

References

Project: **Highway Tunnel Rendsburg**
 – Assessment of the Design AU 4– Solid Structure and Technical Equipment (RABT 2006)

Period: February – April 2008

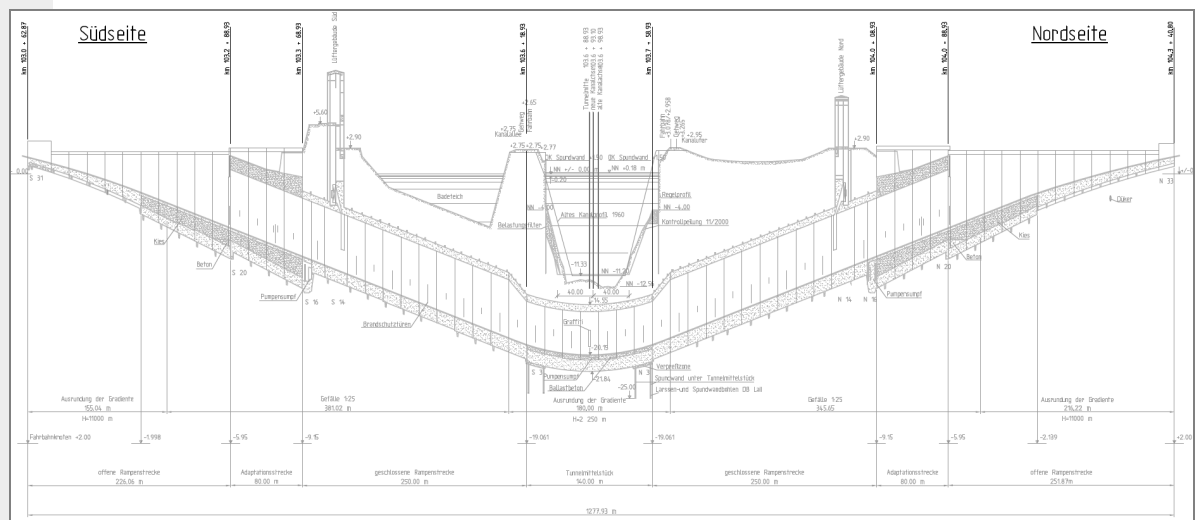
Contract Volume: approx. 55,000 €

Construction Cost: approx. 16,500,000 €

Client: Landesbetrieb Straßenbau und Verkehr Schleswig-Holstein
 Betriebssitz Kiel

Short Description: Assessment of the Design AU 4 for the overhaul of the highway tunnel Rendsburg – Solid structure as well as technical equipment according to RABT 2006.

Assessment of the overhaul – Solid structure and technical equipment for a two tube highway tunnel, length approx. 820 m (immersed tunnel, open cut and grid sections), trough section 1278 m, four-lane cross section, DTV 15,000 Kfz/d.



Project organization with coordination of experts and special consultants; walk-through

- Review of design documents AU 4 and AU 3 (technical equipment design acc. to RABT 2003)
- Assessment of the concept for the reconditioning of concrete structures, for the cathodic corrosion protection and for the structural fire prevention
- Assessment of the ventilation concept
- Assessment of the firewater and drainage concept
- Assessment of the technical tunnel equipment
- Compilation of an assessment report
- Presentation of the assessment results with the federal ministry of traffic.