



Naval Station Great Lakes Hospital



OWNER | Naval Facilities Engineering Command (NAVFAC)

LOCATION | Great Lakes, Illinois

FACILITY TYPE | Hospital

PROJECT BACKGROUND

Brandenburg was contracted to remove the 50-year old, 16-story Naval base hospital, including out buildings and tunnels which were part of the hospital complex. The project also required Brandenburg to restore the site to a grassed field and paved roads to resemble the surrounding street layout. All work occurred while the Naval base remained active.



Naval Station Great Lakes, located in Lake County, is home to the United States Navy's only boot camp. The base has 1,153 buildings situated on 1,628 acres with 50 miles of roadway to provide access to the base facilities.



In order to protect nearby structures that housed sensitive lab equipment, a vibration trench was installed to mitigate vibration created during the demolition.

Demolition was accomplished using mechanical methods, including a crane and wrecking ball, followed by a 984 excavator equipped with a hydraulic shear and several smaller excavators with various attachments.



The contract was completed with over 40,000 man-hours and sustained zero injuries. This project demonstrates Brandenburg's continual commitment to effective worksite safety and health.

SCOPE OF WORK

Structural demolition

Asbestos abatement

Universal waste removal

Hazardous material abatement

Underground storage tank removal

Utility reroutes and disconnections

Sanitary sewer pipe was installed as a reroute

Recycled non-hazardous building materials and equipment

Imported over 75,000 tons of clay as backfill in basement

Installed roads and sidewalks

Construction of underground utility tunnel and bulkhead