RedSquare Traffic

Capability Statement 2025

Our Promise

RedSquare Traffic takes a unique approach to traffic engineering, transport planning, and road safety, combining our passion and commitment to deliver the best possible outcomes. Our clients consistently value and praise the exceptional quality of our services, which have continually exceeded expectations. We take pride in our professionalism, prompt communication, and in being fully present and supportive for every client.

RedSquare Traffic is a boutique consultancy with a close-knit team that treats every project with care. We understand that the success of our business depends entirely on the quality of our services and your satisfaction as a client. Our commitment to simplicity, reliability, and delivering a complete job every time is the key to our success.

RedSquare Traffic's traffic engineers are frequently praised for their prompt communication, enthusiasm throughout the project lifecycle, and depth of knowledge.

RedSquare Traffic has rapidly expanded in recent years, taking on an increasing number of projects across diverse markets. Our client base has grown and diversified due to consistently proven results. Correspondingly, our staff numbers have increased, reflecting the volume of work we have secured through the trust and loyalty of our clients.

RedSquare Traffic will be your reliable traffic engineer, taking care of all "traffic" matters so you have nothing to worry about. Just like the colour red, we stand out from the rest - by being simple, by being distinctive, and by being committed to delivering results.

The way we see it…

"Transport, traffic, or roads—whatever you call it, it's all about getting from Point A to Point B with the fewest problems. When you simplify it like that, the solutions often become obvious.

Whether we are managing construction traffic or coordinating designs, our role is simply to get you from Point A to Point B safely and efficiently. At the same time, we aim to let everyone else get where they need to go without disruption.

Every traffic-related problem is unique because every person is unique. No matter how fool-proof a road system seems, transport involves human behaviour, and you can't simply copy and paste a solution from one scenario to another.

A business that started as an experiment has come a long way. As the saying goes, "there are no traffic jams along the extra mile."

- RedSquare Team

Our Services – Planning & Design

- Feasibility Studies
- Concept Designs
- Traffic Impact Assessments
- Car Parking Demand Assessments
- Traffic and Parking Assessments
- Parking Studies
- Traffic Studies
- Traffic Designs
- Car Park Designs
- Road Safety Audits*
- Traffic Studies
- Intersection Designs
- Road & Access Designs
- LATM Designs
- Safe System Assessments
- Swept Path Analysis
- Green Travel Plans
- Car Park Management Plans
- Signage & Linemarking Treatments
- Road Safety Assessments
- Traffic Modelling
- VCAT Expert Evidence
- Signage Safety Assessments
- Safe System Assessments
- Car Park Design Certifications
- Car Stacker Designs

*RedSquare Traffic is a DTP (VicRoads) Prequalified Company under RSAUDIT Category

Our Services – Construction Traffic Management

- Traffic Management Plans
- Construction Traffic Management Plans
- Construction Traffic Impact Assessments
- Traffic Control Plans & Guidance Schemes
- Generic Traffic Management Plan Packages
- Temporary Traffic Management Designs
- Vehicle Impact Barrier Assessments

Our Services – Traffic Data Collection & Waste

- Car Parking Occupancy Surveys
- Turning Movement Counts
- Traffic Counts
- Intersection Counts
- Waste Management Plans
- Green Travel Plans

Leadership Team

Dane, Principal Traffic Engineer, our Principal Traffic Engineer, is also an experienced road safety auditor with a strong passion for town planning and design development. Whether it's feasibility studies, concept designs, town planning applications, or VCAT hearings, Dane brings expert insights and a hands-on approach to every project, ensuring your traffic engineering needs are met with clarity and confidence.

