TUNNEL DE COURT, A16
COURT (CH)

EMPLOYER
Canton of Berne - Road administration department, CH-3011 Bern

DESIGNER
Tunnel :
Groupement d’ingénieurs IG-BA, CH-3000 Bern

Roadwork :
Association d’ingénieurs N16 C-T, CH-3000 Bern

TIME OF COMPLETION
April 2012 – November 2016

EXECUTION OF THE WORK
Association Tunnel de Court

CONSORTIUM PARTNERS
Tunnel excavation and lining :
- Marti Tunnel AG, CH-3302 Moosseedorf

External works, roadwork :
- Marti Travaux Spéciaux Neuchâtel SA, CH-2087 Cornaux
- Marti AG Bern, CH-3302 Moosseedorf
- Pro Routes SA, CH-2710 Tavannes
- Parietti & Gindrat SA, CH-2800 Porrentruy

CONTRACT SUM
CHF 70 Mio.

LEAD COMPANY – TECHNICAL AND COMMERCIAL LEAD
Marti Tunnel AG, CH-3302 Moosseedorf
TUNNEL DE COURT, A16
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SCOPE OF THE WORKS
Tunnel de Court A16 (CH)
Bi-directional tunnel, Lot 200 C
Length of section 705 m
Cross section 130.9 m
Tunnel length 650 m
Portal west 30 m
Portal east 25 m
Road construction 914 m
(east 556 m and west 358 m)

ACTIVITIES
Underground works:
- Tunnel excavation 84’500 m³
  (top heading and bench method)
- Steel beam support 3’100 t
- Pipe umbrella 32’000 m of pipes
- Total concrete volume 30’000 m³

Service channel underneath roadway.
Service buildings at both portals.
Portal area support with retaining wall (bored piles with shotcrete bracing).

Main quantities at portals:
- Excavation 50,000 m³
- Bored piles 2’200 m
- Concrete 2’000 m³
- Backfill 27’000 m³

GEOLOGY
- Marl
- Sandstone

13.07.2015