

Columbia Business Center East Slip Sheet Pile Bulkhead Wall Vancouver, Washington



Client:

Columbia Business Center
Vancouver, Washington

Contract Value:

\$987,425

Project Timeline:

Started: March 2009

Completed: April 2009

Project Highlights:

- 250 LF sheet pile bulkhead
- 38 ea. Deadman piling
- 18 ea. 1"0 tiebacks
- 125 LF of concrete bulkhead cap beam
- 2 ea. Marker piling
- Demolition of existing wing wall piling & pre-cast concrete panels

This emergency rebuild was completed in 3 weeks, with a substantial completion in just 1 week. The rebuild was needed to replace the failing existing bulkhead. The bulkhead wall was needed to be utilized to load the new Hood Canal Bridge Sections. There were no other options to load these 1 Million pound bridge spans that were scheduled to load out at the only usable barge load out facility in the Columbia Business Center.

AAC was given the notice to proceed on a Friday evening at 7 pm. AAC mobilized all equipment and materials over the weekend and started driving sheet pile by Monday morning. AAC used 1 crane barge and 1 land based crawler crane to install the piles.

The job involved the demolition of existing wing wall piling and pre-cast concrete panels. Installation of 250 linear feet of sheet pile bulkhead wall and 38 deadman piling. 18 tiebacks, 125 linear feet concrete bulkhead cap beam and 2 24" marker piling.

