

## OPTIMIZED TRAFFIC GUIDANCE



Increasing volume of traffic, numerousness of trucks: The Weiss-Electronic GmbH, specialist for highway traffic management systems within the M-Tech Group is going to expand the traffic guidance system on the expressway A1 near Bremen that has been successful since 1996, and equip it with additional measurement and display sections.



Weiss-Electronic is going to extend and densify the existing highway traffic management system on the A1 Bremen/Lower Saxony. With this step they intend to meet the concerns of the heavily increasing volume of traffic since the installation of the system in 1996 in the congested urban area of Bremen.

The system will be expanded as far as the Stuckenbostel junction in the Hamburg direction. In this new sector another 7 display sections (variable message signs), 8 new measurement sections for traffic data logging (radar and induction loops) and a new meteorological station will be installed to reduce the high risk of accidents at the motorway service area Grundbergsee.

Furthermore Weiss-Electronic will diminish the intervals between measurement/display sections as well as between meteorological stations in the sector of the already existing system and install another 19 new display und 26 measurement sections on the main roadway.

Within the scope of system technology Weiss-Electronic aspires a comprehensive update of hard- and software of its subcontrol centers. Thereby special attention is turned to the development of innovative operation and visualization tools that shall adapt the control and surveillance of the system to the state-of-the-art.

### Key Facts Highway Traffic Management

- Increase in road safety
- Reduction of accident rates
- Decrease in accident severity
- Better utilization of capacities
- Optimization of traffic allocation and flow of traffic
- Fewer incidents due to traffic overload
- Shorter journey times
- Protection of the environment
- Reduced noxious emissions
- Protected natural resources

**Highway traffic management means: Enhancement of quality in road traffic**