

PROJECT SCOPE

The Metrorail Acoustical Barrier Replacement Program consists of the removal and installation of acoustical hardware along the Metrorail guideway where the original barriers were installed shortly after the Metrorail opening in 1984. All work is being performed on an electrified, elevated guideway system at night and some weekends.

SCAN FOR MORE
INFORMATION



CONTACT US



Contact the program's
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Miamiidade.gov/acousticalbarriers

METRORAIL ACOUSTICAL

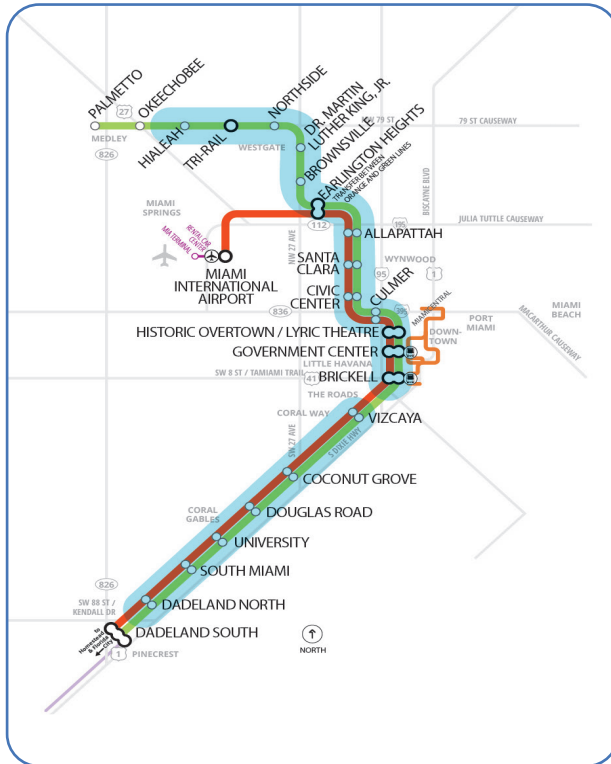
BARRIER REPLACEMENT PROGRAM



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FEEDBACK



PROGRAM AREA MAP



= PHASE 3 – Acoustical Barrier Replacement Program*

PROGRAM BACKGROUND

In 2019, the Department of Transportation and Public Works (DTPW) launched a three-phase acoustical barrier replacement program. The first two phases of the program involved the removal of type “B” barriers.

In January 2021, DTPW entered phase 3 of the program which entails the installation of acoustical panels in the areas where original concrete barriers have been removed. The \$83.5 million project is expected to be finished by December 2024.

The new barriers are intended to abate sound/noise produced by passing trains reducing its propagation to adjacent properties.

PROGRAM EXPANSION

In December 2023, DTPW received approval from the Board of County Commissioners to expand the scope of work to include the replacement of 100% of the existing acoustical barrier inventory. These additional portions of the project area are scheduled for completion by August 2025.

FAQ'S

1. What are some other benefits of the Acoustical Barrier Replacement Program?

The acoustical panels will create a consistent, modern, and aesthetically pleasing look as well as meet current safety and wind load standards.

2. Where are the panels being installed?

The new acoustical panels are being installed along the Metrorail system, except for the Airport and Palmetto extensions as well as other isolated areas.

3. Are the new acoustical panels being installed throughout the entire Metrorail system?

The brand new state-of-the-art acoustical panels are only being installed where the original concrete and metal barriers were installed shortly after the original system opened in 1984.

FUN FACTS



• **176 miles** of acoustical panel will be installed on the Metrorail guideway which is equivalent to the distance between South Beach and the Hard Rock Stadium.



• 93,000 LF of bracket were removed equaling **581,650 pounds** or the weight of a **747 Airplane**.



• This is equal to approximately **4 miles** or **11 times** the height of the Freedom Tower.

PROJECT INFORMATION

[MiamiDade.gov/acousticalbarrier](https://miamidade.gov/acousticalbarrier)
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