

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.

PROJECT FUNDING

The total investment of both Phase 3 and the Supplemental Program is approximately \$100 million. This project is 100% funded by the People's Transportation Plan (PTP) which is administrated by The Citizens' Independent Transportation Trust (CITT).



SCAN FOR MORE INFORMATION



CONTACT US



Contact the program's
Public Information Officer at:

(786) 409-5548

sbrand@305consult.com

MiamiDade.gov/acousticalbarriers

METRO RAIL ACOUSTICAL

BARRIER REPLACEMENT PROGRAM



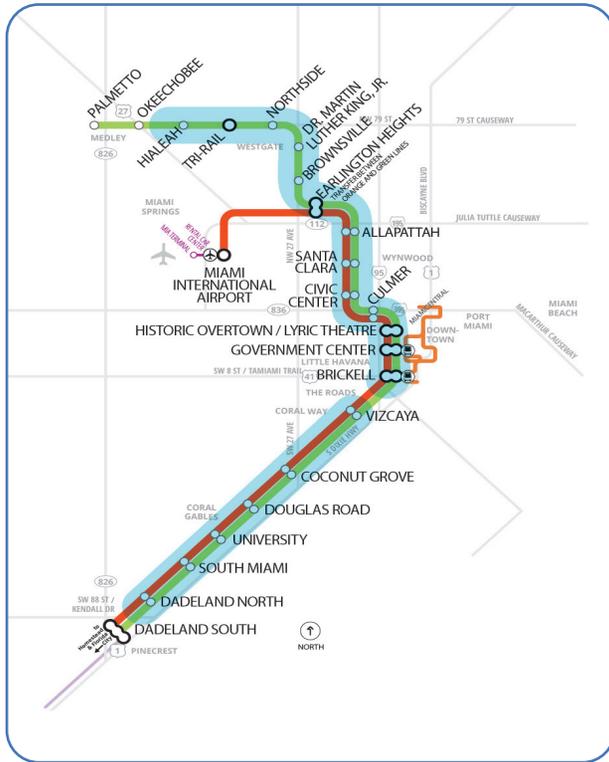
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MIAMI DADE
COUNTY

4th Edition - July 2025



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 original concrete and metal barrier that had exceeded its useful life.

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 early Summer 2025.

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 remaining original barrier inventory. These additional portions of the project area are scheduled for completion by Summer 2025.

FAQ'S

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

The acoustical panels have created a consistent, modern, and aesthetically pleasing look as well as meeting current safety and wind load standards.

2. Where are the panels being installed?

Since this is a replacement project, the new panels are being installed where the original concrete and metal barriers were situated shortly after the system first opened in 1984.

FUN FACTS



• **176 miles** of acoustical panel will be installed on the Metrorail guideway—yep, that's the same distance as a stroll from South Beach to the Hard Rock Stadium.



• We've removed 93,000 LF of bracket, weighing in at **561,650 pounds**, or as we like to call it, the weight of a **747 airplane**.



• That's about **4 miles** or **11 times** the height of the Freedom Tower.



• The new acoustical barriers are a featherweight at just over **100 pounds**, about the size of a **large dog**, while the original concrete panels were hefty at 1,200 pounds—equivalent to two small cars.

PROJECT INFORMATION

Miamidade.gov/acousticalbarrier
(786) 409-5548
sbrand@305consult.com

PROJECT MANAGEMENT TEAM

Stacy L. Miller, P.E. • DTPW, Director and CEO
Josiel Ferrer-Diaz, P.E. • DTPW Deputy Director & Project Executive Sponsor
German A. Arenes-Oliva, M.S., P.E., C.B.I. • DTPW Assistant Director Capital Programs Office / Project Director

CONTRACTOR TEAM

Halley Engineering Contractors
Maytin – Construction Company
CEI TEAM
305 Consulting Engineers, LLC

FUNDING PARTNERS

The Citizens' Independent Transportation Trust (CITT)
Robert Wolfarth • CITT's Chair
Javier A. Betancourt • CITT Executive Director

