

Redbank Motorway Estate - Stage 2

Redbank | Ipswich



Scope of Works

Redbank Motorway Estate is Brisbane's leading industrial development located off the Ipswich Motorway in South West Brisbane. Shadforth is currently undertaking bulk earthwork and civil infrastructure works on a 75-hectare block situated directly along the Brisbane River.

The development boasts a significant civil infrastructure network with the construction of two separate 2400mm stormwater lines. These are situated 16m below FSL and extend through the property to outlet along the Brisbane River.

Shadforth has been contracted to construct the following at Redbank Motorway Estate:

- 120,000 m³ of cut to fill
- 140,000m³ of imported material
- 183m - 2.4m diameter stormwater infrastructure requiring tunnel boring and pipe jacking systems
- 38 driver steel piles into the Brisbane River to a depth of -11m. Each pile is 16m long and 610mm in diameter.
- 2427m - Additional stormwater infrastructure
- 1709m - PE Sewer
- 2390m - PE Watermain
- 22,797 m² - AC

Project Overview

Client

Goodman Property Services

Start Date

July 2018

Completion Date

Ongoing

Contract Sum to Date

\$15.4 Million

Shadforth Team

Construction Manager

Michael Bishop

Project Manager

Adam Reed

Project Engineer

Callum Watts

Site Supervisor

Scott Porter

Safety Manager

Juan Goebel

Quality Assurance

Callum Watts

Environmental Officer

Juan Goebel

Project Particulars

Due to the nature of the works being undertaken at Redbank Motorway Estate, the following challenges arose:

- Highly dispersive soils
- Tunnel boring
- 280t crane and piling works along river bank
- Road widening along Robert Smith Road, Redbank
- Installation of watermain lines under railway tracks

