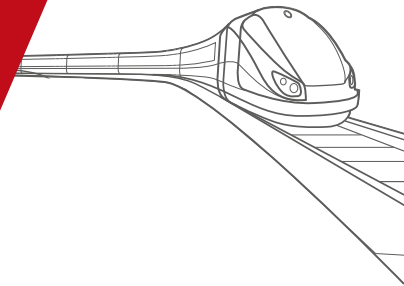


Civil Engineering Structures



» DESIGNING

• CHALLENGES

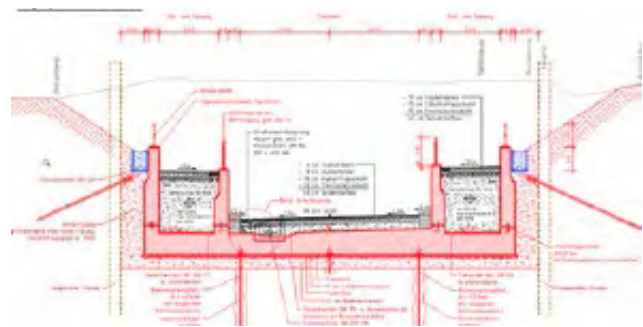
Existing structures such as engineering structures and noise barriers, as well as stations and their accesses, regularly need to be audited to ensure that they remain safe. Besides, when new structures are designed - sometimes as part of larger

TTK takes into account the maintenance of the structure and the evolution of uses from the design to stage

projects - they need to take into account possible future changes in their use.

In the scope of auditing and renovation of engineering structures, the objective of our studies is to evaluate the needs and define the

solutions to comply with safety and regulatory standards. When designing new structures, our studies identify the best type of structure to match the local context and the identified needs. Particular attention is paid to landscape integration.



• OUR ASSETS

TTK offers support to contracting authorities from the design stage to the actual implementation of projects. This complete knowledge of the involved procedures enables us to anticipate and solve any technical or regulatory difficulties that may arise from the very first phases of the studies. The stages of a project are : analysis of the current situation, definition of technical and political objectives and orientations, design and evaluation of scenarios (pre-sizing, sizing), definition of implementation modalities.

Our expertises: Reinforced concrete structures - retaining walls - acoustic screens - footbridges- lifts - tunnels audit and renovation of civil engineering structures and design of engineering works

