



TUNNEL RAIMEUX AND TUNNEL ROCHE ST-JEAN HIGHWAY, A16 MOUTIER (CH)

CLIENT

Highway departments of the States of Berne, CH-3011
Berne and Jura, CH-2502 Biel

ENGINEER

Ingenieurgesellschaft GVH+BG, CH-2740 Moutier

SITE SUPERVISION

Highway department of the States of Berne, CH-3011

TIME OF COMPLETION

1999 – 2006

CONTRACT SUM

CHF 126 Mio.

EXECUTION OF THE WORK

Groupement Tunnel du Raimeux

CONSORTIUM PARTNERS

Marti Tunnel AG, CH-3302 Moosseedorf
Marti AG Bern, CH-3302 Moosseedorf
Marti Travaux Spéciaux SA, CH-2087 Cornaux
Parietti & Gindrat SA, CH-2900 Porrentruy
Pro Routes SA, CH-2710 Tavannes
Georges Chételat SA, CH-2822 Courroux

LEAD COMPANY – TECHNICAL AND COMMERCIAL LEAD

Marti Tunnel AG, CH-3302 Moosseedorf

TUNNEL RAIMEUX AND TUNNEL ROCHE

ST-JEAN HIGHWAY, A16

MOUTIER (CH)

PROJECT DESCRIPTION

Lot R1 - Tunnel Raimeux: National road tunnel A16 between Moutier and Choindéz

- Length 3'211 m
- Excavation 68 - 112 m²
- Caverns 2 pcs.
V = 3'550 m³ and 2'250 m³
- Exhibition bays 4 pcs.
- Cross passages 11 pcs.
- Safety gallery
- Ventilation shaft Ø = 6 m, H = 250 m
- Div. annex buildings
- Interior work: waterproofing, concrete vaulting and suspended ceiling

Los R1 - Tunnel de la Roche St-Jean: Two-lane road tunnel between Moutier and Choindéz

- Length 211 m
- Excavation 93 m²

WORK DESCRIPTION

- Blasting in lime
- Roadheader in marl (calotte, strosse)
- Rock protection with anchor, steel fibre sprayed concrete and installation sheet
- Jettingschirm by slope debris cone at the North portal, L = 14 m
- Ventilation shaft in Raise Drill process and explosive expansion
- Pipe screen driving through molasse section from the South portal, L = 560 m

GEOLOGY

- Jura Limestone
- Marl
- Molasse



08.04.2019