



ROAD | **TRAFFIC** | INSPECTORATE

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”How do you build a Safe Road System in
which no-one dies?”

A difficult question to answer....or?



Vision Zero in brief

- Vision Zero” envisions a future in which no one will be killed or seriously injured on roads.
- Vision Zero” is basically a question of ethics; specifically, that road deaths are unacceptable.
- Vision Zero” is based on the premise that it is not always possible to prevent road accidents, as people sometimes do make mistakes.



Vision Zero

Shared responsibility

System designers are responsible for the design, operation and the use of the road transport system and are thereby responsible for the level of safety within the entire system.

Road users are responsible for following the rules for using the road transport system set by the system designers.

If the users fail to comply with these rules due to a lack of knowledge or ability, **the system designers** are required to take the necessary further steps **to counteract people being killed or injured.**



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- Identification
 - *Deficiencies*
 - *Criteria*
- Priority
 - *Where to start*





<i>Accident type</i>	<i>Killed, Swedish state roads 1999-2006, %</i>
Run-off	31
Head-on	32
Overtake	4
Rear-end	2
Turn-off	4
Crossing	7
Bike	4
Pedestrian	8
Other	7
Total	100



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As head-on collisions and run-off accidents are very common the use of median- and road side barriers are most important





Safety zone

(high standard)

70 km/h >7 m

90 km/h >9 m

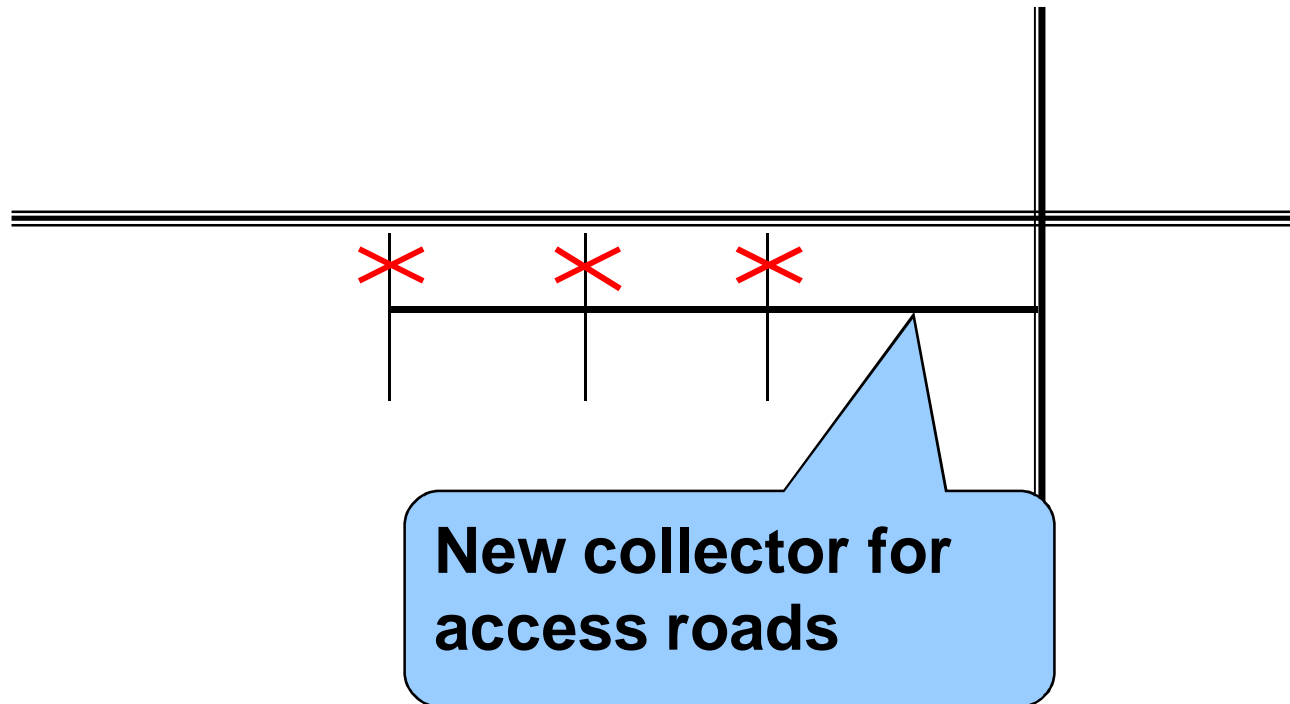
110 km/h >10 m

Flat slopes and no obstacles.



Access control measures

Take away access roads when possible





- Separated lanes in different directions
- Non-hazardous road-side areas
- Access roads/Intersections
- Speed management



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Thank you for your attention!

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