

Road network administration of the Federal Highway Information System (BISStra)



Project

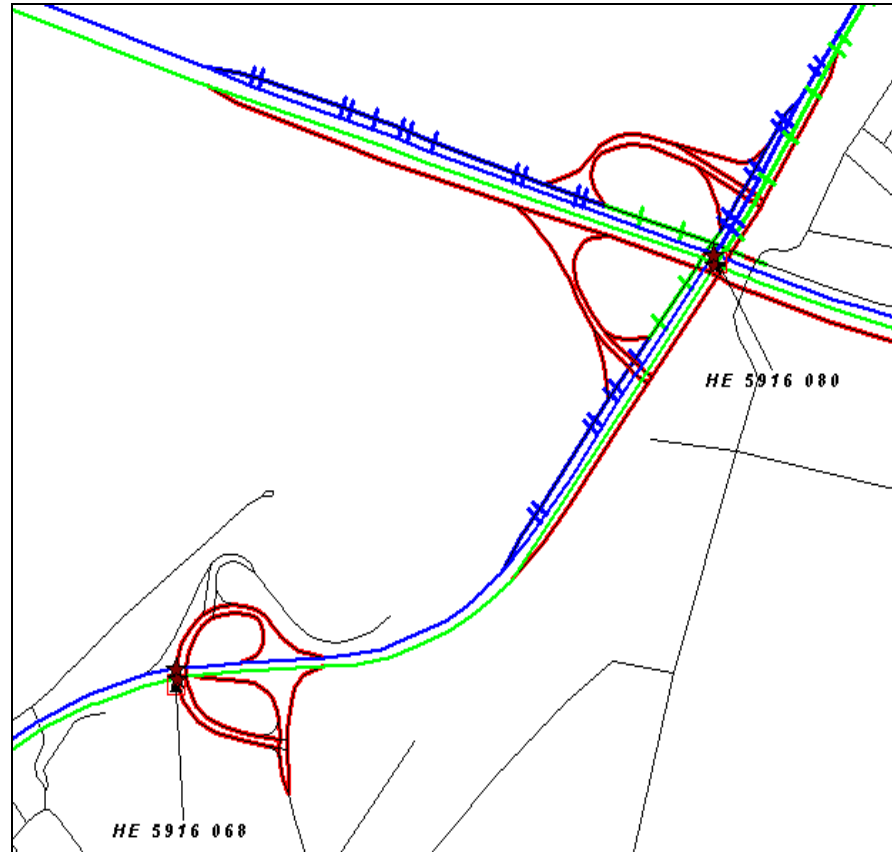
Geocoding and association of ASB data of the Federal States to the geographic road data in the data format GDF

Time for processing

from October 2004
until December 2005

Customer

Federal Highway Research
Institute (BASt)



Project description

A digital collection of road-specific data like road condition, traffic volume, number of accidents and numerous other parameters is carried out in all federal states. For a coordinated use of these data in administration, planning and research the Federal Highway Information System (BISStra) was developed. In BISStra standard, spatial definitions and a consistent are taken as a basis for different specialized cells (13 up to 2007), whereas all data items can be combined with the help of a data management system.

The basis of BISStra is provided by the objects of the road information bank instructions (ASB) of the road data-bases of the federal states as well as by geographic road data. The geocoding and association of the ASB data to the geographic road data in the GDF format is used for the creation of a consistent road database.

Executed services

- Preparation of the data of the federal states and the data bases
- Import of the data of the federal states into BISStra
- Maintenance of data of the federal states
- Geocoding of changes in the road network
- Performance of quality management measures