

■ TRAFFIC ENGINEERING



**Engineers you can trust**



Measures to control and direct traffic and to influence traffic behavior are becoming increasingly important due to the limited traffic space in cities. As a result, these systems must be considered to be an integral part of a future-oriented transport planning concept. The optimum use of the existing transport infrastructure by efficiently deploying traffic engineering measures is an essential goal, which can be reached by using intelligent traffic guidance and control systems as well as traffic management systems. These consider all road users as well as environmental and climate aspects, in particular questions relating to the reduction of air pollution and noise.

Networked information and services, such as mobility portals and innovative technologies, e.g. car-to-x communication (C2X), are essential for changing traffic behavior.

Modern traffic engineering measures accompany the planning and implementation process, starting from the identification of a specific transport problem to the commissioning of traffic engineering systems. In addition, construction-related planning services to assure a sufficient traffic flow during the construction process are increasingly in the focus of attention.

## ABOUT US

## TRAFFIC ENGINEERING

---

### ENVIRONMENTALLY ORIENTED AND SUSTAINABLE

Comprehensive solutions with the aim of stabilizing and reducing traffic in order to mitigate traffic noise, pollutant emissions and operating costs, and to increase traffic safety and quality, urban compatibility and climate friendliness.

### INNOVATIVE

Application of innovative approaches and methods by linking and combining different measures for traffic control, guidance and management as well as the achievement of sustainable and positive traffic effects.

### DIGITAL

Networking and provision of information and services within the framework of mobility portals, APP applications and innovative technologies.

### INTEGRATIVE

Ensuring close cooperation of political leaders and design experts with citizens as well as specialist support at citizens' events and in political bodies, such as technical committees and local council meetings.

### OUR SERVICES

- Design of plant technology and plant engineering services (phases 1-9 according to HOAI, fee structure for architects and engineers) for field-installed and central technical systems
- Planning of provisional arrangements / traffic safety and construction supervision
- Road marking and signposting - under construction and in final state
- Local construction supervision, commissioning, acceptance
- Feasibility, traffic and variant studies
- Control design for traffic light systems
- Project management and public participation



**BERNARD Gruppe**

**Germany**

Josef-Felder-Straße 53 • 81241 Munich  
T +49 89 2000149 0 • F +49 89 2000149 20  
info@bernard-gruppe.com

**Austria**

Bahnhofstraße 19 • 6060 Hall in Tyrol  
T +43 5223 5840 0 • F +43 5223 5840 201  
info@bernard-gruppe.com