



SCHEMBERA

Consulting ZT

# KING'S CROSS, GASWORKS TUNNEL

## PROJECT SHEET



### LOCATION

King's Cross, Gasworks Tunnel – East Bore, London, England

### CLIENT

Rhomberg Sersa UK Limited

### PERIOD

February 2019 to September 2019

### DESCRIPTION

Outside of the train station King's Cross in London there are 3 tunnels, the so-called Gasworks Tunnels. The east bore of these tunnels was closed for several decades and not available for railway services. This tunnel was re-activated and open for public rail services. The railway tracks used in this tunnel is a slab track of the system Slab Track Austria (STA). Despite this, the crossovers were built in the track system LVT Standard. Outside of the portals of the tunnel transitions to the ballasted tracks are located.

### SERVICES

Consulting for the general design of the Slab Track Austria and the turnouts in LVT Standard system. Check engineer for the design of the slab track, the turnouts, the prefabricated track slabs with derailment protection, the track slabs with a softer support, the load distribution slab in the area of the tunnel portals and the transitions between slab track and ballasted tracks.