



Biel Tunnel East Branch

Data and facts

Company	PORR Bau GmbH and PORR SUISSE AG in a consortium
Type	Tunneling
Runtime	09.2007 - 05.2015
Principal	Canton Bern, Civil Engineering Authority

[Project report online](#)

www.porr-group.com



New table-type bridge structure allows rail operations to continue uninterrupted

Finally, the eleven cross-cuts linking the two tunnel tubes were driven with the support of watertight ground blocks, and artificial ground freezing in zones of unconsolidated sediments.

Construction facts:

- Expansion of the two twin tunnels using hard-rock and earth-pressure tunnelling with segmental lining and final lining using a multimode shield (diameter: 12.60m, cross section: 124.69m²)
- Tunnel lengths: Büttenberg Tunnel: two times 1,230m, Längholz Tunnel: two times 2,330m
- Building four open-cut excavations and tunnels at the tunnel portals

Impressions



Image notes

1

Group photo Biel East Branch

Breakthrough of the TBM

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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