

The Storm Sewer/Chamber Systems AQUATUB-Rw/MULTI-*inspect* S 400

Site Report Extension to Six Lanes of Autobahn A 3 Frankfurt – Nürnberg

- **Section** exit Würzburg/Randersacker to motorway junction Biebelried
- **Length** about 9.7 km
- **Client** Autobahndirektion Nordbayern
- **Building contractor** ARGE A 3 Leonhard Weiss GmbH & Co. KG - Gebrüder Stolz & Co.
- **Building period** June 2007 till 2012 (scheduled)
- **Project** road drainage in traffic road construction for the extension of A 3 to 6 lanes
- **Pipe products used** AQUATUB-Rw of 200 to 500 mm in diameter
AQUATUB-RwR 150 mm
SIROPLAST-K of 150 to 400 mm in diameter
- **Manholes used** chamber systems MULTI-*inspect* S 400/SIROBAU S 400





Extension to 6 lanes of A 3

Classified as E 45 in the European traffic network, Bundesautobahn A 3 links the BENELUX countries with Southern Europe and – within Germany – Bavaria with the centres of the Rhine area. So it ranks among the most important motorway routes in the German road network.

This motorway, which was made with four lanes end of the 1950ies/ beginning of the 1960ies, has been overcrowded for a long time, multiplying the risk of accidents and the formation of traffic jams.

Extension of the section between Aschaffenburg and Nürnberg has been pushed forward for some years now. Since 2007, construction work has been going on in the 9.7 km extending between exit Würzburg/Randersacker and junction Bielefeld. This section

covers the viaduct near Theilheim as well as two bridges and nine underpasses.

Since traffic has been continuing with the extension work going on, great importance is attached to using components and systems ensuring efficient progress of the construction work, and doing without heavy equipment.

So preference was given to AQUATUB-Rw, the PE-HD pipe system with integral socket, and the light-weight chamber systems, SIROBAU S 400 and MULTI-inspect S 400, from HEGLER. All systems are superior by an excellent chemical resistance and abrasion behaviour, which distinguishes PE from other materials. The extraordinary load-bearing capacity makes the systems highly suitable for installation in SLW 60 classified roads.



Pipe/chamber systems installed or to be built-in

- **AQUATUB-Rw**
DN 200 to DN 500
(abt. 7,500 m; carrier drain)
- **AQUATUB-RwR** DN 150
(abt. 200 m; connection to road gullies)
- **MULTI-inspect S 400**
(abt. 420 chambers for inspection and flushing, leak-tight)
- **SIROBAU S 400**
(abt. 130 chambers for inspection and flushing for subsoil drains)
- **SIROPLAST-K** DN 150 to 400
(abt. 29,500 m; subsoil drain for subgrade drainage)

HEGLER

Corrugated and Twin Wall Pipes of Plastics

