

### Army Corps of Engineers - Civil Works Expenditure Plan (Alabama)

<b>Construction</b>		
Project Name	Work Description	Planned Allocation
Mobile Harbor, AL	Award and complete Turning Basin contract.	\$24,985,000.00
Walter F George Lock and Dam, AL & GA	Funds required to complete last modification for rehabilitation of 4 hydropower units. Delaying funding to complete this project will result in reduced contractor hired labor needs during the stimulus period.	\$2,486,000.00
Walter F George Lock and Dam, AL & GA	Award contract for the purchase and installation of 4 115 kilovolt transformers in the switchyard, to include oil containment systems, switchyard plus reconfiguration and 13.8 kilovolt bus reconfiguration, and removal of existing transformers.	\$11,352,000.00
<b>Operations and Maintenance</b>		
Project Name	Work Description	Planned Allocation
Alabama River Lakes, AL	Fully fund Alabama-Coosa-Tallapoosa (ACT) Water Control Manual (WCM). Award Contracts to complete ACT WCM and required EIS. These activities are key to proper management of the ACT Basin, including balancing water supply, hydropower and flood damage reduction.	\$2,800,000.00
Alabama River Lakes, AL	Perform maintenance dredging of the navigation channel and replace aging survey boat with a more efficient and reliable model. Activity increases the reliability of the inland waterway system.	\$4,000,000.00
Alabama River Lakes, AL	Repair/rehab project buildings in order to improve energy efficiency, climate control, and sanitary conditions. Repairs/rehab includes insulation, insulated glass, solar water heaters, roofing, etc. These activities will reduce future operation and maintenance.	\$2,000,000.00
Alabama River Lakes, AL	Trunion Rod Failure Mitigation - award contract to fabricate a second set of stoplogs for spillway gates for use should additional Trunion rod failures occur leaving two gates inoperable. Prepare Restricted Reservoir Operation Plan.	\$10,000,000.00
Alabama River Lakes, AL	Perform critical maintenance of Claiborne L&D, Miller's and R.F. Henry. Lock Closures. This work would reduce the risk of lock gate failures and will properly maintain the equipment.	\$3,800,000.00
Alabama River Lakes, AL	Perform maintenance at Gunter Hill Campground and Swift Creek to include upgrade of underground electrical service, reconfiguration and renovation of campsites, raw water supply lines, sanitary systems, and critical paving. Reduces future maintenance costs.	\$3,000,000.00
Alabama River Lakes, AL	Invasive Species and Aquatic weeds - Control cogon grass on upland disposal areas and other project lands. Required in order to prevent spread to adjacent lands and avoid adverse impacts to native ecosystems.	\$300,000.00
Alabama River Lakes, AL	Update sediment range surveys and upgrades to increase reliability of equipment and improve Water Management functions. This will provide more accurate data for flood risk management decisionmaking, but also help to insure water supply.	\$150,000.00
Alabama River Lakes, AL	Issue Contract to Perform Arc Flash Study and implement recommendations - Millers - Improve plant safety by identifying power plant arc flash hazards and developing PPE requirements and procedures. Brings plant into compliance with NFPA 70	\$100,000.00
Alabama River Lakes, AL	Issue contract to perform Arc Flash Study and implement recommendations - Jones - Improve plant safety by identifying power plant arc flash hazards and developing PPE requirements and procedures. Brings plant into compliance with NFPA 70E.	\$100,000.00
Alabama River Lakes, AL	Issue Contract for Replacement of 13.8kV Switchgear - Millers Ferry. This project improves generator reliability by replacing unit breakers and other components which are nearing the end of their useful life.	\$250,000.00
Alabama River Lakes, AL	Issue Contract for Replacement of Plant Motor Control Centers - Millers - Aging Motor Control Centers are reaching the end of their serviceable life. New Motor Control Centers will improve reliability and availability.	\$320,000.00
Alabama River Lakes, AL	Issue Contract for Replacement of Plant Motor Control Centers - Jones - Aging Motor Control Centers are reaching the end of their serviceable life. New Motor Control Centers will improve reliability and availability.	\$320,000.00
