000	Dredging and Surveys
NJ	NAD	NHS	BARNEGAT INLET, NJ	922,000	Dredging and Surveys of Inlet Entrance Channel and Critical Channel Shoal (Damage Repair)
NJ	NAD	NHS	CHEESEQUAKE CREEK, NJ	30,000,000	Jetty Rehabilitation
NJ	NAD	NHD	COLD SPRING INLET, NJ	550,000	Dredging and Surveys of Inlet Entrance Channel and Analyze shoaling pattern and optimize dredging.
NJ	NAD	NHD	DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA & DE	25,000,000	Maintenance of Dredged Material Disposal Facilities for Killcohook #1 and Pedricktown North
NJ	NAD	NHS	NEW JERSEY INTRACOASTAL WATERWAY, NJ	14,350,000	Repair Point Pleasant Canal Bulkhead, Repair Gabion Revetment and Construct Bank Stabilization along Cape May Canal, and Surveys and Dredging at Cape May
NJ	NAD	NHD		5,555,000	Lewes Ferry Channel Entrance Between Jetties, Absecon Inlet to Cape May, Manasquan Inlet to Absecon Inlet Reach, Cape May Ferry Channel Bank Shoal and Critical Channel Shoal and Debris Removal (Damage Repair).
NJ	NAD	NHD		7,150,000	Dredging and Surveys
NJ	NAD	NHS	RARITAN RIVER TO ARTHUR KILL CUT-OFF, NJ	300,000	Dredging (Damage Repair) and Surveys
NM	SPD	FDRR	SALEM RIVER, NJ		Replace deteriorated air vent pipes in the Dam gate chamber
NM	SPD	FDRR	ABIQUIU DAM, NM	750,000	Repair Tetilla Peak Access Road Bridge and Replace Corrosion Prevention Coating on Metal Equipment and Piping
NM	SPD	FDRR	COCHITI LAKE, NM	150,000	Real Estate - Boundary Monumentation and Rectification for Environmental Stewardship Features
NV	SPD	FDRR/ENS	MARTIS CREEK LAKE, NV & CA	4,650,000	Dredging and Surveys
NY	NAD	NHS	BROWNS CREEK, NY	10,000,000	Damage Repair - Times Beach CDF Design Deficiency Repair
NY	LRD	NHD	BUFFALO HARBOR, NY	6,750,000	Dredging and Surveys
NY	NAD	NHS	GREAT KILLS HARBOR, NY	2,600,000	Repair Vessel Mooring Structure containing deteriorated and broken wood.
NY	NAD	NHD	HUDSON RIVER, NY (MAINT)	1,900,000	Replace Antiquated Programming Logic Controls and Repair Concrete Dam Infrastructure and Scouring
NY	NAD	NHD	HUDSON RIVER, NY (O & C)	10,000,000	West Pier Repair
NY	LRD	NHS	LITTLE SODUS BAY HARBOR, NY	250,000	Dredging support activities
NY	NAD	NHS	MATTITUCK HARBOR, NY	12,160,000	Damage Repair - Dredging and Surveys
NY	NAD	NHS	MORICHES INLET, NY	695,000	Electrical Upgrades and Improvements, Boundary Maintenance, and Invasive Species Management
NY	LRD	FDRR/ENS	MOUNT MORRIS DAM, NY	11,710,000	Dredging and Surveys
NY	NAD	NHD	NEW YORK AND NEW JERSEY CHANNELS, NY		

