

CASE STUDY



RAILWAY TIMBER BRIDGE REPLACEMENTS

Location: West Moreton Line (near Toowoomba) and North Coast Line (Tairo and Bundaberg)

Client: VEC Civil Engineering

Duration: 9 months

DESCRIPTION

JWG were engaged by VEC Civil Engineering to provide plant, labour and supervision for numerous QR timber bridge replacements. The old bridges were demolished and replaced with precast concrete structures.

Works included:

- Demolition work
- Bulk earthworks
- Very large pre-cast concrete structures
- Installation of pipes and culverts
- 1.2 km of road construction
- Concreting
- Backfilling

As this project included road construction and installation of pipes and culverts, it demonstrates our multi-faceted capacities in demolition, drainage, rail work and roadworks.

These works were generally conducted in a shutdown environment (typically 72 hours) so they required detailed planning, significant resourcing and HSEQ management.

As the size of this project required a large crew, we hired local labourers and subcontractors to supplement our work crews.

We had very good relationships with subcontractors and VEC Civil supervisors, and the project was completed successfully with no LTIs.