Alabama River Lakes, AL	Upgrade equipment and supplies to provide 50 Amp service at Prairie Creek, Millers Ferry vehicles. Brings projects up to current standards., Six Mile Creek, and Chitatchee Creek Campgrounds. Reduces future maintenance costs, Risk of failure and damage to recreational	\$1,000,000.00
Alabama River Lakes, AL	Hire additional contract employees to provide increased maintenance support for project facilities. These activities will provide the public a safer and more enjoyable recreational experience at the project. These activities will allow more general public access.	\$300,000.00

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Alabama River Lakes, AL	Perform critical paved roads repairs in recreational areas and at site offices and operate recreation areas at normal service levels by hiring additional temp and term employees. These activities will provide the public a safer and more enjoyable recreation.	\$3,000,000.00
Alabama River Lakes, AL	Replace park attendant sites (12 total) in Six Class A campgrounds. Upgrades campsite infrastructure to current standards and reduces future maintenance costs.	\$200,000.00
Alabama River Lakes, AL	Replace playgrounds in East Bank Beach (Millers Ferry), Bridgeport Beach, Six Mile Creek day use, and Gunter Hill Campground, including site work, to provide ADA compliance. Provides safer recreational experience for visitors and reduces future maintenance.	\$200,000.00
Alabama River Lakes, AL	Provide waterborne restroom facilities at heavily used boat ramps in Ellis Landing, Holy Ground Battlefield Park, and Swift Creek Park. Provides safer recreational experience for visitors.	\$450,000.00
Alabama River Lakes, AL	Upgrade or replace aging construction equipment utilized throughout large site for facilities maintenance. Reduces future maintenance costs.	\$185,000.00
Alabama River Lakes, AL	Upgrade or replace aging construction equipment utilized throughout large site. Reduces future maintenance costs.	\$250,000.00
Alabama River Lakes, AL	Award 8A contract to construct new HVAC system Miller's Ferry PH. The current system is at the end of its useful life and requires excessive maintenance. Reduces future maintenance costs.	\$1,000,000.00
Alabama River Lakes, AL	Award 8A contract to construct new prefab warehouse at Jones Bluff PH The Jones Bluff powerhouse needs additional space to properly store and maintain plant maintenance equipment, supplies and spare parts. This facility will reduce future maintenance costs.	\$500,000.00
Alabama River Lakes, AL	ADA accessibility renovation of Millers Ferry Resource Office and Visitor Center. Reduces future maintenance costs. Provides safer recreational experience for visitors.	\$630,000.00
Alabama River Lakes, AL	Purchase and Install accelerometer to monitor for trunnion rod failures at Jones Bluff. Critical dam safety issue and activity will monitor the structure for additional rod failures.	\$75,000.00
Black Warrior and Tombigbee Rivers, AL	Dewater Selden, Coffeerville, Bankhead, Holt and Oliver and Demopolis Locks and repair miter gates. Repairs to rusted/failing steel on the miter gates and/or lock anchorage assemblies. Repairs will reduce risk of future failure on a major high-use inland waterway.	\$4,300,000.00
Black Warrior and Tombigbee Rivers, AL	Repair and Paint Holt, Coffeerville and Bankhead Spillways and fabricate and install new handrails at navigation locks for safety. The spillway paint is in poor condition with rust and corrosion and gate seals leak severely. Will result in improved gate performance.	\$6,300,000.00
Black Warrior and Tombigbee Rivers, AL	Construct upland disposal area at Buena Vista Site AA - Crucial dredging reach and existing sites are full. NEPA documentation is completed. Project will ensure a reliable channel for the high-use inland waterway system while minimizing future maintenance.	\$2,500,000.00
Black Warrior and Tombigbee Rivers, AL	Perform Engineering and Design for valves, spillway gates and miter gates on Holt L&D, Coffeerville L&D and Selden L&D. Activity required to upgrade aging infrastructure and increase reliability of a critical high-use inland waterway system.	\$2,000,000.00
