



# GET YOUR CAREER ON TRACK



Public Transport  
Authority

CONNECTING PEOPLE AND PLACES

# THE PTA GRADUATE PROGRAM



**WA's public transport system is recognised as one of the most efficient, clean and safe networks in the world.**

At the Public Transport Authority (PTA), we provide an integrated network of train, bus and ferry services throughout the state. We are also responsible for designing, building and maintaining the transport infrastructure.

Every day, hundreds of thousands of people rely on us to get them where they need to go. While we have the capabilities to move millions of people, we also need a talented workforce to make it happen.

Each year we recruit a number of talented and dedicated students for our three-year Graduate Program.

Our needs are constantly changing and, as such, the types of graduates we recruit may vary from year to year. We commonly recruit graduates in the following disciplines:

- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Urban Planning
- Accounting
- Environment

## WHY CHOOSE THE PTA?

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It's an exciting time for public transport in Perth, with major projects such as METRONET focused on connecting our suburbs, reducing road congestion and meeting Perth's future planning needs.

This is Perth's most ambitious program of rail projects yet, with stage one set to deliver approximately 72 kilometres of new passenger rail and up to 18 new stations.

Becoming a graduate with the PTA means you'll work with leading-edge technology in a safe, diverse and friendly environment.

You'll gain experience in various areas of our business through planned rotations and will have the opportunity to set up your career while contributing to a public service that people rely on every day.



"Working at PTA has opened up an entire career path to me in rail that I didn't know existed. It's given me countless opportunities to take on engineering challenges that contribute to a safer, more efficient railway for the local community – it's rewarding!"

*Kara Symes - Past Graduate Electrical Engineer*

# GRADUATE PROGRAM BENEFITS



The PTA's Graduate Program offers participants many exciting and challenging opportunities to contribute to the future of public transport in WA, in addition to a range of benefits which include the following.

- Salary packaging, regular salary reviews and performance feedback.
- Financial assistance and study leave for further education.
- Access to leading-edge technology and the opportunity to work with some of the most knowledgeable engineers, transport professionals, managers and policy-makers in Australia.

- Access to professional and personal development through a structured graduate development program, including:
  - Individual support from the dedicated Graduate Coordinator.
  - Three-year rotation plan designed to develop and broaden skills.
  - Support to progress toward Chartered Engineer Status (CPEng) or Certified Practising Accountant status (CPA).
- You'll be working for an organisation that reduces carbon emissions as a result of carrying hundreds of thousands of passengers a day.
- Enjoy a great work-life balance with access to a free gym, health and wellbeing initiatives and flexible working conditions.

# WHAT OUR GRADUATES DO

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## ELECTRICAL

Electrical engineering graduates are rotated through the following sections:

### Electrical Engineering

You'll have the opportunity to learn and experience a wide array of High Voltage systems that include 25kV Overhead Line Equipment (OLE), 132/25kV traction power systems, 11/22kV non-traction power systems, SCADA, protection control as well as earthing and bonding systems.

### Signals

Learn and experience how the signalling control and command systems are designed, configured, maintained and operated. This includes level crossings, wayside signalling and remote control systems.

### Communications

You'll be introduced to communications assets and systems including CCTV, AV passenger information, security, radio, fibre optics and copper transmission systems and telephony, and will be involved in various stages of complex infrastructure projects including design, implementation, integration and commissioning.

### Operational Technology

You will have the opportunity to learn and gain experience working on integrated operational technology systems including SCADA networks, RTU's, digital CCTV and data centre infrastructure, as well as opportunities to be involved in complex infrastructure projects and asset renewal programs.

### Planning and Infrastructure Performance

You'll be introduced to the asset management and infrastructure operations of the Network and Infrastructure (N&I) division. Learn and experience N&I's maintenance planning function, Infrastructure Fault Control Centre, inventory management function, performance management function and strategic asset management function.

### Program and Projects

You'll have the opportunity to learn and assist in the planning and delivery of significant infrastructure projects.



# WHAT OUR GRADUATES DO



## CIVIL

Civil engineering graduates are rotated through the following sections:

### Rail Planning

You will be assisting with strategic network planning, demand forecasting and developing operational concepts as well as infrastructure design and estimating for the location of new railway lines or extensions to existing lines, depots, stations, stowage and vertical transport.

### Rail Engineering

Working with project teams, you will assist with the engineering and design of new railway tracks, platforms, earthworks, drainage, railway structures, stations and train depots.

### Track & Structures Maintenance

You will have the opportunity to assist in the maintenance of track and structures by inspecting, monitoring and recording conditions of assets, scheduling and estimating of works for maintenance and upgrades as well as dealing with external parties requesting access to the rail reserve.

### Project Management

You will be involved in program planning, scheduling and budgeting for the construction of new works.

You will also assist in the preparation and review of project documentation especially work methodologies, risk assessments and safety management plans.

You may also be involved in the construction, management and supervision of contracts and may undertake site inspections if required.

# WHAT OUR GRADUATES DO

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## MECHANICAL

Mechanical engineering graduates are rotated through the following sections:

### Rollingstock Maintenance and Design

You will lead investigations into system reliability problems and develop solutions to address the root cause(s) of the problems. You will also develop designs to integrate modern technologies into our rolling stock assets.

