

MILWAUKEE COUNTY WAR MEMORIAL PHASE I



PROJECT OBJECTIVE

The purpose of this project was to replace the existing building cooling chiller system which served the War Memorial facility, and construct a new chiller mechanical equipment room with two new 400 ton chillers and lake water free cooling ability.

PROJECT OVERVIEW

This project included Electrical Work, General Construction Work, Mechanical Work, and Demolition of the existing Chiller System. The new system utilized a Lake Water System (Lake Michigan) in place of a traditional Condenser Water System. Underground piping was required for the Lake Water System, which extends from the building out several feet into Lake Michigan. The underground piping was accomplished by drilling horizontally to install the pipe, rather than excavating and backfilling a trench.

PROJECT RESULTS

War Memorial facility was able to remain in operation for the duration of the project as a result of phasing and sequencing our work.

Underground piping was accomplished by drilling horizontally to install pipe.

A Lake Water System, using water from Lake Michigan, was utilized in place of a Condenser Water System, which gives the facility free cooling ability.

Owner:
Milwaukee County

Quote:
\$1,900,000

Date Completed:
Fall 2006



Lake Water Filtration System