

Bypass construction



The project centered on the planning work for an approximately 4-kilometer bypass road to relieve the Swiss town of Aarwangen of excessive highway-bound passenger and heavy-vehicle traffic. While the bypass road is to be built largely at ground level, the route will include a 480-meter bridge across the Aare River and a 500-meter tunnel. Working together with the Locher engineering firm, we completed the planning for the bypass, including all of its engineering structures. While completing our work, we devoted special attention to protecting the sensitive, distinctive, and biodiverse habitat of the Aare region. This was achieved with special solutions and extensive conservation measures.

Our services

- Overall project management and leadership of the engineering team
- Planning of all engineering structures during the project's development and public-approval phases, including a bicycle and road underpass, two bridges for road and rail traffic, cut-and-cover tunnel (including the pilot cut), retaining walls, and tunnel control center

Client

Canton of Bern, Engineering Office

Facts

Period 2018 - 2021

Project Country Switzerland

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Aare bridge, visualization by Swiss Interactive AG



Spichigwald tunnel entrance and control center, visualization by Swiss Interactive AG

Main Image: Bypass Aarwangen, Riesenacker segment

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