



May 25, 2016

Florida development installs highway noise barrier to protect residents

A leading national homebuilder, M/I Homes, recently selected AIL Sound Walls for a sound barrier wall to protect residents of their new Creekwood Townhomes community from the unwanted noise emanating from the adjacent Interstate, near Bradenton, Florida.



Project at a glance:

Name: M/I Homes - Creekwood Townhomes

Location: Bradenton, FL

Owner: M/I Homes

Acoustic Engineer: Siebein Associates, Inc.

Contractor: CRS Building Corp.

Product: Tuf-Barrier (Reflective)

Sector: Residential Development

Application: Highway sound barrier for residential development

Dimensions: Height 14', Length 865'

Installation Time: Three weeks



And they selected AIL Sound Walls over concrete for all the right reasons:

- **Easy to install:** Our system was easy to install in their narrow working area near trees that they hoped to preserve.
- **Lightweight and flexible:** Our system could adapt to the specific needs of Florida's high water table and high wind loads.
- **Acoustic performance:** The Sound Transmission Class 31 of our Tuf-Barrier reflective panels gave them the results they needed.
- **Durable, maintenance-free aesthetics:** Our attractive PVC panels are available in a variety of colors and will withstand the elements for decades of service.



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Custom, shallow foundation system allows for highway sound walls installation

Florida's high wind loads and the high water table at this site presented additional challenges for our engineering team to overcome. We worked closely with the owner and contractor to develop a shallow foundation system that was both cost-effective and structurally sound enough to deal with both issues.

We also worked with the owner to provide everything required for permitting by the County. Fast fabrication, production and delivery lead times kept their project on schedule and allowed them to start selling homes sooner.

We recently met with the owner and they are very happy with their finished barrier and its acoustic performance. It's also received a lot of interest from passers-by, as it has an enhanced aesthetic over the concrete walls they usually see.