

TRANSPORT RAIL

Capability and experience

rpsgroup.com



Image courtesy of
Rail Projects Victoria



BRINGING TRANSPORT IDEAS TO LIFE

We support our clients to invest with confidence, streamline approvals and optimise their return on investment in rail infrastructure.

With expertise across a broad range of project types and scales – from light rail initiatives to region-shaping underground metro solutions – we guide rail projects as they move from initiation to procurement, construction and operations.

Combining the skills of our advisory, technical and commercial consulting specialists, we help you navigate the challenges of rail infrastructure design and delivery.

WE OFFER

- Commercial and technical advisory
- Communications and stakeholder engagement
- Design and development
- Due diligence
- Economics and data insights
- Environmental services and approvals
- Planning and approvals
- Project, program and contract management
- Transaction advisory

WE DELIVER

- Asset maintenance
- Intermodal solutions
- Network integration and optimisation
- Operations
- Project identity and branding
- Rolling stock procurement
- Route selection
- Transport planning



With you throughout the **PROJECT LIFECYCLE**

1 POLICY, STRATEGY AND PLANNING

RPS helps you to develop your project scope in alignment with policy and regulatory frameworks, stakeholder needs, market conditions and preferred models of funding and delivery. Our consultants strategically evaluate objectives and develop commercially-led, technically sound project plans. We offer the guidance you need to define what success looks like for rail in your region and develop clear plans for achieving your goals.

- Economic and financial modelling
- Due diligence and risk assessment
- Scope definition and feasibility
- Strategic stakeholder engagement frameworks
- Business cases
- Project governance

1

2 DESIGN AND DEVELOPMENT

We assist you to engage with the market, define works packages, develop contracts and procure services. Our advisory consultants provide guidance on project planning, governance, sequencing, approvals, compliance and delivery, while our communications team is here to help you gain an in-depth understanding of community needs and secure public support.

- Works packages and project sequencing
- Data room set up and management
- Cost estimating
- Delivery authority establishment
- Community engagement
- Compliance frameworks
- Planning and approvals

2

3 PROCUREMENT AND DELIVERY

As you work through each project phase, our specialists guide you towards positive design, development and value outcomes. Our transaction specialists can customise a procurement model to suit your commercial and regulatory landscape, while our planners, designers, environmental specialists and project managers are here to support your project's delivery.

- Procurement packaging
- Market engagement
- Community engagement
- Transaction management
- Environment and heritage services
- Design services
- Surveying and geospatial support
- Project, program and contract management

3

4 OPERATIONS AND MAINTENANCE

We strategically evaluate your rail assets to drive long term performance, enhance value and develop cost-effective maintenance, upgrade and network integration plans.

- Performance assessment
- Commercial review
- Portfolio analysis
- Optimisation advisory
- Strategic maintenance planning
- Asset integration and upgrade planning

4

Our work in **TRANSPORT**



Image courtesy of
Sydney Metro

Sydney Metro

Location: Sydney, New South Wales

RPS has been engaged by Transport for NSW and its delivery partners to support a multi billion dollar revitalisation of Sydney's urban rail network. Working as a key partner within Sydney Metro's integrated project delivery office, RPS is helping to drive efficiencies for the project's business case development, major package procurement and infrastructure delivery, while streamlining the multi-stage approvals process and engaging with stakeholders to ensure Sydney Metro meets community needs.

Services:

- Project investment and finance
- Data analytics and insights
- Transport modelling
- Commercial and technical advisory
- Transaction advisory
- Creative and design services
- Environmental Impact Statement (EIS)
- Communications and engagement
- Survey
- Heritage

Inland Rail

Location: Australia (various)

RPS is supporting a once-in-a-generation rail infrastructure project that will connect key Australian production regions to metropolitan centres and international export markets. Working on Inland Rail works packages for a number of years, RPS has been engaged both directly by Australian Rail Track Corporation (ARTC) and as part of the Future Freight Joint Venture (JV) to provide spatial services and environmental advice. With construction occurring across thousands of kilometres in three states, our work has included detailed surveys of bridges and culverts, rail corridors, private properties, overhead utilities and waterways – information that is critical to the on time, on budget delivery of this landmark national project.

