



Metrolink – Electricity North West Limited & Transport for Greater Manchester

Value: £41m

Location: Greater Manchester

We have worked on the Metrolink light rail network expansion programme since 2009, working for Electricity North West Limited (ENWL) and Transport for Greater Manchester (TfGM).

Project Synopsis

Our specialists worked seamlessly with ENWL and TfGM to provide the following services from conception (C3/C4) to completion (C9):

- Quantity surveying
- Clerk of Works
- Project management
- CDM Coordinator / Principal Designer
- Commercial management

Starting work with ENWL on the Oldham, Rochdale and Manchester Airport Line, we then were appointed to work on the Second City Crossing project and finally the Trafford Park Line project which was the last phase of the expansion programme.

A geography of circa 32km end to end. For TfGM to proceed with the works it was necessary to establish a 'swept path', free of all utilities and associated assets wherever possible, in order to facilitate track construction and tram stops along the designated routes.



Key Facts



£41m costs audited



40% saving
22km of joint utility trenches



110 individual project sites



In-depth knowledge of HAUC



30 miles light rail track laid

Scope of Works

- Management of complete project lifecycle.
- Site investigations and technical support.
- Analyse and manage costs.
- Stakeholder and supply chain collaboration.
- Identifying and managing project and programme risks.
- Providing mitigation and escalation procedures.

Successes

We promoted the use of Joint Utility Trenches (JUTs) on the TfGM network expansions. This way of working resulted in a 6 month reduction in the Trafford Park Line programme. JUTs generated a 40% cost saving for TfGM.

Our experience, long-standing relationships and detailed, transparent final accounts led to ENWL's final account process with TfGM being completed with minimal dispute and within 6 months.

Overcoming Challenges

Working in the public realm with statutory and regulated businesses brings intense scrutiny. We provided the necessary formal auditable trail and input into regulatory reporting. Multiple stakeholders and high profile locations required a considerate and collaborative approach. Multiple utility companies all working on the same route led to innovative joint utility trenches.

Testimonial

"TSS have played an integral part in the delivery of site based services of our Metrolink projects in and around Manchester City Centre. Their integration into not only our team but also that of our key stakeholders has resulted in us nominating the team for 'Utility Week' team of the year."

Mike Taylor - Energy Solutions
Business Development Manager,
Electricity North West