

BIN-TYPE RETAINING WALL

Case Study

Owner

TransAlta Energy Corp

Design

Associated Engineering

Installation

Voice Construction Ltd.

Location

Suncor: North of Fort
McMurray, Alberta



Another Innovative Solution From Armtec

The main facility at Suncor Energy process plant requires a lot of power. Constructed in 2006 these massive galvanized gravity walls are the staging pad book ends for the Trans Alta Energy Sub Station Electrical Protection Project. The two Armtec Bin-Walls span approximately 110 metres long x 8 metres high and act to retain the soil at the sub station pad.

ARMTEC BIN-WALL is a galvanized steel retaining wall in which an earth mass inside the bin acts as a gravity wall and steel members hold the earth mass intact.

Bin-Wall has been used for retaining walls, bridge abutments, wing walls, boat docks, solid waste transfer units and loading ramps since 1934.

ARMTEC BIN-WALL was chosen for this project because:

- Proven track record for fast assembly
- Overall cost savings during assembly and installation
- Experienced field support by an Armtec representative



Case History



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