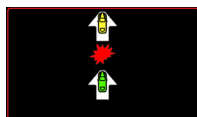


Cooperative Intelligent Transport Initiative

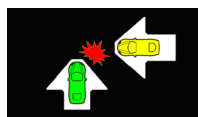
Feedback from drivers

Safety alerts

Several safety applications have been trialled so far. Heavy vehicle drivers participating in the initiative may receive these alert messages on an audio-visual display:



forward collision
nose-tail crash likely



intersection collision
shows threat from left
or right



harsh braking ahead
acts as "electronic
brake light"



red light alert
when light is red
or amber



speed limit information
provides heavy vehicle
speed limit

More alerts may be added as the project progresses.

Participating drivers have provided the following feedback on the technology through focus groups, questionnaires and interviews.

Subject	Driver Responses
Overall Support for the technology	<p>Most drivers are positive towards the technology and think CITS would make roads safer, if:</p> <ul style="list-style-type: none"> • more vehicles on the network were fitted with the technology • additional alerts are added. • accuracy of positioning improves
Initial Impressions	<p>Generally positive, although opinions ranged from unimpressed to quite positive.</p>
Usefulness of Alerts	<p>Drivers consider that, as professional truck and bus drivers, vigilance is their duty.</p> <p>Many drivers stated that the alerts would be useful for other drivers, but not for them personally.</p> <p>Drivers report they do not rely on alerts but do check them.</p> <p>Some alerts were more useful than others. The speed limit alert was considered most useful.</p>
Accuracy of Alerts	<p>Truck drivers reported the forward collision alert had many false alerts and were concerned the false alerts could be confusing or distracting. (Bus drivers have not experienced this alert). Following this feedback, this alert was disabled. See the 'position accuracy' fact sheet for more information on this issue and possible solutions.</p> <p>The heavy vehicle speed limit alert was considered to be the most accurate.</p> <p>The red light alert was considered not accurate or timely, although drivers recognised the potential benefits of this alert if it could be improved.</p>

Subject	Driver Responses
Desired additional Alerts	<ul style="list-style-type: none"> • Weather events • Height alert for tunnels and bridges • Green light extension for heavy vehicles (priority at traffic signals) • Speed alerts for all speed zones • Pedestrian alert • Wider traffic applications, including road closures, congestion, route planning etc.

Future research

The initiative continues to expand. About 50 light vehicles have recently been fitted and five additional signalised intersections will be fitted with C-ITS devices. Ongoing improvements to system operation and effectiveness will continue to be made as the project progresses.

Further information

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