

TIMBER HEADING CASE HISTORY



Sewer Installation from Perco



Scope: Timber Heading
Project: 199 Westminster Bridge Road
Sub-Contractor: Perco Engineering Services

The client required assistance in providing a solution to undertake a sewer connection underneath Westminster Bridge Road in London for a prestigious development which will provide a sought-after higher education student accommodation.

Perco were contacted to provide a solution to install a new 375mm concrete pipe to the existing brick egg sewer which was located in the centre of Westminster Bridge Road. Upon attending a site visit, Perco were able to suggest installing via Timber Heading technique.

Perco received instruction for works, to which temporary works designs commenced on the launch shaft & the heading, once all pre-design works had

been undertaken & approved; the works commenced on mobilising to site.

Works commenced on excavating the launch shaft to 4 mtr depth.

Heading works then commenced for a total distance of 7mtrs to the brick egg sewer.

Once the tunnel reached the sewer, Perco undertook a sewer connection to the Thames Water brick egg sewer & then commenced with the installation of the 375mm concrete pipe, to which was packed with dry — lean concrete.

A new 1200mm diameter manhole was constructed with in the shaft & the area backfilled.

All works where completed in 9 days to programme & budget.

For more information please contact the estimating team on 0115 9335000.