

FEDERAL ROADS OFFICE (FEDRO)

MOTORWAY MAINTENANCE PROJECT A1 EFFRETIKON – OHRINGEN



Client	Federal Roads Office (FEDRO)
Processing period	2020 - 2022
Project costs	approx. 228 Mio. CHF

A 12 km stretch of the A1 motorway between the exits Effretikon and Winterthur Ohringen is to be refurbished. Moreover, by introducing up-to-date signalling technology, an optimisation of the traffic flow on the section Winterthur Töss – Winterthur Nord junction is to be achieved.

Stretching an approximate 12 kilometers in length, the A1 motorway section between Effretikon exit and Winterthur Ohringen exit ranks among the most congested motorway sections in the Swiss motorway network. The number of vehicles using it amounts to 100'000 per day. The section in question

has been in continuous service since 1974 and no significant restorative measures have been undertaken since then. In the context of the maintenance project «A1 Effretikon – Ohringen», the section is thus going to be refurbished in the coming years. In particular, there will be a renewal of parts of the roadway and the operation and security installations, in order to comply with current regulatory standards. Additionally, several adjacent structures require corrective maintenance measures to be carried out to warrant full operability of the constructions until the end of their expected life spans.

The FEDRO aims to effectuate a smoothing out of the traffic flow in the Winterthur area by installing up-to-date signalling technology. The project at hand will see to the implementation of according measures between the Winterthur Töss exit and the Winterthur Nord junction.

Work on preliminary maintenance measures is set to begin in mid-May 2019. The principal part of the corrective maintenance will be carried out from 2020 to 2022. As part of a set of precursory measures, the Töss Bridge, the overpasses Zürcherstrasse Süd and Grafstal, three structures at the Effretikon exit, the retaining wall Pfahlwand Rossberg and the traffic light system Salomon-Hirzel-Strasse were refurbished between 2015 and 2017. Total project costs amount to 228 Mio. Swiss francs.

Holding mandates as project-owner support unit and construction supervisor, R+R supports and advises the general project management team of the Federal Roads Office in project management, controlling and the assessment of selected issues for the entire duration of the project.