



# WMSC Inspection Report 20250115B

ISSUED 1/21/2025

## Inspection Details

Title: Observation of 7K Series 6 Year SMP Overhaul Process at Dulles

Location: Dulles Yard Service and Inspection Shop

Date of Inspection: 1/15/2025

Time of Inspection: 8:00am to 11:30am

Unannounced

Non-Risk Based

Vehicles

## Overview

On January 15, 2025, a Washington Metrorail Safety Commission (WMSC) inspector visited the Dulles Service and Inspection (S&I) Shop at the Dulles Rail Yard to observe the compliance with Metrorail's 7000 Series railcar Scheduled Maintenance Program (SMP).

WMSC inspector met with personnel from the Car Maintenance (CMNT) Inspection Office, Truck Shop, Project Management Oversight (PMO), Scheduled Maintenance Program (SMP), and the Wheel Replacement Program (WRP). After conclusion of the inspection, the inspector conducted a debrief with Superintendent, Jeff Hurt, 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 findings or recommendations and therefore does not require a WMSC Corrective Action Plan in accordance with Program Standard Section 5.E.4.



### Observation 1

The role of the Dulles Service and Inspection shop in the 7000 series Scheduled Maintenance Program (SMP) is to overhaul the vehicles' trucks. WMSC inspector observed Metrorail employees working on the 7000 series trucks, updating them with new parts. S&I shops at other Metrorail yards will be performing different aspects of the 7000 series SMP. WMSC inspector did not observe any defects during the SMP observation at the Dulles S&I shop.

### Photos



Fig 1 The 7K Rail Series' Trucks being overhauled at Dulles Yard



## Observation 2

To accommodate Metrorail's ongoing vehicle overhaul projects, Metrorail is working to convert the Dulles storeroom into an additional area for the 7000 series Scheduled Maintenance Program (SMP) by adding new track rails and floor lifts. The expansion project is expected to be completed in two years.

### Photos



Fig 2 PMO office is running out of floor space

## Defect 1

The wheel boring machine at the Dulles Rail Yard is not operational as it is awaiting parts. Car Maintenance (CMNT) is waiting for spare parts to repair the door mechanism on the wheel boring machine. Metrorail is in the process of procuring two additional wheel boring machines to be able to meet the current wheel boring demand. Presently, Metrorail is relying on a single wheel boring machine that is operational at Greenbelt Rail Yard.

**Hazard Rating: 4E**

### Photos



Fig 3 and 4 The Phoenix wheel boring machine at Dulles (not operational at the time of this inspection)



**Defect 2**

Several lights in the blow pit are burned out.

**Hazard Rating: 3D**

**Photos**



Fig 5 and 6 burned out or broken lights in the blow pit

**Defect 3**

Several dispensers of eye wash stations are expired, and one dispenser in was empty (located by the parts washer room).

**Hazard Rating: 3D**

**Photos**



Fig 7 eyewash stations expired or empty



#### Defect 4

The Dulles Service and Inspection (S&I) Shop floor lifts on track 2E are not operational. Car Maintenance (CMNT) is waiting for spare parts to repair the lifts.

**Hazard: 3D**

#### Photos

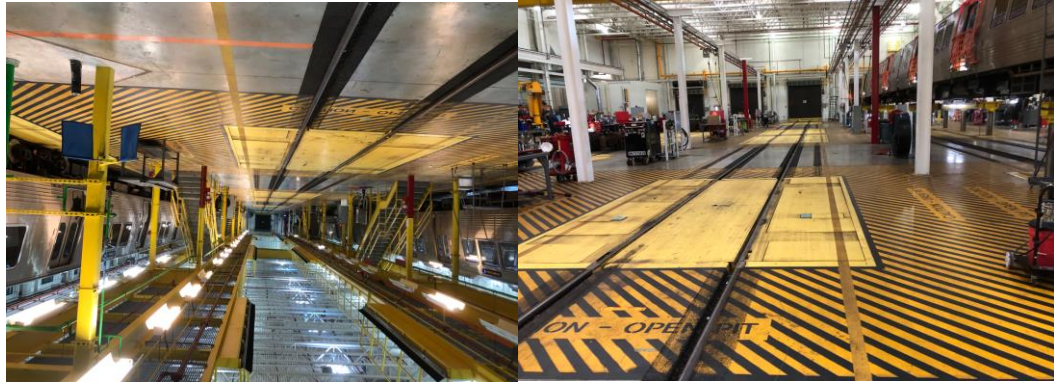


Fig 8 and 9 floor lifts at track 2E are not operational

#### Next Steps

Please respond by **Friday, January 24, 2025**, to acknowledge receipt and to convey responses to the WMSC regarding what, if any, actions will be or have been taken in response.