

Green Frog Utilities Project: **Forches Cross**

**Site:**

Forches Cross

Client:

Wales and West Utilities

Duration of contract:

5 months: June 2019 to
December 2019

Contract Value:

Circa. £1,000,000

Scope of Works

Green Frog Utilities Ltd, in July 2019, were awarded the contract to construct, install and commission 105 meters of 500mm diameter, welded, high pressure gas pipeline at the Forches Cross road development works near Newton Abbot for Wales and West Utilities. The diversion was necessary to reroute and significantly drop the depth (5m) of an existing LTS pipeline before road modification project can commence.

Green Frog Utilities, acting as principal contractor, commenced works in July 2019 and completed by December 2019.

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The project will comprise of the following;

- Mobilisation and setting up a project site establishment
- Setting out pipeline diversion route and two key working areas either side of the road
- The management of significant deep excavations and controlling restricted working areas
- Fabrication and testing of diversion and temporary bypass pipework
- The installation of approx. 70mts of pipeline in a concrete construction sleeve for the new pipeline route
- Hot tap connections via bifurcated stopple operations
- Reinstatement of working areas

Challenges:

- Multiple Stakeholders
- High Pressure Gas Pipeline
- Deep excavations and restricted work areas
- Multiple existing gas mains in the immediate proximity
- Pipeline sleeving activities (concrete) and tunneling
- Road Crossing