



12TH TECHNICAL COMMITTEE ON ROAD SAFETY & 4th Western Balkans Road Safety Observatory

Brussels, 6 December 2022



DIRECTIVE 2008/96/EC on road infrastructure safety management

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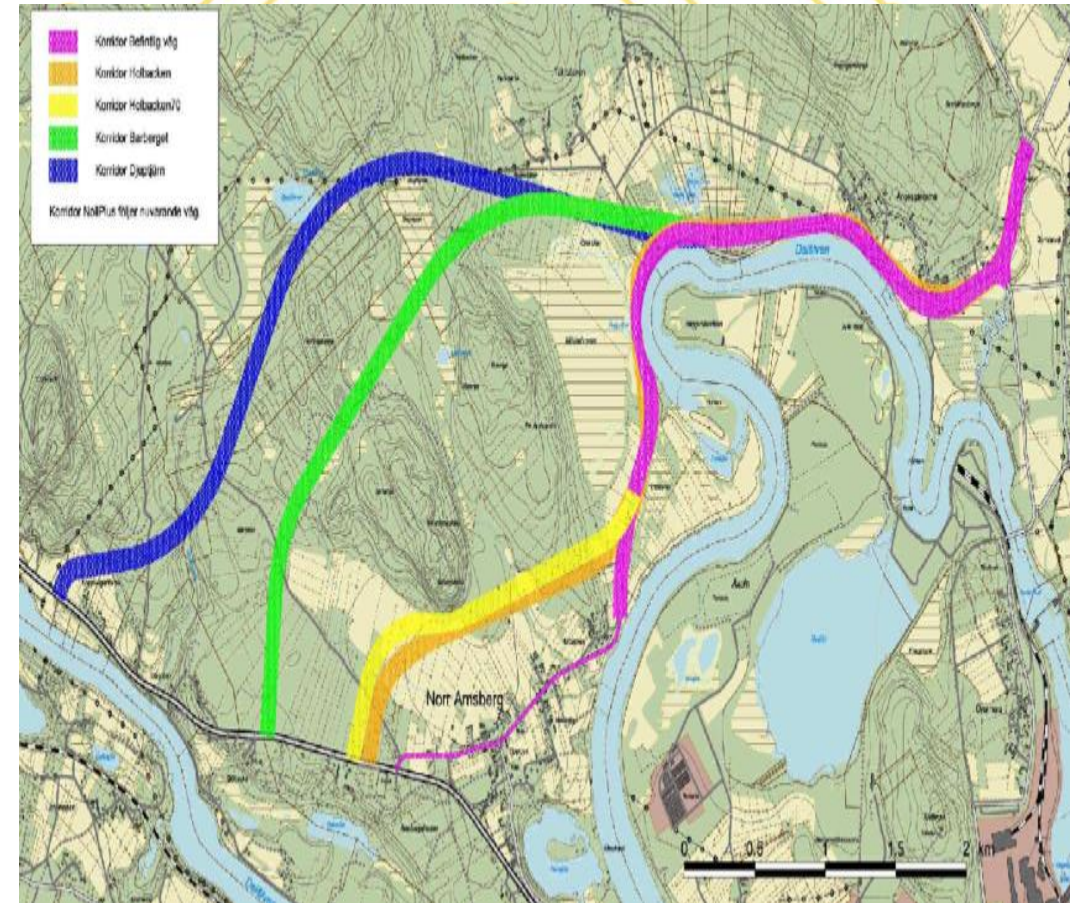
Scope: *high speed roads*

- TEN T network
- Primary roads
- EU funded Interurban roads



Road Safety Impact Assessment

- Strategic comparative analysis of a new project on the safety of the road network
- New road alternatives compared based on the weighted scale of criteria
- During (pre)feasibility study



Road Safety Audits

- ✓ Independent, detailed, systematic and technical safety check of the design characteristics of project
- ✓ All stages:
 - draft design,
 - detailed design,
 - pre-opening
 - early operation

