

SILVERWATER BRIDGE



Client

DM Roads

Location

Sydney, NSW

Scope

- High pressure water washing
- Spalled and damaged concrete removal
- Sacrificial Anode installation
- Application of repair mortar
- Crack injection and sealing
- Application of pore-blocking/fairing coat
- Application of protective coatings by airless spraying
- Access to work faces by scaffolding and EWP based barges

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Project Details

Silverwater Bridge was constructed in the early 1960's and spans about 190 meters across the Parramatta River. This bridge is a part of Silverwater Road (A6) that is a two-way carriageway with two lanes in each direction. Silverwater Road is a major connector between Sydney's Northern and Greater Western suburbs and is within the City of Parramatta Local Government Area (LGA).

Eptec was engaged to undertake and complete all concrete repairs and remedial works including spall repairs, crack repairs and anti-carbonation top coating to piers and abutments.

The following work activities were involved in the repair and remedial works:

- High pressure water washing
- Saw cutting of concrete
- Removal of damaged concrete
- Cleaning and priming of reinforcement
- Application of repair mortar
- Crack repair by injection method
- Anti-carbonation coating by spray application

Project was completed safely, on time and on budget in 7 months.

Contact Details

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