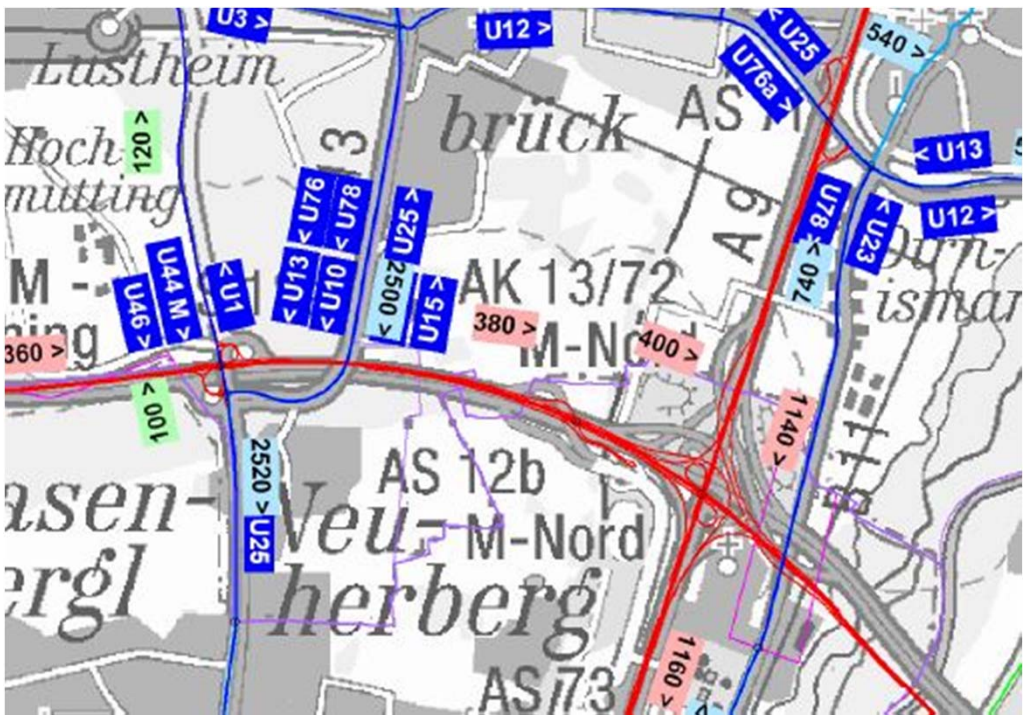
Data management and status analysis

Evaluation of the alternative routing system in Bavaria

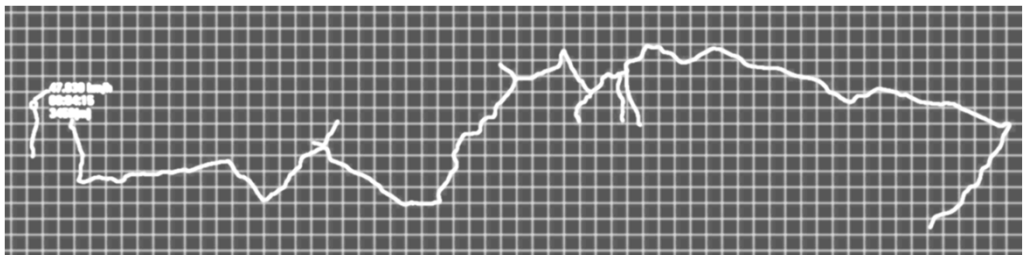
Outline

Alternative routing systems in Bavaria play a decisive role, when disturbances (e.g. congestions or accidents) reduce the service capacity on highways. If there is a disturbance, it should be possible to redirect the vehicles via alternative routes, according to the local requirements. This can be made possible, if the signage of the routes does not contain any wrong or mistakeable information – or if constrictions on road signs do not exclude any user groups (e.g. trucks because of weight limits over bridges).



Tasks of the Chair

- Elaboration of an evaluation concept
- Data collection via inspections by car and data management
- Data analysis and elaboration of action plans
- Spatial positioning of data via a geographic information system



These are the goals of this research project:

- Appraisal of the alternative routes in Bavaria
- Efficiency and capacity analysis
- Development of recommended procedures

The results will be visualized by a geographic infomation system.

Abkürzung	Kategorie
GES	Geschwindigkeitsbeschränkung
HBD	Höhen-, Breiten- oder Durchfahrtsbeschränkung
KRE	Kreisverkehr
LES	Lesbarkeit der Beschilderung
LSA	Lichtsignalanlagen
ORT	Ortsdurchfahrt
STÖ	(subjektive) Störung
STR	Straßenschäden
VBE	Verkehrsberuhigung

Duration

November 2011 to November 2012

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Autobahndirektion Südbayern

Lehrstuhl für Verkehrstechnik
Univ.-Prof. Dr.-Ing. Fritz Busch

Dipl.-Geogr. Andreas Hanitzsch
+49-89-289-28596
andreas.hanitzsch@vt.bv.tum.de