

CONSTRUCTION OF EDMONTON WEST TRUNK WATER MAIN EXTENSION - CONTRACT 75448



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fgf Developments was awarded the contract for the extension of the Edmonton West Trunk Water Main. The works involved the construction of an approximate 381m extension to a trunk water main. The new 450mm OD PE100 PN20 water main was installed using trenchless methods and was to connect an existing water supply line located on Hamelin Street in Edmonton to a new main that is under construction for a future development at Whereat Road.

The main components of work included:

- Trunk Water Reticulation
 - Supply and install 450mm PE 100 PN20 Trunk Water Main
 - Including welds, fittings and thrust blocks using both trenched and trenchless installation methods
 - In accordance with required specifications, test all fittings and pipes
 - Restore disturbed areas to previous conditions
- Sediment and Erosion Control
 - Plan sediment and erosion control measures and implement them while conducting work.

Project opportunities and challenges included:

- Positive stakeholder management enabled successful directional drilling with access required through private properties.
- Successful management of rock and drilling operations to enable efficient installation of bore pipes.
- Ongoing positive relationships with the Client and Superintendents Representative.

Location:

Edmonton, Cairns

Client:

Cairns Regional Council

Civil Engineering

Consultant:

Jacobs

Duration:

August 2016 –
February 2017