Prague Ring Road to be Open

An open day will be held on Saturday at Zbraslav for people to have a look at the newly constructed 23 kilometres of the Prague Ring Road, which opens on Monday. The event starts at 9 o’clock.

The new ring road will open on 20th September. It connects D1 motorway to Brno with R6 speed road to Karlovy Vary, R7 speed road to Slaný and D5 motorway to Pilsen.

Safety first

It is a modern motorway with a more complex traffic control. Individual sections of the road are fitted with changeable traffic signs, light signals, information boards, meteostations, traffic flow detectors and other devices that so far Czech drivers could only see abroad. The expected intensity of the traffic in individual parts of the ring road is somewhere between 60 and 90 thousand vehicles every 24 hours. High level of safety and smooth flow of traffic is commonplace in such an important construction.

Telematics

On the old D1 motorway, drivers have difficulties to find out information about the intensity of the traffic. This should not happen on the ring road. The ring road will be fitted with a telematic system which will broadcast up-to-date information about the traffic and regulate the traffic flow. The system will be able to regulate operation in case of accidents and other problems. It will be automatic, yet supervised by a traffic controller, who will be able to intervene in case something unexpected happens.

Regulation possibilities

There will be the possibility to regulate the speed on the road or to ban trucks over a certain weight in the left (fast) lane, warn drivers against the danger of ice, skid, tailback, works on the road etc. The system evaluates on-line data from traffic detectors placed in regular intervals on the ring road. When a certain limit of traffic intensity is exceeded and there is a high risk of traffic collapse the speed on the road will gradually be limited.

What will the driver see?

The Prague Ring Road traffic regulation system consists of the following elements:

- information portals (text panels)
- portals for linear traffic regulation (speed limitation, no overtaking sign for trucks)
- changeable orientation traffic signs
- meteostation, traffic intensity counter, emergency phones, technological equipment of tunnel constructions, traffic control systems and others

This will operate throughout the whole part of the Prague Ring Road between D1 and D5 as well as on D1 from Mirošovice to Prague. This is the first system of its kind installed in the CR. Prague Ring Road will therefore be quite unique in this sense. Drivers can see such a mechanism e.g. on the Munich Ring Road when they travel to the Alps.