

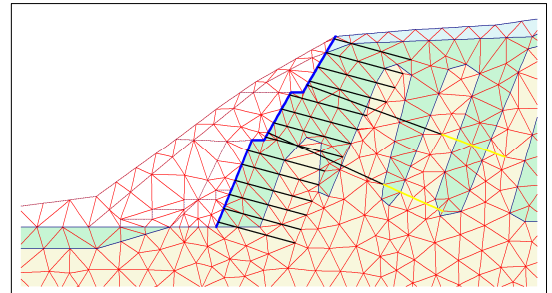
TUNNEL PRACKOVICE

Supervision and technical support

Country: Czech Republic
Client: Road and Motorway Directorate of the Czech Republic
Year: 2008 - now

Project Description:

The Prackovice tunnel is located on the highway D8 between towns Lovosice and Řehlovice. The tunnel has two two-lane tubes 270 and 260 m long. The tunnel was excavated using NATM in basalts and tuffs. The rock mass in area of excavation was disrupted by coyote-hole blasting in past (quarry for stones).



A pilot adit was excavated in 2005 prior the main tunnel excavation. The tunnel NATM construction started from the Prague portal in 2008. The Prague portal had to be stabilised in December 2008 due to higher deformations. A concrete block with inclined micropiles was generated between tubes to stabilise portal. Tunnel excavation was completed in 2009.

Project Contribution:

Technical support, continuous supervision of the project design, independent construction supervision for the client.

Services Provided:

- ◆ Advisory a consultancy services for the client
- ◆ Project design supervision
- ◆ Construction supervision and optimisation of NATM classes
- ◆ Numerical modelling to verify design