Qualifications

- B.Eng (Hons – Civil) – Monash University
- B.Com (Finance) – Monash University
- DTP Accredited Senior Road Safety Auditor
- DTP Recommended Safe System Assessor
- Accredited Traffic Management Designer

Project Experience

State Projects

- Metro Tunnel Project (RPV)
- Various Level Crossing Removals (LXRA)
- Elizabeth Street Sewer Works (Greater Western Water)
- St Kilda Road Bicycle Lanes (MRPV)
- Mickleham Road Upgrade (MRPV)

Municipal Projects

- Somerton Road Upgrade (MRPV)
- Aitken Boulevard Upgrade (City of Hume)
- Pomonal Road Upgrade (Department of Transport)
- Quantin Binnah Car Park Upgrade (City of Wyndham)
- Goulburn Valley Freeway Upgrade (Department of Transport)

Real Estate Developments

- Dojo Residential Village, Mansfield (101 Unit Residential Village)
- 422 Learmonth Road, Mitchell Park (30 Unit Residential Village)
- 200B Victoria Street, Ballarat East (23-Unit Apartment Hotel)
- 13-15 Diggers Rest-Coimadai Road, Diggers (600+ Residential Units)
- Various Residential Subdivisions in Tarneit, Shepparton

Others

- Phillip Island Nature Parks Car Park Upgrade
- Royal Botanical Gardens Car Park Upgrade
- Various Medical Centres, Gymnasiums, Shopping Centres

Reach Out

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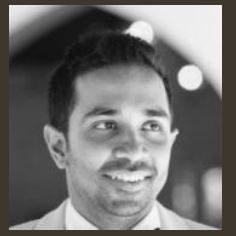

Leadership Team

Sachini, Senior Traffic Engineer and Senior Road Safety Auditor, leverages the experience she gained in her career across multiple sectors to bring a wealth of expertise in construction traffic management, disruption management, and road safety auditing.

Qualifications

- B.Eng (Hons – Civil) – Monash University
- B.BMed – Monash University
- DTP Accredited Senior Road Safety Auditor

State Projects

- Plenty Road Upgrade Project (MRPV)
- Gippsland Rail Upgrade Project (RPV)

Municipal Projects

- Somerton Road Upgrade (MRPV)
- Aitken Boulevard Upgrade (City of Hume)
- Pomonal Road Upgrade (Department of Transport)
- Quantin Binnah Car Park Upgrade (City of Wyndham)
- Horsham Rural City Council Bicycle Lanes (HRCC)

Real Estate Developments

- Mansfield Residential Village (101 Unit Residential Village)
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Reach Out

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Our Clients

What our customers say…

Projects | Government

Project: Weir Road and Reedy Lake Road Upgrade

Type: Road Reconstruction Project

Client: Strathbogie Shire Council

Tasks: Road Safety Auditing

RedSquare Traffic prepared detailed design road safety audits for a road reconstruction project based in Nagambie, Victoria.

Similar Projects

1. Car Park Designs for Quantin Binnah Community Centre Car Park Upgrade – City of Wyndham.
2. Traffic and Parking Assessment for Lilian Cannam Kindergarten – City of Port Phillip.
3. Road Safety Audits for Violet Town Cowslip Street – Shire of Strathbogie
4. Concept Designs of Bicycle Lanes for Horsham CBD – Horsham Rural City Council.

Projects | Commercial & Retail

Project: Cranbourne Mazda Showroom

Type: Motor Vehicle Dealership

Client: Commercial Drive Properties & Ardent Architects

Tasks: Feasibility Studies | Traffic Impact Assessment | Traffic Management Designs | Waste Management

Working with Ardent Architects, RedSquare Traffic provided comprehensive assistance in the entire town planning phase of this project starting from a feasibility assessment, a preliminary design review, preparing town planning documentation, developing traffic management designs.

Similar Projects

1. White Night Receptions – 42 Hampstead Road, Maidstone.
2. Action Indoor Sports Tullamarine – 10-12 Carrick Dr, Tullamarine.
3. Karcher Centre Hoppers Crossing - 427-429 Old Geelong Rd, Hoppers Crossing.
4. Jump Swim Schools – Various Locations in VIC & NSW.

