

FEDERAL ROADS OFFICE (FEDRO)

A1 OHRINGEN – OBERWINTERTHUR MEASURES TO OPTIMIZE TRAFFIC FLOW



During peak hours, the motorway section between Winterthur Ohringen and Oberwinterthur is highly congested. To ensure a stable flow of traffic, as well as to minimise potential backlog at the junctions, measures are being taken by the Federal Roads Office to improve and optimise the traffic situation. In addition, constructional adjustments are being made and traffic signal systems are being installed at the junctions.

Client	Federal Roads Office (FEDRO)
Processing period	2017 - ca. 2021
Project costs	about 29 million CHF

Section 48 on the national motorway A1 between Winterthur Ohringen and Oberwinterthur ranks among the most

congested motorway sections in Switzerland. Stretching 4.3 kilometers, it is jammed during peak hours on a nearly-daily basis. This bears negative consequences for the road networks of the Winterthur city agglomeration. The implementation of measures to optimise traffic flow is due to alleviate congestion during peak hours on both the motorway and secondary road networks, as well as to minimise the risk of accidents. Amongst other things, these measures include extensions of the Oberwinterthur motorway junction and the acceleration lane at Forrenberg service station, the widening of existing emergency bays and the installation of a total of 19 signalling portals. The total costs of the project amount to 29 million Swiss francs. In order to prevent traffic backlog at the junctions, constructional adjustments are undertaken and new traffic signal systems are being installed at the junctions Winterthur Ohringen and Oberwinterthur.

The scheduled measures serve as an interim solution until the 6-lane extension between Winterthur Töss and the intersection Winterthur Ost will be commissioned. Current plans call for the motorway extension to be implemented between 2035 and 2040.

Holding mandates as project-owner support unit and construction supervisor, R+R has been providing assistance to the general project management team of the Federal Roads Office since early project stages. In this capacity, R+R supports and advises the general project management team in project management, project controlling and in other selected issues.