



Road Network Operations Centre



Main Roads' state-of-the-art Road Network Operations Centre is responsible for managing traffic flow across the entire metropolitan region, including on our new Smart Freeway.

This purpose-built facility is designed to optimise road network safety, performance and congestion management – keeping Perth motorists safe and making journey times shorter and more reliable.

See over for details or visit
SmartFreeways.wa.gov.au



Part of the
Transforming Perth's
Freeways initiative

SmartFreeways.wa.gov.au



What does the Road Network Operations Centre do?

The Operations Centre monitors traffic across Perth's main roads and freeways, including the new Smart Freeway. Our operators also work closely with emergency services to manage real-time incidents and events on the road network.

Operations Centre and the Smart Freeway

The Operations Centre uses a range of advanced technologies to gather real-time traffic data. It uses that information to detect and respond to incidents, change speed limits and activate ramp signals, which in turn keeps traffic flowing smoothly.

Features of the new Smart Freeway include:

- Overhead electronic signs to open and close lanes as needed and to change speed limits to meet traffic conditions
- Electronic message boards to provide additional driver information about the conditions ahead
- Co-ordinated ramp signals on five northbound on-ramps to make merging onto the freeway easier and safer
- Incident detection systems to detect vehicles stopped on the Smart Freeway and in the emergency stopping bays
- Incident Response Service with trained personnel in specialised vehicles to attend breakdowns and incidents.

By using this technology and sharing information with drivers, travel times on the Smart Freeway will be reduced. There'll be less congestion, improved safety and traffic will flow more smoothly.

If you would like to know more about Smart Freeways and how they work, visit SmartFreeways.wa.gov.au