

CONSTRUCTION OF WATER MAIN AT FISHERY FALLS CONTRACT 75425



The scope of this project involved the construction of the water main at Fishery Falls including:

- Trenched installation of OD125 PE100 PN16 Blue Jacket pipeline of approximate length 1km within the Bruce Highway road reserve.
- Trenchless (HDD) crossing of Jack Creek.
- Trenchless (HDD) crossing of a reinforced box culvert at approximate CH600.

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

- Establishment
- Traffic Management
- Dewatering and ground water management
- Use of recovered crushed glass for pipe bedding material (Re-Glass)
- Trenched installation of pipelines
- Trenchless installation of pipelines under Jack Creek and culvert crossing
- Liaising with Council for cut-in works and valve arrangements
- Construction of thrust blocks
- Hydrostatic testing
- Disestablishment

Despite the total contract program of 12 weeks, fgf was able to reduce the construction time on site to 4 weeks, therefore minimising onsite impacts including environmental, safety, and traffic management considerations. This also minimised client related running costs.



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Location:

Fishery Falls, Cairns

Client:

Cairns Regional Council

Civil Engineering

Consultant:

Jacobs

Duration:

June 2016 – August
2016