



## Transportation

### Client:

Panama Canal Authority

### Location:

Republic of Panama

## Panama Canal Expansion Program

CH2M HILL is assisting the Autoridad del Canal de Panamá (Panama Canal Authority, or ACP) in the program management of the Panama Canal Expansion project, which will add a third set of locks to the historic waterway. The new locks will provide an additional lane of traffic, doubling the Canal's tonnage capacity and allowing the transit of much longer, wider, Post-Panamax ships through the waterway. Annually, about 14,000 vessels currently pass through the Canal. Expansion will increase Canal capacity to approximately 16,000 vessels per year, and program completion is expected in 2014.

CH2M HILL is assisting ACP in managing numerous contracts, including those for design and construction of the new locks on the Atlantic and Pacific sides of the Canal. CH2M HILL provides expertise directly or through subcontracts with firms from around the world on every aspect of the program.

The activities CH2M HILL is assisting ACP with include the following:

- Management of projects
- Development of proper organizational structure
- Implementation of a Program Management Information System (PMIS)
- Interface with the locks design-builder
- Advice regarding design and engineering
- Construction management
- Construction risk management
- Construction quality and safety oversight
- Support of the ongoing development of ACP's project delivery

The Panama Canal Expansion Program highlights CH2M HILL's ability to manage thousands of critical concerns effectively, including those relating to engineering, the environment, construction, and management, as well as the relationships between them. The ability to manage complexity is one of CH2M HILL's core competencies.

### About CH2M HILL

Headquartered near Denver, Colorado, USA, employee-owned CH2M HILL is a global leader in consulting, design, design-build, operations, and program management for government, civil, industrial and energy clients. The firm's work is concentrated in the areas of water, transportation, environmental, energy, facilities and resources. With US\$6.3 billion in revenue and 23,000 employees, CH2M HILL is an industry-leading program management, construction management and design firm, as ranked by Engineering News-Record and named a leader in sustainable engineering by Verdantix. The firm has been named a FORTUNE 100 Best Companies to Work for five times. Visit us at [www.ch2mhill.com](http://www.ch2mhill.com), [twitter.com/ch2mhill](https://twitter.com/ch2mhill) and [facebook.com/ch2mhill](https://facebook.com/ch2mhill).