



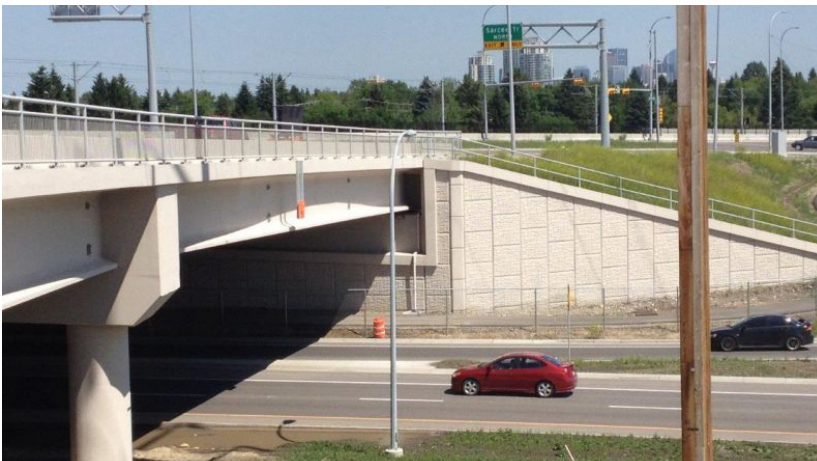
Atlantic Industries Limited

PROJECT PROFILE



Versatile MSE Retaining Walls show their stuff in Calgary West LRT project

AIL's MSE Retaining Wall System and our in-house engineering team demonstrated their versatility in support of the new 8-km LRT line that connects Calgary's downtown core with communities to the west.



Project at a glance:

Project Name: Calgary West LRT Walls and Abutments

Location: Calgary, AB

Owner: City of Calgary

Engineer/ Contractor: SLG Joint Venture
[SNC-Lavalin Constructors (Western) Inc. and
Graham Construction]

Product: MSE Retaining Wall System
(Precast Panel and Wire Faced)

Application: Retaining Walls and Abutments
for Elevated LRT Line

Dimensions (Area): Approximately
2000 square metres

Design Parameters: 100 year design life



Atlantic Industries Limited

PROJECT PROFILE

Adapting to change in design-build projects

Mid-install design changes are characteristic of design-build projects and this project was no different. In addition to the original project quadrupling in size, a number of requirements changed mid-install, such as new barrier/bridge loads, elevations and backfills. We worked diligently with our design-build partners (SLG Joint Venture) to react quickly with solutions to keep the project moving.

Product versatility

The project included an LRT approach retaining wall, LRT/roadway bridge abutments with integrated stairways, stand-alone retaining walls and a two-stage wall with cast-in-place face for a pedestrian bridge crossing Bow Trail. Most walls featured Precast Panels with Ashlar Stone Texture and the others had our wire wall system with connections for cast-in-place concrete.

The AIL “Added Value Factor”

SLG’s original scope of work was for about 500 square metres of MSE walls. However, after working together and AIL proving its partnership value through provision of excellent on-site technical expertise and in-house engineering support, SLG increased the scope of work by an additional 1500 square metres.

[See all Project Profiles on ail.ca](http://ail.ca)



Head Office:

32 York Street
Sackville, New Brunswick
Canada E4L 4R4
1-877-245-7473



Atlantic Industries Limited

ail.ca