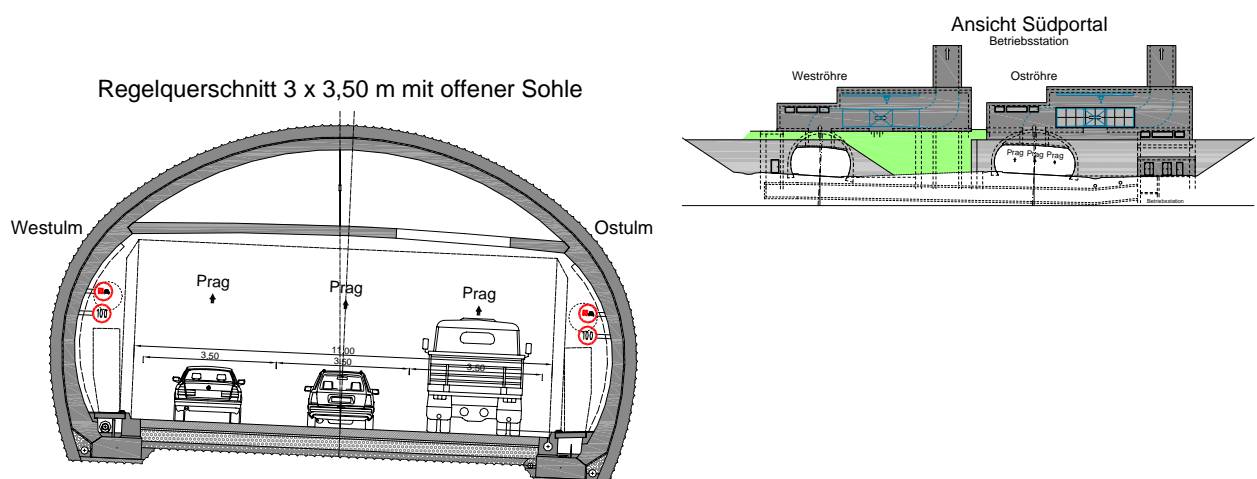


Project	Freeway S10 – Mühlviertler Schnellstraße Tunnel Götschka
Client	ASFINAG Construction Management Corporation
Consulting Services	2005-2007 feasibility study and approval planning
Total Costs	US \$ 207.6 Mio.
Technical Data	road tunnel with 2 tubes (two-way traffic) eastern tube: 4,422.5 m length / three-lane / full section > 114 m ² western tube: 4,454.0 m length / two-lane / full section > 86 m ²



Description

The new freeway S10 will lead from Unterweikersdorf in the north of Linz – connection to the existing motorway A7 – to the Czech boarder near Wullowitz. The southernmost tunnel of this route is the Tunnel Götschka. It consists of two tubes, the one in direction to Linz with two lanes, the other one with three lanes. 17 cross passages are connecting the both tunnel tubes. At four locations the tubes are widened in order to hold a breakdown niche. At the portals short stretches with lengths of 12.5 to 50 m are constructed as cut-and-cover. The gradient of the alignment is 3.6 %. An intermediate ceiling is required for the cross-ventilation concept. Two ventilation systems are situated near the portals.

The southern third of the tubes is expected to run through grano-diorites and granites, for the other thirds frequently changing types of granite are predicted.