



Experience That Delivers

www.case.international

OUR OFFICES

Global Presence of Companies



North America
Houston, Texas



UK & Europe
Edinburgh, Scotland



South America
Florianopolis, Brazil



Australia
Victoria, Queensland
& New South Wales



New Zealand
Auckland

24 HOUR TEAM

Accelerate the delivery
of effective solutions

8 OFFICES

Our talent is spread all
over the world

The CaSE Difference

We provide innovative solutions that focus on minimizing environmental impact



SUSTAINABLE & INNOVATIVE

It is our priority to protect the present and future of our planet. By embracing new technologies and techniques we are able to develop innovative solutions that minimise the impact on the environment.



GLOBAL CONNECTION

Our teams all over the world work close together on projects to be able to accelerate the delivery of effective solutions.

EXPERIENCED TEAM

Our team consists of highly talented people with greatly sought-after pragmatic experience that are passionate about what they do.



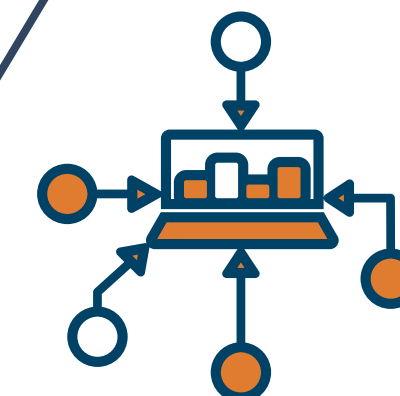
SAFETY AWARE

Safety is the focus on all our projects. We care about the safety of our people, the people building and the people using the infrastructure we construct.



SEAMLESS INTEGRATION

Working closely with our clients helps us understand their needs fully.



The CaSE Business

CaSE is a leading Civil and Structural engineering company. Providing high-quality and innovative solutions for infrastructure projects across the globe.



Our designers use a variety of the latest design and modelling software including BIM to create high-quality innovative and sustainable solutions.



Our Construction Personnel including skilled Managers, Engineers and Supervisory staff integrates seamlessly with the client's team to successfully deliver projects.



From traffic management planning and Road safety Design to traffic control and all-round Project Support, we offer bespoke solutions on infrastructure projects.



The Commercial team offers specialist advice that is comprehensive, tailored, efficient and founded on decades of pragmatic experience.

CaSE & PIKE Design

The Design team has a wealth of pragmatic experience in resolving complex issues and delivering complete solutions. This team provides structural, geotechnical, temporary works & permanent works interfacing design services and SME technical advice across many types of building and infrastructure projects.



