

Reference Objects

Geotechnics

- Summary of References for Traffic Facilities

Titel - Services - Client

Railway cutting Muldenhuetten km 35.9 (“Saxon magistral”)

Evidence of stability of field slopes, planning

Client: Deutsche Bahn AG

**Analysis of the roadway bridge condition Wilzschhaus -
Schönheide**

Analysis of bearing and bridge piles,
analyses of hard rock and founding conditions,
Elaboration from remediation measures

Client: Straßenbauamt Zwickau

Former industrial settling pond Gotesberg

Realisation of the investigation work at the dump area and preparation of
the stability expertise

Client: GVV mbH

Construction of retaining walls federal road B 180

Subsoil expertise, planning, site monitoring

Client: Straßenbauamt Chemnitz

Chemnitz, Zwickauer street - Neefestreet

Complex subsoil expertise

Client: Stadt Chemnitz, Tiefbauamt

Relocation of road S 289 North of Werdau

Geotechnical preliminary and main investigations including route planning,
geotechnical determination for development of planes in cutting sectors,
design of slopes and investigation of stability, evaluation of subsoil with
founding consultation for the forecasted bridges and special constructions
(rain storage reservoir), environmental assessments

Client: Straßenbauamt Zwickau

S 289 ring road Crimmitschau

Geotechnical main investigations including route planning, guidelines for
foundation and construction of the rain storage reservoir

Client: Straßenbauamt Zwickau

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BF Weida - Vogtlandbahn

Complex investigations of subsoil for new construction of train platform with pedestrian subway

Client: DB Station und Service AG

Analysis of railway bridge in Dennheritz (DB line Glauchau - Gößnitz)

Hydrological investigations of subsoil,

Analysis of state, damage analysis

Client: Gemeindeverwaltung Dennheritz

Altchemnitz – pilot road for the model of CityBahn GmbH, Chemnitz

Investigations of subsoil with hydrological assessment for new construction of traffic facility (road and rail) and engineering structures (new construction of bridges over Zwönitz and Würschnitz), recommendation for foundation, state analysis of pillars of the existing bridge (B 95), Geotechnical site monitoring –evaluation of stability using FEM

Client: Stadt Chemnitz, Stadtplanungsamt

Construction of carbon belt conveyer system Gbf 71

subsoil expertise with consultation for foundation, hydrogeological assessment (traffic routing, bridging construction and underground tunnels of roads and railway construction)

Client: MIBRAG mbH, Theißen

State analysis of bridge Niederbobritzsch

(„Saxon magistral“)

Realisation of founding expertise, investigation of selective solid rock, assessment with recommendations for remediation activities

Client: Deutsche Bahn AG

Tunnel at train stations in Niederbobritzsch and

Edle Krone („Saxon magistral“)

Subsoil expertise with recommendations for foundation and building construction, evaluation of hydrogeological conditions

Client: Deutsche Bahn AG