

Tunnel and underground construction

Tunnel and underground construction provides a basis for the realization of infrastructure projects in an environmentally sustainable manner, as well as in a manner that limits the overall impact on nearby settlements and transportation routes. Indeed, there is an increasing demand in our society today for underground solutions for railways, railway stations, roads, flood control systems, supply lines and waste management systems. Our work in this area focuses both on the building of new structures and the rehabilitation of existing tunnel systems.

We have a qualified and experienced team of tunnel construction specialists. We offer comprehensive services in the areas of construction, modification and rehabilitation of road and railway tunnels, as well as underground railway stations:

- Concept and feasibility studies
- Design, project management and supervision of construction works
- Cost estimates
- Consulting
- Safety concepts
- Drafting of operation manuals and system commissioning

High-quality and efficient tunnel construction depends on an optimal integration of the various specialist disciplines involved, such as tunnel ventilation, electromechanical applications, traffic management, signaling, railway operation, railway engineering, construction-site logistics, materials management, environmental impact studies and legal matters. Thanks to our decades of experience, achieving optimal harmonization in this connection is one of our greatest strengths.

Our clients include public-sector enterprises such as the Swiss Federal Office of Transport (FOT) and the Swiss Federal Roads Office (FEDRO), various Swiss cantons, Swiss Federal Railways (SBB) and various private-sector railway operators.