



# Bin-Walls Used For Soil Retention at Suncor Energy Station

**OWNER**  
**ENGINEER**  
**LOCATION**

TransAtla Energy Corp.  
Associated Engineering & Voice Construction Ltd.  
Suncor Facilities, Fort McMurray, AB

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 substation pad.

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.



## 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

## TECHNICAL DETAILS

- Two Armtec Bin-Walls that span approximately 110 metres long x 8 metres high

**Find out how Bin-Wall can be used on your next project.  
Contact us today!**