Projects | Residential Developments

Project: 422 Learmonth Road, Mitchell Park

Type: Residential Village

Client: Catholic Care Victoria

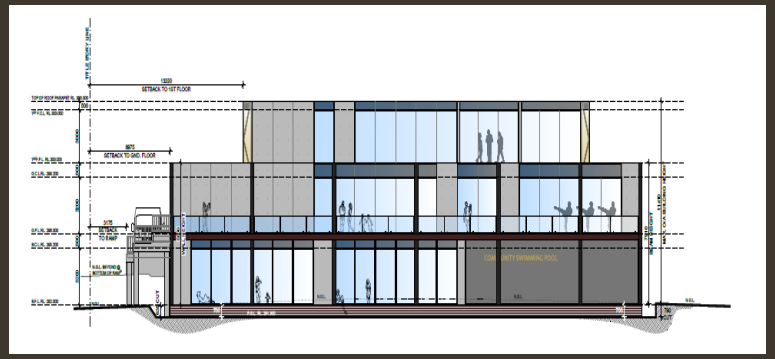
Tasks: Preliminary Design Assessment | Traffic Impact Assessment

30-unit residential village proposed to be developed in Mitchell Park, Victoria was offered with a traffic engineering design assessment in preliminary concept design stage. Following this, we prepared town planning documentation in the form of traffic impact assessments, car parking demand assessments and traffic management designs (internal).

Similar Projects

1. 13-15 Diggers Rest Road, Diggers Rest (600+ unit private residential village).
2. 626 York Street, Ballarat East (30 Units).
3. 641 Tarneit Road, Hoppers Crossings (25 Units).

Projects | Residential Developments



Project: Dojo Residential Village in Mansfield, Victoria

Type: Residential Village

Client: Wallace Building Systems

Tasks: Feasibility Studies | Traffic Impact Assessment | Traffic Management Designs | Intersection Designs | Waste Management

Working with Wallace Building Systems, RedSquare Traffic provided comprehensive assistance in the entire town planning phase of this project starting from a feasibility assessment, a preliminary design review, preparing town planning documentation, developing traffic management designs for an internal road network and an intersection upgrade to the external access point. Notwithstanding above, we aided in planning a complex waste collection strategy for 101 residential units and a community centre.

Similar Projects

1. 13-15 Diggers Rest Road, Diggers Rest - 600+ unit private residential village.

2. 5-7 Glenburn Street, Newcomb – 20 Units.

3. 641 Tarneit Road, Hoppers Crossings - 25 Units.

Projects | Hotels & Apartments

Project: 200B Victoria Street, Ballarat East

Type: Hotel

Client: Aurora Estate

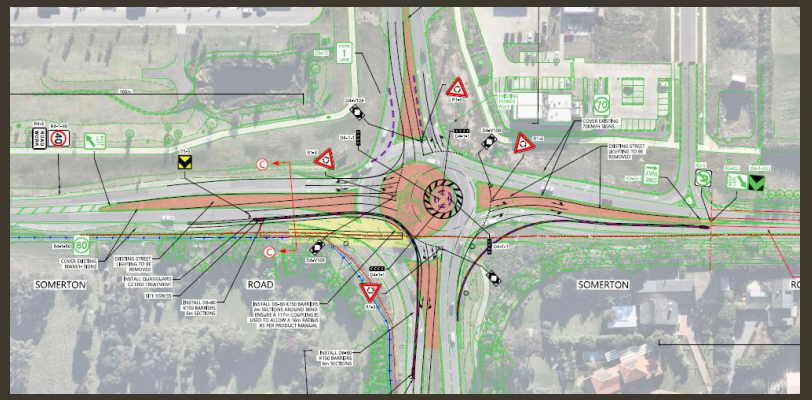
Tasks: Preliminary Design Assessment | Traffic Impact Assessment

RedSquare Traffic prepared town planning documentation and provided design support throughout the town planning phase of the project for a successful town planning application for this 23-unit self-contained apartment hotel.

Similar Projects

1. Motel & Tourist Convention Centre - 103-139 Greendale Road, Wallacia (NSW).
2. Bed & Breakfast and Function Centre - 161-179 Hood Road, Portarlington (VIC).
3. Royal Mail Hotel Upgrade – 98 Parker Street, Dunkeld (VIC).