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NY	NAD	NHD	NEW YORK HARBOR, NY	2,500,000	Caven Point Marine Terminal Hybrid Vessel Charging System and Facility Upgrades
OH	LRD	REC	ALUM CREEK LAKE, OH	228,000	Replace Sanitary Facilities at Downstream Recreation Area.
OH	LRD	REC	BERLIN LAKE, OH	6,750,000	Replace Sewage Treatment Facility with High-Efficiency and Resilient Treatment Facility, Replace Oak Ejector Station (Station 3 of 3) at Mill Creek Campground, and Replace Sewer Lines and Manholes.
OH	LRD	FDRR	CAESAR CREEK LAKE, OH	150,000	Removal and Replacement of Pedestrian Bridge #2.
OH	LRD	ENS	CLARENCE J BROWN DAM, OH	530,000	Modify the existing Low Head Dam structure to accommodate the continuous free flow of water.
OH	LRD	FDRR	DEER CREEK LAKE, OH	38,000	Model consequences for the New Holland Dike
OH	LRD	FDRR	DELAWARE LAKE, OH	4,525,000	Restoration of Service Bridge to Designed Capacity.
OH	LRD	FDRR	DILLON LAKE, OH	500,000	Solar Panel Removal and stationed in an array
OH	LRD	ENS	MICHAEL J KIRWAN DAM AND RESERVOIR, OH	15,000	Purchase Trees and Plants that Attract Birds and Pollinators.
OH	LRD	FDRR/ENS	MOSQUITO CREEK LAKE, OH	150,000	Purchase Sub-Aquatic Vegetation Harvester
OH	LRD	FDRR	MUSKINGUM RIVER LAKES, OH	590,000	Mohawk Rehabilitate Service Bridge
OH	LRD	FDRR	WEST FORK OF MILL CREEK LAKE, OH	100,000	Repair of Bridge Abutment ASR at West Fork Lake Tower Service Bridge
OK	SWD	FDRR	CANTON LAKE, OK	2,500,000	Damage Repair - Repair downstream toe road drainage
OK	SWD	FDRR	COPAN LAKE, OK	3,668,000	Repair pumps at Caney Levee (Damage Repair) and Replace Toe Drain
OK	SWD	ENS	EUFULA LAKE, OK	1,000,000	Archaeological Site Protection
OK	SWD	FDRR	FORT GIBSON LAKE, OK	60,994,000	Repair stilling basin (Damage Repair) and Construct New Service Bridge
OK	SWD	REC/ENS	KAW LAKE, OK	590,000	Replace flood damaged park restrooms (Damage Repair), Clear vegetation at NHL Archeological Site 34K
OK	SWD	FDRR/HYD	KEYSTONE LAKE, OK	5,389,000	Damage Repair - Repair stilling basin
OK	SWD	NIH/HYD	MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OK	27,763,000	Damage Repair - Repair Access road, Guardrail and Fence at Webbers Falls, Repair embankment and Cherokee chute at W.D. Mayo Lock and Dam, Clear Wells and Service Feeder at Webbers Falls, and Repair stilling basin at Robert S. Kerr and Webbers Falls Lock and Dams.
OK	SWD	FDRR/ENS	OOLOGAH LAKE, OK	525,000	Damage Repair - Repair stilling basin
OK	SWD	FDRR/ENS	WISTER LAKE, OK	3,750,000	Protect significant cultural resources sites and Inspections (Damage Repair).
OR	NWD	FDRR	COUGAR LAKE, OR	6,652,000	Replacement of structural, mechanical and electrical remaining work for spillway gates and overhead feeder.
OR	NWD	NHS	DEPOE BAY, OR	298,000	Seawall stability analysis.
OR	NWD	FDRR	HILLS CREEK LAKE, OR	2,740,000	Spillway gate structural repairs

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OR	NWD	NIH/REC	JOHN DAY LOCK AND DAM, OR & WA	3,168,000	Environmental compliance and plans and specifications for potable water and irrigation systems, Complete design for navlock tainter valve, replacement of bearing shoes for downstream gate.
OR	NWD	NIH/REC/ENS	MCNARY LOCK AND DAM, OR & WA	22,797,000	Dredging and surveys, Replace downstream gate gudgeon anchors, navigation derrick crane (#2), spillway gate hoists and spillway gates, Rehabilitate levee drainage pump stations, Eradicate flowering rush, Upgrade Hood Park Septic system, Reconstruct 3rd street road.
OR	NWD	NHD	TILLAMOOK BAY & BAR, OR	62,000,000	Damage Repair - Construction contract for Repair of South Jetty head and trunk.
PA	NAD	FDRR	BELTZVILLE LAKE, PA	1,400,000	Hydraulic Steel Structure Safety Repairs and Maintenance Work and Repair Concrete on Emergency Spillway Apron
PA	NAD	FDRR	BLUE MARSH LAKE, PA	1,650,000	Rehabilitation for Bernville Protective Works Pump Station and Procure and Install Emergency Generator at the Administration building.
PA	LRD	FDRR/ENS	CONEMAUGH RIVER LAKE, PA	150,000	Perform Culvert work on Bow Ridge to allow for passage of aquatic organisms and Upgrade Visitor Center
PA	NAD	FDRR/REC	COWANESQUE LAKE, PA	349,000	Repair Water and Sewer Line Manholes, campground electrical/water pedestals and campsite (Damage Repair), and day use swimming area, picnic tables, playgrounds, boat ramp and courtesy dock (Damage Repair), Remove Debris in Day use area and Campground (Damage Repair), Replace South Shore Water Treatment Filters and Manhole Valve Vaults for Water/Sewer Service Lines, and Upgrade Wastewater Treatment Plant Tank.
PA	LRD	FDRR/ENS	CROOKED CREEK LAKE, PA	200,000	Remediate Stream Erosion of Feeder Stream
PA	NAD	FDRR	FRANCIS E WALTER DAM, PA	100,000	Damage Repair - Dam Debris Removal and Storm Damage Cleanup
PA	NAD	FDRR	GENERAL EDGAR JADWIN DAM AND RESERVOIR, PA	35,000	Damage Repair - Dam Debris Removal and Storm Damage Cleanup
PA	LRD	FDRR	JOHNSTOWN, PA	300,000	Remove Vegetation, Shoals and Concrete Restoration
PA	LRD	FDRR/ENS	MAHONING CREEK LAKE, PA	125,000	Replacement and Repair to Culverts

