



AVIATION



HIGHWAY



MARINE



RAILROAD



PIPELINE

Approved: April 29, 2022

Preliminary Report: RRD22LR008

This is preliminary information, subject to change, and may contain errors. Any errors in this report will be corrected when the final report has been completed.

Massachusetts Bay Transportation Authority

Passenger Fatality

Boston, Massachusetts

April 10, 2022

On April 10, 2022, about 12:30 a.m. local time, a Massachusetts Bay Transportation Authority (MBTA) passenger was fatally injured at the Broadway Station in Boston, Massachusetts. Surveillance video reviewed by National Transportation Safety Board (NTSB) investigators showed that the passenger attempted to exit the six-car train through the side passenger door of the railcar they were riding in as the train doors were closing. In the attempt to exit the train, the passenger's right arm was trapped in the door. The train departed the station, dragging the passenger along the platform about 105 feet and onto the surface below, near the tracks.

MBTA trains are designed and equipped with safety features to prevent them from moving when the passenger doors are obstructed. NTSB investigators examined and tested the railcar involved after the accident, identifying a fault in a local door control system that enabled the train to move with the door obstructed. ([See figure.](#)) The MBTA immediately initiated a fleet inspection looking for the identified fault in other railcars to prevent reoccurrence. The MBTA reported that no other similar faults were found during the inspection.



Figure. Red line train during postaccident examination and testing.

While on scene, NTSB investigators examined and tested the train equipment, reviewed security footage, observed MBTA train operations, conducted interviews, and performed sight distance observations. The NTSB's investigation is ongoing. Future investigative activity will focus on the MBTA's passenger train equipment and operating procedures.

Parties to this NTSB investigation include the MBTA, the Massachusetts Department of Public Utilities, the Federal Transit Administration, and the Boston Carmen's Union.