

FEDERAL ROADS OFFICE (FEDRO)

A4 KLEINANDELFINGEN – WINTERTHUR INTERSECTION ELIMINATION OF BOTTLENECKS



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| Client | Federal Roads Office (FEDRO) |
| Processing period | 2009 - approx. 2024 |
| Project costs | 291 Mio. CHF (price basis 2015) |

Regular difficulties due to traffic overloads must be expected during the morning and evening peak hours on the A4 between Winterthur and Kleinandelfingen. The capacity of the existing road, which has one lane in each direction, is no longer adequate for the volume of traffic. This is unsatisfactory in terms of road safety. Shortcomings such as the lack of a separating barrier between the directions repeatedly cause serious traffic accidents.

When the section of the A4 between Kleinandelfingen and Winterthur-North was originally built, an extension to provide four lanes was planned (General Project approved in 1973). Due to resistance from the affected residents and the objections that were submitted, only the two western lanes were built and commissioned in 1996 and 1999/2000 respectively. The enlargement of the A4 between Winterthur and Kleinandelfingen to provide a national highway that meets the standard, with two lanes and one hard shoulder in each direction, is an element of the «Programme to Eliminate Bottlenecks on the National Highways Network».

The development project comprises various major structures such as bridges, overpasses, underpasses, coverings and road runoff treatment plants, with the Weinlandbrücke bridge over the Thur which is outstanding in many respects. In parallel with the enlargement work, the existing structure is to be repaired and adapted in line with currently valid standards and guidelines. For this reason, the project design work is divided into the maintenance concept, the concept and project for the measures to be taken, the main execution project and the detailed project.

R+R is assisting the client by providing support for FEDRO's overall project management in the areas of project management and project controlling, and with selected issues such as the assessment of alternatives and cost-benefit analyses.