

# CASE STUDY

## MTM - Better Stations 3.0 - Lalor and Thornbury Station Civils Upgrades

**LOCATION:** Melbourne  
**CLIENT:** Metro Trains Melbourne (MTM)  
**DATE:** January 2024 - March 2024



### Introduction

On behalf of the Department of Transport (DoT), as part of the Better Stations Amenity Upgrades Project, Global Rail Australia has completed civils installation works at Lalor and Thornbury Stations.

At Lalor Station the civils works included a double sided platform canopy construction, construction of a DDA shelter, a CCTV pole installation, and a FLS cabinet installation. All major civil works including underground cable trench construction, footings for poles, FLS cabinet, canopy and the DDA shelter were completed during a 10-day absolute occupation in January 2024.

Thornbury Station's civils works included construction of a DDA shelter, a bike parkiteer and an FLS cabinet installation.

Global Rail Australia has commissioned this project on time and to budget, by investing their time and expertise, with no safety concerns.

The project aims to improve the customer experience at stations on the metropolitan network through improvements to amenities, safety features and accessibility.

As part of a turnkey offering, Global Rail Australia's Electrical Division has also completed electrical works at both stations to provide new CCTV, lighting and Public Address Speakers. The Hearing Loop was additionally reinstated at the station entrances.

## Deliverables

### **Lalor Station**

#### ***Double Sided Platform Canopy Construction***

- Excavate and construct reinforced concrete footings for the canopy.
- Install 1No double sided platform canopy unit, 12m in length located in the centre of the island platform near the station building.
- Connect canopy to drainage as specified by Metro.
- Remove existing platform seating in canopy location to new location specified by Metro.
- Install new steel seats under the canopy as per the design.
- Asphalt Reinstatement on the platform surface impacted by the works to Metro standards.

#### ***DDA Shelter Construction***

- Excavate and construct reinforced concrete footings for the DDA shelter.
- Install 1No single sided DDA accessible shelter unit of 4.5m in length, located on the Down end of Platform 2.
- Connect DDA accessible shelters to drainage.
- Relocate existing platform seating in canopy location to new location.
- Install new steel seats under the DDA shelter.
- Line marking.
- Asphalt reinstatement of the platform surface impacted by the works.

#### ***CCTV Pole Installation***

- Excavate, and construct reinforced concrete footings for CCTV poles.
- Installation of 2No x CCTV Poles on the platform.

#### ***FLS Cabinet***

- Excavate, and construct reinforced concrete footings for the FLS cabinet.
- Installation of 1No FLS cabinet.

### **Thornbury Station**

#### ***DDA Shelter Construction***

- Excavate, and construct reinforced concrete footings for the DDA Shelter.
- Install 2No single sided DDA shelter units of 4.5m in length at Thornbury Station, located on the Down end of Platform 2, and the Up end of Platform 1.
- Connect DDA accessible shelters to drainage.
- Relocate existing platform seating in canopy location to new location.
- Install new steel seats under the DDA shelter.
- Line marking.
- Asphalt reinstatement on the platform surface impacted by the works.

#### ***Bike Parkiteer Construction***

- Excavate, and construct reinforced concrete footing for the Bicycle Parkiteer.
- Install 1No Parkiteer unit behind Platform 1 in the garden section near Ethel Street.
- Connect Parkiteer downpipes to drainage.
- Reinstatement of the garden impacted by the works.

#### ***FLS Cabinet***

- Excavate and construct reinforced concrete footings for FLS cabinet.
- Installation of 1No FLS cabinet.

## Benefits

Global Rail Australia offer end-to-end build solutions for the public and private sectors on a design and construct basis.

We operate in the rail and transportation, utility, commercial and industrial sectors working on multi-disciplinary projects to meet the needs of our clients and provide cost-effective solutions to complex problems.

Led by experienced professionals with in depth knowledge of these sectors and supported by skilled and dedicated in house teams, we offer a fully integrated solution, allowing us to provide clients with a unique turnkey offering that is value adding.

## About us - Civil & Structural Engineering

Global Rail Australia's civil and structural engineering capabilities take full project responsibility and offer a fully managed service for clients within the built environment.

We can provide civil and structural engineering solutions from initial project planning and design, to enabling works covering site surveys, hazard and environmental assessments, procurement, onsite construction and equipment installation, through to final commissioning.

We are flexible in our approach and can undertake civil engineering projects on a turnkey, consultancy, main contract, sub-contract or resource supply basis to meet each individual client's requirement.

This inclusive approach allows our clients to benefit from expertise in a number of sectors and ensures they receive the most appropriate advice and solution for their schemes.

Bespoke solutions for individual client requirements are central to Global Rail Australia's offering.

We apply our skills to new build, refurbishment and maintenance projects, our activities include:

- Design including temporary works
- Condition and dilapidation surveys
- Demolition and remediation
- Combined service routes
- Services enabling and diversion works
- Bridge replacement and refurbishment
- Ground and site investigation
- New build and refurbishment
- Road construction
- Embankment works and retaining structures