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PA	NAD	FDRR/REC	RAYSTOWN LAKE, PA	655,000	Damage Repair - Replace damaged and missing navigational buoys and repair the beach buoy line anchoring brackets, Purchase and place stone rip-rap to repair washed out areas behind gabion baskets at Tatman Run and Nancy's Camp campground, Replace damaged courtesy docks at seven boat launches, Remove hazardous debris, design a more durable courtesy dock system to withstand the impacts of high water for Shy Beaver, James Creek and Snyder's Run boat launches, Replace trees uprooted in Nancy's Camp Campground, Raise the elevation of the access ramp to the USACE boat house by five feet, Relocate the damaged Weaver Falls playground and repair the Seven Points beach playground, and Equipment rental to install rip-rap drainage ditch.
PA	NAD	NHD	SCHUYLKILL RIVER, PA	5,000,000	Damage Repair - Dredging and Debris Removal Repair and Stabilize Campground Shoreline, Rehab
PA	LRD	REC/ENS	SHENANGO RIVER LAKE, PA	675,000	Interior Piping in Elevated Water Tank, and Purchase and Install Greenhouse for Sustainable Plants.
PA	NAD	REC	TIOGA - HAMMOND LAKES, PA	10,000	Repair or Replace Sewage Treatment Plant Sludge Pump #2
PA	LRD	FDRR/REC	TIONESTA LAKE, PA	1,500,000	Rehab interior Piping and Repaint Elevated Water Tank
PA	LRD	FDRR/ENS	WOODCOCK CREEK LAKE, PA	180,000	Install Bio Swales for Storm Water Mitigation and Interpretive Signage on Nature Trails
PA	NAD	FDRR	YORK INDIAN ROCK DAM, PA	1,045,000	Debris and Sediment removal in the intake of the dam and in the vicinity of Penn St. floodwall construction area (Damage Repair), Remove Shoaling and Vegetation Throughout Codorus Creek Channel, and Restore Willis Run Levee Segment.
PA	LRD	FDRR/ENS	YOUGHIOGHENY RIVER LAKE, PA & MD	25,000	Maintain Monumentation in Limited Development Area
SC	SAD	NIL	ATLANTIC INTRACOASTAL WATERWAY, SC	12,650,000	Upland Placement Area Maintenance and Haul-out. Design Station Sump Platforms and Access Ladder,
SC	SAD	NHD	COOPER RIVER, CHARLESTON HARBOR, SC	456,000	Install Sump Pump, and Plant Outage, Dewatering, and Fish Lock Maintenance.
SC	SAD	NHS	MURRELLS INLET, SC	6,130,000	Dredging and Surveys
SC	SAD	NHS	TOWN CREEK, SC	2,000,000	Dredging and Surveys
SD	NWD	FDRR/HYD/REC	BIG BEND DAM, LAKE SHARPE, SD	5,120,000	Repair FY2019 Flood damages to recreation features (Damage Repair), replace Relief Well Collector, Seepage Drain, Unwatering Sump Piping and Valves.
SD	NWD	FDRR/ENS	FORT RANDALL DAM, LAKE FRANCIS CASE, SD	4,820,000	Repair FY 2019 Flood Damages to include surveys and iDAR (Damage Repair), replace 125 ton intake gantry crane, prepare analysis, plans and specifications, and award contract(s) for protection of historic structures and cemetery for Cultural Chapel.

