



TUNNEL CLEARANCE BELCHEN (STB), A2 HÄGENDORF (CH)

EMPLOYER

Federal roads office FEDRO, CH-4800 Zofingen

DESIGNER

IG STBelchen, c/o Emch+Berger AG, CH-3001 Bern

TIME OF COMPLETION

2015 - 2019

CONTRACT SUM

CHF 277 Mio.

EXECUTION OF THE WORKS

ARGE MARTI BELCHEN

CONSORTIUM PARTNERS

Marti Tunnelbau AG, CH-3302 Moosseedorf

Marti AG Basel, CH-4053 Basel

Marti AG Solothurn, CH-4500 Solothurn

LEAD COMPANY – TECHNICAL AND COMMERCIAL LEAD

Marti Tunnelbau AG, CH-3302 Moosseedorf

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SCOPE OF THE WORKS

Third tube of the Tunnel Belchen

Length = 3'177 m

ACTIVITIES

- Excavation with a single shield TBM $\varnothing = 13.94$ m, with precast segments (6+1) $d = 35$ cm and simultaneous inner lining, laying of the last cycle within 4 months
- Volume of excavation: 510'000 m³
- 11 cross cuts $A = 20 - 40$ m²
- Complete sealing with Hot-Melt process
- Inner ring $d = 40 - 81$ cm
- Technical gallery under the roadway
- Suspended ceiling
- Benches

GEOLOGY

- Gypsum keuper
- Opalinus clay
- Shell limestone, limestone



17.03.2016



Mart AS

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