Black Warrior and Tombigbee Rivers, AL	Repair/rehab project buildings in order to improve energy efficiency, climate control, and sanitary conditions. Replace outdated manual lever controls with PLC touch screen controls to achieve reliability and enhance safety with interlocks and indicators.	\$3,000,000.00
Black Warrior and Tombigbee Rivers, AL	Purchase another set of stoplogs, VALve bulkheads, and replace aging survey boats with more efficient and reliable ones. Increase efficiency of lock closures by being able to close multiple locks at the same time. This will reduce time that system is unavailable.	\$4,000,000.00
Black Warrior and Tombigbee Rivers, AL	Replace aging aluminum wiring and upgrade 30Amp to 50 Amp service at Forkland, Deerlick Creek and Service campgrounds. Upgrades electrical system to current industry standard. Reduces future maintenance cost, Risk of failure and damage to recreational vehicles.	\$800,000.00
Black Warrior and Tombigbee Rivers, AL	Perform additional maintenance dredging to provide full channel dimensions. Activity will increase the reliability and safety of a critical high-use inland waterway system and reduce future maintenance costs.	\$980,000.00
Black Warrior and Tombigbee Rivers, AL	Invasive Species Control - Cogon Grass and aquatic weeds. Addresses an invasive of regional significance by implementing sanitation and control measures on infested sites and implementing a program for reestablishing native species.	\$500,000.00

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Black Warrior and Tombigbee Rivers, AL	Pave access roads in recreational areas and at site offices, replace control station and improve ADA access at Service Park and hire additional temporary rangers and term employees. These activities will provide the public a safer and more enjoyable recreational experience.	\$2,500,000.00
Black Warrior and Tombigbee Rivers, AL	Update sediment range surveys and upgrades to increase reliability of equipment and improve Water Management functions. This will provide more accurate data for navigation forecasting on major inland waterway.	\$900,000.00
Black Warrior and Tombigbee Rivers, AL	Dry Dock and make critical repairs to floating plant. Repairs to barges and other floating plant on project include: replacement of rusted/failing steel on the hull, handrails, and/or deck; electrical and/or mechanical repairs; painting, etc.	\$1,000,000.00
Black Warrior and Tombigbee Rivers, AL	Replace control station and improve ADA access at Service Park. These activities will provide the public a safer and more enjoyable recreational experience at the project. Reduces maintenance costs of the facility.	\$1,200,000.00
Black Warrior and Tombigbee Rivers, AL	Construct and/or replace sanitary facilities with small waterborne toilet facilities in Belmont Park, Service Park, Old Lock 5 Park, Deerlick Creek Park and Demopolis, Lower pool. Reduces future maintenance costs. Provides safer recreational experience.	\$1,000,000.00
Black Warrior and Tombigbee Rivers, AL	Install and/or replace aging playground equipment with compliant equipment at Service, Oliver Fishing Pier Park, Burchfield Branch Park. Reduces future maintenance costs. Provides safer recreational experience for visitors.	\$250,000.00
Black Warrior and Tombigbee Rivers, AL	Install new water service line and replace aging galvanized water line at Deerlick Creek Park. Reduces future maintenance costs. Provides safer recreational experience for visitors.	\$800,000.00
Black Warrior and Tombigbee Rivers, AL	Repair and pave internal roads, boat ramp approach, parking lot and overlook at Lower Pool Park. Activity will increase roadway safety within the project and reduce future maintenance costs.	\$1,000,000.00
Gulf Intracoastal Waterway, AL	Procure new survey boat. Increases the reliability of the critical waterway system by providing the resources to properly operate and maintain the project. Reduces the response and recovery time following a natural disaster (hurricanes) or other type emergency.	\$300,000.00
Gulf Intracoastal Waterway, AL	Upgrade tide gauge equipment to increase reliability and improve Water Management functions. Newer equipment will result in lower maintenance costs and more reliable tide information which is critical to determining project depths.	\$300,000.00
