

## Renewal combined sewage in course of the complete expansion of the street Oberfroehnaer Straße in Chemnitz

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**Project objective:** Renewal of the street Oberfroehnaer Straße including exchange of the combined canalization in the area of the street Zwickauer Straße till the end of the city Chemnitz over a length of approx. 3,5 km

**Location:** City of Chemnitz

**Client/  
Beneficiary:**



Entsorgungsbetrieb der Stadt Chemnitz



City of Chemnitz

**Period:** 1999 – 2003

**Costs:** 2,5 Mio. €

**Initial situation:**

The underlying persistent expansion of the street Oberfroehnaer Straße was essential because of the function of Oberfroehnaer Straße which connects the cities between Chemnitz and Limbach-Oberfroehna and the expansion of the planned link to the freeway A4 in Chemnitz-Rabenstein.



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**Project Services:**

Within the scope of the traffic facility planning the optimization of the routing including the traffic junctions was effected. Architectural feature elements were realized and the cycle track concept of the city was integrated.

The remediation or construction of the underground service line and waste disposal line was planned in course of the expansion of the street. In coordination with the civil works department of the city Chemnitz and the municipal works the relocation of the combined canalization was realized after the relocation of the gas pipe and drinking water line.

Before planning the condition of the existing combined canalization was inspected and documented and so formed the basis for deciding the construction of the canalization.

According to the hydraulic requirements of the general dewatering plan of the city Chemnitz the canalization was calculated.

The services of the engineers included preliminary planning and the supervision of construction.