



Center Wharf Expansion, Military Ocean Terminal, Phase 1

SUNNY POINT, NORTH CAROLINA

This project supported the expansion of the Center Wharf at the Military Ocean Terminal at Sunny Point (MOTSU), and the upgrade of overall facilities. MOTSU is the largest ammunition distribution facility in the nation and the Army's primary East Coast deepwater port.

The result of the expansion and modernization improvements increased the speed and volume of ammunition that can be moved through the port, simultaneously reducing the amount of time ships spend berthed at the port. Ground was broken in October 2008 and stayed on track despite unique challenges. Don Parker, deputy commander of the 596th Transportation Brigade and MOTSU, said, "Cashman-Republic has done an outstanding job keeping the project on or ahead of schedule."

PROJECT HIGHLIGHTS

- Pier expanded 93,000 square feet in a 2-year period.
- Significant demolition of an existing structure was required.
- Over 1,500 24-square inch piles driven in a 9-month period.
- Piles were 65 feet in length, composed of steel & concrete.
- Installation of rail to support three 80-long-ton-rated post-Panamax gantry cranes to handle containerized cargo and allow simultaneous loading of multiple ships.
- Installation of 4,000 linear feet of new seaside CIP beam.
- Concrete crane beam / slab installed waterside (7,000 CY) and landside (7,000 CY).
- Construction of a 3,000-SF 2-story superstructure atop the pile-supported deck.
- Installed fenders/bollards rated for post-Panamax cargo ships.

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| Location: | Sunny Point (Southport), NC |
| Contractor: | Cashman-Republic JV (Cashman 50% Owner) |
| Contract Dates: | July 2008 - Oct. 2010 |
| Dollar Value: | \$56 million |
| Awarding Authority /Owner: | U.S. Army Corps of Engineers, Wilmington District |

