



Rail to Truck Cement Storage Distribution

CLIENT - Grupo Cementos de Chihuahua (GCC)

LOCATION - Brookings, SD

COMPLETED - 2006

DESCRIPTION

Matrix PDM engineered rail to truck cement storage expansions at GCC 's Brookings cement distribution terminal.

To increase the storage capacity to 30,000t. Engineering services included electrical, mechanical and structural design.

PRINCIPAL FEATURES

- Worked with GCC for project feasibility studies to determine the most effective method for improving facility operations
- Dealt with flooding challenges and raised the dome floor approximately 10 feet and the reclaim tower 25 feet
- Imported 10,600 yd³ of structural fill at Brookings
- Reutilized the removal clay and top soil from Irondale facility as capping layers outside the storage dome at Brookings
- Provided site construction observation services
- Replacement of existing receiving screw conveyors with 400 tph air gravity conveyors
- Replacement of existing receiving bucket elevator with a new one and extension of pit

FOR MORE INFORMATION:

matrixpdm.com | 866 367 6879



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