

TUNNEL COMPLEX BLANKA – TUNNEL BRUSNICE

Technical support

Country: Czech Republic

Client: Metrostav a.s.

Year: 2009 - 2010

Project description:

The Blanka tunnel complex in Prague is situated in the north-western part of the City Circle Road (the inner circle), in the Malovanka – Pelc Tyrolka section. The total length of this section is 6.382 km; the aggregate length of Blanka tunnels reaches respectable 5.5 km. The Blanka tunnels pass through the urbanised environment of the central part of the city, and also under the space of the natural monument of Stromovka Park (Royal Deer Park). The complex comprises three main tunnel sections.



The Brusnice tunnel section leads from the northern portal of the Strahov tunnel to the Prašný Most intersection. The mined part of tunnels is 550 m long, it has two three-lane tubes (NTT and STT) excavated by NATM in shales, sandstones, quartzites and loesses.

Project contribution:

- ◆ Supervision and changes of the detail design documentation
- ◆ Technical assistance during excavation

Services provided:

- ◆ Technical assistance to the contractor
- ◆ Supervision of the detail design documentation
- ◆ Optimisation of the excavation classes
- ◆ Numerical modelling to prove proposed variants

