

PIPE JACKING CASE STUDY

Crossrail Eastern Running Tunnels



www.pipejacking.org

PROJECT	Crossrail Eastern Running Tunnels
CLIENT	Dragados-Sisk JV
CONTRACTOR	Terra Solutions Limited
PIPE SUPPLIER	Naylor Denlock
TUNNELLING MACHINE	300mm Terminator TBM
VALUE	£500,000



PROJECT OVERVIEW

Drainage tunnels were required for the installation of pipework at various locations between the west to eastbound tunnels. It also included pipework from the sump of the catch pit in the east bound tunnel, turnaround of equipment, and installation of pipework from the sump to the westbound tunnel.

DESCRIPTION OF WORKS

Temporary launch platforms were constructed within the main tunnels and 15 separate installations were driven with a combined length of 126 metres.

Four 300mm diameter pipelines were installed as part of the eastern running tunnel works and at Farringdon, a 20 metre 450mm diameter tunnel driven between the east/west tunnels.

Site ground conditions were variable with n-values generally above 50.

FURTHER INFORMATION: www.terrasolutions.co.uk

