



WELLS ROAD BRIDGE REHABILITATION WORKS

CITY OF KINGSTON, VIC

MAINTENANCE - CONCRETE REPAIRS

PROJECT

Wells Road Bridge Rehabilitation Works

CLIENT

City of Kingston
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DURATEC CONTACT

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DESCRIPTION

Duratec was engaged to complete repairs to concrete and steel bearing plates and steel reinforcement at Wells Road Bridge over the Patterson River at Patterson Lakes.

The scope included:

- ▶ Erection of scaffolding with full encapsulation to bridge bearings.
- ▶ Concrete breakout to all 200 identified areas.
- ▶ Abrasive blast steel bearing plates and steel reinforcement within concrete repair areas.
- ▶ Application of primer coat to steel bearing plates and steel reinforcement within patch repairs.
- ▶ Application of top coats to steel bearing pads.
- ▶ Completion of concrete patch repairs.
- ▶ Crack injection to nominated areas.
- ▶ Backfilling to northern abutment wall.

HIGHLIGHTS

- ▶ Works were undertaken on a bridge that spanned an environmentally sensitive waterway.
- ▶ Strict compliance to environmental requirements of Parks Victoria and Melbourne Water.
- ▶ Works successfully completed in a tight time frame.



IMAGES (FROM TOP TO BOTTOM)

- ▶ Overview of the bridge.
- ▶ Beam and bearing typical repair type.
- ▶ Completed repair.