Graduate Network Operations Program

Main Roads Network Operations Graduate Program allows you to gain diverse, hands-on practical experience through a **two-year rotational program across critical areas within our Road Network Operations Centre.**

Begin your Career at Main Roads!

Our main goal is to help you grow. As a leader, as a thinker – and as an individual who has an impact in our communities.

Main Roads manages over 18,500km of roads in Western Australia, providing the community with a safe, reliable, and sustainable road-based transport system.

Our Road Network Operations Centre (RNOC) is the nerve-centre of Perth's Road network. It is a world-class traffic management centre with a diversely skilled team, using industry leading technology, big data, and control systems.

As a Network Operations Graduate, you can gain a wide range of skills and experience in the following:

Traffic Operations & Network Optimisation

Work hands on with the traffic control systems that manage over 1000+ traffic signals across WA, as well as thousands of Intelligent Transport System (ITS) devices – including Perth's expanding Smart Freeways network. Optimise the performance of the network through data driven decision making, see the results in real-time, and play a vital role in keeping people and freight moving.
See how major events and disruptions are managed on Perth's transport network, in a live control room environment.

Traffic Engineering & Design

Provide specialist technical advice into road and intersection designs, major infrastructure projects and developments applications. Identify and investigate road upgrade projects that improve the journeys and safety of all road users.

Data Analytics & Artificial Intelligence

Work with our in-house big data systems and AI resources to develop new tools that identify performance gaps, and drive improvements to the road network.

Traffic Modelling & Visualisation

Gain training and valuable experience in the use of microanalytical and microsimulation modelling software.
Evaluate the performance of major road upgrades to ensure the best outcomes for all road users and visualise the end product.

We are seeking highly motivated graduates or students with excellent problem solving and analytical skills, who can exercise critical thinking, effective communication, and work collaboratively in a team environment.

If you're prepared to tackle complex issues, learn new technical skills, and help drive our commitment to improving road journeys in WA, then the Network Operations Graduate Program is for you.

Interested in Joining Us ?

To be eligible to apply for our Graduate Network   Operations Program you must:

- Bachelor's Degree of Science, Data Science, Data Analytics or Urban and Regional Planning
- A current CV
- Proof of Australian Citizenship or Permanent Residency
- WA Drivers Licence

We are committed to achieving a diverse workforce and strongly encourage Aboriginal and Torres Strait Islander people to apply