

N01 Maintenance Planning Zurich East - Effretikon Owner's Engineer

Client

Swiss Federal Roads Authority (ASTRA)
 Infrastructure Branch, Winterthur

Consultant

2011-2021 IUB Engineering in consortium

Implementation

2016-2021

Costs

CHF 205 million

Services provided

Owner's Engineer in the phases global maintenance concept to implementation/commissioning

Description

The N01 road in Zurich is one of Switzerland's busiest national roads. The 10km N01/42.46 section which was opened in 1970-74 will undergo complete repair and maintenance until 2018. In a 2nd phase following project requirements and approvals by UVEK (Federal Department of Environment, Transport, Energy and Communications) Brüttsellen junction will be redesigned as well as approx. 5km of the hard shoulder and noise remediation will also be implemented. The maintenance planning consists of 3 junctions, all engineering structures, drainage, as well as full replacement of the safety and security installations (high level).

Project scope

- Support to overall project manager in the areas of project management, coordination and administration, process management, controlling
- Professional support in coordinating the construction subprojects and operation and safety system subprojects with the specialist support of ASTRA
- Cost management, schedule management and quality management in accordance with ASTRA standards
- Financial planning according to ASTRA specifications
- Procurement, contract management, claim management, invoice control
- External construction supervision

