



Schmidstedter Knoten, Erfurt, Germany

WATER SUPPLY

The "Schmidstedter Knoten" is an important traffic crossing in Erfurt, Germany. The pipelines are an important part of Erfurt's drinking water supply and the pipes are laid under the "Schmidstedter Straße" traffic junction.

The severely corroded DN 500 drinking water pipeline had to be replaced and as the supply channels are very tight and also contain gas pipelines and electrical cables, pipe welding was not an option - for security reasons.

The Alvenius FlowMax installation was quick and easy, completely without welding - all that was needed was a socket wrench. The installation time was quick, only five days, instead of the planned fourteen days.

Due to the Alvenius FlowMax pipes extremely low inner friction, the large inner diameter plus the adaptation to the current water consumption, the dimensioning of the pipes could be reduced to DN 323 – for a required end pressure of 16 bar.

Facts

Country:..... Germany

Dim:..... DN 323

Media:..... Drinking water