

CASE STUDY



PIPE AND CROSS-ROAD CULVERT INSTALLATION

Location: Burnett Highway, Ban Ban Springs

Client: RoadTek

Duration: 4 months

DESCRIPTION

Joe Wagner Group is a member of RoadTek's panel of contractors to provide Concrete Placement and Drainage for Queensland roads. We were invited to tender for the Burnett Highway project and were appointed Principal Contractor.

Works included:

- Demolition and removal of old complete culverts
- Demolition and removal of culvert end structures
- Excavation
- Extension of 14 existing culverts totalling in length of 123m
- Installation of 2 new culverts
- Installation of 19 precast end structures
- Installation of 12 cast insitu end structures
- Backfill to 300mm above pipes

This project required traffic management on the highway and compliance with the client's environmental conditions. Culvert sizes ranged from 375mm to 4-celled 1800mm structures; and excavation of old pipework without breaking them was a challenge. There were also concrete slabs under each headwall that needed to be appropriately dealt with.

Works were successfully completed under budget and ahead of schedule with no LTIs.

