

November 13, 2019

## Firefighters' new noise barrier reduces rail noise and allows for peaceful sleep

The City of Vaughan's new Fire/Rescue Station #7-4 was built next to a CPR line and the emergency workers' living/sleeping quarters were impacted by unwanted noise from passing trains. An effective sound mitigation solution was needed.



### Project at a glance:

**Name:** Vaughan Fire Rescue Station #7-4

**Location:** Vaughan, Ontario

**Owner:** City of Vaughan

**Landscape Architect:** Thomas Brown Architects Inc.

**Contractor:** Bondfield Construction

**Product:** Silent Protector (Absorptive)

**Sector:** Municipal, Railway

**Application:** Railway Sound Barrier Walls

**Dimensions:** Height 2.9 m, Length 30 m

**Installation Time:** One week





## Project Profile

The station was designed to meet heritage guidelines established by the Kleinburg-Nashville Heritage Conservation District Study and blend in with the existing community, so the landscape designers at Thomas Brown Architects were looking for a sound barrier that would also suit the existing streetscape.

An AIL Sound Walls solution was specified, as it met both the criteria for noise reduction and the heritage guidelines' aesthetics.

**AIL Sound Wall systems are known for their pleasing aesthetics**

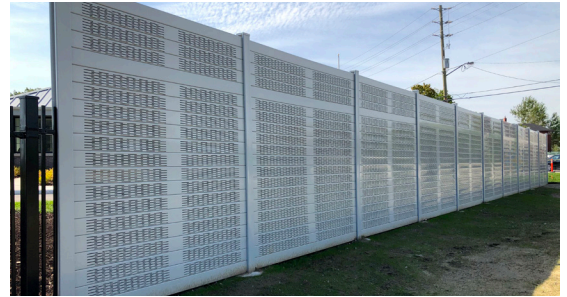
AIL Sound Walls are available in a variety of attractive colors and wood grain textured finishes. Custom colors are also available as a special order. In addition to the colored PVC panels, we also offer matching post covers and caps to enhance their design aesthetics.

Delays in the broader station construction project kept the sound barrier project at a standstill for a period of time during our design phase, but once the project was approved for fabrication, everything was needed on a tight timeline.

We kept our production on time and on budget by ensuring there was an open line of communication between the AIL Sound Walls team and the contractor, Bondfield Construction, throughout the approval stage. This guaranteed we were prepared for the rush once formal approval was given to proceed with the fabrication.

We were able to react quickly and expedite fabrication to ensure the installation schedule was met. We received very positive post-project feedback from Bondfield.

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1-866-231-7867  
[info@ailsoundwalls.com](mailto:info@ailsoundwalls.com)  
[ailsoundwalls.com](https://ailsoundwalls.com)