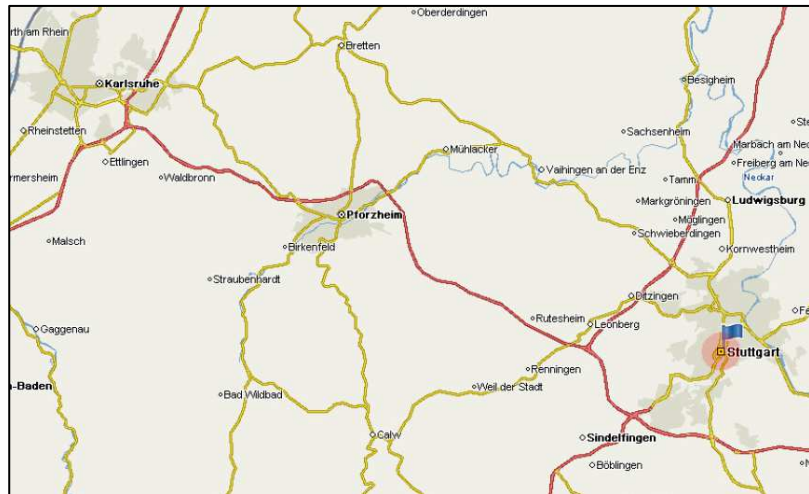


The Storm Sewer System AQUATUB-Rw

Site Report Extension to Six Lanes of Autobahn A 8 Munich – Karlsruhe

- **Section** junction Leonberg to exit Heimsheim
exit Heimsheim to service area Pforzheim
2nd section
- **Length** about 10.1 km/about 3.3 km
- **Client** district councils of Stuttgart and Karlsruhe
- **Building contractor** Rädlinger GmbH/Kirchhoff GmbH
- **Building period** May 2006 till 2009 (scheduled)
- **Project** road drainage in traffic road construction
for the extension of A 8 to 6 lanes
- **Pipe products used** AQUATUB-Rw of 300 to 600 mm in diameter
AQUATUB-RwR 200 mm (O.D.)
- **Manholes used** concrete manholes 1000 mm





Extension of Autobahn A 8 to Six Lanes

Material characteristics of PE-HD and an extensive range of AQUATUB-Rw pipes meet the strong requirements of a drainage system for the extension of the Autobahn A 8 between junction Leonberg and exit Heimsheim.

This section is classified SLW 60, which is below AQUATUB-Rw's limits. Compliance with this requirement has been proved by a structural analysis according to ATV-A 127.

Beneficial for a safe, fast and efficient connection, the standard pipe's one-side integral socket and its length of 6 m has proved a significant advantage.

Instead of a 150 mm pipe as usual, it was decided to use a 200 mm AQUATUB-Rw/R pipe for connecting the road gullies to the carrier drain in this section. Due to the use of these flexible connecting lines and special connection kits from HEGLER, additional fittings were not necessary. Therefore, the construction period was reduced significantly.



Pipe systems installed

- AQUATUB-Rw between 200 and 600 mm in diameter (about 35,200 m; carrier pipe line)
- AQUATUB-Rw/R 200 mm (about 1,000 m; connecting lines to road gullies)
- SIROPLAST-K 100 mm (about 38,000 m; subsoil drain for foundation soil)

HEGLER

Corrugated and Twin Wall Pipes of Plastics

