## Planning

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





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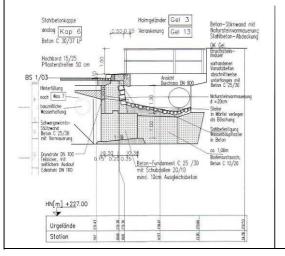
Project objective:	Renewal of the culvert with new crossing of the transport route
Location:	Waldenburg district Niederwinkel
Client/ Beneficiary:	District administration office of Chemnitz
Year:	2003

**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 realtion 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 estimatation of individual options

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