



# Charleston Naval Base Container Terminal, Phase 1-A

## NORTH CHARLESTON, SOUTH CAROLINA

This project was part of the overall plan to construct a new port facility on the south end of the former Charleston Naval Base in North Charleston. The construction of this facility was a portion of the modernization plan to increase the Port of Charleston overall capacity by 50 percent.

### PROJECT HIGHLIGHTS

- Cashman conducted hydraulic-access dredging of 900,000 cubic yards of material required for sheet pile wall installation.
- Transported dredged materials 8,000 linear feet for upland disposal.
- Installed 3,000 linear feet of king pile wall using 3-foot pipe pile.
- Constructed 2,000 linear feet of cantilevered pile.
- Furnished and installed 500,000 tons of crushed stone and armored rock against the king pile wall.
- Additional work items included clearing and grubbing, minor demolition work and excavation, storm drain systems installation, waterline fence relocation, and asphalt paving.

### CUSTOM SOLUTIONS

- Significantly improved production by placing crushed stone using a 3,000-cubic yard scow instead of using a crane bucket.
- A grid pattern for material placement was developed to ensure 100% coverage.

Location:	North Charleston, SC Jay
Contractor:	Cashman, Inc.
Contract Number:	CIFCRT202A
Contract Dates:	May 2009 - Dec. 2010
Dollar Value:	\$44.0 million
Awarding Authority / Owner:	South Carolina State Ports Authority (SCSPA)
Project Engineers / Managers:	Parsons Brinckerhoff / Moffat & Nichol

