

FRND166 CONSTRUCTION OF OVERTAKING LANES BRUCE HIGHWAY - ALOOMBA



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fgf Developments was awarded the contract to widen the existing formation on the Bruce Highway at Gordonvale to provide for a northbound overtaking lane. The scope of this project involved earthworks, drainage works, pavement works and bitumen sealing.

The scope of works to be undertaken included the following items:

- Establishment and Mobilisation
- Traffic Management
- Environmental management, vegetation works
- Demolition and removal of culvert end structures
- Supplying and installing culverts
- Clear, grub and strip topsoil
- Excavation of road
- Treatment of subgrade
- Type 2.1 and 2.3 pavements
- Prepare existing surfaces
- Bitumen seals
- Line spotting marking for longitudinal lines
- Demolition, removal and re-erection of road furniture
- Site disestablishment and Demobilisation

Project opportunities and challenges included:

- Culvert supply was a challenge due to manufacturers experiencing a mechanical breakdown. Regular communication with the manufacturers, the client and on-site staff was maintained and the program was updated accordingly which enabled works to continue smoothly.
- Effective Traffic Management was required to ensure traffic flowed smoothly due to works being carried out on the main highway.
- Proactive relationship management with many stakeholders
- Effective communication was maintained with property owners which allowed fgf to establish site offices on their property.

Location:

Gordonvale

Client:

Department of
Transport and Main
Roads

Civil Engineering

Consultant:

Jacobs

Duration:

September 2016 –
February 2017