

TransIA

Transport Infrastructure Advisory



Capability Statement

Leader in major
transport infrastructure
delivery



Leading the transition
from traditional traffic
management approaches...



Traffic
Engineering



Construction
Delivery

TransIA



Stakeholder
Management

Transia delivers a more integrated and innovative approach to enhance the safety and efficiency of major transport infrastructure projects.

Welcome To Transia

Modernising construction traffic management



Todd Blasch
Director

Transia Pty Ltd was established in 2023 in response to a gap in the way construction traffic management for major projects is being planned and delivered.

Transia is leading the transition from the traditional approach to traffic management, to provide more integrated and innovative solutions, through unparalleled expertise in **traffic engineering, construction delivery** and **stakeholder management**.

This more holistic modernised approach to construction traffic management enables government agencies and contractors to plan and deliver major transport infrastructure projects more safely and efficiently.

Transia fills the gap in expertise between traffic engineering and construction.

Unparalleled experience

25

Years in the
Traffic & Transport
Industry

14

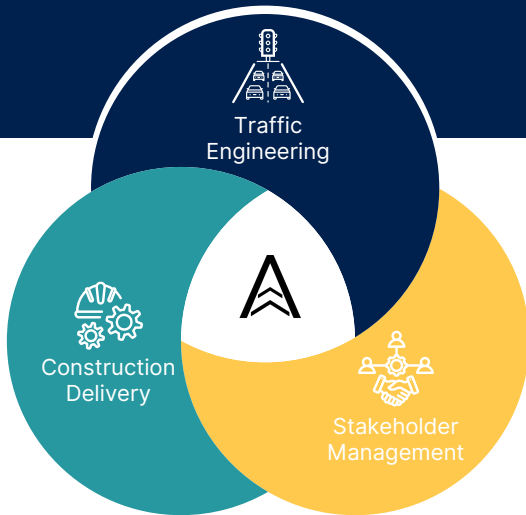
Years of
Construction &
Major Project
Delivery

11

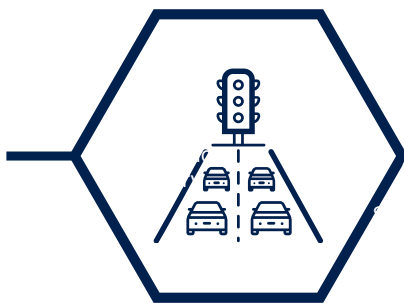
Years of
Traffic Engineering
Planning & Design

7

Years of
Industrial Relations
Experience



Through integrating skills and expertise in three key areas of **Traffic Engineering, Construction Delivery and Stakeholder Management**, Transia provides advisory services that help clients achieve the successful delivery of major infrastructure projects more **safely, effectively** and **efficiently**.



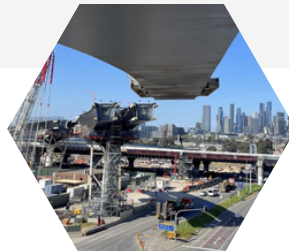
Traffic Engineering

- Traffic management strategy development & review
- Planning & traffic staging
- Operational & functional design reviews
- Traffic management plans
- Traffic assessments & analysis
- Road safety audits



Construction Delivery

- Construction methodology development
- Risk assessments
- Safety & compliance
- Traffic staging & switches
- Establish delivery team (structure, processes & templates)
- Training for construction teams



Stakeholder Management

- Stakeholder liaison & negotiation
- Leverage existing networks & relationships across the industry
- Manage industrial relations
- Presentations & workshops to support stakeholder engagement



Other Services

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> • Project start-up • Tender & procurement • Establish/review project resources, systems & processes • Training | <ul style="list-style-type: none"> • Technical product advice • Sub-contractor & supplier procurement • Co-ordinate third party works | <ul style="list-style-type: none"> • Forecast development • Commercial contract reviews • Develop or review contractual & project scope requirements |
|---|--|---|

Sectors

Transia serves both public and private sector clients in Australia. With expertise in major transport infrastructure projects, we provide comprehensive **advisory and training services** in construction traffic management across all stages (planning, design and delivery).

Helping you set your projects up for success...



