



WMSC Inspection Report 20260625

ISSUED 6/29/2026

Inspection Details

Title: Arlington Escalator Water Ingress Inspection (C0199)

Location: Arlington Cemetery (C06)

Date of Inspection: 6/25/26

Time of Inspection: 12:00pm to 1:00pm

Announced (via email to Director Elevator Escalator Maintenance on 6/23/26)

Risk-Based (Corrective Action Plan)

Functional Area: Escalators, Stations

Hazard Rating: 4C

Overview

On June 25, 2026, a WMSC inspector carried out a risk-based inspection at Arlington Cemetery Station (C06).

This is a risk-based inspection based on the Corrective Action Plan (CAP) C0199. This an open CAP based on finding 1 from the [2022 Audit of Station Maintenance, Elevators, and Escalators](#). Finding 1 states, "Metrorail has not developed and implemented a comprehensive water intrusion and remediation program covering stations, elevators and escalators, which contributes to damage and deterioration of structures and other assets, to electrical hazards and to other safety risks."

For CAP C0199, Metrorail categorized by priority the elevators and escalators suffering from water intrusion. The C06X01 and C06X02 escalators, at Arlington Cemetery Station (C06), are one of two locations that Metrorail rated as highest priority for mitigation due to the significant water intrusion. The goal of this inspection was to reinspect this location to assess the state of water intrusion.

At 12:00pm a WMSC inspector met with representatives of Metrorail's Safety Department (SAFE) as well as an Elevator and Escalator (ELES) representative at Arlington Cemetery Station (C06) to view the condition of the pits for escalators C06X01 and C06X02.

After concluding the inspection, WMSC Inspectors conducted a debrief with the onsite representatives of SAFE and ELES in accordance with Program Standard Section 6.F.1.



Defects and Corrective Actions

WMSC Inspections identify safety issues that may be classified as defects, findings, or recommendations. Findings and recommendations are defined by Program Standard Section 5.E.2 and 5.E.3, respectively. Ordinarily, issues identified in a WMSC inspection report are classified as defects. Defects are specific safety issues of non-conformance/non-compliance that are identified, and that require remedial action.

This inspection did not identify any additional findings or additional recommendations and therefore does not require a new WMSC Corrective Action Plan in accordance with Program Standard Section 5.E.4.

Defect Observations and Determinations

C06X01 and C06X02 are two parallel escalators from street level to the mezzanine at Arlington Cemetery Station (C06).



Photo 1: Escalators C06X01 C06X02.

Observation 1

The ELES technician barricaded and opened one escalator pit at a time. WMSC Inspector did not observe significant water intrusion in either escalator pit.



Photos



Photo 2: C06X01 escalator pit.



Photo 3: C06X02 escalator pit.



Observation 2

The technician showed the WMSC inspector the water sensors in the escalator pits that disable the escalators when the water level in the pit reaches a critical level. These sensors were currently well above the water level in the pit.

Observation 3

Both escalators were fully functional and showed no irregular behavior. The hardware in both pits appeared to be in good condition with no corrosion and no indications of water damage or intrusion.

Observation 4

In the pit for C06X02, the limit switch to disable the escalator while the pit is open was bypassed with tape. The WMSC requests Metrorail to conduct a review on the practice of bypassing the limit switches with tape in the escalator pits during preventative maintenance. Additionally, Metrorail should check this asset to ensure the tape was removed before the decking was turned back on.

Photos



Photo 4: Limit switch in C06X02 pit.



Next Steps

Please respond **by Thursday, July 2, 2026**, to acknowledge receipt and to convey responses to the WMSC regarding what, if any, actions will be or have been taken in response.