



SIGHT MEASUREMENT FOR INCREASED SAFETY

Acceptable safety requires correct information regarding prevailing sight conditions. Ramboll RST's sight measurement identifies sections with limited sight and generates suggestions on measures to improve safety.

Reliable road markings

Our traffic environment includes a set of codes in the form of traffic lights, signs and road markings. For road safety to be at an acceptable level, one requirement is that the road markings that indicate a lower sight are reliable.

Trees and bushes, cuts and signposts are often obstacles that block your view. Hilltops and bridges can conceal the view along straight lines.

Sight measurement is always performed on new-built roads, and should also be performed on roads that have been repaved and on roads that have had the speed limit adjusted. Sight measurement should be performed during the leafy period, when the view along the roads is reduced.

Ramboll RST's credentials

Ramboll RSTs technology for sight measurement is reliable and efficient. Measurement and registration are performed by two moving vehicles, which means there is a

minimum of traffic disruption during the process.

Ramboll RST has developed an own calculation program for where on the road network the markings should be applied works in accordance with requirements and regulations for Swedish roads. The program can, however, easily be adapted to different countries' regulations regarding road markings.

Changing conditions

Well-executed sight measurements enables the road administrator to maintain acceptable traffic safety levels. Vegetation and other changes in the landscape cause sight conditions to constantly change, too. Speed limit changes or new pavement on the road surface mean that a new sight measurement needs to be performed, so that warnings- and no passing lines continue to provide the road users with correct information.

Ramböll RST – RoadMarking has many years' experience in the field of sight measurement and is well

versed in the regulations applying to where and how road markings are to be applied to the road.

Reference projects

Swedish Road Administration Region North, Region Stockholm and Region Mälardalen, 2006–2009

Sight measurement for design of road markings.

Cleanosol, North, 2009–2012

Sight measurement for design of road markings.

Cleanosol, South, 2009–2012

Sight measurement for design of road markings in conjunction with new pavement projects

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