

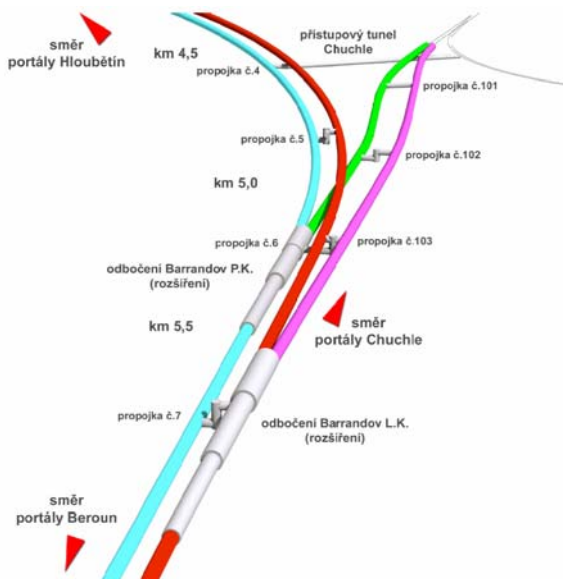
TUNNEL PRAGUE – BEROUN

Preliminary design check and technical support

Country: Czech Republic

Client: Railway Infrastructure Administration, state organization
Civil Engineering Administration, Plzen

Year: 2006 - 2007

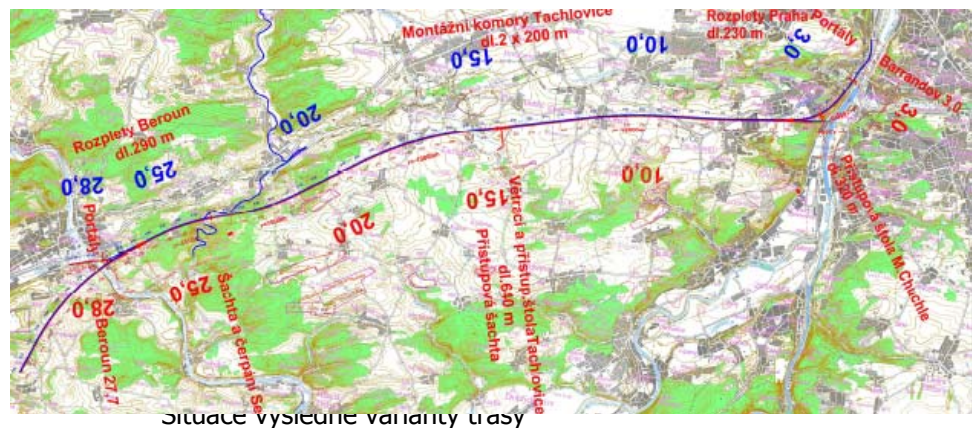


Project Description:

The section Prague – Beroun is a part of the third railway corridor, Prague – Plzeň – Cheb – Germany. Requirement for the high-speed track parameters led to the conclusion that current route along the Berounka River can not serve to this purpose. Given the landscape character, the new route will lead mostly through 24.7 km long tunnel (with speed up to 270 kph). A preliminary study of the project expects TBM excavation of two single-track tunnels, some parts will be excavated conventionally (cross passages, turnout chambers, running tunnels in area of Prague portals, etc.). Several variants of route were evaluated, the most appropriate seems to be North variant (varianta 1) which minimizes ratio of excavation to be executed in karst. An internal tunnel profile will probably be the same as the profile of Swiss base tunnels.

Project Contribution:

D2 Consult provides continuous preliminary design check and technical support of the client. D2 Consult also realizes background research of the similar projects (due to atypism of the project).



Situace výškové varianty trasy

