TUNNEL DE BURE, A16
COURTÉDOUX (CH)

CLIENT
République et Canton du Jura, CH-2800 Delémont

DESIGNING ENGINEER AND SITE SUPERVISION
Ingenieurgemeinschaft
GGT SA + Gähler & Partner AG, CH-5408 Ennetbaden

TIME OF COMPLETION
2007 - 2010

CONTRACT SUM
CHF 132 Mio.

EXECUTION OF THE WORK
Groupement Tunnel de Bure

CONSORTIUM PARTNERS
Marti Tunnel AG, CH-3302 Moosseedorf
Parietti & Gindrat SA, CH-2900 Porrentruy
Marti Travaux Spéciaux SA, CH-2087 Cornaux

LEAD COMPANY – TECHNICAL AND COMMERCIAL LEAD
Marti Tunnel AG, CH-3302 Moosseedorf
SCOPE OF THE WORKS
National highway A16
Lot 2.602
- Double track tunnel between Boncourt - Porrentruy
- Length of the tunnel L = 3 091 m
- Ventilation buildings on top of three ventilating shafts
- 3 double sided emergency stopping bays
- Ventilation buildings at both portals

ACTIVITIES
- Excavation with TBM-drive Ø = 12.60 m, A = 125 m², with concrete segmental lining
- Excavation; L = 2 902 m
- Production of the segments in our own factory in Klus-Balsthal
- Systematic exploratory drilling ahead the face to identify Karst caverns
- Excavation of the 2 ventilation shafts and one access shaft by drill and blast H = 25 m, Ø = 5 m
- Interior work; technical gallery under the roadway, waterproofing membrane, concrete lining, ventilation slab, roadwork and pavements, ventilation buildings, cut and cover sections at both portals

GEOLOGY
- Jura limestone
- Marl
- Transition zone highly karstified about 250 m