

# Radiology Renovations Phase I & II

## Cleveland, Ohio

### PROJECT FACTS

Owner: Department of Veteran Affairs, Wade Park  
Architect: Westlake Reed Leskosky  
Location: Cleveland, Ohio  
Construction Type: General Contractor  
Project Value: \$11.6 Million

Building Areas: Phase I - 11,526 SF  
Phase II - 18,995 SF  
Cost/SF: \$382  
Completion: Phase I - August 2012  
Phase II - June, 2014



### KEY FEATURES

The Phase I renovation project consisted of a 11,526 square foot addition to an existing building. Work was completed in a very tight area adjacent to the main drive and parking garage bridge. This two-story structure included a full basement for future shell space and one floor above grade. The space consisted of a waiting area, offices, restroom and two MRI rooms with control rooms, and entailed heavy electrical work to supply the MRI units and complete magnetic and RF shielding. We facilitated the installation of each MRI unit from two separate vendors in a phased project. Phase I opened for patients while we completed the work of the second MRI area.

A continuation of the Radiology Phase I project, Phase II completes the demolition of the existing dock facilities while adding an 18,995 SF structure to the facility. The basement offices are built out for Nuclear Medicine and the EMS departments which include lead lined walls for the protection barrier for two PET scan rooms. The first floor a new location of Mental Health department and a new Dietetics Suite.

The challenge of this project was the excavation for the basement level in sandy soil directly next to the existing facility. In order to install the new foundation and concrete retaining walls temporary shoring had to first be installed. H-piles secured with caissons were installed with wood lagging bridging between the piles to hold back the earth while the site was excavated.

Coordinating the excavation while maintaining traffic and safety requirements around an active hospital was a daily task. Through the diligence of the superintendent, the project was completed without incident.



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PROJECT REFERENCE:  
Mike Morgan  
VAMC - COTR  
216.791.2300 ext. 6129