

Wellclose Square Tunnel



Supply and labour plant and materials to excavate and construct sprayed concrete enlargements within existing 2.85m ID tunnel.

Enlargements ranged from 4.6m ID to 7.2m ID over a length of 80m and spur tunnel for the recovery of a TBM.

Works were carried out in shifts 24 hours per day using CPI silo mix concrete.

Considerable challenges were met in dealing with the pre-existing tunnel and the ground conditions encountered.

Key aspects

- Demolition and enlargement of existing tunnels
- Poor ground conditions
- Excavation with Schaeff
- Civils on surface structures

KEY ASPECTS:

Demolition and enlargement of existing tunnels

Poor ground conditions

Excavation with Schaeff

Civils on surface structures

CLIENT

J Murphy & Son
for UK Power
Networks

COMPLETED

February 2015

