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AIL Sound Walls land at Billy Bishop Airport with Silent Protector airport noise barriers

The Billy Bishop Toronto City Airport is well-known to travelers who need to get places in a hurry. Located in the downtown core on Toronto Island, the airport falls under the jurisdiction of the Toronto Port Authority (TPA). Together, they work hard to ensure that they are good neighbors with the Island's residents and its environment. Initiatives include the use of Bullfrog Power in all facilities, developing fish habitats and managing noise sources.



Project at a glance:

Name: Billy Bishop Toronto City Airport

Location: Toronto Island

Owner: Toronto Port Authority

General Contractor: MN Dynamic Construction Ltd.

Subcontractor: Powell Contracting

Product: Silent-Protector

Sector: Municipal

Application: Aircraft Noise Walls

Dimensions: Length 85 m, Height 6 m

Installation Time: Seven days total (four days for foundation work, three days for wall erection)

Noise management is an environmental commitment

Managing airport noise is a key part of the TPA's commitment to the environment, with several studies commissioned and programs developed to make sure that the airport's noise is mitigated.

Environmentally friendly AIL Sound Walls align with client's positioning

Naturally, environmentally friendly AIL Sound Walls were a good fit with the TPA on this project:

- Highest percentage of recycled material
- Minimized water consumption in manufacturing
- Optimized shipping for reduced CO2 emissions
- Supports LEED Points for Green Building

Airport noise reduction accomplished with absorptive sound barriers

Economical, lightweight and easy to install, AIL Sound Walls were selected to help mitigate noise from aircraft taxiing between the runway and the terminal. Using our Silent Protector Absorptive Sound Wall System, an 85 m long x 6 m high sound barrier was delivered and installed within seven days, four of which were for the foundation work. The island site had poor foundation soils, so a continuous concrete (88 m x 2 m x 2 m) footing was poured to bolt the wall too.

Close communication and AIL site assistance ensured the project's success and the project manager was pleased with the outcome.

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