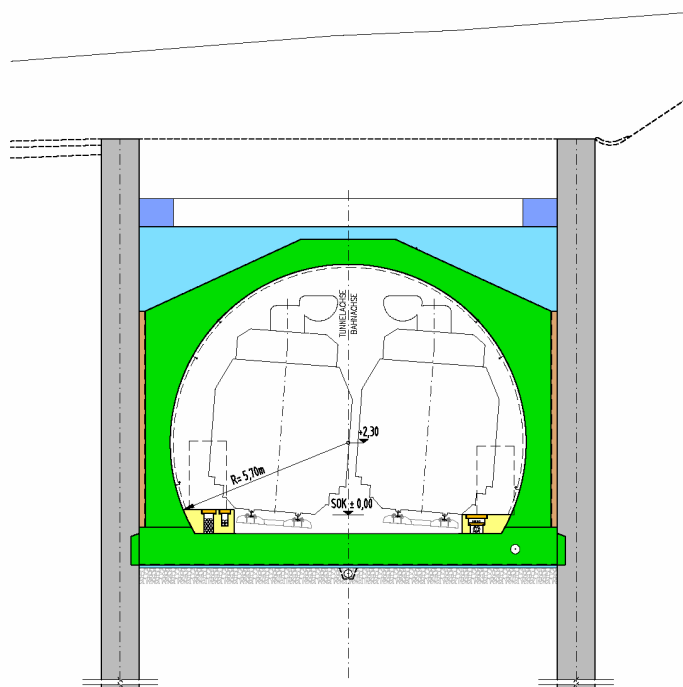
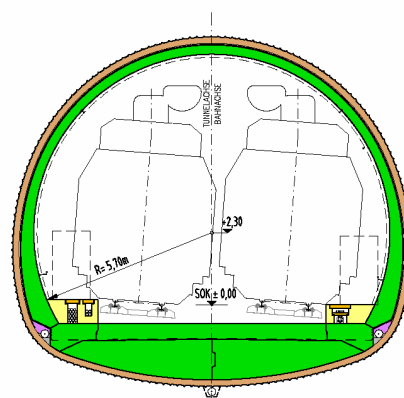


Project	Rapid Railway Graz-Klagenfurt Tunnel Hengsberg
Client	Austrian Federal Railways [ÖBB]
Consulting Services	2005-2009 design and tender documents, construction management, geotechnics
Total Costs	US \$ 58.6 million
Technical Data	tunnel length: 1,659 m

OFFENE BAUWEISE



BERGMÄNNISCHE BAUWEISE



Summary

The Tunnel Hengsberg is part of the new railway line between Graz and Klagenfurt with a length of 130 km. In the West of Graz this tunnel crosses with low overburden (8-38 m) the high of Hengsberg which consists of tertiary deposits. The NATM section has got a length of 1035 m, the remaining part will be constructed cut-and-cover.