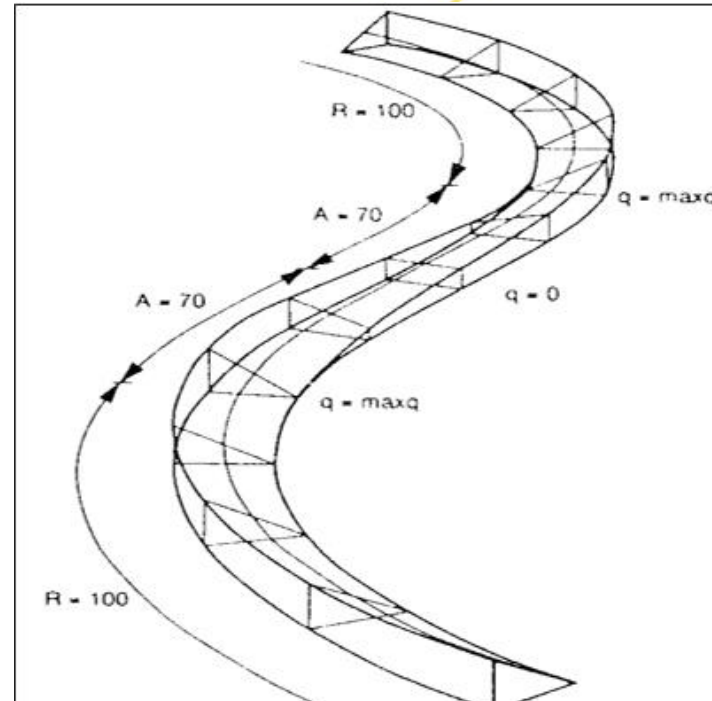
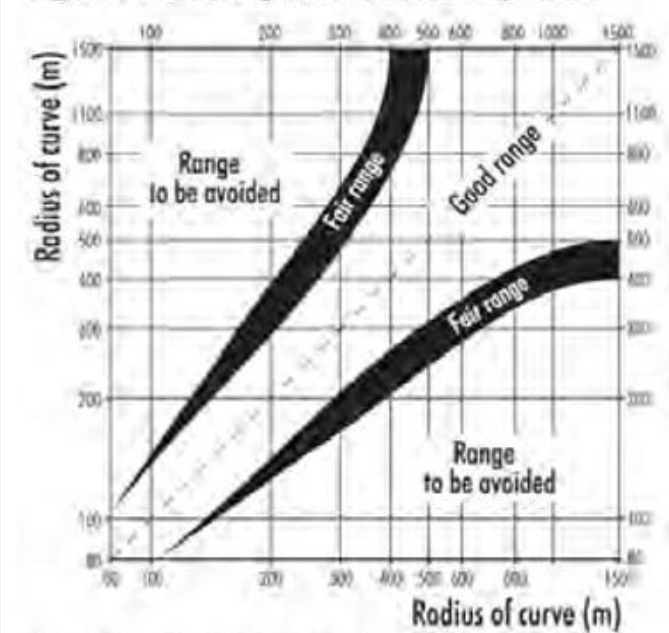


