

FACT SHEET

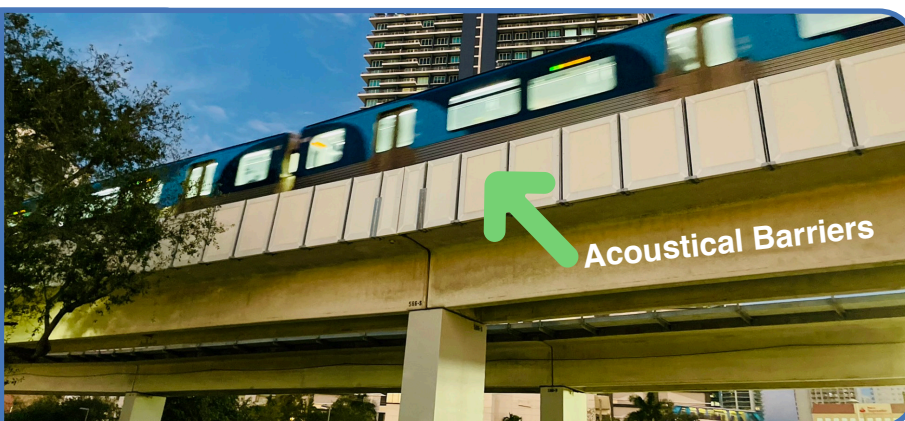
SCOPE

PHASE 3 – The Metrorail Acoustical Barrier Replacement Program consists of the removal and installation of acoustical hardware along the Metrorail where the original barriers were installed shortly after the Metrorail opening in 1984. All work is being performed on an electrified and elevated guideway system mostly at night and some weekends.

SUPPLEMENTAL PROGRAM – In December 2023, the Department of Transportation and Public Works (DTPW) received approval from the Board of County Commissioners (BCC) to expand the scope of work to include the replacement of 100% of the remaining acoustical barrier inventory. Upon completion, all sound barrier walls that were previously installed in the 1980's will be replaced by the brand-new acoustical barrier system that incorporates the latest industry leading technologies.

WHAT ARE ACOUSTICAL BARRIERS?

As related to Miami Metrorail's elevated guideway structure, an acoustical barrier system is an element that is installed along the edge of guideway to abate sound/noise produced by a passing train therefore avoiding its propagation to adjacent properties.



PROJECTED COMPLETION DATE

PHASE 3 – Spring 2025.
SUPPLEMENTAL PROGRAM – August 2025.

GOAL

To remove and replace all existing barriers that were installed after the Metrorail System opened in 1984. These barriers were made of concrete and metal. The newly designed, state-of-the-art acoustical barrier system is supported by a sturdy metal post providing a higher level of stability. They are also six times lighter than the concrete panel counterpart. This makes installation, maintenance, and replacement a breeze. The new acoustical barriers carry a more aesthetically pleasing and industrial look. Their presence greatly modernizes each Metrorail Station. They also meet current safety and wind load standards.

LOCATION

The program spans throughout most of the existing elevated Metrorail guideway.

INVESTMENT

The total investment of both Phase 3 and the Supplemental Program is approximately \$100 million.