

Macro-economic evaluation of alternatives of by-pass Gochsheim

Project

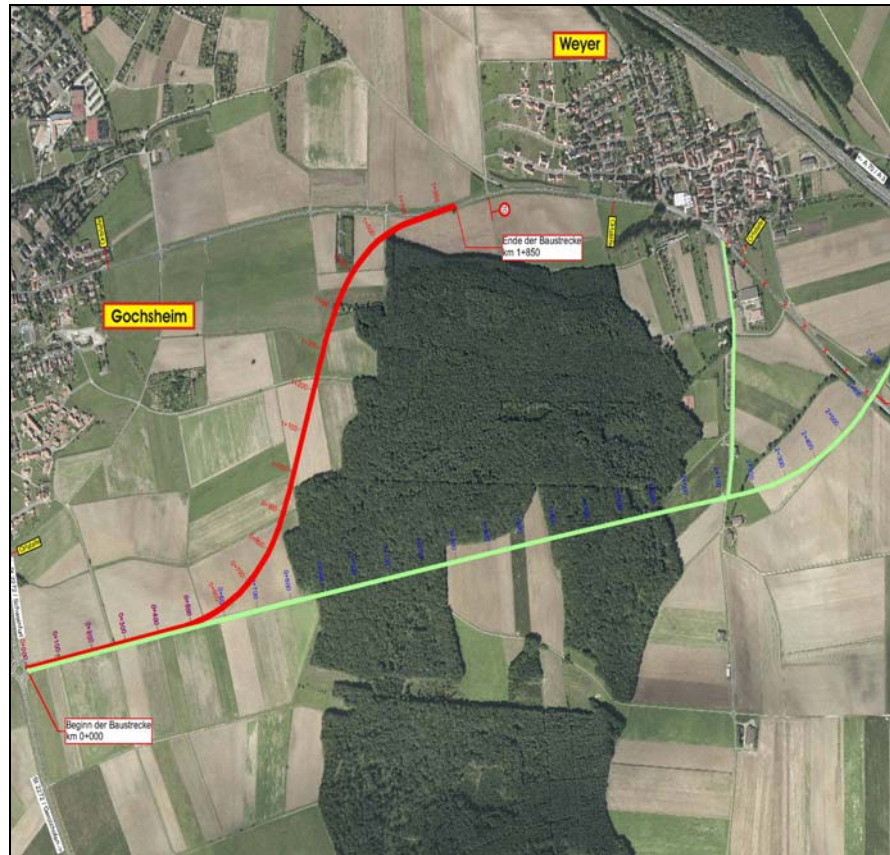
State Road 2277 – Eastern by-pass Gochsheim – Realignment to the south of Weyer, Macro-economic evaluation according to the methodology for the updating of the 5th extension plan for the state roads in Bavaria

Time for processing

from May 2005
until March 2006

Customer

Building Administration of Bavaria, State Planning Department Schweinfurt



Project description

For the updating of the 5th extension plan for the state roads in Bavaria special evaluation guidelines in consideration of state-specific characteristics and political objectives were developed on the basis of the methodology of benefit-cost analysis. These guidelines were originally used for the evaluation of about 1.000 road construction measures regarding their macro-economic benefits according to objective criteria. On the basis of the results a pri of measures was carried out for a better allocation of budgetary funds.

The evaluation results also allow to prove the viability of a single measure or to favour the "better" alternative for competing alignments from a macro-economic point of view. With this objective the traffic-related impacts of 2 alternatives for the planned by-pass Gochsheim in the course of the State Road 2277 for the forecast year 2015 were ascertained, scrutinized and macro-economically evaluated according to the mentioned methodology.

Executed services

- Ascertainment of total traffic and freight traffic volumes
- Attribution of route types
- Ascertainment of physical impacts
- Benefit-cost analysis
- Comparison of alternatives and analysis of results