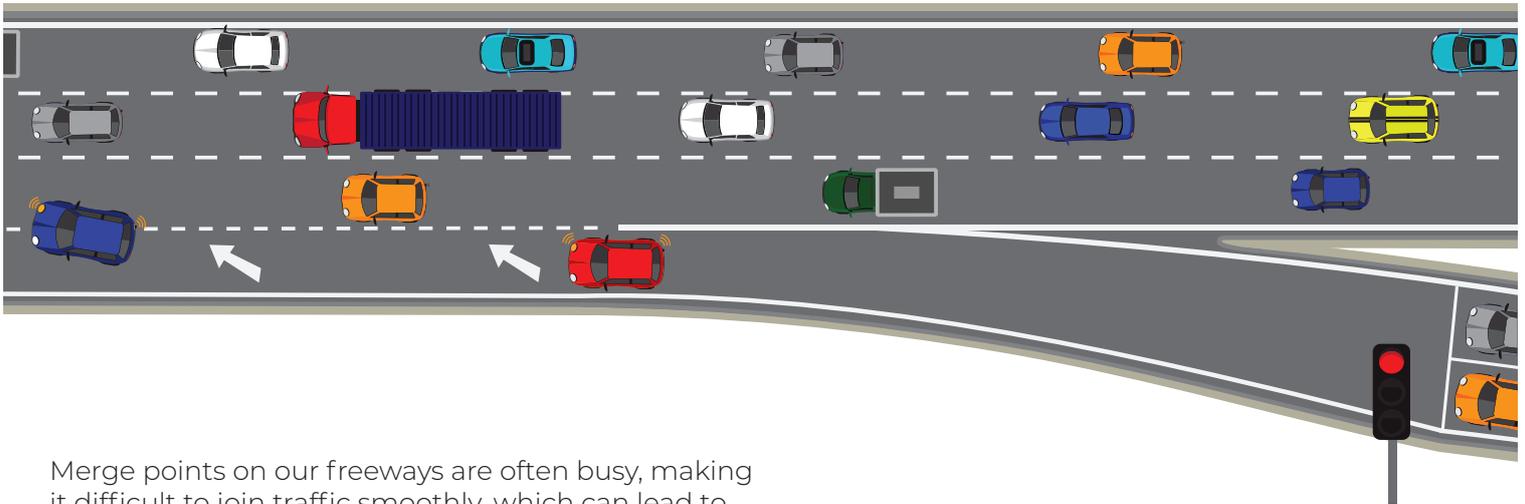




Merging made simple.



Merge points on our freeways are often busy, making it difficult to join traffic smoothly, which can lead to congestion.

Ramp signals and the introduction of new technology on our Smart Freeway will help make merging easier and safer.

See over for details or visit [SmartFreeways.wa.gov.au](https://www.smartfreeways.wa.gov.au)



Part of the
Transforming Perth's
Freeways initiative

[SmartFreeways.wa.gov.au](https://www.smartfreeways.wa.gov.au)



▶ What is merging?

Merging occurs when two lanes come together to form one. On the freeway, this mostly happens when you're moving from the on-ramp to the main freeway lanes.

▶ How does the technology help with merging?

During peak periods it can be difficult to get up enough speed to merge seamlessly into the traffic because so many motorists are trying to do the same thing.

This can cause stop-start conditions on our freeways.

That's why we've introduced on-ramp signals on our Smart Freeway. These are located at Farrington Road, South Street, Leach Highway and Cranford Avenue and will control the release of traffic onto the freeway ahead.

The on-ramp traffic signals work just like those on suburban roads and highways, only faster. Sensors in the freeway itself constantly measure traffic flow on the freeway and communicate with all the other ramp signals.

The smart technology determines how much traffic can enter the freeway by varying the red signal timings. As the first car travels through the short green period, the lights turn yellow and then red again. Only one car per green per lane is released to the freeway each time. This keeps the traffic on the freeway flowing.

By managing the entry of vehicles onto the freeway, everyone gets a chance to find a gap and merge smoothly into the traffic.

▶ What will you need to do?

Just as you do with all traffic signals, simply stop on red, go on green and prepare to stop on yellow.

The timing of the signals will give each vehicle enough space to get up to the proper merging speed as they join the freeway.

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