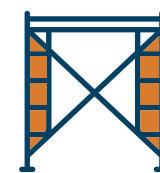
Heavy Transportation



Demolition Engineering



Suspended Formwork



Heavy Propping



Steel Design & Fabrication



Permanent & Temporary Works



Lifting Frames



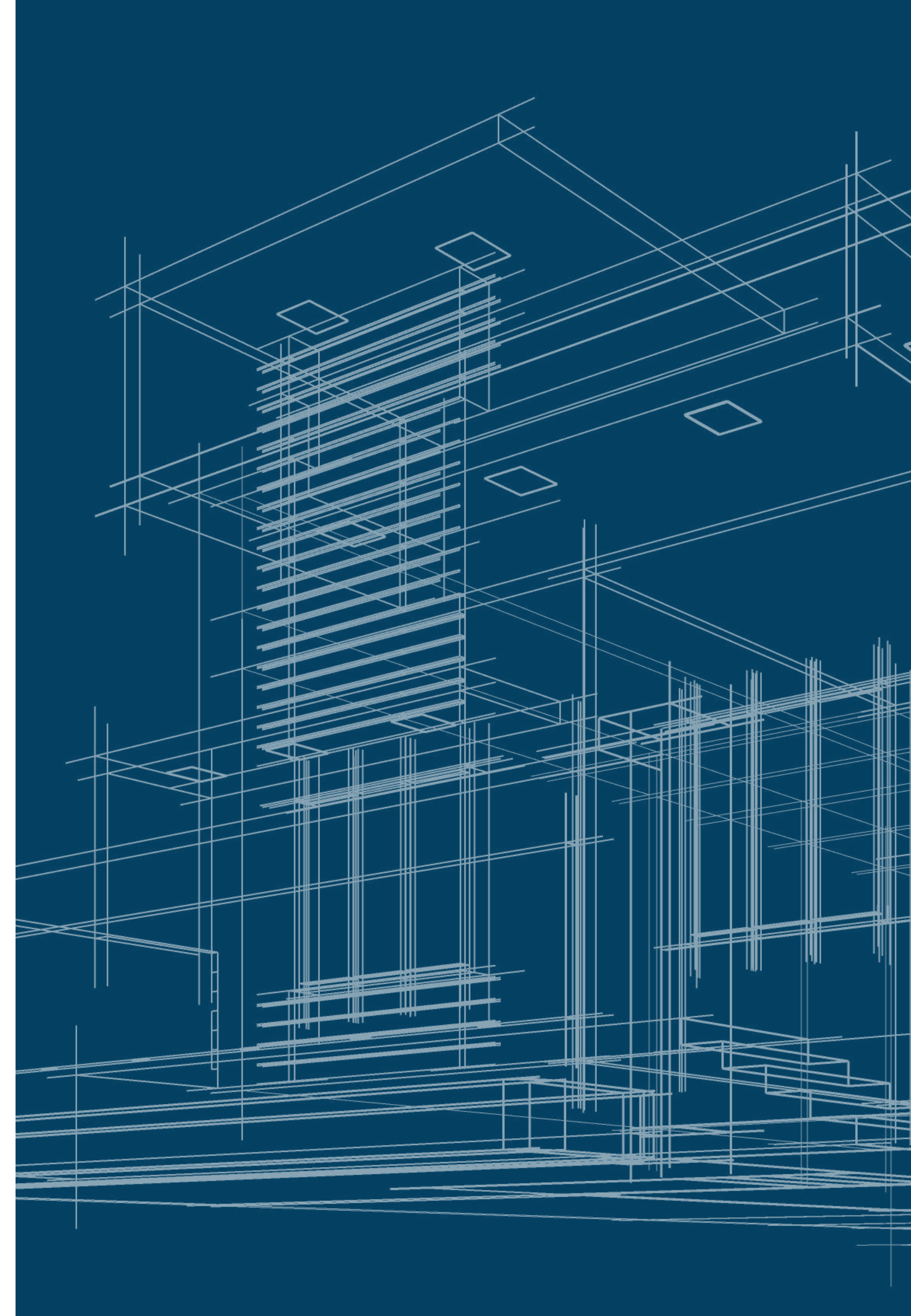
Precast Mould Design



Access



Digital Engineering



CaSE Contractors

This team includes of skilled Managers, Engineers and Supervisory staff. They have a proven track record of seamless integration with the client's team to successfully deliver projects and create partnerships throughout the construction process. "This team knows how to get the job done".



Design Management



Alliance Advice



Project Management



Construction Management



Construction Advice



Risk Management



Health & Safety Management



Alliance Management



Procurement of Equipment



Project Management



CaSE Traffic & Transport

The traffic & Transport management team delivers bespoke traffic management solutions for the public and private sector. From constructability advice, engineering and planning to professional representation, client engagement and functional project support.



Traffic Management Systems Setup



Road Occupancy Permits



Project Planning Documents



Constructability Advice



Traffic Managements Plans



Construction Traffic Staging



Network Operations Setup



Signage Development



Liaison with Stakeholders



Swept Path Analysis



Forecasting & Cost Control



Road Safety Barrier Design



CaSE Commercial

The Commercial team offers specialist advice that is comprehensive, tailored, efficient and founded on decades of pragmatic experience. The team works collaboratively with the client and brings clarity and guidance to every phase of the project's lifecycle, from single task assignments to driving accountability from start to finish.



Negotiation of Contract Claims



Financial Management



Contract Management



Financial Reporting



Variation Management



Claims Preparation



Risk Management



Claims Management



Dispute Avoidance & Resolution



Claims Defence & Resolution



Sectors

Through our wealth of pragmatic experience we can provide advanced Engineering solutions in a multitude of sectors.



Airport



Tunnel



Marine



Bridge



Rail



Mining & Renewables



Road



Building

Airport

Airports and the associated infrastructure are complex and have demanding operating environments. We understand that airport projects require experienced personnel that understand both the operations and restrictions to assist with planning and execution for expansion and upgrades.

