

National Roads - Road Network Branch 1 (ASTRA) Main Inspection (Assessment of Condition) of Engineering Structures – Lot 4b

Client

Federal Roads Office (ASTRA)
 Estavayer-le-Lac Branch

Consultant

IUB Engineering AG (lead partner) in consortium

Construction period

2010–2011

Scope of services

- Planning and preparation of inspections
- On-site inspections (condition assessments) of the engineering structures
- Preparation of an inspection report for each individual structure
- Monitoring of implementation

Description

Planning and preparation of inspections in collaboration with the territorial unit.

- Main inspection (condition assessment) of the structures on-site using KUBA-Mobile and photo documentation of identified deficiencies.
- Preparation of an inspection report according to the KUBA model with an assessment of the condition of the entire structure and all components.
- Preparation of an overview table with the condition of each structure.

Main technical data

- | | |
|---------------------------------------|----------|
| – Viaducts (L > 300 m') | 7 units |
| – Medium-sized structures (L > 100 m) | 13 units |
| – Small structures (L < 100 m) | 7 units |
| – Underpasses | 18 units |
| – Overpasses | 17 units |
| – Passages | 7 units |
| – Retaining walls | 15 units |