Projects | Road Safety Audits



Project: Mickleham Road Upgrade Project

Type: Road Upgrade

Client: Major Roads Project Victoria (MRPV), Service Stream & Comdain Infrastructure

Tasks: Road Safety Audits

MRPV's Mickleham Road Upgrade Project comprises of an upgrade to Mickleham Road between Somerton Road and Dellamore Boulevard in Greenvale, Victoria.

Our team of Road Safety Auditors at RedSquare Traffic have been delivering a series of Road Safety Audits at various stages of the project. Working with Comdain Infrastructure and Service Stream, our auditors have regularly been involved in both on-site and desktop road safety audits for various traffic switches and stages. Temporary traffic designs were developed by Trafficworks while RedSquare Traffic were chosen as the preferred independent road safety auditing consultant for the project.

Similar Projects

1. Aitken Boulevard Upgrade (City of Hume).
2. Pomonal Road Upgrade (DoT).
3. Goulburn Valley Freeway Upgrade (DoT).
4. Weir Road and Reedy Lake Road Upgrade (Shire of Strathbogie).

Projects | Medical Centers & Allied-Health

Project: 50 Brewster Street, Essendon

Type: Medical Centre

Client: Urban Edge Consultants

Tasks: Preliminary Design Assessment | Traffic Impact Assessment

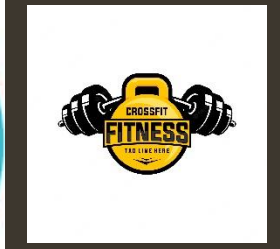
Working with Urban Edge Consultants, RedSquare Traffic prepared town planning submissions and preliminary design assessments for a successful town planning application.

Similar Projects

1. Muscle Joint and Bone – 294 Doncaster Road, Balwyn North.
2. Camberwell Renal - 812 Burke Road, Camberwell.
3. Ballarat Medical Centre – 204-206 Windermere Street, Ballarat East.
4. Early Start Australia - 5 Lynch Street, Hawthorn.
5. Spine Health & Stability – 924 Riversdale Road, Surrey Hills.

Projects | Gymnasiums & Recreation Centers

1. Verde Fitness – 3/2 Hartwood Court, Chelsea Heights.
2. Fernwood Fitness – 1/10-12 Carrick Drive, Tullamarine.
3. Nordic Padel - 2/10-12 Carrick Drive, Tullamarine.
4. Brother Boxing – 56 Taunton Drive, Cheltenham.
5. Elite Fitness Australia – 6/58 Mahoneys Road, Thomastown.
6. Anytime Fitness – 1/443 Nepean Highway, Frankston.
7. CrossFit Fitness – 2/158 Thompson Avenue, Cowes.
8. UP Climbing – 24 William Street, Balaclava.
9. OnSight Climbing – 1/12 Aristoc Road, Glen Waverly.



Projects | Car Park Design & Management

Project: Phillip Island Nature Parks Car Park Upgrades

Type: Car Park

Client: Phillip Island Nature Parks

Tasks: Traffic Management Designs | Car Park Management Plans

World renowned attraction Phillip Island struggles during every summer period to handle the thousands of tourists. In the past, they had implemented various expensive treatments to find solutions to manage car parking demands. Having reached out to RedSquare Traffic, the organization was presented with a series of cost-effective, unique and creative solutions to help manage their car parking demands. Reallocation of car parking, signage strategies, innovative access control features, coach drop-off & pick-up bays, ticketing systems are some unique treatments we have developed to help manage these car parks.

Similar Projects

1. Royal Botanical Gardens Car Park Upgrade.
2. Langwarrin Log Cabin Park Car Park Upgrade.
3. Barry Plant Headquarters Car Park Upgrade.

Projects | Construction Traffic Management

Project: 44 Duncan Street, Huskisson

Type: Apartments

Client: Realta Developments

Tasks: Traffic Management Designs | Construction Traffic Management Plans

30-unit apartment building, proposed to be constructed in a touristy neighbourhood of Huskisson, NSW required assistance from a traffic engineer to help manage the construction phase and to develop temporary traffic management designs. A new access design, a construction traffic management strategy, an intersection design, speed calming measures, car park designs are some of the services we offered to the clients.