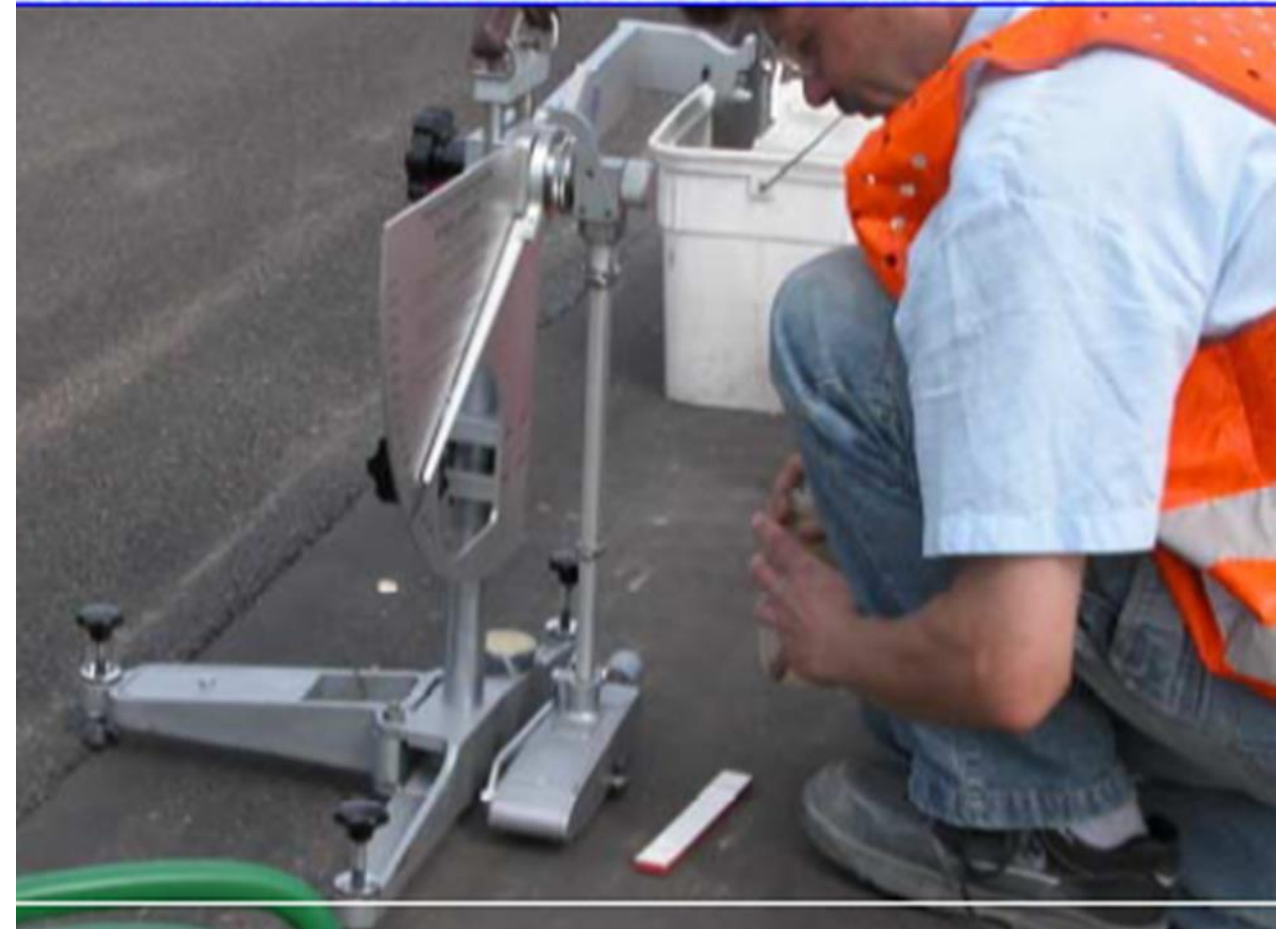
Figure HA-9 Tuning radii in curve sequences



Source: European Commission, Road User's Handbook (1992)

