

Storm Water Sewer Pipe/Chamber System AQUATUB-Rw/MULTI-*inspect* DUO

Site Report Road Surface Renewal and Route Drainage of Motorway A7

- **Section** South of AS Bad Windsheim – north of AS Wörnitz
from construction km 718 + 630 to km 728 + 300
- **Length** About 10.0 km
- **Client** Autobahn GmbH, NL Nordbayern/Außenstelle Würzburg
- **Building contractor** ARGE Leonhard Weiss GmbH & Co. KG, Satteldorf
Berger Bau SE, Passau
- **Building period** May 2022 to December 2022
- **Project** Renewal of road surface of motorway BAB A7
inclusive of junction AS Rothenburg o. d. Tauber
- **Pipe products** AQUATUB-Rw DN 150 to DN 600
SIROPLAST-K DN 150
- **Chamber system** MULTI-*inspect* DUO





Professional site storage of civil engineering drainage pipes SIROPLAST-K DN150 at rest area Kreuzfeld-West



New construction of the carriageway in the direction of Ulm by storm water sewer pipe AQUATUB-Rw



Drainage with the robust chamber system MULTI-inspect DUO prior to demolition of concrete surface



Newly built section of motorway BAB A 7 between junction Bad Windsheim and junction Wörnitz

Renewal of road surface in the carriageway to Ulm of BAB A 7 in the area of Rothenburg o. d. Tauber

In the area of Rothenburg o. d. Tauber, the road surface and complete drainage system of BAB A 7 in the carriageway to Ulm were in need of renewal because of considerable structural defects.

The existing road surface is in concrete construction so that the surface renewal was also designed to be in concrete. The antifreeze layer of the new roadway was made from the recycled old concrete pavement, which entailed the coordination of considerable quantities of pavement debris (105,000 m²) and soil movement (150,000 m³) within the section.

Roadway drainage is divided into two basic areas. The roadway near the medial strip, which is consistently provided with a concrete safety barrier, is drained via slit gutters; the areas at the outer edge of the roadway, mainly via embankments with swales. Both systems are connected to the continuous drainage line, AQUATUB-Rw.

The quantities of the various products installed in the direction of Ulm alone are significant: 360 units of chamber systems MULTI-inspect DUO for pickabag arrangement, about 17.0 km of carrier pipes AQUATUB-Rw and some 17.5 km of drainage pipes SIROPLAST-K.

Favoured was, from the beginning, a continuous pipe and chamber system with an extensive range of accessories from PE-HD that allowed uncomplicated, professional and speedy installation. Proven fittings like connecting kits for direct connection of slit gutters and street outlets to the pipe lines and chamber bodies completed the standard range of accessories. The local site supervisors of Leonhard WEISS company and HEGLER PLASTIK were in close touch for the whole building period so that technical and time coordination was going on rapidly and smoothly.

Pipe/chamber systems installed:

MULTI-inspect DUO	abt. 360 pcs.
AQUATUB-Rw DN 150 to DN 600	abt. 17,100 m
SIROPLAST-K DN 150	abt. 17,500 m

HEGLER

Corrugated and Twin Wall Pipes of Plastics



