



COMPREHENSIVE DEVELOPMENT SERVICES

Besides the development, production, installation, maintenance and servicing of road telematics, its long experience in road telematics, modern technology and business strategies enables AŽD Praha s.r.o. to provide comprehensive engineering and development services.

We provide the following services:

- The design of engineering and technological structures, including their implementation
- The evaluation of projects or current structures from the traffic safety aspect

Our key assets are high quality, short delivery times and low cost.

Project Activities

We are preparing documentation for area management, project documentation, building control and implementation documentation for the following developments:

- Junction traffic lights
- Automatic detection of driving on red
- Measuring of section speed
- Information radars
- Entry systems
- Tunnel systems
- Parking systems
- Lighting and highlighting of crossings
- Children traffic playgrounds
- EPS (Electronic Fire Signalling) and EZS (Electronic Safety Systems)

Engineering Activity

In this area we provide the following services:

- Cost approval of traffic solutions (DŘ), engineering activities (IČ) and documentation for building permits (DSP)



- Reference material from network administrators and the relevant authorities
- DSP project approval from the relevant authorities and organisations
- Negotiations with parcel owners concerning structure location
- Discussions of significant comments from the relevant authorities and organisations and their incorporation
- Securing zoning decisions (zoning approvals) and building permits (building notifications) – depending on the requirements for traffic light signalling equipment (SSZ) and other traffic-related structures, the preparation and securing of required materials and the submission of applications
- Public consultation (with the participation of the contractor)
- Implementation and investor supervision.

Documentation is processed using an AutoCAD graphics editor in DWG

format with the option of transfer to other format. Map reference material is received from submitted maps or from digital surveys.

Safety Audit

As part of the safety audit we prepare a report on the project documentation from the traffic safety aspect. Special emphasis is placed on pedestrian safety and on slowing down traffic in towns and municipalities. The proposed measures then include both construction work and also the possibility of upgrading through the use of telematics applications. We prepare and present case studies to help in the selection of the most effective traffic solution in terms of financial resources, the technology required and any legislative and time restrictions.



Other Services

As system manufacturers and suppliers of telematics we also provide its installation, maintenance and service.

It concerns systems securing direct control at roads and also central systems, e.g. the tunnel main control centres or line control of highways or expressways. In addition we provide construction work related to traffic systems e.g. traffic light and toll gate development projects.

Installation, Maintenance, Service

- Traffic light at junctions
- Tunnel systems
- Camera systems
- Parking systems
- Detection systems
- Control systems
- Children traffic playground systems
- Highlighting of pedestrian crossings

For our customers we are providing technical consultation, training and information on road telematics.

Our objective is to provide our customers with the maximum comfort while satisfying their requirements, needs and expectations with the assistance of our own specialist team and modern technology.