- Project Delivery & Design Management
- Constructability Advice & Assessments
- Subject Matter Expert (SME)
- Independent Verifier/Certifier
- Airfield Inspection & Compliance

For more information contact:



Michael Eager | info@case.international



Marine

CaSE offers practical hands-on marine experience to offer innovative and durable designs. We understand the challenges of maintaining marine assets in adverse environmental conditions and the impact that those conditions can have on a structure's durability and lifespan.

- Marine Infrastructure
- Certification & Independent Verification
- Coastal Works
- Permanent & Temporary Works Design
- Project & Design Management

For more information contact:



Rod Jeffrey | info@case.international



Rail

Progressively, society has witnessed a rise in demand for transportation in cities, suburbs, and regional centres. It is inevitable and vital to have integrated and efficient mass-transit options for commuters, freight, and communities.

- Program & Project Governance
- PMO Establishment
- Permanent & Temporary Works Design
- Stakeholder Management
- Design Management & Project Delivery

For more information contact:



Michael Eager | info@case.international



Road

CaSE understands the need for long-term solutions to improve safety and connectivity and reduce traffic congestion for better local access to major urban and rural centres. Road infrastructure is essential to the performance and capacity of our economic growth and quality of life.

- Geotechnics and Ground Engineering
- Project Delivery
- Project Management
- Engineering Design
- Traffic Management

For more information contact:



Paul Szubert | info@case.international



Tunnel

As our infrastructure continuously grows, so do the technical demands on tunnels to support our modern world. Tunnelling often presents significant engineering challenges requiring practical knowledge, technical skills, and commitment borne out of experience.

- Temporary Works & Structural Analysis
- Precast Concrete Design
- Geotechnical Design
- Project Management - Delivery Phase
- Project Planning & Major Contract Procurement

For more information contact:



Patrick Deed | info@case.international



Bridge

Bridges reflect a nation's infrastructure, opening communities to opportunities and linking cities and regional areas. CaSE is a leader in the design and construction of bridges, providing robust bridge engineering capability through decades of experience from a diverse range of structures across the world, providing end-to-end bridge construction services.

- Permanent Works Design
- Temporary Works Design
- Proof Engineering / Independent Verification
- Stage by Stage Analysis
- Constructability Reviews

For more information contact:



Jonathan Davies | info@case.international



Mining & Renewables

CaSE understands that sustainability sits at the core responsibility of how we operate in our industry. This is why renewable energy is an affordable choice for miners as it is generated from sources that replenish over time. But this also comes with a set of challenges with depleting resources and the state of the world economy.

- Infrastructure Advisory
- Mine Engineering
- Energy Management
- Permanent & Temporary Works Design
- Project & Construction Management

For more information contact:



Jason Moore | info@case.international



Building

In our modern society, the role of buildings has become even more important. Facing an increasing demand to reduce the carbon footprint of the industry, it is the core responsibility of our industry to develop an expertise in building engineering whilst still ensuring productivity, safety, and sustainability.

- Project Delivery & Design Management
- Constructability Advice & Assessments
- Repair Methods and Constructability
- Building Information Modelling (BIM)
- Building Certification

For more information contact:



Jason Moore | info@case.international



Recent Project Experience

- Queensferry Crossing
- Westgate Tunnel
- Bolivia Hill
- Grafton Bridge
- Cross River Rail
- Parramatta Light Rail
- Kessock Bridge
- Batemans Bay Bridge
- Snowy 2.0



Queensferry Crossing



Temporary Works

- Coordination of interface between temporary and permanent works
- Construction Methodology
- Design of:
 - Lifting Frames
 - Lifting Methodologies
 - System for deck closure (adjustment of cantilever ends)

Construction Engineering

- Construction stage analysis
- Post - tension rationalisation Rationalisation for casting process On site Segment Erection Engineers

Westgate Tunnel

Temporary Works

- Design of falsework and formwork for precast segmental portals
- Design of temporary works to support around 200 steel girders in temporary conditions and endure stability
- Lifting assessment and fit-up analysis

