



GRADUATES  
Investing in a better future



Drive your career with the RTA

# Civil Engineering

“As a civil or structural engineer in the RTA you will be able to use your technical skills and project management training in a practical way to achieve great outcomes for a variety of interesting projects in Sydney and across NSW.”

John Dinan  
RTA Civil Engineering Discipline Champion



As a civil engineering Graduate you are involved in many aspects of managing RTA's vast range of road infrastructure projects, from initial concept planning to construction and maintenance. You will learn sought after skills to help you develop as a professional engineer.

## What you would do

- Construction and maintenance of road, bridge and traffic infrastructure
  - Earthworks, drainage, pavement construction, bitumen sealing, asphalt, concrete work, public utility adjustment, material selection, protective coatings, traffic control at worksites, estimating and bidding, daily costing.
- Planning and development of motorways projects.
- Contract management
  - Writing commercial conditions, tendering, contract administration, subcontractor management, quality assurance, monitoring and forecasting, performance reports, site surveillance.
- Project management
  - Project scoping, preparation of project plans, risk identification and management, cost benefit analysis.
- Asset management
  - Planning, procurement and management of asset maintenance activities.
- Development and delivery of integrated road transport and behavioural solutions.
- Specialist technology and technical support including professional services such as survey, geotechnical, structural, bridge, pavement, ITS, laboratory and design services.

## Where you could work

- Road and bridge design, planning, construction, maintenance and rehabilitation
- Asset management and performance
- Transport planning, management and operations
- Pavement design, rehabilitation, and surfacing
- Road safety strategy, implementation and maintenance
- Road and freight compliance and strategy
- Road network management and traffic engineering
- Project management
- Major Infrastructure
- Network Management
- Road Services
- Bridge Services

## About the RTA's GRAD program

Our comprehensive two to three year program offers graduates the opportunity to develop a wide range of skills in a variety of environments, working in teams with highly experienced professionals while receiving ongoing support from a dedicated mentor.



### Graduate profile

## Genie

"Working at the RTA is interesting, challenging and enjoyable."

"The RTA's GRAD Program definitely provides great opportunities. I am currently working on the maintenance program for the famous Seacliff Bridge.

I definitely see myself staying at the RTA - there's nowhere else in Australia or possibly in the world that could give me the bridge engineering experience I get here. There are flexible working hours, support for professional development and a great salary package.

I've also made so many friends – especially within the large GRAD network in the RTA."