



TUNNEL ISLISBERG, A4

BIRMENS DORF (CH)

EMPLOYER

Public work management of the canton of Zurich,
CH-8001 Zürich

DESIGNER

Grouping of engineers N4.1.6, CH-6460 Uri

TIME OF COMPLETION

2003 - 2008

CONTRACT SUM

CHF 235 Mio.

EXECUTION OF THE WORK

ARGE IBT Islisbergtunnel

CONSORTIUM PARTNERS

Marti Tunnel AG, CH-3302 Moosseedorf
Ed. Züblin, DE-70567 Stuttgart
Marti AG, Bauunternehmung, CH-8050 Zürich

LEAD COMPANY AND TECHNICAL LEAD

Marti Tunnel AG, CH-3302 Moosseedorf

COMMERCIAL LEAD

Marti AG, Bauunternehmung, CH-8050 Zürich

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SCOPE OF THE WORKS

Section Uetliberg West – Knonau

- 2 tunnels of 4'950 m
- Excavation cross section A= 110 m²
- 3 ventilation chambers north, south and central
- 15 pcs cross cuts, of that 5 driveable

ACTIVITIES

- TBM-drive Ø= 11.86 m with concrete segmental lining
- Inner lining with PE-waterproofing membrane, service duct, concrete internal ring and suspended ceiling
- Jetting drive in soft ground section at north and south portal

GEOLOGY

- Upper Zürich fresh water molasses



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Marti Tunnel AG

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