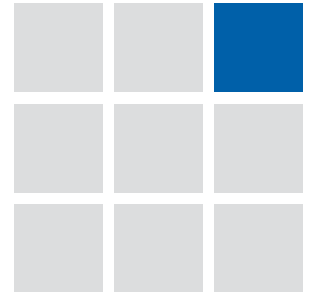


IKP Consulting Engineers Geotechnics and Underground Structures



CONSULTING
ENGINEERS



■ Highway tunnel Libouhec – highway D8 Prague/Dresden

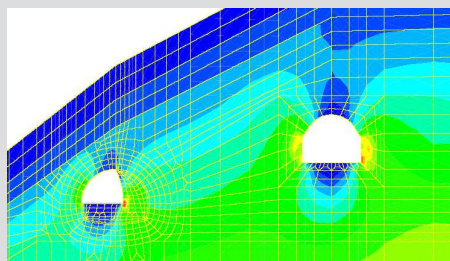
Geotechnics and Underground Structures department

The Geotechnics and Underground Structures department has been an integral part of the firm since its foundation, and belongs to leading trades of the company.

The department processes and fulfils complex orders both home and abroad. It offers collaboration in the field of consultancy, supervision, selection of contractors, elaboration of design documents of all stages including its discussion, author supervision and engineering supervision of the work etc.



■ Railway tunnel Malá Huba on the line Česká Třebová - Olomouc



■ MKP calculations by RIB TUNNEL program

Range of activities:

In the area of underground construction the department specializes above all in:

- road tunnels
- railway tunnels
- underground railways
- adits and cavities



■ Railway tunnel Hněvkov – "turtle" technology

In the area of geotechnics and special foundation engineering, the department designs:

- deep shafts and pits
- lagging walls, anchored/not anchored
- calculations of slope stability
- supporting and protection structures
- reinforced earth embankments and dikes

The designs include latest technologies and excavation methods used in advanced tunnelling countries.



■ Railway tunnel Olbramovice, line Prague/Linz



■ Prague ring tunnel Cholupice



■ Railway tunnel Vepřek, line Prague/Dresden



■ Tunnel Březno – shaft for emergency exit



■ Underground Educational Facility Josef



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