For Government



For Contractors

PROJECT INCEPTION & PLANNING

- Advise on early construction & traffic staging development
- Advise on Contract & Project Scope Requirements
- Assess functional construction & traffic management considerations
- Provide technical traffic engineering & product advice
- Develop safe, efficient & cost effective construction & traffic management staging
- Advise on innovation opportunities

TENDER

- Provide expert advice during Tender phase
- Assess construction delivery & traffic staging proposals
- Advise on technical traffic engineering & traffic management considerations
- Assess proposal costs
- Identify opportunities for innovation and/or alternative approaches
- Prepare Traffic Management Strategies & Plans
- Develop construction & traffic management staging proposals
- Develop traffic team structure & resourcing requirements
- Provide expert technical traffic engineering advice
- Develop traffic management forecasts
- Present construction & traffic management proposals to the client

PROJECT DELIVERY

- Review Traffic Management Strategies & Traffic Management Plans
- Challenge construction methodologies & traffic staging proposals
- Provide technical & operational advice to Government
- Prepare briefing advice notes to assist internal communications
- Liaise with key stakeholders
- Respond & seek resolution to traffic issues & events
- Review & improve internal systems & processes
- Prepare Traffic Management Strategies & Plans
- Establish the traffic team, resourcing, procurement & processes
- Engage with construction team to inform traffic staging solutions
- Develop & manage key stakeholder liaison & engagement
- Develop & implement risk management processes to maintain safety & compliance
- Manage daily traffic issues & interfaces
- Perform operational & functional design reviews

TRAINING

- Bespoke training to all levels of Government to provide insights & practical knowledge on delivering major transport infrastructure projects
- Bespoke training to Contractors to provide insight into what is required from a traffic management perspective for successful delivery of major transport infrastructure projects

Project Experience

Managing the road network during construction

West Gate Tunnel Project

Client: Transurban & Victorian Infrastructure Delivery Authority

Project Value: \$10.2 billion



Safely maintained & minimised the disruption to, the movement of over 450,000 vehicles per day

The West Gate Tunnel is one of Victoria's largest road infrastructure projects, once complete it will provide an alternative route to the West Gate Bridge.

Key role & deliverables:

- Safely maintained and minimised the disruption to the movement of over 450,000 vehicles per day across 60km of major urban freeway, arterial and local road networks
- Working collaboratively with key stakeholders (incl. Department of Transport and Planning, 5 local councils, the Port of Melbourne Corporation and Marvel Stadium)
- Facilitated safe access to the road network for delivery by planning, designing, implementing and maintaining thousands of long and short-term traffic management events over the 7-year project duration, including a 5-day full closure of the West Gate Freeway
- Developed clear and concise presentations for the client, to assist with broader Executive and Ministerial briefings on major project delivery construction and traffic management requirements.

Level Crossing Removal Project (LXRP) - Package 1

Client: Level Crossing Removal Project (LXRP)

Project Value: \$524 million



Implemented the largest road closure at the time in the Level Crossing Removal Project program

Package 1 (Burke, North, McKinnon, Centre Roads) involved lowering the rail lines in 4 highly built up urban areas whilst maintaining transport, business and community access during construction.

Key role & deliverables:

- Implemented the largest road closure at the time in the LXRP program by diverting over 50,000 vehicles per day for 9 days during major bridge construction with minimal impact to the surrounding road network
- Actively managed the wider area road network during a 37 day rail shutdown to enable the railway to be lowered below the road at 3 level crossings simultaneously
- Enabled the bulk haulage movement of over 150 truck and trailers at a rate of 1 every 30 seconds for 4 continuous days (24/7) to remove 500,000 tonnes of material without incident or congestion.



Melbourne Metro Tunnel Early Works (MMTEW)

Client: Rail Projects Victoria

Project Value: \$330 million (Early Works)

The Metro Tunnel creates a new end-to-end rail line connecting Sunbury and Cranbourne/Pakenham lines with bigger trains to significantly improve the capacity of Melbourne's rail network (scheduled for 2025 opening).

Key role & deliverables:

- Developed the traffic management processes and systems to ensure that the Project Scope Requirements (PSR) and Environmental Performance Requirements (EPR) for the Early works were achieved
- Managed the detailed planning, design and implementation of traffic management to facilitate the construction of major access shafts in the centre of the CBD adjacent to Swanston St (the world's busiest tram route)
- Led complex negotiations with third party building sites, Yarra Trams, Melbourne City Council, RMIT and other key stakeholders to develop solutions that considered the requirements of all transport users.



