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North Carolina Walmart selects AIL Sound Walls to install sound barriers

Impressed with our track record on previous sound barriers for several Walmarts, the developer and engineer on this Wilmington, NC, project also chose AIL Sound Walls for its perimeter barrier along a residential neighborhood. They knew that Walmart had issues with concrete and metal walls failing in the past and now preferred a synthetic, maintenance-free and long-lasting barrier system like ours.



Project at a glance:

Name: Bayshore Commons, Walmart Sound Barrier

Location: Wilmington, NC

Owner: Paramount Development Corporation

Owner: Walmart

Engineer: Gray Engineering Consultants

Contractor: Tricor Construction

Product: Tuf-Barrier (Reflective)

Sector: Commercial

Application: Perimeter Barrier

Dimensions: 10' tall, 580' long

Installation Time: Two weeks

Wanting to be a good neighbor, Walmart had pushed for a sound barrier around their 24-7 super store from the outset. We worked closely with the developer and engineer to provide an effective and aesthetically pleasing sound barrier that both Walmart and the local residents would be happy with.

We assisted the engineer on the front end of the project to detail the foundations so the project was properly bid from the outset. At the contractor's request, we designed a direct-bury install to increase their installation speed and keep the project on schedule and under budget.

Design flexibility is built into our Tuf-Barrier noise control wall

Coastal North Carolina is prone to hurricanes, so we built in suitable reinforcement for that inevitability. We also integrated two sets of large double gates into the 580' barrier. Because our panels are so lightweight, doors and gates like these can be made from the same material for a consistent look with the overall wall.

The wall has been installed for nearly a year now, with dozens of trucks using the rear cargo bays day and night, and they've yet to receive any noise complaints from the local residents.



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