

Civil Works

The effective design, construction, and maintenance of our core infrastructure impacts not only how prepared we are today, but how resilient we are beyond the risks of the future.

A well-operated framework of structures, systems, and facilities is critical for local economies as well as national security. AECOM provides a full suite of integrated services to address complex civil works challenges — whether it's designing critical flood control structures to protect coastal neighborhoods or constructing the Olmsted Dam to improve navigation along the nation's busiest stretch of inland waterways.

Supporting clients like the U.S. Army Corps of Engineers (USACE), Federal Emergency Management Agency (FEMA), U.S. Department of the Interior, U.S. Department of Agriculture, and regional agencies, we deploy innovative technologies that help transform industry expectations and deliver a broad range of civil infrastructure assets.

Don't just imagine the next generation of infrastructure. See it for yourself. Visit aecom.com/government

Key capabilities

- Construction
- Dams and levees
- Dam and levee safety
- Design and engineering
- Dredging
- Ecosystem restoration
- Environmental decontamination
- Environmental stewardship
- Erosion control
- Flood risk management
- Hydropower
- Impact assessments
- Ports and marine facilities
- Shore protection
- Water supply

#2

engineering design
firm (2020 *ENR*
magazine)

#3

dams and reservoirs
(2020 *ENR*
magazine)

#3

marine and port
facilities (2020 *ENR*
magazine)



Critical infrastructure. Lifecycle solutions.



Olmsted Dam Construction - JV (IL)
Used innovative "in-the-wet" methods to deliver one of the largest U.S. civil works projects to improve critical inland marine infrastructure



Mosul Dam Rehabilitation (Iraq)
A/E services in support of USACE Engineer of Record during rehab focused on foundation grouting and repair of bottom outlets



Inner Harbor Navigation Canal Protection (LA)
Part of design-build team that constructed 9,000-ft surge barrier, preventing significant damage during future hurricanes



Folsom Dam Auxiliary Spillway Phase IV - JV (CA)
Construction phase services support for spillway control structure



Chickamauga Lock Replacement (TN)
Construction of new 600-ft lock chamber including excavation of 9,900 cubic yards (cy) of rock and demolition of 3,600 cy of concrete



Fort Peck Dam Plunge Pool Interim Repairs (MT)
Designed and prepared plans and specs for dam safety modifications and rehab



17th Street Canal Surge Gates and Pumps (LA)
Design review for construction of 3 pump stations to protect canals from storm surges while still permitting stormwater pumping






Wolf Creek Dam Instrumentation System Design, Installation and Operation (KY)
Provided some of the most critical dams with safety performance monitoring/early warning systems



Green Brook Flood Risk Management - JV (NJ)
Fast-track design of more than \$20M in construction to meet ARRA funding requirements

**Point of
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