### Track & Structures Maintenance

You will assist in the maintenance of track and structures by inspecting, monitoring and recording conditions of assets, scheduling and estimating of works for maintenance and upgrades, as well as dealing with external parties requesting access to the rail reserve.

### Signals

You'll have the opportunity to learn and experience how the signalling control and command systems are designed, configured, maintained and operated. This includes level crossings, wayside signalling and remote control systems.

### Overhead Line Equipment

You'll have the opportunity to learn about and assist in the renewal, refurbishment and maintenance of the electrified network that includes 25kV Overhead Line Equipment (OLE).



"The support provided to us graduates, not only from the HR department – who have been amazing all along – but also the time and attention from every level in this large organisation. I truly value their commitment and support for graduates. I believe this organisation sets a benchmark in how they work with graduates and I will strive to achieve that level of standard in my work."

*Jean Clarel Kelly - Past Graduate Mechanical Engineer*

# WHAT OUR GRADUATES DO



## URBAN PLANNING

### Transperth Service Development

You will be involved in operational planning, with a five year horizon, for the Transperth network.

You will be exposed to the longer term planning for public transport across the State and a broad range of service planning activities, including the planning for new services and approving timetable amendments for existing services.

You will also represent Transperth at public consultation sessions for service changes.

### Regional Town Bus Services

As part of the RTBS team you will be involved in the operational planning and design of existing or planned bus service networks in regional towns throughout Western Australia, and be exposed to a diverse range of service planning activities.

You will liaise with PTA contractors, local councils and customers on a regular basis. Supervised travel to regional WA may also form part of your rotation.

# WHAT OUR GRADUATES DO

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## ENVIRONMENT

### Environmental Services

You will be involved in environmental planning approvals, environmental management and compliance services for new projects and existing operations.

You will gain exposure to the management of contaminated sites in addition to noise and vibration monitoring of the existing rail network.

### Major Projects Unit - Environment Team

As part of the Major Projects team you will develop an understanding of construction environmental and heritage management on large scale infrastructure projects.

You will be involved in site-based environmental inspections, environmental audits and the review of environmental management plans and monitoring data.

You will have the opportunity to work closely with, and provide advice to, the construction team.



# WHAT OUR GRADUATES DO

## ACCOUNTING

Accounting graduates will have the opportunity to work in a variety of areas within the Finance and Contracts division as well as the operationally focused divisions such as the Transperth Regional and School Bus Services division.

You'll be involved in a variety of functions and business processes including:

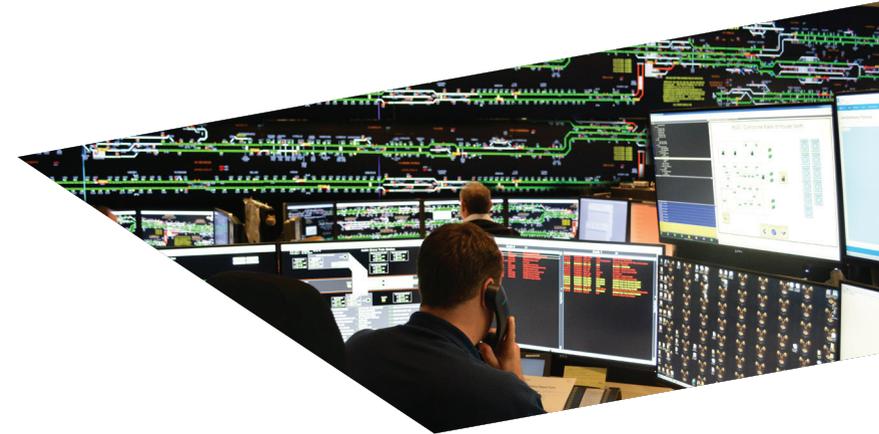
- Accounts receivable
- Accounts payable
- Financial systems
- Budgeting
- Financial reporting and compliance
- Management reporting
- Procurement
- Contract management

You will gain experience in these areas from both corporate and operational perspectives.



# COMMENTS FROM OUR GRADUATES

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"The PTA graduate program has provided me with a breadth of Electrical Engineering experience that I did not think possible in a single organisation.

So far I have had the opportunity to work with extra low voltage communications devices, industrial LV systems and on the 25kV traction power network that keeps the rolling stock rolling!"

**Stephen Endicott**  
Past Graduate Electrical Engineer

"The PTA graduate program for civil engineering is designed to transition you from a graduate to a well-rounded and competent engineer.

The rotations provide you with exciting opportunities to work in both the office and in the field to gain a breadth of experience and the skills necessary to excel in the profession.

There is also a lot of freedom to drive your own career path, with managers allowing you to choose the projects which best match your career aspirations. There are few opportunities as good as this, so don't miss out."

**John Marra**  
Graduate Civil Engineer

## FOR FURTHER INFORMATION

Visit: [www.pta.wa.gov.au](http://www.pta.wa.gov.au)

Telephone: (08) 9326 3327

Email: [gradprogram@pta.wa.gov.au](mailto:gradprogram@pta.wa.gov.au)



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