

Case Study - Toorak Road - Rail Level Crossing Removal

Project Name: Toorak Road – Rail Elevated Crossing

Location: Melbourne, Victoria

Builder: John Holland

Locker Webforge Product

- Monowills Link 2 Rail Safety Barrier
- Monowills Link Balustrade
- Monowills Link Barrier with Retroguard Mesh
- Architectural Balustrade using powder coated Perforated Screens
- Ancillaries - Ladders, Laser Cut Plate & Grating

Webforge Locker were engaged directly by John Holland to design, detail and manufacture a series of Access and barrier solutions to be attached to the new Rail Elevated Crossing.

By getting involved early in the project, Webforge were able to advise on a detailing methodology of product to meet the industry specification, minimise installation points and maximise manufacturing efficiency.

Partnered with the functional project requirement of Safety Barrier and Detraining Handrail, the client additionally wanted to elevate the external aesthetic of the Elevated Crossing which was achieved by utilising Locker Groups perforated screening.



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Product Optimisation

- Correct barrier type applied to meet specification
- Parts optimised for manufacture efficiency, wastage & cost
- Optimisation of stanchion cadence
- Removal of unnecessary stanchions / fixing points
- Simplification of parts breakdown (BOM)

Webforge also worked closely with installation contractors providing assembly models, BOMs and installation advice.

