



Graduate Engineering Program (Civil) – Road Network Operations

Your future, our direction

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

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 impact on our communities.

Here are some key deliverables you may be responsible for while working as a Graduate Engineer in our Road Network Operations Centre.

Road Network Operations

You will get the chance to monitor traffic and analyse real-time data to make informed decisions to *keep WA moving*. You will learn how Intelligent Transport Systems (ITS) and technology are used to manage traffic flow. You will be monitoring and adjusting traffic signals to optimise traffic flow, and reviewing traffic management plans to minimise impact on the road network.

Traffic Modelling

Learn our traffic modelling methods and software to assess the impact of different projects, developments and initiatives on the road network, contributing to better planning and operations of roads.

Network Performance Analysis

You will spend time analysing data to provide insight into trends and overall performance of the road network. A vital part to making informed decisions is providing data and reports that improve our road efficiency.

Road Network Performance Management

You will identify performance gaps and contribute to strategies that optimise safety and efficiency of our roads, play a vital part in identifying projects and initiatives that improve the performance and review designs for intersections and traffic signals whilst analysing the impacts on the community.

Stakeholder Relationships

Consult, liaise and collaborate with stakeholders (e.g. customers, contractors, and developers) on projects and initiatives that impact the road network.

We want to hear from you!

We are seeking highly motivated students who are prepared to tackle complex issues, have excellent communication skills and thrive on working in team in a changing environment. We look for proactive results driven people to help drive our commitment to building a better WA.

To apply, we require the following:

- University Degree in Civil Engineering
- An up to date CV
- Cover Letter (refer to the job ad – we will ask you to write about some specific points)
- Proof of Australian Citizenship or PR
- 'C' class Drivers Licence
- Face to face interview
- Cultural fit and interest in working in Road Network Operations

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