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SD	NWD	FDRR/HYD	OAHE DAM, LAKE OAHE, SD & ND	406,000	Develop plans and specifications for Phase II spillway apron slab rehabilitation and Modify intake bridge pier 10
TN	LRD	REC	CENTER HILL LAKE, TN	725,000	Pave Johnson's Chapel Recreation Area entrance, access road, and parking lots (Damage Repair), Pave campground access road at Floating Mill Campground (Damage Repair), and Pave Holmes Creek Recreation Area entrance, access road and parking lots.
TN	LRD	NIH/HYD/REC	CORDELL HULL DAM AND RESERVOIR, TN	2,475,000	Replace Electric Line and outdated sanitary facilities, install Pollinator Enhancement and Centralized Control.
TN	LRD	FDRR/REC	DALE HOLLOW LAKE, TN	4,115,000	Repair Public Road, Parking Lot and Spillway Bridge deck, and Design Acquisition for Replacement of Sewer Outfalls
TN	LRD	FDRR	J PERCY PRIEST DAM AND RESERVOIR, TN	1,200,000	Replace Spillway Gate Chains.
TN	LRD	HYD/REC	OLD HICKORY LOCK AND DAM, TN	2,200,000	Install Centralized Control for remote plant operating.
TX	SWD	ENS	ARKANSAS - RED RIVER BASINS CHLORIDE CONTROL - AREA VIII, TX	1,600,000	Operation and maintenance of the project
TX	SWD	REC	BENBROOK LAKE, TX	634,000	Replace deficient, outdated restroom at Bear Creek Park
TX	SWD	FDRR/REC	DENISON DAM, LAKE TEXOMA, TX	2,800,000	Repair levee, repair shoreline erosion and impact slabs (Damage Repair)
TX	SWD	REC	GRAPEVINE LAKE, TX	1,095,000	Repair campsites (Damage Repair) and replace 2 sanitary facilities
TX	SWD	NIH	GULF INTRACOASTAL WATERWAY, TX	14,700,000	Placement Area Mining w/ Barrier Island Reconstruction, Beneficial Use Sites, and Erosion Protection (Damage Repair)
TX	SWD	REC	HORDS CREEK LAKE, TX	280,000	Road Maintenance- Lakeside Park
TX	SWD	FDRR	JOE POOL LAKE, TX	6,000,000	Embankment Slides Repairs
TX	SWD	NHD	MATAGORDA SHIP CHANNEL, TX	4,000,000	Damage Repair - Dredging
TX	SWD	NHS	MOUTH OF THE COLORADO RIVER, TX	5,300,000	Damage Repair - Dredging and Surveys
TX	SWD	REC	PROCTOR LAKE, TX	530,000	Damage Repair - Flood Repairs in Sowell Creek Park
TX	SWD	HYD/REC	SAM RAYBURN DAM AND RESERVOIR, TX	7,530,000	Repair to Rec facilities (Damage Repair), energy improvements, road repairs, and install Centralized Control.
TX	SWD	FDRR/REC	TOWN BLUFF DAM, B A STEINHAGEN LAKE, TX	1,533,000	Re-pave park roads and parking lots in all recreation areas
TX	SWD	FDRR/REC	WACO LAKE, TX	3,010,000	Damage Repair - Replace Flood Damaged Restroom in Airport Park and Repair of Roadways at Speegleville and Reynolds Creek Parks.
TX	SWD	FDRR	WALLISVILLE LAKE, TX	10,400,000	Damage Repair - Rehab Tainter Gates, Construct Stoplogs, & Construct Boat Launch Facility
TX	SWD	FDRR/REC	WHITNEY LAKE, TX	265,000	Repair Dam Bridge Deck Surface
TX	SWD	REC	WRIGHT PATMAN DAM AND LAKE, TX	1,540,000	Repair/Resurface existing roadway
VA	NAD	FDRR	GATHRIGHT DAM AND LAKE MOOMAW, VA	3,500,000	Repair Gathright Dam Intake Tower

