RHOMBERG SERSA RAIL GROUP



Capacity increase Basel rail node Lot 1

Basel, Switzerland

As part of the Strategic Development Programme for Rail Infrastructure (STEP), the expansion of the Basel rail node was approved, resulting in increased capacity demand at Basel SBB station. To accommodate this, the construction of an additional platform and the expansion of the southern track layout were planned.

The project scope for lot 1 covered Münchenstein, Basel SBB and St. Johann and was divided into seven phases. The main works were located at Basel station. Around ten different trades were involved, requiring a high level of coordination during execution. Cable works were also included in lot 1.

Advantage: RSRG was also involved in lot 6, which included overhead line works, enabling synergies to be utilised. Third-party projects such as turnout and track renewals under general contracting were partly executed in parallel.

Location:	Basel, Switzerland
Client:	SBB AG, Infrastructure – Development and Renewal Projects
Construction period:	January 2023 – December 2025
Services:	Demolition of existing buildings, platforms and platform roofs; Various railway civil engineering works; rack and turnout construction including substructure renewal; Engineering structures such as support of the passenger overpass and a cut-and-cover access tunnel; Foundations (with micropiles); Logistics services
Executing companies:	Rhomberg Sersa Rail Group (Switzerland)
Involved partners:	Frutiger AG, Ziegler AG

Contact:
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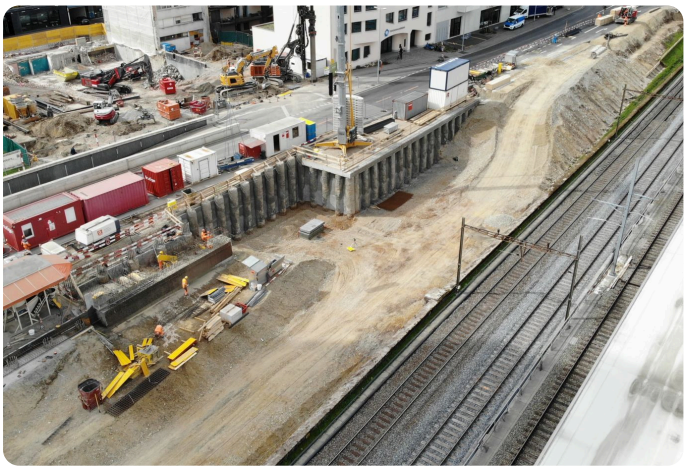
Read more:

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Special features
- ✓ High coordination effort between multiple trades/lots and specialist services
- ✓ Short night possessions and precise planning due to operational constraints (Basel SBB station)
- ✓ Multiple parallel work sites across the entire project area (St. Johann – Basel PB – Münchenstein)
- ✓ Complex and high-precision execution
- ✓ Rail logistics via St. Johann required for all platform reconstruction works

Key personnel
- ✓ Overall Project Management (JV): Stefano Cheli
- ✓ Deputy Contract Manager: Dominik Brügger
- ✓ Site Manager: Michel Martig
- ✓ Project Manager Rail Systems: Ramazan Sönmez
- ✓ Construction Managers: Raphael Siegenthaler, Fabian Weber
- ✓ Site Supervisors: Rasim Zeherovic, Hüseyin Kidik
- ✓ Modelling: “Digital Rail Services” team of RSRG

Technical data
- ✓ Demolition of existing buildings, platforms and platform roofs
- ✓ Various railway civil engineering works (track and platforms)
- ✓ Track and turnout construction including substructure renewal
- ✓ Cable removal, installation and protection works within the project area
- ✓ Track civil works (mast foundations, cable ducts, utility lines, shoulders)
- ✓ Bored pile walls and massive retaining structures
- ✓ Engineering structures such as support of the passenger overpass and a cut-and-cover access tunnel
- ✓ Foundations (with micropiles)
- ✓ Logistics services for own and third-party works





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