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New highway sound barrier reduces traffic noise for Louisville residents

By the sound of it, all parties are happy with a new Tuf-Barrier (Reflective) sound barrier wall system along a stretch of the I-264 in Louisville, as part of a Kentucky Transportation Cabinet upgrade.

- **Neighboring residents are happy** they can enjoy their yards, decks and patios.
- **Motorists are happy** it was installed very quickly with limited traffic interruption.
- **The contractor is happy** it was so easy to install with light equipment.
- **The owner is so happy** that they used AIL Sound Walls on another I-264 project.
- **AIL Sound Walls is just happy** that all of the above are happy.

Project at a glance:

Name: I-264 at Breckenridge Lane to I-64 - Lightweight Sound Barrier

Location: Louisville, KY

Owner/ Engineer: Kentucky Transportation Cabinet - District #5

General Contractor: Louisville Paving

Sub-contractor: Civil Constructors

Product: AIL Sound Walls, Tuf-Barrier (Reflective)

Application: Lightweight, structure-mounted sound barrier wall

Dimensions: 6'-10' tall x 2,100' long

Installation Time: Three weeks

All of this happiness didn't just happen by mere happenstance. It all relates back to the amazing benefits of this lightweight PVC system that are quickly stacking up against its heavier and less durable competitors.

Noise barrier was mounted onto existing concrete barriers

This project had existing concrete barriers that were not designed to carry the heavy loads of a traditional precast concrete sound barrier system. Our lightweight Tuf-Barrier system was preferred as it added minimal load to the existing barrier and avoided the expense and hassle of replacement. We designed a cost-effective attachment to connect our posts to it.

AIL Sound Walls are fulfilling a growing need in structure-mounted applications for a quality lightweight system that's easily mounted to existing barriers, bridges and MSE retaining walls.

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