

# CASE STUDY

## MTM - Better Stations 3.0 - Lalor and Thornbury Station Electrical 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 Tranche 3, Global Rail Australia were awarded and engaged to complete amenity upgrades at two metropolitan key locations - Lalor Station and Thornbury Station.

The works on behalf of key client MTM, cover Electrical amenity upgrades including CCTV, Public Address System Speakers, Customer Help Points and Hearing Loops.

The project aims to improve the passenger amenities, safety features, and accessibility to improve peoples experience when travelling on the network. Upgrades to stations help provide diverse journeys that are safe and inclusive, inspiring confidence in users and provide a critical connection to social and economic opportunities.

The implementation of the design aims to achieve:

- (a) Functional improvement of existing metropolitan railway stations;
- (b) Improved accessibility;
- (c) Enhanced customer experience at key locations on the network;

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

Electrical works covering the supply and installation of Public Address Speakers, CCTV and the reinstatement of Hearing Loops at both Lalor and Thornbury Station were fully commissioned on time in March 2024.

## Deliverables

### Lalor Station

#### *Electrical & OCS Works*

- Excavate and construct underground cable trench route on platform (approx. 220m long).
- Install, test and commission platform canopy and DDA shelter lighting including connection to the existing station switchboard without interrupting station lighting at night.
- Install, test and commission CCTV cameras.
- Reinstate Hearing Loop at station entrance.
- Install, test and commission PA Speakers.

### Thornbury Station

#### *Electrical & OCS Works*

- Excavate and construct underground cable trench route on platform (approx. 20m long).
- Install, test and commission platform canopy and DDA shelter lighting including connection to the existing station switchboard without interrupting station lighting at night.
- Supply and install Parkiteer strip lighting including connections to solar panels.
- Supply, install, test and commission Parkiteer door control box with card reader.
- Install 32mm sub-duct and fibre in existing ULX.
- Install, test and commission CCTV Cameras.
- Reinstate Hearing Loop at station entrance.
- Install, test and commission PA Speakers.

## 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.

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.

## About us - Electrical

Global Rail Australia provide turnkey electrical solutions for railway, commercial and industrial projects. We can provide a one-stop shop from acquisition through to project completion and provide a tailored service to each individual client's requirements.

Electrical services provided by Global Rail Australia are constantly upgraded through training and development and are consistently delivered to the highest specification.

Design and project management of these specialist services are deployed on a wide range of rail, utilities and energy projects including:

- Commercial and industrial installations
- Private domestic installations
- Bespoke installations

- Site enabling field works
- Fibre splicing and copper jointing
- Clean earth systems
- Electrical maintenance
- OCS Rail Systems
- Lighting control systems
- Building management and control