

## [Recent Developments in Germany Related to Highway Capacity and Quality of Service](#)

Authors: Boltze, Manfred

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### Abstract

The contribution reports about research projects and recent developments in Germany. The development of traffic demand and the organization of transport research are described briefly. Recent research findings with regard to the German Highway Capacity Manual (HBS) are listed and summarized comprehensively. The German Guidelines for Traffic Signals (RiLSA) and their English-language version are introduced, and current review activities are reported. Another chapter is a call of the author to establish a comprehensive quality management system for our road infrastructure and operation. For the case of Germany, the state of development in this field is shown, and needs for further research, development, and implementation are identified. Furthermore, a German guideline on the development of strategies for dynamic traffic management is presented, and research findings recording the integration of various traffic control and information systems are summarized. Finally, several further developments in the area of highway capacity and traffic control are highlighted.