Similar Projects

1. Office Building – 384 Bourke Street, Melbourne.
2. Office Building – 530 Lonsdale Street, Melbourne.
3. Road Upgrade – 1475 Thompsons Road, Cranbourne North.
4. Road Upgrade Project – 601 Dandenong Road, Armadale.

Projects | Car Park Design & Management

Project: Quantin Binnah Community Car Park Upgrade

Type: Car Park

Client: City of Wyndham

Tasks: Car Park Designs

Working with City of Wyndham and MMP Projects, RedSquare Traffic provided a five-option design package for an existing car park which required upgrades. Some of the design solutions went into the depths of seeking brand-new accesses off new street frontages as requested by City of Wyndham. Advice from the client was to explore "*all possible options*".

Projects | Subdivisions

Project: Various Subdivisions in Tarneit, Shepparton, Mount Dunned, Ballarat

Type: Residential and Commercial Subdivisions

Client: Gaage Developments

Tasks: Traffic Impact Assessments, Intersection Designs, Access Designs

As the consultant traffic engineer, RedSquare Traffic have been working with Gaage Developments in 20+ residential subdivisions in the suburbs of Tarneit, Mount Dunned, Halls Gap, Shepparton, Yarrawonga, Cobram and Kyabram. In these projects, we provided a range of services including town planning documentation, intersection designs, access designs and LATM designs.

Similar Projects:

1. 8 Torquay Road, La Trobe (TAS) – 22-Lot Residential Subdivision.
2. 76 Caramut Road – 20-Lot Commercial Subdivision.
3. 58 Ingliston Road, Ballan – 18-Lot Residential Subdivision.

Projects | Childcare & Kindergarten

Project: Lilian Cannam Kindergarten Redevelopment

Type: Childcare/Kindergarten

Client: City of Port Phillip

Tasks: Preliminary Design Assessment | Traffic & Waste Assessments

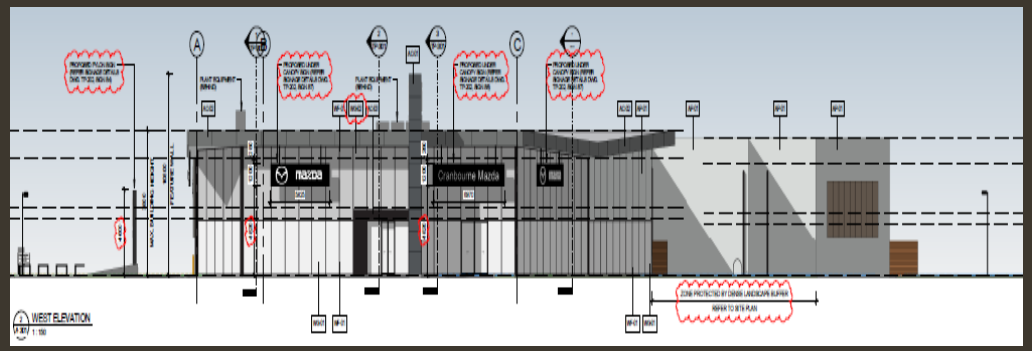
Working with Law Architects, RedSquare Traffic prepared town planning submissions following a strong-preliminary design assessment that solved a number critical design issues, especially in relation to the orientation of the car park and access designs.

Similar Projects

1. 2 Scotsdale Drive, Cranbourne East – Client/Architect: R Architecture.
2. 11-25 Church Street, Kindergarten – Client: Strathbogie Shire Council.
3. 33-35 Forbes Street, Parkes – Client: ASL Real Estate.
4. 39-41 Viviani Crescent, Heathmont – Client: Private Client

Projects | Warehouse & Industry

1. Mazda Showroom – 4 Milojevic Court, Cranbourne.
2. Somerville Car Wash – 49 Ermosa Road, Somerville.
3. Karcher Centre Car Wash & Office – 427-429 Old Geelong Road, Hoppers Crossing.
4. 12-Unit Warehouse Development – 36 Fullarton Drive, Epping.
5. 26-Unit Warehouse Development – 22 Purton Road, Pakenham.



Choose RedSquare

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