Services:

- Survey
- Heritage
- Environmental permitting and compliance
- Hydrology and hydrogeology
- Sustainability and climate change resilience



The Metro Tunnel Project

Location: Melbourne, Victoria

RPS is involved in a city-shaping project to deliver a new rail line through the heart of Melbourne and five new underground stations. The \$11 billion Metro Tunnel Project will transform the way people move around Melbourne, with 'turn up and go' rail services and improved access to key landmarks and destinations. RPS was appointed by Rail Projects Victoria in 2014 as part of the Aurecon, Jacobs and Mott MacDonald Joint Venture (AJM-JV), to provide specialist communications and engagement, planning, environment and heritage services for the project's planning and design phase.

Services:

- Environmental services
- Heritage
- Planning
- Communications and engagement

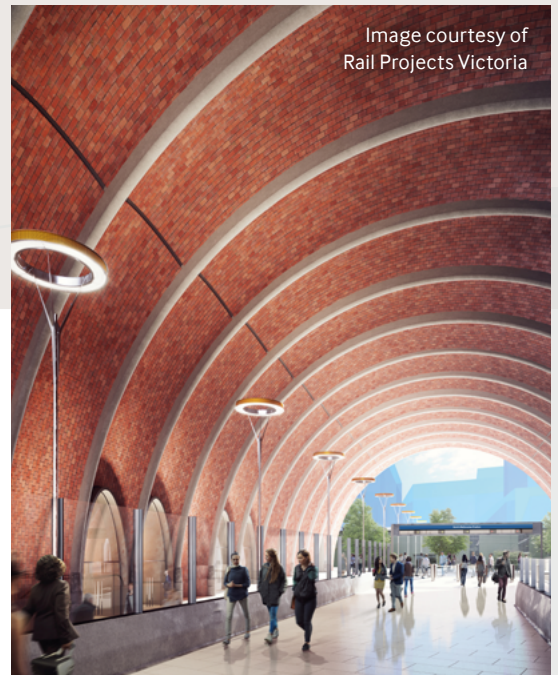


Image courtesy of
Cross River Rail Delivery Authority

Cross River Rail

Location: Brisbane, Queensland

RPS is providing key strategy guidance to Brisbane's Cross River Rail project – an initiative that will fundamentally enhance South East Queensland's transport infrastructure network. Engaged as part of the Cross River Rail Delivery Authority (CRRDA) transaction team, RPS personnel are providing strategic advice to CRRDA on the procurement of contract packages – the largest of Tunnel, Station and Development (TSD) public private partnership (PPP) package and the Rail Systems and Integration (RIS) alliance package.

Services:

- Project investment and finance
- Transaction advisory
- Commercial and technical advisory
- Survey

Parramatta Light Rail

Location: Sydney, New South Wales

RPS has been assisting Transport for NSW to prepare for one of the largest infrastructure projects ever to be delivered in Western Sydney – a new light rail service connecting the city's northwest. Providing strategic, commercial and technical advice, our multi-disciplinary team has led the development of Parramatta Light Rail's procurement delivery strategy, negotiated strategic third-party agreements throughout the project definition phase and is supporting community engagement. Our technical specialists are also helping with route selection and environmental impact management through surveying and environmental services and advice.

Services:

- Data analytics and insights
- Commercial and technical advisory
- Project development
- Surveying and spatial services
- Environmental services
- Community and stakeholder engagement
- Systems assurance
- Environmental Impact Statement (EIS)



Image courtesy of
Transport for NSW



ABOUT RPS

Founded in 1970, RPS is a leading global professional services firm of 5,000 consultants and service providers. With experience across 125 countries and six continents, we define, design and manage projects that create shared value to a complex, urbanising and resource-scarce world.

From the transport infrastructure that keeps our cities moving, to the renewable energy projects that power our regional centres, RPS collaborates with industry, government and the community to take critical projects from ideas to reality.

We work across six sectors:

- Transport
- Property
- Energy
- Water
- Resources
- Defence and government services.