TUNNEL DE CHOINDEZ, A16
COURRENDLIN (CH)

CLIENT
République et Canton du Jura, CH-2800 Delémont

DESIGNING ENGINEER AND SITE SUPERVISION
GETUC Groupement d’Etudes Tunnel de Choindez, CH-2800 Delémont
GVH Delémont SA, BG Ingénieurs Conseils SA, GGT SA, CH-2800 Delémont

TIME OF COMPLETION
2011 - 2015

CONTRACT SUM
CHF 190 Mio.

EXECUTION OF THE WORK
Groupement Tunnel de Choindez

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

LEAD COMPANY – TECHNICAL AND COMMERCIAL LEAD
Marti Tunnel AG, CH-3302 Moosseedorf
TUNNEL DE CHOINDEZ, A16
COURRENDLIN (CH)

SCOPE OF THE WORKS
Tunnel de Choindez – National road A16 (CH)
Lot 8.500, section 8
Delémont East – Frontier Canton Jura-Berne
- Double-track tunnel:  L = 2'790  m
- North portal: cut and cover section:  L = 420  m

ACTIVITIES
- Total excavation volume  343'000  m³
- transport with convey in the existent pilot
gallery from the south to the north portal

South portal:
- Drill and blast method in limestone  total 2'028  m
- Road-header advance in marl  total 353  m
- Ventilation cavern  22'000  m³
- Ventilation gallery  A = 14 m², L = 125  m

North portal:
- First 405 m with pipe umbrella excavation
- Cut and cover concrete tunnel  420  m

Inner lining:
- Waterproofing membrane
- Concrete lining and suspended ceiling
- Total concrete  162'000  m³

GEOLOGY
- Jurassic limestone
- Marl
- Molasse