

# ENGINEERING EXCELLENCE

## Roads





# SS12 Branzoll-Bozen, Italy S10 Mühlviertel Expressway, Austria SS12 Vahrn Bypass Road, Italy

# Roads

### Fields of Expertise

- · Motorways, trunk roads
- · Access points
- · Roads outside cities, towns or villages
- Urban roads
- Access roads
- Pedestrian and bicycle traffic facilities
- Parking spaces, car parks and parking guidance and information systems

### Highlights

- 40 years of experience and competence in alignment selection
- 1,500 km of roads project management, design and construction supervision
- Road construction projects including tunnels, bridges and other structures in mountainous and urban areas
- 286 km study for a large-scale road construction project with several tunnels (Jammu-Srinagar, India)
- 350 km motorway link in Armenia from the Georgian to the Iranian border
- All specialist disciplines covered in-house (road construction, geology, hydrology, ecology, geotechnics, civil and tunnel engineering, electro-mechanical operation and safety equipment, toll and traffic management systems, etc.)

### Selected References

- A26 Linz Motorway (4.4 km), Austria
- A1 Demir Kapija-Smokvica Motorway (28 km), Macedonia
- D1 Lietavská Lúčka-Dubná Skala Motorway (13.5 km), the Slovak Republic
- A2 and A4 Motorways, Żdżary-Stryków und Karwiany-Żernica Sections (total length: 266 km), Poland
- · A7 Mühlkreis Motorway (11 km), Austria
- S10 Mühlviertel Expressway (22 km), Austria
- Regional Road Projects (total length: 200 km), Macedonia

- SS12 Bronzoll-Bozen National Road (9 km), Italy
- B23 Garmisch-Partenkirchen Bypass Road (5.4 km), Germany
- B179 Heiterwang Bypass Road (4 km), Austria
- Linz Eastern Bypass Road (15 km),
- A14 Rheintal Motorway, Rheintal Mitte Access Point / L45 Schmitter Road, Austria

### **■ ILF-Services**

ILF provides all services required for the preparation and realisation of road projects:

- · Feasibility studies
- Traffic management concepts (incl. pedestrian and bicycle traffic, public transport, parking management)
- Traffic analyses, traffic flow analyses, traffic simulations
- Risk analyses, safety concepts and planning
- Road safety audits
- Conceptual design / approved conceptual design
- Study of alternatives, alignment selection procedure
- Economic feasibility studies
- Permit application design, design documents for the environmental impact assessment (EIA) and all other permitting procedures, assistance with these procedures
- Project management, coordination of all parties involved in the design throughout all design phases
- Assistance with public relations work
- Detailed design
- Tender design
- · Bid evaluation
- Construction design
- Construction supervision
- Construction management











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