

Townsville to Cairns Timber Bridge Replacement Project

Queensland Rail's \$46 million timber bridge replacement program on the North Coast line is progressing well, with work on nine of 16 rail bridges between Townsville and Cairns complete.

All nine completed bridges are located in Murray Flats between Cardwell and Tully.

In January 2019, VEC Civil Engineering was awarded the construction contract and completed works on the first nine bridges over four scheduled 48 to 72-hour-closures throughout 2019.

These works included completing pile foundation works prior to the closures and replacing the existing timber bridges with precast concrete piers and steel track during the closures.

Pre-closure works are now being undertaken in preparation for construction works on the seven remaining bridges, located between Cardwell and El-Arish. These works are expected to take place over four scheduled closures between May and October 2020.

In response to the COVID-19 situation, a closure scheduled for April 2020 was cancelled to allow additional freight services to travel across the state and deliver essential goods.

The 1,435 -kilometre North Coast line – stretching from Brisbane to Cairns - is a vital transport corridor for Queensland, supporting 6,600 train movements every year, including containerised freight, livestock and fresh produce, in addition to a variety of passenger services.



rare.

Your Design Challenge – Our Innovation

Specialising in:

- Civil and Structural Design
- Bridge Design
- Temporary Works Design
- 3D Scanning
- BIM
- Shop Detailing
- Condition Assessments



Ph: (03) 6388 9200 | www.rarein.com.au
Level 1a, 10-14 Paterson Street, Launceston TAS 7250



TOPS
TRAFFIC MANAGEMENT

Phone
0427 648 671

**PLEASE OBEY SIGNS
AROUND ROADWORKS**



"I'm not here to inconvenience you,
I'm here for your safety. Let's both go home to our families."



**BONASSI'S QUARRY
& TRUCK HIRE**

Supply & Deliver Quality Raw Materials throughout the Cassowary Coast

PRODUCTS AVAILABLE

- Gabion/Mattress rock
- Crusher Run
- Road bases
- Ballast
- River Sand
- Fine White Sand
- Armour Rock
- 10ml & 20ml Stone
- Truck & Dog Hire

MACHINERY ON SITE

- 24 Tonne Komatsu Excavator
- 30 Tonne Komatsu Excavator
- 2 x WA 380-6 Komatsu Loaders
- 2 x Screening plant
- 1 x Jaw Crushing plant
- 1 x Cone Crushing plant
- Toledo Weighbridge

*Bonassi's Quarry is
TMR Certified*



Contact: Paul Bonassi 0407 630 147
Email: pfbonassi@bigpond.com

A multidisciplinary engineering services and solutions company based in Townsville, North Queensland, delivering quality assured engineering services to the Government, Construction, Sugar, Mining, Marine and Minerals Processing industries worldwide.



- QBSA Open Builders Licence
- Heavy Engineering Specialists
- Qld TMR and Queensland Rail Approved Supplier
- Building Code 2016 compliant
- ISO9001:2015 Certified
- ISO3834.2 Certified Welding Management System
- Welding and Coatings Inspectors in-house

www.tei.com.au

Phone: (07) 4774 5811
24-34 Enterprise Street,
Bohle, QLD 4818



AS/NZS ISO 3834 Part 2

Certificate No. 042

The old timber bridges required a high level of maintenance, due to the landscape of the area, which is often subject to conditions such as flooding.

The elimination of the old timber bridges on the North Coast line will significantly improve the reliability of the line and reduce required maintenance, with the old bridges being replaced with more durable structures made of steel and concrete.

Queensland Rail is committed to providing a safe and reliable rail network for both freight and passenger services and improving its infrastructure through future-proofing initiatives such as the replacement of these timber bridges.

The project will support more than 150 jobs including steel fabricators, precast manufacturers, quarry suppliers and labourers.

Subcontractors and Suppliers

Humes	Precast
Gordon Adams Pipe Sales Pty Ltd	Supply of piles
Bendworx	Supply of piles
TEI	Townsville Engineering Industries – structural steel
Chris Dempsey Cranes	Cranes and plant
Bonassi Quarries	Quarry materials
Coates	Plant and site establishment
Foundation Specialist Group	Piling/geotechnical advice
RARE Innovation	Temporary works design



FNQ Cable Locators	Location work
PTS	Traffic management
Construction Sciences	Testing
RPS	Survey
Tully Welding Works	Welding work
Pacific Fasteners Tully	Hardware

SHEDS • BOATS • FABRIKATION

TULLY WELDING WORKS

ALUMINIUM • STEEL

Specialising In:

- Custom-made and engineered sheds
- Mobile welding
- Alloy boat fabrication
- Crane hire (8t & 20t)
- Boomlift, Scissorlift, Telehandler hire
- Tip Truck, Skidsteer, Excavator hire
- Temporary Fence hire
- Fabrications and repairs

Phone: (07) 4068 1344

Email: info@tullyweldingworks.com | 59402 Bruce Highway, Tully

FNQ Cable Locators

Servicing FNQ, Cape York and the Torres Strait and surrounding areas.

- **Telstra, OPTUS and DBYD certified and accredited locator**
- **Vacumn truck services**
- **GPR and Cable locating**

Phone: 0428 775 655

Web: www.fnqcablelocators.com.au

Email: fnqcablelocators@bigpond.com.au

GORDON ADAMS PIPE SALES PTY LTD

Specialising in the importation of New mill certified large diameter steel pipe for project use.

We specialise in new steel pipe for piling and casing liners, manufactured to meet the stringent specification of companies such as **Queensland Rail**, and have testing completed on steel samples in the country of manufacture and also in Australia by **NATA Laboratories**. We specialise in the supply of low boron and silicon content steel products, a requirement to satisfy TMR projects.

Proud to be a major supplier on the **TULLY** project for **V.E.C Civil**

Phone: 0400 249 607

Email: gordon.adams25@bigpond.com | Address: 33 Bellchambers Road
Edinburgh Nth Adelaide, South Australia 5113.