Mobile Harbor, AL	Perform sediment testing for ocean disposal. Ensures compliance with EPA standards, protects the environment and validates the ocean disposal option for maintenance of the 10th largest port in the	\$550,000.00
Mobile Harbor, AL	Perform Phase II of the Dredged Material Management Plan. This plan will develop alternate disposal methods which will increase channel reliability as well as reduce future maintenance costs by determining which dredge disposal alternatives are the most efficient.	\$500,000.00
Tennessee - Tombigbee Waterway, AL & MS	Perform additional maintenance dredging and prevent width and depth restrictions in the summer. Activity will increase reliability of the critical inland waterway system and restore project dimensions of this high use waterway. Activity will reduce future maintenance.	\$8,000,000.00
Tennessee - Tombigbee Waterway, AL & MS	Perform intensive lock and disposal area maintenance. Activities will increase the reliability of the critical inland waterway system by ensuring disposal capacity is available when needed for urgent dredging requirements and ensuring lock facilities are maintained.	\$1,000,000.00
Tennessee - Tombigbee Waterway, AL & MS	Repair/rehab remaining project buildings in order to improve energy efficiency, climate control, and sanitary conditions. Repairs/rehab includes insulation, insulated glass, solar water heaters, roofing, etc. These activities will reduce future operation and maintenance.	\$3,000,000.00
Tennessee - Tombigbee Waterway, AL & MS	Upgrade electrical system to 50 Amps in campgrounds including Piney Grove Class A Campground. Upgrade sanitary facilities at Columbus East Bank Boat Ramp. Reduces operational and maintenance costs, Risk of failure and damage to recreational vehicles.	\$1,000,000.00
Tennessee - Tombigbee Waterway, AL & MS	Make critical road repairs/paving across project and operate recreation areas at normal service levels by hiring additional temp and term employees. These activities will provide the public a safer and more enjoyable recreational experience at the project.	\$5,000,000.00
Tennessee - Tombigbee Waterway, AL & MS	Upgrade SCADA system for lock. Activity increases the reliability of the critical inland waterway system.	\$500,000.00
Tennessee - Tombigbee Waterway, AL & MS	Correct Bevill Cross Current Problem. Funding of this work will help eliminate a navigation safety hazard for waterway users. It will reduce equipment damage costs due to collisions and ensure safety of the navigation community.	\$4,000,000.00

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Tennessee - Tombigbee Waterway, AL & MS	Correct Aberdeen Sedimentation Problem. Activity increases the reliability of the critical inland waterway system. Reduces future maintenance costs of the project by preventing material from entering channel, thereby reducing future dredging.	\$4,000,000.00
Tennessee - Tombigbee Waterway, AL & MS	Repair ring levee at Mahannah - part of TTW Wildlife Mitigation Lands. Reduces future maintenance costs by stabilizing levee that periodically fails at several problem spots. The work is required to maintain the integrity of the levee.	\$400,000.00
Tennessee - Tombigbee Waterway, AL & MS	Invasive Species Control - Cogon Grass. Addresses an invasive of regional significance by implementing sanitation and control measures on infested sites and implementing a program for reestablishing native species.	\$500,000.00
Tennessee - Tombigbee Waterway, AL & MS	Update sediment range surveys and upgrades to increase reliability of equipment and improve Water Management functions. This will provide more accurate data for navigation forecasting on major inland waterway.	\$1,600,000.00
Tennessee - Tombigbee Waterway, AL & MS	Critical repairs to floating plant. Repairs to barges and other floating plant on project include: replacement of rusted/failing steel on the hull, handrails, and/or deck; electrical and/or mechanical repairs; painting, etc. Repairs will reduce future maintenance.	\$2,000,000.00
Walter F George Lock and Dam, AL & GA	Perform Critical Repairs/Upgrades to recreation facilities including upgrading of 30 Amp electrical to 50 Amps at White Oak Campground and three other high use areas and hire additional temp and term employees. Reduces future maintenance costs.	\$3,800,000.00
