



Cement Import and Distribution Terminal

CLIENT - Kinder Morgan Bulk Terminals

LOCATION - Charleston, SC

DESCRIPTION

Matrix PDM provided full service engineering for the construction of a new world-class import and distribution terminal at the Shipyard River Terminal (SRT).

Matrix PDM provided a preliminary assessment of the infrastructure improvements to upgrade the SRT facility to one of the largest facilities of its kind at the time.

The deep-water facility is capable of accommodating 65,000 ton ships and has a capacity of 1.8 mtpa. The installed Siwertell ship unloader allows vessels to efficiently discharge at high rates, with peak rates attaining 1,250 mtp.

WORK SCOPE

- Transformed SRT to handle clinker, cement and gypsum with minimal impact on day to day operations
- Executed every aspect of the project within a fourteen month design to commissioning schedule
- Provided capability to load three trucks and one rail car simultaneously
- Modified existing dock structure to accommodate the ship unloader and Panamax size vessels
- Installed CamSpan gallery conveyors with a continuous opening in the dock-side conveyor gallery to allow the ship unloader to discharge cement onto the belt conveyor at any point along the belt
- Installed dome reclaimers to deliver cement from the two new domes at 900 mtp
- Managed separate budgets, schedules, bidding, negotiation, letting and administration of seven major construction contracts and over 40 major equipment purchase orders

FOR MORE INFORMATION:

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