

A9 Visp South Bypass Road (VS): Eyholz and Visp Tunnels and Staldbach-Bridges

Bauherr

Department of Transport, Construction and Environment of Valais Canton, Office of National Road Construction

Projektierung

IUB Engineering Ltd in consortium

Zeitraum

2005-2015 Eyholz Tunnel
 2005-2020 Visp Tunnel
 2004-2006 Staldbachbridges

Baukosten

Eyholz Tunnel: CHF 722 Mio.
 Visp Tunnel: CHF 425 Mio.
 Staldbachbridges: CHF 15 Mio.

Leistungen

- Feasibility study
- General design/preliminary project
- Detailed design/construction project
- Input for the detailed project for construction
- Implementation project
- Construction supervision
- Commissioning and completion

Beschreibung

The Visp South Bypass is part of the A9 road completing the national road network in the communities of Visp and Eyholz. It consists of both the Eyholz and Visp tunnels as well as Staldbachbridges, which pass over the Vispa Valley and connect the two tunnels.

Eyholz Tunnel consists of two tubes each with two lanes as well as underground junctions connecting the entrance and exit tunnels with the cantonal road in the Vispa Valley. Visp Tunnel is composed of a new dual lane tube as well as the underground half junction of the national road with the Vispertäler. The existing Vispertal Tunnel will be incorporated as part of the south tube of the A9. The half junction consists of 3 underground junctions, an overpass tunnel and the existing Vispertal Tunnel as the exit to Zermatt. Cross connections to the adjacent tube serving as escape routes for pedestrians and vehicles are integrated into the tunnel.

Both tunnel tubes have operation and ventilation stations at the tunnel portals as well as underground technical rooms to house operation and safety system components. The new tunnel tubes have intermediate ceilings above which there is an exhaust air duct.

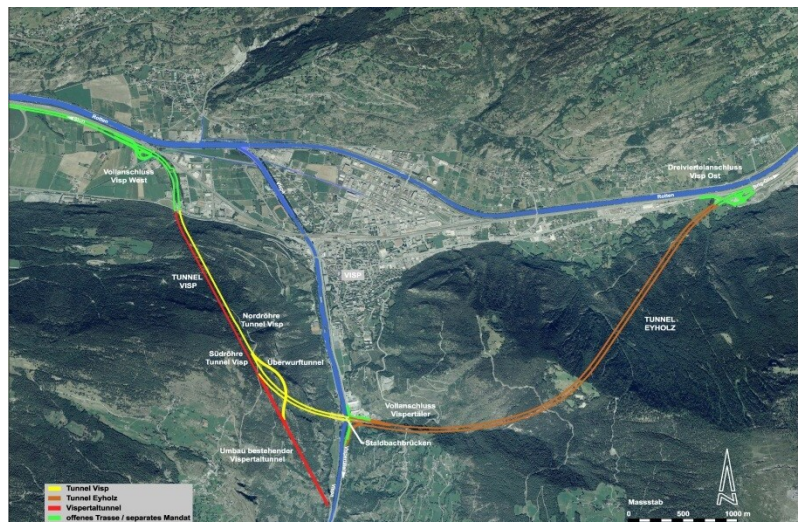
In the existing Vispertal Tunnel the intermediate ceiling will be rebuilt and adapted to the new ventilation system with jet fans in the tunnel and air will be extracted via



Eyholz tunnel after completion of the construction work



Vispertal tunnel under construction



Overview