

FEDERAL ROADS OFFICE (FEDRO)

CORRECTIVE MAINTENANCE PROJECT A1 EFFRETIKON – OHRINGEN, TÖSS BRIDGE



Client	Federal Roads Office (FEDRO)
Processing period	2013 - 2015
Project costs	9.4 Mio CHF

The 162 m long Töss Bridge between Winterthur Töss exit and Winterthur Wülflingen exit was renovated between March 2014 and July 2015 under continuous operation. The renovation of the bridge is one of a total of eight preliminary measures that have been separated from the more comprehensive corrective maintenance project Effretikon – Ohringen by the general project management team of the Federal Roads Office and which are being implemented in advance.

The approximately 12 kilometres long motorway section of the A1 between Effretikon and Winterthur Ohringen was built more than 40 years ago and is to be extensively renovated from 2017 until 2021. The refurbishment of the Töss Bridge forms part of this corrective maintenance project of the Federal Roads Office, but had to be tackled in advance due to the poor structural condition of the bridge. Construction work was carried out without reducing the number of available lanes, although the construction site required the reduction of lane widths according to the respective standards and a speed limit of 80 km/h instead of 100 km/h. Maintenance work comprised structural improvements of bridge and abutments, the replacement of expansion joints and bridge bearings, concrete refurbishment as well as the renewal of sealing and pavement. Throughout all phases of the Töss Bridge renovation, R+R provided support and assistance to the general project management team and was involved in construction site supervision. Tasks notably included monthly project controlling with supervision of costs and work progress. Thanks to favourable weather conditions, considerate planning and work execution in two shift operations, the Töss Bridge could be reopened to traffic nearly a month earlier than planned.