Walter F George Lock and Dam, AL & GA	Repair/rehab remaining project buildings in order to improve energy efficiency, climate control, and sanitary conditions. Repairs/rehab includes insulation, insulated glass, solar water heaters, roofing, etc. These activities will reduce future operation and maintenance.	\$1,000,000.00
Walter F George Lock and Dam, AL & GA	Replace Spillway Gate Control System. The existing system is nearing the end of its useful life and has few available spare parts and limited technical support. Replacing this system will improve water management in this critical basin (ACF).	\$500,000.00
Walter F George Lock and Dam, AL & GA	Prepare Shoreline Management Plan Update. Revises shoreline zoning allocations. Provides for more timely decisions on public requests for land use actions. Provides for management and conservation of natural resources.	\$200,000.00
Walter F George Lock and Dam, AL & GA	Perform additional lock maintenance. Fill and drain tainter valves, install automatic transfer switch for generator and rebuild lock miter gate arm bushings. These activities will increase the reliability of the structure and reduce future maintenance costs.	\$245,000.00
Walter F George Lock and Dam, AL & GA	Perform invasive species control activities to combat hydrilla - grass carp stocking and/or herbicide treatment. Improves access for recreational users and restores habitat for sport and native fishes.	\$500,000.00
Walter F George Lock and Dam, AL & GA	Relocate microwave tower. Reduce generator outages at remote plant due to communications system failures.	\$150,000.00
Walter F George Lock and Dam, AL & GA	Perform backlog maintenance and repairs to spillway gates including painting and replacing cathodic protection. These repairs will increase the reliability of the structure and reduce future maintenance costs of the structure.	\$3,000,000.00
Walter F George Lock and Dam, AL & GA	Survey boundary line for fee property and sloughing easements approximately 29 miles. Provides for protection of public property by identifying boundary lines to prevent encroachment while providing for public access to and use of the project.	\$150,000.00
Walter F George Lock and Dam, AL & GA	Issue a contract to perform arc flash study and implement recommendations. Improve plant safety by identifying power plant arc flash hazards. Brings plant into compliance with NFPA 70E, the standard for electrical safety in the workplace.	\$100,000.00
Walter F George Lock and Dam, AL & GA	Replace 13.8kV Switchgear - This project improves generator reliability by replacing unit breakers and other components which are nearing the end of their useful life. Problems with these breakers have impacted the availability of the generators at this project.	\$300,000.00
Walter F George Lock and Dam, AL & GA	Issue Contract to Replace Lock Motor Control Centers. Replaces antiquated control center, existing MCC's are plagued with failures and replacement parts are often unavailable. New Motor Control Centers will improve reliability and availability of system.	\$160,000.00
Walter F George Lock and Dam, AL & GA	Issue Contract for Replacement of Plant Motor Control Centers. Aging Motor Control Centers are reaching the end of their serviceable life. New Motor Control Centers will improve reliability and	\$440,000.00
Walter F George Lock and Dam, AL & GA	Replace Siphons . These spillway siphons enhance downstream water quality during times of minimum flow by releasing water from the higher dissolved oxygen portions of the lake. The project will result in reduced future maintenance cost for this system.	\$600,000.00

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Walter F George Lock and Dam, AL & GA	Update sediment range surveys and upgrades to increase reliability of equipment and improve Water Management functions. This will provide more accurate data for water control decision-making in this complex, highly controversial river basin.	\$200,000.00
Walter F George Lock and Dam, AL & GA	Connect CottonHill Campground with municipal water and sewage. Purchase materials for lines to each campsite. These activities will provide reliable water and sewer service to the project. It will reduce the operational and maintenance costs of the facility.	\$300,000.00

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