



Atlantic Industries Limited

PROJECT PROFILE



Nimble AIL Sound Walls quiet a multi-purpose rail corridor

In Port Moody, British Columbia, the Klahanie Strata Council was concerned that the addition of the Evergreen Line LRT service to an existing CP Rail corridor would create even more unwanted noise for the property owners it represents. The AIL Sound Walls team consulted with the Council to come up with an effective sound mitigation solution that would be acceptable to both the Council and the BC Ministry of Transportation and Infrastructure.



Project at a glance:

Project Name: Evergreen Line Rapid Transit Project – Klahanie Acoustic Wall

Location: Port Moody, BC

Owner: British Columbia Ministry of Transportation and Infrastructure

Engineer: Hatch Mott MacDonald

Contractor: CLCS

Product: AIL Sound Walls, Silent-Protector (Absorptive)

Application: Rail Line Sound Barrier

Dimensions: 4 m Tall, 169 m Long

Installation Time: Two to three weeks, around storm interruptions



Atlantic Industries Limited

PROJECT PROFILE

Minimal impact on properties and trees

While the neighbouring property owners were very pleased with the performance of the new Silent Protector (Absorptive) sound barrier, they were also very happy with the relative lighter impact the installation had on their properties and trees.

The nimble nature and design flexibility of our lightweight PVC wall system with smaller footings, allowed for less excavation and some precise positioning and deft deviations around some of their valued, mature trees along this 169 m route.



Wall withstands major windstorm during construction

With our wall partially installed, the worst storm in more than a decade hit southwestern BC. This caused severe damage to many homes and trees, knocking out power to half a million people for days. On returning to the site after the storm, there was no damage to our wall and it performed as it was designed to.

Silent Protector protects against unwanted sound

Constructed with acoustical mineral wool, AIL's Silent Protector sound barrier wall system provides optimum performance. Our turn-key solutions include: engineering, manufacturing, project management and site assistance.



[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