

Refurbishment of the Wipkingen Tunnel – General Contractor Tunnel

Zurich, Switzerland

The “Wipkingen Tunnel Refurbishment” project comprised the rehabilitation and modernization of the historic railway tunnel in Zurich. It was originally excavated using mining methods in 1856. The tunnel was refurbished in 1986 and 1989, and a covered section was constructed on the Wipkingen side. The project described here involved the refurbishment of this structure.

The main tasks included:

- ✓ Tunnel vault refurbishment
- ✓ Track renewal
- ✓ Cable systems
- ✓ Temporary works
- ✓ Other general services, such as rail logistics, environmental measures, surveying and monitoring services, etc.

Location:	Zurich, Switzerland
Client:	SBB AG, Infrastructure – Expansion and Renovation Projects
Construction period:	July 2023 – February 2025
Services:	The “Wipkingen Tunnel Refurbishment” project comprised the rehabilitation and modernization of the historic railway tunnel in Zurich.
Executing companies:	Rhomberg Sersa Rail Group (Switzerland)

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The project was divided into two construction phases: the “vault refurbishment” phase, carried out in 2023, and the “track” phase in 2024. Works on the vault were executed track-bound during short night closures. Track refurbishment was carried out during a continuous single-track closure with nightly operating breaks on the respective operational track.

Special Features

The project was successfully completed despite numerous challenges. The close cooperation with SBB, subcontractors and other parties involved, as well as the individual competencies within the RSRG Group, made a significant contribution to this success. The proactive approach of the RSRG managers and flexible project management enabled the project to be completed on schedule while meeting all quality and safety standards.

- ✓ Works under ongoing rail operations
- ✓ Complex logistics and restricted access
- ✓ Coordination
- ✓ Environmental protection requirements









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