



# DIGITAL & MUNICIPAL INFRASTRUCTURE

## 110 kV NETWORK

Niedertaufkirchen - Hörbering, Germany





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**Client: Bayernwerk AG Bamberg/ High Voltage Department**

On behalf of Bayernwerk AG Bamberg/ Department High Voltage, MAX STREICHER GmbH & Co. KG aA has taken over the laying of a 110 kV line from Niedertaufkirchen to Hörbering (south-east of Vilsbiburg). With this network section, for the first time a high-voltage line was built as an underground cable in Bavaria in accordance with the regulations of the Energy Economy Law. The route extends over a length of 8,595 m. It passes fields, meadows and a 400 m long section of forest. The width of the building site was 20 m.

In detail, the order included the complete civil engineering works, the execution of a construction road (made of excavator mats) parallel to the route. Moreover, STREICHER carried out the laying of the protective pipes and a separate fiber optic protective pipe, the construction of eight 110 kV socket pits (complete housing including roof and granular subbase), the execution of the construction roads (total approx. 32,000 m<sup>2</sup>) as well as nine road and river crossings using the HDD method.

### Projekt-Details

Client	Bayernwerk AG
Scope of services	Civil engineering works, pipeline construction, crossings, execution of the construction roads
Location	Niedertaufkirchen - Hörbering
Total length	8,595 m
Nomina diameter	6 protective pipes, PE-HD da 160, SDR 11 protective pipe for fibre optic cable, PE-HD da 50, grooved inside
Lengths of bore holes	50 - 350 m
Execution period	August - Dezember 2016



Location:  
Niedertaufkirchen - Hörbering (near Vilsbiburg), Germany

● — ● Execution by STREICHER