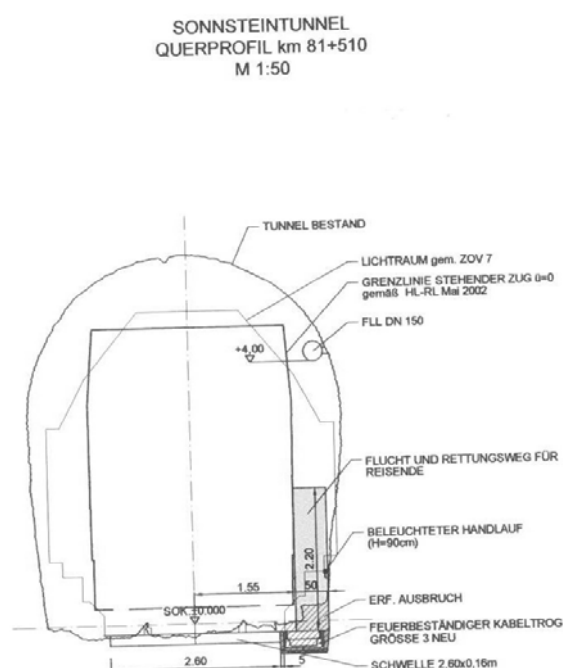


Project	Sonnstein Railway Tunnel
Client	Austrian Federal Railways
Consulting Services	consulting, feasibility study, preliminary design; tender design and tender documents; detailed design
Total Cost	~ 1.7 Mio US\$
Technical Data	single track railway tunnel, 1430 m length



Description

To increase safety of the Sonnstein Railway tunnel a couple of measures are being planned. After the already completed construction of two escape galleries, the Sonnsteintunnel is now provided with an escape route along the track. Due to the narrow cross section of the 130 year old tunnel, reprofiling work is necessary, which requires gentle removal of the existing brickwork lining.

Additionally, a water supply line is designed. Various electromechanical equipment will be installed to ensure a higher safety in the tunnel in case of emergencies as well as for maintenance works.