Periodic Road Safety Inspections

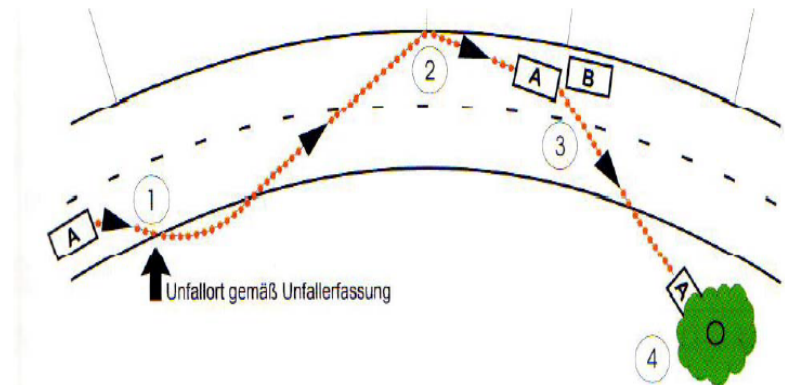
- ✓ Correlated with maintenance (to re-establish safety features)
- ✓ Sufficiently frequent
- ✓ National guidelines for road works
- ✓ Joint teams to inspect tunnels, at maximum 6 years



Targeted Road Safety Inspections

- ✓ On black spots, sections with serious accidents
- ✓ According with the Network wide road safety assessment
- ✓ Can question the design principles
- ✓ Triggers actions from the road manager

Location of accident

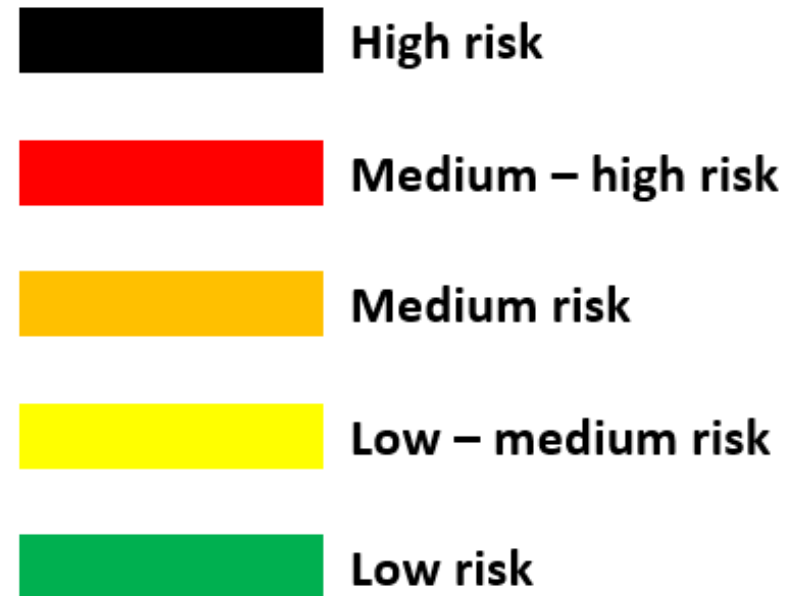


Reference: M Uko, 2012

- 1 - point with a road deficit, that had caused the driving mistake
- 2 and 3 - point of collision
- 4 - position of vehicle, which is normally recorded by the police officer

Network-wide road safety assessment

- ✓ Evaluates accident and impact severity risk, based on:
 - a visual examination of road characteristics (in-built safety)
 - serious accidents statistics over 3 years
- ✓ Results in a minimum 3 categories classification of sections
- ✓ Worst sections are to be followed by targeted inspections
- ✓ By 2024, then every 5 years



Road Safety Auditors

Tasks:

- Road safety audits
- Targeted road safety inspections

Certificate of competence

- ✓ Experience in road design, road safety engineering, accident analysis
- ✓ Trained initially and periodically
- ✓ Independence and no conflict of interests



Obligations of Member States

- ✓ To establish the network in scope and to communicate it to the Commission
- ✓ To draft RISM application guidelines
- ✓ R.S. impact assessment, R.S. audits and Network wide R.S. assessment, periodic and targeted R.S. inspections (including the follow-ups)
- ✓ Reports for accidents with victims
- ✓ To consider the needs of vulnerable road users
- ✓ To consider the needs of automation regarding the signs and markings
- ✓ To encourage the voluntary reporting of R.S. issues
- ✓ Certification and appointment of R.S. auditors



Thank you