TRANSPORTATION

FINDING PRACTICAL TRANSPORT PLANNING, TRAFFIC ENGINEERING AND TRANSPORT ECONOMICS SOLUTIONS AND MAKING THEM HAPPEN
PSA Consulting (Australia) commenced in 2004 and over the past decade has developed an enviable reputation for quality traffic engineering and transport planning services. From its Brisbane headquarters, PSA undertakes projects across Australia. The company prides itself in accomplishment, both through careful management of every project undertaken and through the development of innovative, contemporary yet practical solutions that are affordable, ready to be implemented and underpinned by solid research and analysis.

Our ability to make things happen and to deliver professional traffic engineering, transport planning and transport economics services to governments and industry sets PSA apart from its competitors. Whether its policy, planning, design and operation across multiple disciplines and modes of transport, you can be sure that PSA has the experience and talented staff to deliver an innovative solution that not only meets all legislative requirements but is affordable and implementable.

“SPECIALISTS IN PRACTICAL & INNOVATIVE TRANSPORTATION SOLUTIONS”
STRATEGIC ROAD NETWORKS

PSA has a wealth of experience in delivering road network solutions, ensuring that networks are functional and service the needs of communities and businesses. We have successfully delivered a large number of road corridor and link planning studies, focusing on working with clients to maximise the safety and efficiency of road networks. With our own Modellers, Designers and Drafters, PSA provides a complete road planning service.

MULTI-MODAL TRANSPORT PLANNING

PSA are specialists in undertaking multi-modal network and local area transport planning, comprehensively analysing issues and identifying opportunities to improve road and rail based transport networks and systems. Our expertise in Integrated landuse and transport provides clients with confidence that all road, freight, bus, rail, cycle and pedestrian issues have been thoroughly researched and analysed and a best practice workable solution identified.

- Robina Town Centre Transport Study
- Southport Central Transportation Strategy
- Woolloongabba Transport Study
- Port Macquarie Transport Infrastructure Analysis

PUBLIC TRANSPORT

PSA is well-respected for successfully undertaking major public transport studies, having considerable experience in planning for transit network and facilities on a local and sub-regional scale. We have worked directly with public transport authorities in the operational planning for new networks and the delivery of service improvements as well as the planning of longer term infrastructure upgrades and the analysis of transit network performance.

- Translink SEQ Bus Network Review
- Townsville CBD Bus Station Planning Study
- Airport Village Bus/Rail Interchange Planning Study
- SEQ TransitWay Network Plan 2031

INTEGRATED TRANSPORT PLANNING

PSA Consulting (Australia) is a specialist integrated transport planning consultancy. We believe that the integration of land use and transport networks is fundamental to ensure that communities are environmentally, socially and economically sustainable.
ACTIVE TRANSPORT

PSA believes that safe & connected active transport networks are essential to provide a realistic alternative to motorised transport, as well as to achieve positive “place-making” outcomes. We are well aware of the needs of different active transport user groups and have worked with many clients to deliver effective policy, planning and design solutions for pedestrians and cyclists.

- Brisbane City Centre Active Transport Study
- Greater Flagstone Centre Planning
- Park Ridge Centre Planning
- Narangba East Local Development Area

TRANSPORT ECONOMICS

PSA provides independent transport economics advice and assist clients in quantifying tangible benefits of infrastructure and service improvements. With a thorough understanding of the Project Assurance Framework, Cost Benefit Analysis and Investment Impact Analysis, PSA is able to prepare business cases and undertake economic studies for all transport related matters.

- Wembley Road Interchange Stage 1 - Business Case
- Warrego Highway Stage 2 - Business Case
- North Queensland Supply Chain Analysis
- South East Busway Extension

CAR PARKING

PSA has a strong track record of working with clients to undertake comprehensive vehicular parking studies, ranging from regional policy development, to local centre-based strategies. We thoroughly investigate and understand the demand, supply and management of parking, to determine the most suitable approach to address actual and perceived parking constraints.

- Gold Coast City - Whole of City Parking Plan 2014
- Evaluation of Gold Coast Free Weekend Parking
- Cairns CBD Parking Enforcement Study
- Caboolture CBD Parking Study
PSA Consulting (Australia) traffic engineers are specialists in identifying cost-effective solutions that comply with legislative standards and requirements.

**TRAFFIC IMPACT ASSESSMENTS**

PSA specialises in preparing traffic and transport impact assessments for a wide range of developments, including primary industry, residential and extractive industry developments throughout Queensland and southern states. This includes the collection and analysis of traffic data, intersection capacity analysis using SIDRA, vehicle manoeuvring checks using AutoTurn, parking assessments and pavement impact assessments. With many of our staff having worked for state and/or local government, PSA has a thorough knowledge of the planning and approval processes associated with Development Applications.

- Woodlinks Village, Collingwood Park
- Raglan Quarry, Central Queensland
- Strathfield Poultry Broiler Farms, Tamworth
- The Ridge, Ripley Valley Ipswich

**TRAFFIC ENGINEERING**

The PSA Transportation team includes Chartered Professional Engineers who have significant experience in detailed traffic analyses to assess the performance of the road transport system, or to evaluate the potential impacts from land use & development proposals. We utilise a variety of means to undertake this, including traffic modelling and audits. This includes the assessment of existing corridor performance and optimisation using LinSig and Transyt software.

- Mt Isa - Townsville Road Infrastructure Audit
- Traffic Solutions for high traffic generating developments
- Road Impact Assessments for various developments
- Road Route Strategies for Cunningham and New England Highways

**ROAD SAFETY AUDITS & SPEED LIMIT REVIEWS**

PSA is well respected for its professionalism in undertaking road safety audits and speed limit reviews for various clients including the Department of Transport and Main Roads and Queensland Motorways. We have a number of qualified road safety auditors with the capacity to undertake audits of varying size and complexity and across all stages of the project cycle from feasibility audits through to design stage audits and thereafter post-implementation stage audits. Our staff also have a good knowledge of the software typically used for these types of projects including Q-Limits (Speed Limit Reviews) and RISC (Road Safety Audits). We have also completed a number of strategic traffic audits at schools to investigate peak period traffic congestion and associated safety issues both within the site and on surrounding roads and have subsequently developed traffic management plans to mitigate the safety issues identified.

- Brisbane Urban Corridor Operational Analysis
- Birkdale Road Road Safety Audit & Speed Limit Review
- Gateway Motorway Speed Limit Review
- Pacific Motorway Upgrade Design Safety Audit
CREATING INNOVATIVE & CONTEMPORARY TRANSPORT SOLUTIONS TO BETTER CONNECT COMMUNITIES