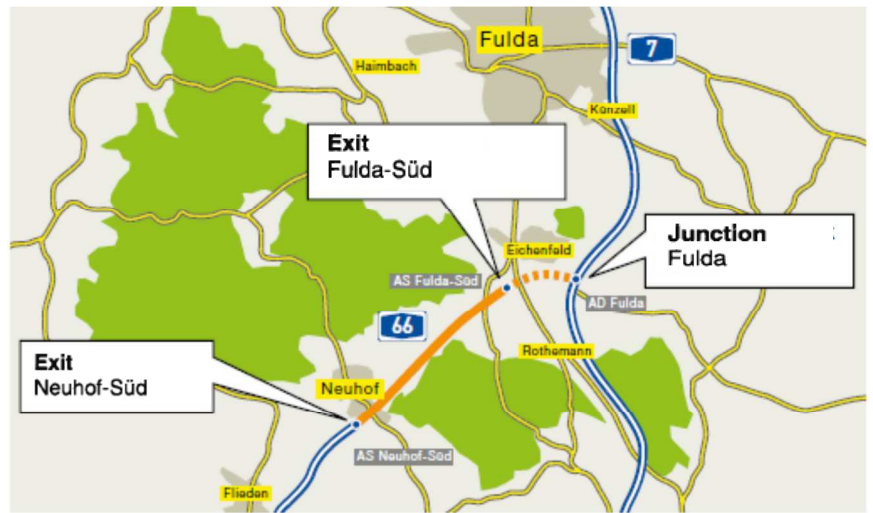


## The Storm Sewer/Chamber System AQUATUB-Rw/MULTI-*inspect* S 500

### Site Report Gap Closure and Widening of Autobahn A 66 Frankfurt – Fulda

- **Section** Exit Neuhof-Süd to Exit Fulda-Süd and further up to Junction Fulda
- **Length** about 6.8 km
- **Client** Hessen mobil, Fulda
- **Building contractor** Hermann Kirchner GmbH, Bad Hersfeld
- **Building period** February 2012 till January 2013  
(open route only, tunnel Neuhof excluded)
- **Project** road drainage in traffic route construction with closing of gap in A 66 (four lanes)
- **Pipe products used** AQUATUB-Rw of 150 to 600 mm in diameter  
AQUATUB-RwR of 150 mm in diameter  
SIROPLAST-K of 100 to 400 mm in diameter
- **Manholes used** MULTI-*inspect* S 500 and SIRO-*inspect* S 400 chamber systems





### Gap Closure of A 66 Frankfurt - Fulda

Except for an about 7 km long section between Neuhaus and Fulda, the A 66 Autobahn, an important transport link between Frankfurt and Fulda, has been upgraded for a long time. To cope with the traffic, the upgrade of this last section was commissioned by Hessen mobil, Fulda, in 2012, and the order for the upgrade awarded to Hermann Kirchner GmbH, Bad Hersfeld.

As to the pipe and chamber systems to be used, the tender invitations specified components made from the high-quality plastic material, PE-HD. Besides, great importance was attached to the consistency of the system of pipes, fittings and chambers that were going to be installed.

The project provided for a total of 175 plastic chambers. For the most part, the new SIRO-*inspect* S 400 chamber, first presented by HEGLER for its SIROPLAST-K civil engineering drainage pipe at the IFAT fair in Munich in 2012, was installed. For the inspection of AQUATUB-Rw carrier pipes up to 600 mm in diameter, the MULTI-*inspect* S 500 chamber was used.

The very special designs specified for the project in many respects required a close cooperation between HEGLER PLASTIK and the site management so that a carefully concerted delivery and implementation schedule could be conceived - the best basis for a smooth construction sequence and valuable assistance in regard to shaft construction in particular.

### Pipe/chamber systems installed

- **AQUATUB-Rw** 150 to 600 mm (abt. 4,000 m; carrier drain)
- **AQUATUB-RwR** 150 mm (abt. 420 m; connection to road gullies)

- **SIROPLAST-K** 100 to 400 mm (abt. 11,600 m; subsoil drain)
- **MULTI-*inspect* S 500** (abt. 60 leak-tight chambers for inspection and flushing)
- **SIRO-*inspect* S 400** (abt. 115 inspection chambers for subsoil drains)

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