As part of functional construction contract 2 for the A31 motorway, the sections from km 41.235 to km 45.800 (maintenance of road surface) and km 45.800 to km 60.460 (renewal of road surface) are to be renovated.

STRABAG AG was given the contract to carry out renovations and maintenance for 25 years.

During the works it was discovered that water is collecting at several points in the bed of the existing road.

Concerns with regard to long-term load-bearing capacity.

- Inspection and evaluation of the existing documents
- Preparation of the analysis programme
- Subsoil investigation through trial pits in the vicinity of the road
- Sampling for the purposes of soil mechanical laboratory testing
- Geotechnical consultancy on the influence of the existing water in the bed of the A31 on the load-bearing capacity
- Elaboration of proposed solutions