Heavy Transportaiton

- Engineering for Sarens portal beam relocation

PW Design & Methodology Review

- Permanent works constructability review
- Review of construction methodology
- Stage by stage analysis of bridge spans
- Liaison with permanent works designer

Bolivia Hill

Balanced Cantilever Bridge



Temporary works

- Pier segment falsework/ formwork check and certification
- Form-traveler modifications design inspection
- Pier segment reinforcement 3D modelling, 2D detailing
- Rebar/ embodiment clash study
- Permanent and Temporary Works Interface checking
- Temporary to Permanent Works connection design
- Bridge Specialist technical support

Grafton Bridge

Precast Segmental Balanced Cantilever Bridge

Temporary Works

- Segment lifting designs
- Segment transportation
- Diaphragm formwork design
- Design of access systems
- Design of formwork for in-situ pour
- independent check of temporary works

PW Design & Methodology Review

- Liaison with permanent works designer
- Advice on Geometry Control
- End-span falsework design

Provision of project engineers for segment erection

Cross River Rail

10.2 kilometre rail line including 5.9 kilometres of twin tunnels under the Brisbane River and CBD.



Precast Segmental station construction

- Tender Support
- Matchcast segments for mezzanine, lifting and transportation
- Provision of deliverables to support efficient production of shop drawings for clash-free precast segments
- Design check for erection equipment and heavy falsework towers
- Station FRP - design of heavy falsework and site inspection

Temporary Works

Provision of Personnel

- Precast yard Engineers
- Site inspection

Parramatta Light Rail

Stage 1 of Parramatta Light Rail comprises
two-way track spanning 12 kilometres

Temporary Works

- Lifting and transportation of 60m span arch bridge and peer review of complete operation

Provision of Personnel

- Provision of Engineering Resources
- Design Management
- Construction Engineering
- Project Management

Kessock Bridge

Cable Stayed Bridge

Structural Assessment

- Assessment of existing maintenance gantry rails to determine strength and remaining fatigue life
- Inspection, measurement and testing
- As-built data incorporation

Temporary Works and Construction Methods

- Removal of existing gantries
- Installation of new gantries adjacent to the north abutment
- Jacking and lifting equipment for installation

Batemans Bay Bridge

Precast Segmental Balanced Cantilever Bridge



Temporary Works

- Design of out of balance propping system to facilitate balanced cantilever construction.
- Design of pier head support frame to support placement and alignment of the segments.
- Design of integral access platforms.
- Design of existing bridge deconstruction methodology
- Structural confirmation for existing bridge deconstruction

Snowy 2.0

Pumped hydro project including 27km of tunnels

- Technical Design
- Commercial Services
- Project Management Support during construction
- Manage interface to deliver critical areas of the project
- Delivery of all camps on project including:
 - Tantangara TBM Launch
 - Intake site
 - Truck services through national park

- Design Management & Delivery earth dam
- Planning high- level method for completion of marine rock plug works

Temporary Works Design

- Temporary reinforced concrete
- Steel structures and foundations

Sydney Metro City & Southwest

30-kilometre metro line between Chatswood and Bankstown

Contractors team

- Operation of precast facility
- Delivery of 98,742 precast segments
- On- site transportation
- Excavation of five tunnel boring machines (TBM)
- Strong Quality control & issue management

Westconnex Stage 1B New M4

Construction of 5.5-kilometre twin road tunnel between
Homebush and Haberfield Chatswood and Bankstown

Contractors Senior Management team

- On-time delivery of cut and cover structures ahead of tunnel completion

Contractors team

- Construction Management Support
- Ensure project excellence across tunnel, surface works and building sites

Melbourne Metro

Construction of a new 9-kilometre metro line between
Sunbury and Cranbourne/Pakenham

Temporary Works Design

- Detailed design
- Post fabrication modifications of the tunnel boring machine
- Supporting cradle structure & spanning sewer line, critical in launching the TBM for excavation
- Structural and design assessments

Summary

Construction
Optimisation

Traffic Staging &
Management

Construction
Engineering

Structures

Tendering & SME
Review

Temporary
Works Design

Traffic Staging &
Management

Construction
Engineering

Structures

Commercial



Contractors
Team

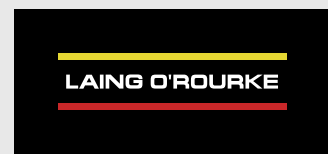
PW Design &
Methodology
Review

Project
Management

Proof
Engineering

Programming

Who we work with



Balfour Beatty



ARTC



Transurban



CLOUGH

**JOHN
HOLLAND**





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Our Engineers



Jonathan Davies

Managing Director

Jonathan is a highly experienced heavy civil construction and project manager with over 20 years experience in a wide range of construction sectors and roles. He has a strong background in structural and heavy civil engineering, as well as temporary structures designs.



