



Infrastructure measures SBB Zugersee Ost, structural work

Data and facts

Company	PORR SUISSE AG as part of a consortium
Type	Railway construction
Runtime	03.2019 - 09.2020
Principal	SBB AG

[Project report online](#)

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Double track extension with lake view.

The four sub-projects were:

1. double-track extension Walchwil
2. substance preservation single-track tunnel
3. substance preservation of buildings and roadway Zug - Arth-Goldau
4. protective structures (Baltisberg and Härzigwald)

After one and a half years of construction, the project was completed to the fullest satisfaction of the client SBB AG.

To the SRF report «Tight deadlines at SBB's longest construction site»

Impressions



Image notes

1

Double-track expansion in record time.

In Walchwil, a second lane was built over 1.7km for rail traffic.

3

Tunnel construction with 109m³ SCC concrete.

Tunnel Büel - south portal: extension from single-track to double-track tunnel.

2

Rock removal: Nothing works without our so-called Fels-Team.

After the rock was removed, a new timber-framed building with anchoring was constructed.

4

Old becomes new.

After dismantling the old steel bridge, a reinforced concrete bridge including foundations, a new stream wall with a facing layer of natural stone and the necessary new works pipes were built.

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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