Led complex negotiations with key stakeholders including Yarra Trams, Melbourne City Council and RMIT to develop solutions that considered the requirements of all transport users

Regional Rail Link (RRL) - Footscray to Deer Park

Client: Regional Rail Link Authority (RRLA)

Project Value: \$835 million

RRL Package C involved early works design for the Albion Junction alterations, major upgrades to stations and construction of new rail tracks and 2 grade separations.

Key role & deliverables:

- Managed the interface between the public, road network and construction activities from Footscray to Deer Park
- Established and led the traffic team to ensure traffic management planning, design and implementation was safe, practical, within budget and minimised delays while ensuring construction could be undertaken
- Developed and maintained strong positive stakeholder relationships to achieve timely approvals to ensure delivery program milestones were met.



Managed the interface between the public, road network and construction activities from Footscray to Deer Park, including Sunshine, Tottenham and Albion

Airport Drive Extension Project

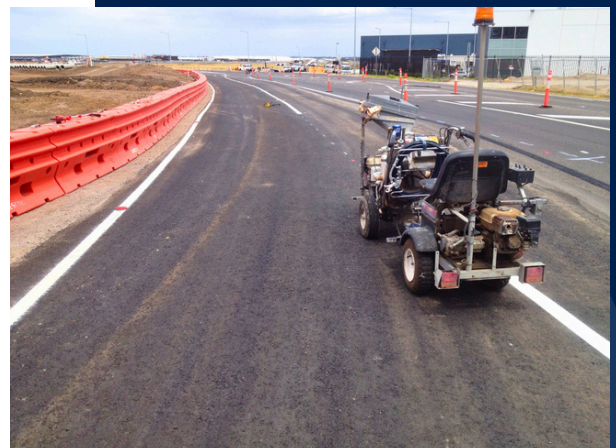
Client: Australia Pacific Airports (Melbourne)

Project Value: \$130 million

Extending Airport Drive from Sharps Road to the intersection of Melrose Drive and Mercer Drive at Melbourne Airport. The 3.75 km extension included a 4 lane divided road, realignment of Link Road and the design and construction of adjacent roads.

Key role & deliverables:

- Led the planning, design and implementation and maintenance of all traffic management for the road network, coordination of construction disciplines to minimise traffic impacts as a result of project works
- Development of traffic staging plans to accommodate complex construction activities at public road interfaces
- Managed the construction of all road works at the existing road tie-in points
- Liaising with key Melbourne Airport stakeholders, road authorities and public transport authorities.



Complex traffic staging eliminated the need for road closures to keep the road network and Melbourne Airport operating at all times

The Transia Difference

By working with **Transia**, you benefit from a more integrated and holistic approach to managing the road network during construction. It's not just technical skills and industry knowledge but the ability to liaise and negotiate with key stakeholders (the *people side*) during the full lifecycle of the project that makes the **difference**.



The traditional traffic management approach is generally not about proactively managing the road network or challenging the construction methodology. This business-as-usual approach often creates unnecessary disruption, costs and delays in delivery.

The **Transia** approach applies practical construction knowledge, traffic engineering expertise and excellent communication skills to develop traffic management solutions that consider the operation of the road network during construction deliver that results in the best for project outcomes in **safety, minimised disruption, cost (efficiency) and constructability**.

Advice, guidance and solutions where it matters most...

Safety ▪ Minimised Disruption ▪ Constructability

Core Competencies

- Subject Matter Expertise
- Project Management (Major Projects)
- Problem Solving & Innovative Solutions
- Strategic Planning
- Risk Assessments & Management
- Road Network Management
- Regulatory Compliance
- Leadership & Personnel Management
- Stakeholder Management
- Conflict Resolution & Negotiation

The *go-to* for anything *traffic* in construction...



Mission:

To lead the transition from traditional traffic management approaches to more integrated and innovative solutions, enhancing the safety and efficiency of the delivery of major transport infrastructure projects across Australia.



The modernised approach to construction traffic management enables our clients to better plan and deliver major transport infrastructure projects more safely and efficiently.

TransIA

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