



SHIPYARD RIVER DOCK AND TERMINAL EXPANSION

CLIENT - Kinder Morgan
LOCATION - Charleston, SC
COMPLETED - 2007

DESCRIPTION

Matrix PDM Engineering provided preliminary and final design for the handling of granulated and prilled urea, potash, CAN, and GTSP at the Shipyard River Terminal. The design included material handling facilities to receive product by vessel conveyed to the storage warehouse and shipping by rail cars and trucks.

Additionally, Matrix PDM Engineering transformed the original Shipyard River Terminal (SRT) berth known as Dock #1 into one of the most efficient cement facilities in the world. Six months later, construction began on Dock #2 and its related infrastructure and components.

PRINCIPAL FEATURES

- Fuel product outdoor storage piles created by a series of stacking tubes and radial stackers
- Tunnel reclaim system comprised of a series of variable feed vibrating feeders
- New unit train loading station capable of loading a train in less than eight hours
- Covered truck/rail loading, using front end loaders
- Existing dock modified and lengthened to receive Panamax-size vessels
- Worked with the client to provide an economic feasibility study, preliminary and final engineering and construction management for the expansion of dock #2

FOR MORE INFORMATION:
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