CASE STUDY: **CHELSEA EMBANKMENT**

Falco were appointed by the Ferrovial Laing O'Rourke Thames Tideway Tunnel joint venture as an approved contractor by both Thames Water and UKPN to install electrical ducting and construct a temporary sub-station base.

The works involved the excavation of trenches and installation of approximately 200 metres of 2-way ducting from the Lister Hospital to site.

We excavated, installed and reinstated approximately 50 metres of six-way ducting from around the weir works on the work site and installed six access chambers - four within the work site and two within Chelsea Embankment's north and south footpath outside of both work sites. All areas around chambers were reinstated

The team also completed the excavation, installation, and reinstatement of two 2 sqm shafts to a depth of 2.5 metres to locate the remaining UKPN telecoms service within the northern footpath. UKPN were able to use these shafts to carry out the jointing and pulling of new service to navigate around work site construction works.

Finally we constructed a reinforced concrete UKPN substation foundation with raft foundation and earthling installation.

- Sector: Power
- Client: Thames Water
- Principal Contractor: Ferrovial Laing O'Rourke
- Duration: 10 weeks
- Location: London SW3

> Falco carried out the works in a very professional manner delivering the works to the required quality and met the time and cost deliverables with an excellent safety culture throughout. It is a great advantage for us to have a sub-contractor with expertise in both power and water disciplines.
>
> **Mick Walsh, Construction Project Manager, Tideway Central**

Falco Construction
Prospect House, 20 Beeby Road, London, E16 1QJ
Tel: 0207 474 3105 | Email: info@falcoconstruction.co.uk | web: www.falcoconstruction.co.uk