

Planning
Replacement building of the culvert building and retaining wall on the K 7370 in Waldenburg district Niederwinkel



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Project objective: Renewal of the culvert with new crossing of the transport route

Location: Waldenburg district Niederwinkel

Client/Beneficiary: District administration office of Chemnitz

Year: 2003

Costs: 75.000 €



Project services:

Work phases

- Investigation for foundation, recommendations for foundation
- Final design, building permission application

Contents

- Identification of the renewal requirements in relation to the use of state, the existing situation and existing media routes
- Commitment: use of GFK-Pipes because of the low height of superstructure;
- retaining wall as heavy weight retaining wall
- Examination of trafficability of the traffic junction
- Necessity for the surface enlargement for the traffic because of traffic turning left, renewal of culvert is necessary
- Detour during the period of construction; detour plan
- Preparation structure plan
- Cost estimation of individual options

