



DR. SPANG

INGENIEURGESELLSCHAFT FÜR BAUWESEN, GEOLOGIE UND UMWELTECHNIK MBH

## DEVELOPER

Stadtwerke Essen AG

## PROJECT

Sewer renewal on Walpurgisstraße and Wittekindstraße in Essen-Rüttenscheid

- Renewal of various sewer sections in the Wittekindstraße, Walpurgisstraße and Alfried-Krupp-Straße area
- Construction of a new sewer of DN 1200 on Walpurgisstraße over a length of approx. 276 m, 7 manhole structures with depths approx. 5 m in the cut-and-cover method
- Pipe driving method over a length of approx. 590 m, DN 1600, on Wittekindstraße and on Walpurgisstraße
- Construction of a new sewer, DN 300, over a length of approx. 340 m in the cut-and-cover method
- Preparation of 4 start and target ditches
- Preparation of 2 special structures with depths up to 10 m

## OUR SERVICES

- Subsoil investigation
- Subsoil assessment and subsoil expert report
- Evaluation of the existing mining situation
- Environmental impact assessment
- Recommendations on driving methods and backfilling methods

