



**PROJECT TITLE:** Virginia Advanced Shipbuilding and Carrier Integration Facility Bulkhead  
**CONTRACT NO.:** 99-VASCIC-004 (P.O. #003405)  
**LOCATION:** Northrop Grumman Newport News, Newport News, Virginia  
**AWARD DATE:** December 1999      **COMPLETION DATE:** April 2001  
**FINAL VALUE:**     \$0-1 Mil     \$1-5 Mil     \$5-10 Mil     \$10-20 Mil  
                          \$20-30 Mil     \$30-40 Mil     \$40-50 Mil     \$50+ Mil  
**TYPE OF CONTRACT:**  Fixed Price       Cost Reimbursable

**PROJECT DESCRIPTION:**

The Virginia Advanced Shipbuilding and Carrier Integration (VASCIC) Facility was established in 1998 by the Commonwealth of Virginia's General Assembly. Located on the banks of the James River, VASCIC is comprised of a Technology Center, Research Center, and Waterfront Resources. Northrop Grumman Newport News manages the VASCIC facility with the intent of developing new technologies for aircraft carriers and advanced shipbuilding.



Standing steel sheet-piles for driving

Our contract included the installation of one thousand, four hundred linear feet (1,400') of a steel sheet-pile bulkhead (with a concrete cap and 143 earth anchors) for the Waterfront Resources. This project was completed on time.



New steel sheet-pile bulkhead with concrete cap