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AIL Sound Walls quiet MARTA's reconfigured CNG bus refueling station

In an effort to reduce emissions, the Metropolitan Atlanta Rapid Transit Authority (MARTA) has been replacing its old diesel fleet with new compressed natural gas (CNG) buses. That initiative also involves reconfiguring their refueling stations, like this one at their Hamilton Boulevard facility at the southern reaches of their network. However, CNG facilities can be noisy, and an effective sound mitigation solution was required.



Project at a glance:

Name: Hamilton CNG Yard

Location: Atlanta, GA

Owner: Metropolitan Atlanta Rapid Transit Authority (MARTA)

Design and Engineering: MARTA

Contractor: ArtUSA Noise Control Products

Products: Silent Protector (Absorptive), Tuf-Barrier (Reflective)

Sectors: Municipal, Industrial

Application: Equipment Enclosure

Dimensions: 92.8' long x 15' high

Installation Time: About one week

Our second noise barrier wall project with MARTA

Recalling our previous experience with a large rooftop sound barrier wall installation for MARTA's Peachtree Center LRT Station in downtown Atlanta, the project team looked no further than AIL Sound Walls for this solution.

Like Peachtree, aesthetics and design versatility were also a huge priority here. In this case, the large equipment surround had to nimbly fit alongside the CNG equipment, marry up into an existing architectural-concrete-block building, tuck in under a large canopy, include access doors — and look darn good while doing it!

Equipment enclosure used both of our sound barrier wall systems

This two-sided equipment enclosure was a bit unique in that it used both of our systems — Silent Protector (Absorptive) and Tuf-Barrier (Reflective).

The project had a tight schedule, so we pushed our manufacturing teams to ensure we could provide everything on time. ArtUSA Noise Control Products, our long-time installation partner based in Atlanta, handled the installation. It all came together quite well and the sound barrier wall blends in very nicely with the adjoining building and the canopy.

We've received nothing but positive feedback from MARTA to date, and we recently offered a Lunch-and-Learn information session for their team.

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