

Client: Yorkshire Water
Value: Undisclosed
Location: West Yorkshire
Completion: 2023



Improving rail access at Forster Square train station

Yorkshire Water



Overview

This scheme was driven by a third-party developer request (BAM Nutall—BAM) to Yorkshire Water to divert an existing 100mm water main to allow necessary platform alterations at Bradford Forster Square train station in readiness for Bradford's City of Culture 2025 (alongside various other investments within the city).

United Infrastructure delivered complex works next to a functioning railway ahead of time and to budget.

United Living leading on the works

BAM was responsible for arranging for all utility providers who owned assets within the platform alterations to make necessary diversions to their assets.

Following a site visit, UI (initially there to look at the water main diversion) recommended that it take on the responsibility and ownership of excavating a multi-utility trench for all the utility companies involved (water, gas, BT, and electric).

This reduced the number of utility asset owners needing to attend the site and conduct work, eradicating the need to re-excavate trenches one after another.

Most importantly, it minimised the carbon footprint on this site while providing BAM with an overall financial saving on their costs for the required diversion works.

Additional works were requested while on site, such as excavating additional crossings for new BT connections and tarmacking sections of ground excavated by BAM Nuttall. BAM requested weekend work to accelerate the programme due to their internal deadlines on the wider project. UI delivered some weekend working days to assist this where possible.



Working collaboratively and safely to meet challenges

Weekly progress meetings were undertaken between UI, Yorkshire Water, and BAM to collectively monitor an ever-moving programme, track progress, and determine key milestones/dates for other utilities to come and lay their assets in the one trench. The UI site manager also conducted daily site visits to ensure the project was running smoothly.

Working closely with BAM and the other utility providers to contain all of the work in one trench also positively affected the environment. Fewer vehicles were in attendance, reducing carbon emissions and material imports/exports.

Delivered on time and to budget

The programme timescale was initially set at 13 weeks, but the works were completed, and all assets were diverted in 9 weeks, which ensured that all of the platform alteration works were completed by Christmas 2023.



United Infrastructure really came to the party on this project, working collaboratively with all of the utility companies, Northern Gas, Northern Powergrid and BT, to deliver the scheme ahead of time and to budget while minimising the effect on the environment. Well done to all involved.

Mudassar Ahmed, Senior Project Manager, Yorkshire Water



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For further information on how
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