



Charleston Naval Base Container, Phase I-B

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. Cashman completed the second phase of construction for a new container terminal at the Port of Charleston, South Carolina. This work was a portion of the overall modernization plan to increase the Port of Charleston capacity by 50 percent.

PROJECT HIGHLIGHTS

- Excavated and transported ~2 million cubic yards of course sand from the dredge disposal cells at Daniel Island Confined Disposal facility ~2 miles from the jobsite across the Cooper River.
- Placed ~540,000 cubic yards of sand in the tidal area behind the existing 5,000-foot containment structure, forming an 80-foot-wide dike.
- Placed 1.3 million cubic yards of sand in the future container storage area as surcharge material.
- Furnished, delivered via barge, and placed 106,000 tons of underlayer stone and 100,000 tons of granite armor stone for stone dike construction.
- Installed ~5.5 million linear feet of wick drains in the upland area.

CUSTOM SOLUTIONS

- A custom conveyor system arrived on site near the start of the project, which was assembled on barges to load sand materials from Daniel Island.

Location:	North Charleston, SC
Contractor:	Jay Cashman, Inc.
Contract Number:	CIF-CRT-202B
Contract Dates:	Mar. 2012 - Apr. 2016
Dollar Value:	\$42.7 million
Awarding Authority / Owner:	South Carolina State Ports Authority (SCSPA)
Project Engineers / Managers:	Parsons Brinckerhoff / Moffat & Nichol

