



SACHSELN SAFETY GALLERY, A8

SACHSELN (CH)

EMPLOYER

Federal roads office FEDRO, CH-4800 Zofingen

TIME OF COMPLETION

02.2014 – 11.2017

CONTRACT SUM

CHF 41 Mio.

EXECUTION OF THE WORK

ARGE SiSto Sachseln

CONSORTIUM PARTNERS

Marti Tunnel AG, CH-3302 Moosseedorf
Marti Bauunternehmung AG, CH-6002 Lucern

LEAD COMPANY – TECHNICAL AND COMMERCIAL LEAD

Marti Tunnel AG, CH-3302 Moosseedorf

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SCOPE OF THE WORKS

Sachselsn Safety Gallery, A8 Canton of Obwalden

WORK DESCRIPTION

Underground works:

- Tunnel L = 5'030 m Ø 4.20 m
hard rock TBM with gripper
- Cross cuts A = 12 m² 20 pcs
drill and blast
- Inner lining 28'000 m³
shotcrete reinforced
- Rock bolts 13'500 pcs
- Reinforcing mesh 160'500 m²
- Steel profile 270 t
- Concrete 8'000 m³
- Excavation total 242'500 t

Aeration tunnel Altbiel

- Length 135 m
- Slope 7.6 - 25.9 %
- Cross section 14.7 m²

Special feature

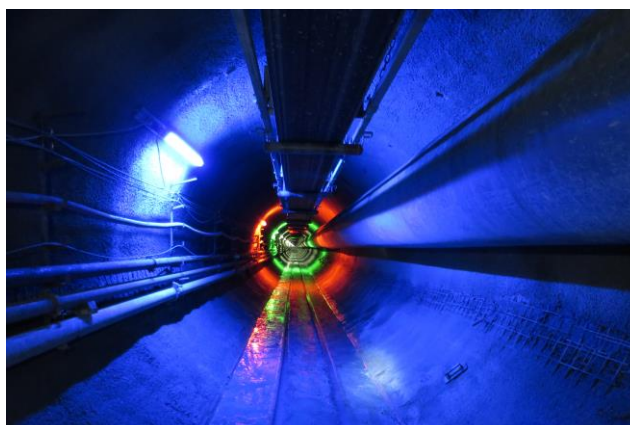
Outbreak with 4.5 m distance to the busy national road N08 in the MUF and SPV

Surface works:

- Pit with nailed wall 2 x 270 m²
- Technical buildings 2 pcs
- Ventilation Saccardo
- Nailed wall 2 x 270 m²
- Bolts 2 x 115 pcs
- Concrete 2 x 1'200 m³
- Steel reinforcement 2 x 280 t

GEOLOGY

- Marl
- Sandstone
- Wildflysch



24.10.2016