Rob Koch

Principal Engineer / General
Manager CaSE & Pike Design

Thirty-nine years of experience in Australia and internationally including South East Asia and Europe in the design management of multi-disciplinary teams, structural design including major and prestigious projects in areas including sporting complexes and stadia, commercial, defence, aviation, rail, infrastructure, retail, residential, medical, sporting and industrial projects.



Barry Pike

Principal Engineer

Barry has more than 45+ years of experience in heavy civil construction, temporary works design and implementation. His vast experience encompasses not only the structural design and detailing of the temporary works, but includes assistance in determining the total construction procedure, with full consideration being given to the contractors resources, personnel, and experience.

Our Engineers



Florian Dieterle
Principal Engineer

Florian has 10 years' experience in a wide range of infrastructure projects and has an extensive design background in civil and structural engineering. Florian manages the design team and has a mix of permanent works and temporary works design experience. He has experience in pre-cast segmental bridge design and construction, and specialist knowledge of post-tensioning and cable-stay systems.



Richard Lamb
Principal Engineer

Richard is a civil and structural engineer with over 30 years' experience, specialising in the design of suspended and moving bridges and large buildings. He has designed and managed the design for civil, structural and mechanical aspects of long-span and suspended bridges, large steel structures for stadia and airport hangars, working within multidisciplinary teams for consultants and contractors alike, including permanent and temporary works and the operation machinery.



Rod Jeffrey (Melbourne)
Southern Region Manager

Rod brings 30 years of project management expertise including design and delivery, stakeholder, contract, rail construction and renewal in both greenfield and brownfield environments. Additional experiences consist of various road over rail works in Victoria and Pakistan and rail siding in Victoria.

Our Engineers



Calum Henderson
Project Manager /
Senior Structural Engineer

Calum's extensive experience has ranged over numerous construction projects and roles. His background in temporary works design has enhanced his diligent approach and resulted in the successful management and delivery of complex logistical and technically challenging engineering solutions in notable projects such as Tintagel Castle Bridge, Queensferry Crossing and Tamar Suspension Bridge.



Jason Moore
Approvals Manager

Jason has over 25 years experience in the construction industry in business, project and program leadership roles in Australia, the United Kingdom and Ireland, Hong Kong and Macau. He has significant experience in the building and integrated infrastructure sectors through all phases of project development from feasibility through to delivery.



Michael Eager
General Manager - Airports

Michael has significant, management, commercial and site experience spanning 28 years working for both contractors and clients. During his career he has participated in varied Civil Engineering Projects in complex operational environments most of these involving a high degree commercial and stakeholder involvement. He has experience in multiple fields such as Roads and Infrastructure, Airports, Development, Commercial and Residential Projects, covering the full spectrum of the project lifecycle from ideation through to handover.

Our Engineers



Paul Szubert

Director CaSE

Traffic & Transport Solutions

Paul has over 15 years of experience in Traffic Management across mega-infrastructure projects. He is an expert in consultation between project delivery teams, TfNSW TMC and project stakeholders, as well as project management, scheduling and planning of traffic-related deliverables.



Dan Taylor

Director / Project Manager

Dan has over 15 years' experience in the industry working on large road and rail projects across Australia, Dan is a civil and tunnel infrastructure specialist. Dan was recently part of the senior team delivering WestConnex M4 East and the award winning Sydney Metro Northwest.



Joseph Griffin

Commercial Director

Joseph brings 26 years of professional experience as a senior Commercial and Contracts Manager in the building and engineering industry, working with projects in Europe, the USA, South America, the Middle East, and Australia. He has worked on a wide variety of complex multi-million-dollar engineering, infrastructure, resources and building projects, in senior project and corporate management roles for tier 1 contractors and public sector clients.



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