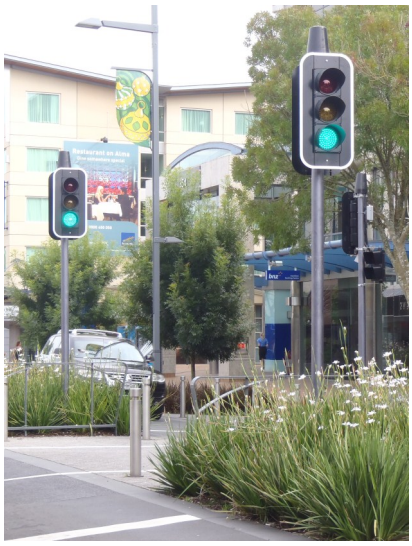
CITY TRANSPORTATION UNIT

Traffic Signals



Traffic signals are a common form of traffic control device throughout Hamilton city. We now have over 80 intersections with traffic signal control, and there are more planned for introduction over the next few years.

The traffic signals in Hamilton city are controlled by an intelligent transport system called SCATS (Sydney Computer Adaptive Traffic Signals). As the name suggests, this system was developed in Sydney, Australia and is now in use in many countries including New Zealand. The SCATS computer gathers information through detector loops in the road at each intersection, which it uses to monitor traffic flows and to adjust the amount of green time given to each traffic movement. It also carries out other management initiatives such as traffic signal co-ordination between intersections.

Traffic signals are not only an efficient way to manage traffic, they also provide a safe environment for pedestrians and cyclists to negotiate their way around the city.

However, while traffic signals are an efficient way to move traffic, the crashes that occur at these sites are often more serious than those occurring at roundabouts due to the higher speeds involved. These crashes are often as a result of red light running.

We have been upgrading our traffic signalised intersections via the installation of LED lamps and now have the majority of our intersections using this technology. LED lamps have a number of advantages including:

- Better visibility for approaching motorists
- Longer lamp life—resulting in less blown bulbs requiring maintenance
- Reduced power consumption.

Hamilton city manage all of the traffic signals in the city—including those on the State Highway network and in Huntly.

We do have a monitoring process in place for identifying faults in the system but always appreciate a call from the public to tell us about any faults that they notice on their travels. When you report a fault please let us know the direction you are travelling and both of the roads names at the intersection you are at. The light controllers also have a 4 digit number on them for easy identification.

To report a traffic signal fault please phone
Phone: 07 838 6699.
E-mail: info@hcc.govt.nz

Hamilton City Council
Te kaunihera o Kirikiriroa