



Graduate Spatial Science Program

The Graduate Spatial Science Program will provide you **exciting, diverse and hands-on practical experience** through a three-year rotational program within our Asset & Geospatial Information Branch.

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.

The Asset and Geospatial Information Branch (part of our Planning and Technical Services Directorate) co-ordinates corporate road data and manages information system needs - in particular managing the procurement, storage and provision of corporate road asset, network information and essential transport models. The team also provides technical expertise and advice in engineering and mapping surveying, geospatial technologies, geodesy, data management and contextual geographical information.

Engineering Surveying

The Surveying & Mapping Services Section is responsible for the collection, delivery, validation, storage, management and retrieval of all Main Roads engineering surveying and mapping project outputs.

We use the latest capture technologies as Terrestrial and Mobile Laser Scanning, LIDAR, GPS/GNSS surveying and Drones and oversee data quality, management and accessibility for internal and external stakeholders and customers.

Geographic Information Systems and Engineering Surveying

Embrace the opportunity to work and learn from GIS and Surveying specialists to map out projects to meet client and stakeholder needs. Get hands-on experience in performing spatial data capture and construction experience using state of the art technologies and processing and managing corporate road data.

Development and Application of Standards and Guidelines

Contribute towards the development, review and use of technical standards and guidelines in the GIS and Surveying fields and provide technical support to GIS projects for internal staff and consultants.

GIS

Main Roads utilises GIS ESRI products to use data and information for the purpose of evidence-based decision making, that leads to a safe, reliable and sustainable road-based transport system. This data provides exciting opportunities for data users to develop and explore transport related products and services for our customers.

Project Management

In close collaboration with a range of internal and external stakeholders, you will have the opportunity to manage projects of varying sizes, from cutting-edge technology and innovation projects to intersection upgrades. Enjoy seeing your projects being delivered to the benefit of our road users, making our roads safer, more efficient and reliable!

We are seeking highly motivated graduates who are prepared to tackle complex issues, have excellent communication skills and thrive working in a dynamic team environment.

Interested in Joining Us ?

To be eligible to apply for our Graduate Spatial Science Program you must:

- Have a Bachelor of Surveying or relevant discipline
- 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

