

GILLIES HIGHWAY & YUNGABURRA ROADWORKS PEND 1726



fgf's Civil Construction division delivered (PEND 1726) TNRP Pavement Rehabilitation and Reconstruction Works within the Tablelands Region.

The scope of works for this project included:

- Establishment and disestablishment
- Earthworks, lowering and widening of cuttings
- Drainage works, including headwall extensions and hand poured concrete drains
- Lime subgrade stabilisation
- Installation of new gravel pavements
- Plant mixed and insitu cement modified pavements
- Bitumen primer seals, two-coat bitumen seals, SAMI seals and asphalt seals
- Signage installation
- Associated traffic management and stake holder engagement

Project opportunities and challenges included:

- fgf's strong performance in the initial works in Yungaburra led to being awarded additional variation works packages in Atherton.
- Ability to continue construction during an extended wet season to meet funding timeframes; made possible by alternative pavement designs achieved collaboratively with the Client.
- Successful replacement of Gillies Hwy pavement through townships of Yungaburra and Atherton made possible by proactive consultation with stakeholders.
- Effective environmental management enabled works to be completed through the environmentally sensitive Wet Tropics area of Lake Barrine through an extended wet season without incident.
- Works were split into three separate sites, fed by three separate quarries to maximise material supply therefore maximising work productivity. Overcoming supply issues resulting from concurrent TNRP projects in the region.



Unit 5, 2 James Street
North Cairns, QLD 4870

PO Box 6665 Cairns,
4870

T: (07) 4041-4350
Fax: (07) 4041-4969
E: fgfdev@fgf.com.au

ABN 67 102 951 039

Location:

Yungaburra + Atherton

Client:

Department of
Transport and Main
Roads

Civil Engineering

Consultant:

Jacobs

Duration:

Oct 2013 – Jul 2014