

Proposal for amendments to GRVA-20-22

Note: The text reproduced below is based on the document GRVA-20-22. Modifications to that document are indicated in **red bold** for new characters and ~~red strikethrough~~ for deleted characters.

I. Proposal

Paragraph 6.2.4.1., amend to read:

6.2.4.1. When there is an approaching vehicle.

~~[The system shall be designed to not make an approaching vehicle decelerate at a higher level than 3.0 m/s²,~~

~~(a) 1.4 seconds after the system starts the lateral movement of the lane change procedure; and~~

~~(b) 0.4 seconds after the system starts the lane change manoeuvre, provided that the approaching vehicle was detected by the DCAS vehicle for a duration of at least 1.0 seconds immediately before the lane change manoeuvre starts, if applicable,~~

~~to ensure that the distance between the two vehicles is never less than that which the DCAS vehicle travels in 1 second.]~~

The system shall be designed to not make an approaching vehicle decelerate at a higher level than 3.0 m/s² in order to ensure that the distance between the two vehicles is never less than that which the DCAS vehicle travels in 1 second.

This assessment shall be performed with the assumptions that the approaching vehicle begins its deceleration:

(a) 1.4 seconds after the system starts the lateral movement of the lane change procedure; and

(b) Either:

(i) 0.4 seconds after the system starts the lane change manoeuvre, provided that the approaching vehicle was detected by the DCAS vehicle for a duration of at least 1.0 seconds immediately before the lane change manoeuvre starts; or

(ii) 1.4 seconds after the system starts the lane change manoeuvre.