



Tunnelling

Case study

Tunnel Boring Machine (TBM) "Charlotte" was required by Thames Tideway to be lifted from the ground out of the shaft at King George's Park, in London.



ALS' specialist Project Manager in Hull arranged for the TBM sections to be transported over 2 days with a private escort vehicle back to Dormay Street.

Dimensions of loads:

1 x Stationary Shell - 45,000kg
L:2.70m x W:3.40m x H:3.40m

1x Forward Shell - 50000kg
L:2.70m x W:3.40m x H:3.40m

1x Tail Can - 8000kg
L:2.70m x W:3.40m x H:3.40m

The TBM will be placed back in the ground and used to tunnel a further 600 metres north to Fulham, it is being used as part of the Thames Tideway Tunnel Supersewer project to clean the River Thames from sewage pollution.