ARMY CIVIL WORKS PROGRAM
INFRASTRUCTURE INVESTMENT AND JOBS ACT, 2022
OPERATION AND MAINTENANCE WORK PLAN

STATE	DIVISION	BUSINESS PROGRAM 1/	PROJECT	FY 2022 ALLOCATION	SUMMARY OF WORK TO BE ACCOMPLISHED WITH ALLOCATION
VA	SAD	FDRR/REC/ENS	JOHN H KERR LAKE, VA & NC	11,525,000	Upgrade Sewage System, Repairs to the Right Wing Dike toe drain, Replace and Upgrade Piezometers, Dam Instrumentation Integration at Island Creek, Refurbish Bridge and Girders, and Resurface Bridge Approach
VA	NAD	NHS	LYNNHAVEN INLET, VA	2,560,000	Dredging and Surveys
VA	NAD	NHS	MILFORD HAVEN, VA	5,675,000	Jetty maintenance, including surveys, plans, and specs, dredging, including surveys, plans, and specs. Land Slide repair and slope stabilization (Damage Repair), Install Dam ASR Anchors and Gauges, plans and specs for Installation of Vertical Anchors, and Archeological/cultural resources surveys and plan update.
VA	SAD	FDRR/ENS	PHILPOTT LAKE, VA	24,400,000	Replace Well Casing at Winhall Brook Camping Area, Upgrade Existing Electrical Service and Install Water & Electric Connect, and Perform Slason Bridge Approach Roadwork.
VT	NAD	FDRR/REC	BALL MOUNTAIN, VT	1,138,000	200,000 Update Electrical Wiring at Recreation Area
VT	NAD	FDRR/REC	NORTH HARTLAND LAKE, VT	1,543,000	Revetment repair.
WA	NWD	NHD	EDIZ HOOK, WA	10,945,000	Full repair of the North Jetty
WA	NWD	NHD	GRAYS HARBOR, WA	10,800,000	Replace small lock machinery and controls system
WA	NWD	NHD	LAKE WASHINGTON SHIP CANAL, WA	2,200,000	Repair Navlock monolith waterstops and remove sediment and debris from stilling basin.
WA	NWD	NIH	LITTLE GOOSE LOCK AND DAM, WA	6,176,000	Dredging, Surveys, and Removal of sediment and debris from Lower Granite's stilling basin deposited due to high court ordered spill
WA	NWD	NIH	LOWER GRANITE LOCK AND DAM, WA	10,210,000	Remove Sediment and debris from Stilling basin and Replace navigations lock electrical power systems
WA	NWD	NIH	LOWER MONUMENTAL LOCK AND DAM, WA	5,535,000	Repair Sea Dike to design parameters.
WA	NWD	NHS	QUILLAYUTE RIVER, WA	19,166,000	Repair of the South Breakwater.
WI	LRD	NHS	ALGOMA HARBOR, WI	500,000	Dredging support activities
WI	LRD	NHS	BIG SUAMICO RIVER, WI	1,500,000	Menasha Dam Right Abutment Repairs and E&D for Repair of Government-owned Wall at Upper Appleton Dam
WI	LRD	FDRR	FOX RIVER, WI	210,000	Bulltown Area Historic buildings and trails repair and Burnsville Lake - Historic Property Management Plan
WV	LRD	FDRR/ENS	BURNSVILLE LAKE, WV	625,000	Replace Maintenance Complex and Resource Manager
WV	LRD	FDRR/ENS	STONEWALL JACKSON LAKE, WV	174,000	Office Building Roof, and Perform Boundary Monumentation and Rectification
WV	LRD	FDRR/ENS	SUTTON LAKE, WV		Historic Property Management Plan

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STATE	DIVISION	BUSINESS PROGRAM 1/	PROJECT	FY 2022 ALLOCATION	SUMMARY OF WORK TO BE ACCOMPLISHED WITH ALLOCATION
XX	ERDC	RI	MONITORING OF COMPLETED NAVIGATION PROJECTS	4,000,000	Collect information about changes in sediment transport, water levels, currents, waves, flushing, river flows, ice, structure deterioration, and other coastal and river hydraulic phenomena with associated marine transportation and environmental impacts in order to identify operational and maintenance efficiencies and to improve project performance. Support structural health monitoring program to facilitate research to maximize operations, enhance efficiency, and protect asset life through catastrophic failure mitigation.
XX	NWD	FDRR	SNOWPACK MONITORING	20,000,000	Snowpack Monitoring Research and development of Forecast Informs Reservoir Operations (FIRO), and efforts investigating the feasibility of using predictive capabilities of atmospheric river events to inform reservoir operations at Corps dams in the Western United States
XX	ERDC	RI	WATER OPERATIONS TECHNICAL SUPPORT (WOTS)	4,500,000	Potential Transfer to Regulatory or Expense
			Potential Transfer to Regulatory or Expense	26,766,000	
			GRAND TOTAL	2,000,000,000	

1/ KEY: BUSINESS PROGRAM

- AER ACQUATIC ECOSYSTEM RESTORATION
- ENS ENVIRONMENTAL STEWARDSHIP
- FDRR FLOOD DAMAGE REDUCTION RIVERINE
- HYD HYDROPOWER
- NHD COASTAL NAVIGATION DEEP DRAFT
- NHS COASTAL NAVIGATION SHALLOW DRAFT
- NIH INLAND WATERWAYS HIGH USE
- NIL INLAND WATERWAYS LOW USE
- REC RECREATION
- RI REMAINING ITEM
- WTR WATER SUPPLY