



## Bridge Construction & Maintenance

Construction Specialists

Engineered better.

# Australia's Leading Specialist Construction Company

Fortec is an Australian, employee-owned company delivering fit-for-purpose, innovative, and cost-effective construction, engineering, and geotechnical solutions.

We take pride not only in the quality of our work but also in the long-lasting relationships we build with our clients.

Founded in Perth in 2015, our mission has always been to connect clients with experienced industry professionals. This client-focused approach has driven our growth and expanded our services nationally.

With extensive experience across Australia, we serve the **infrastructure, building, and resources sectors**, providing solutions that are practical, innovative, and tailored to each project.

Fortec delivers specialist construction, engineering, and geotechnical services to public and private sector clients, including water and road authorities and developers of infrastructure, commercial, industrial, and residential projects.

Our team has a wealth of experience in the specialist design and construction of

*Built on great relationships*

infrastructure and solving complex construction and engineering challenges. One of our primary aims is to provide technical advice and designs which benefit the client both practically and economically.

Early engagement on projects enables our clients to harness engineering and construction know-how and innovative ideas, to ensure better project outcomes.

With the support of our strategic partners, Fortec is able to offer a range of alternative construction techniques aimed at optimising solutions for our clients' requirements within budget, while considering the risks, project constraints and delivery environment.



## Implementing best practices in HSQE

### Sustainability

We adopt strategies and practices that aim to meet the needs of today's society without compromising the human and natural resources that will be needed in the future. Working with and building positive relationships with all stakeholders enables us to bring to the forefront ideas and innovations that enhance the responsible management of resource use in the environment in which we work.

Our group initiatives in HSE management, training, indigenous engagement and support of local communities have been frequently acknowledged by industry and government bodies.

### Our Sustainability Framework

We implement best-practice Health, Safety, Quality and Environmental Management systems that support our business in delivering projects safely, to a high standard and without harm to the environment.

We aim for continual improvement in all that we do and adopt strategies and practices that aim to meet the needs of today without compromising the resources that will be needed in the future.



# Our Services

## Bridge Construction



### Complete Bridge Solutions

Fortec delivers end-to-end bridge construction, covering every stage from foundations, substructures, and superstructures to approaches, abutments, barriers, and guardrails.

With deep engineering expertise, we support clients through investigation, design, delivery, and maintenance to provide long-term, cost-effective solutions backed by proven systems.



### Precast Concrete Excellence

Precast concrete beams are a cornerstone of modern bridge building, valued for their strength, durability, and consistency. Mass production ensures cost efficiency and rapid installation, while pre-stressing and post-tensioning enhance load-bearing performance.

Suitable for highways, rail, and pedestrian bridges, this method ensures both quality and speed. Fortec recently applied this approach on Bridge 5023 along Springdale Road in Hopetoun, WA.



- Foundations
- Precast concrete beams
- Substructure
- Superstructure
- Approaches
- Engineering expertise

# Our Services

## Bridge Maintenance



### Bridge Maintenance

The requirement to maintain the ongoing performance of bridges is imperative for the long term sustainability and safety for all users. Concrete, steel and timber bridges exist throughout Australia, and with changing loading codes and durability requirements to ensure longevity of the asset, maintenance and repair is a crucial requirement for both Government bodies and private asset owners.

We have an extensive network of staff and expertise available to provide immediate and urgent repair and rectification. Our unique ability to provide numerous services ensures the works are conducted quickly and with limited external assistance.



- Guardrail Repairs
- Bridge Monitoring
- Structural Repairs
- Pile Strengthening
- Expansion Joint Repair
- Concrete Deck Overlays
- Steel Plate Strengthening
- Cathodic Protection
- Routine Bridge Maintenance
- Timber Bridge Refurbishment
- Approach Slabs Replacement



# Our Services

Specialist Construction



## Bridge Launching

With proven expertise in Incremental Bridge Launching, Fortec combines technical know-how with practical experience to deliver smooth, efficient installations.

We design and supply everything required.

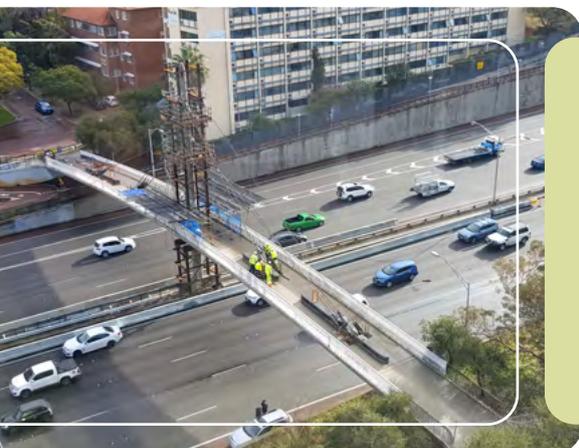
From launch bearings and side guides to jacks, cables, and deflection systems. Our methods have powered landmark projects, including the new Fitzroy Bridge (replacing the flood-damaged original) and the Brooking Channel Bridge.



## Precision Jacking

Fortec's synchronised jacking systems deliver safe, balanced, and controlled lifting for even the heaviest structures.

By raising from multiple points at once, our technology eliminates misalignment, distortion, and damage risks. Whether lifting, lowering, pushing, pulling, or sliding, Fortec provides the accuracy and efficiency you need for seamless operations.



- External Post-Tensioning
- Synchronised Jacking Systems
- Cable Stay Inspection & Replacement
- Bearing Replacement (POT and Elastomeric)
- Multi strand cables (MK4) / Post -Tensioned Systems

# Our Services

## Concrete Repair

### Concrete Repair

Fortec offer a varying range of solutions depending on the nature of repair. Fortec's offering consists of:

- Hydro Demolition
- Gunitin
- Shotcreting
- Crack repairs
- Protective coatings
- Cathodic Protection
- Carbon Fibre Reinforced Polymer





## Contact us

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