

corporate profile



Traffic Design Group





journeys

Each day we live our lives through a progression of journeys. Getting to and from work, walking the children to school, shopping, taking a holiday. Whether by car, bus, train, ferry, cycle or on foot, our journeys begin and are realised on an intricate network of road, rail or paths linking departure to arrival; linking the journey to our reasons for reaching the destination.



activity > infrastructure > transportation

Traffic Design Group is New Zealand's largest specialist traffic and transportation engineering consultancy. With offices around New Zealand, we offer a full range of professional services in transportation planning, and traffic engineering design and investigation.





transport

creating remarkable journeys

Transport. It's an integral element of modern life. While outwardly concerned with the inanimate – the vehicles, the infrastructure and technology – at Traffic Design Group we believe transport is about people; what they do, how they do it. Wherever people are, whatever they are doing, their lives are in some way affected by transportation. For us, transport is about journeys.

And – whether strategy or policy development, motorway improvement, commercial activity, alternative or mixed mode travel – always, our focus is on making each and every journey remarkable.

- > Urban infrastructure development today must carefully balance a raft of considerations including the need to provide high quality spaces that contribute to the attractiveness of the environment.





challenge

Rising population growth; concerns over security of energy supply; the firming evidence of environmental change; the need to fuel the economic drivers for prosperity. These are all critical considerations shaping land use and transportation decisions today. The ever-growing demand for finite resources and the needs of our future generations require new ideas and new approaches. Communities demand transportation solutions that deliver the mobility they need while protecting and preserving this country's environmental, social, economic and cultural capital. Traffic Design Group's response to this complex challenge involves both technological and behavioural solutions, along with a focus on sustainable results. It's all about care.

➤ From isolated coastal settlements to our largest urban centres, New Zealand communities today are increasingly demanding that developments reflect the unique nature of their environment.



◀ Traffic Design Group is a partner with the Wellington-based Sustainable Capital Company (SCC) and its carbon reducing 'Greenprint' programme.

Find out more at www.tdg.co.nz





service

Good transportation planning and traffic engineering design seamlessly support and sustain activity and development. At Traffic Design Group we work to achieve consistently high levels of service that deliver mutually beneficial outcomes and experiences for all involved.

Across all our disciplines – whether projects for central government agencies, local authorities, developers or private clients – our starting point is the meeting of people and spaces.

“In developing solutions, we focus not only on function and operation, but also look to enhance environmental and safety aspects. The task is equally about adding value and creating acceptance.”



integration > design > efficiency

Traffic engineering focuses on moving people and goods safely and efficiently, taking account of how these considerations support the return on investment both in the short and long term. Traffic Design Group's traffic engineering specialists offer extensive skills and experience in the detailed investigation, design and application of all aspects of the discipline:

- > Information collection, management and analysis
- > Demand forecasting and management
- > Trip distribution and assignment
- > Pedestrian, cycling and passenger transport
- > Safety design and audit
- > Access, parking and circulation
- > Transportation effects assessment
- > Transport in urban design
- > Construction traffic management
- > Special event planning
- > Intersection and road alignment
- > Signs and pavement marking
- > Traffic signals
- > Parking design and management
- > Crash reconstruction
- > Expert witness
- > Peer review
- > Professional mentoring and development

Find out more about our traffic engineering services at www.tdg.co.nz

- > Efficiency of movement is a prime consideration in the planning of industrial development. Increasingly though, social and environmental considerations are shaping commercial and industrial activities.



service

“The extensive array of national, regional and local policies that now abound require a careful melding of elements to achieve the desired objective of an integrated, safe, accessible and sustainable transport network; a network that fosters economic vitality.”

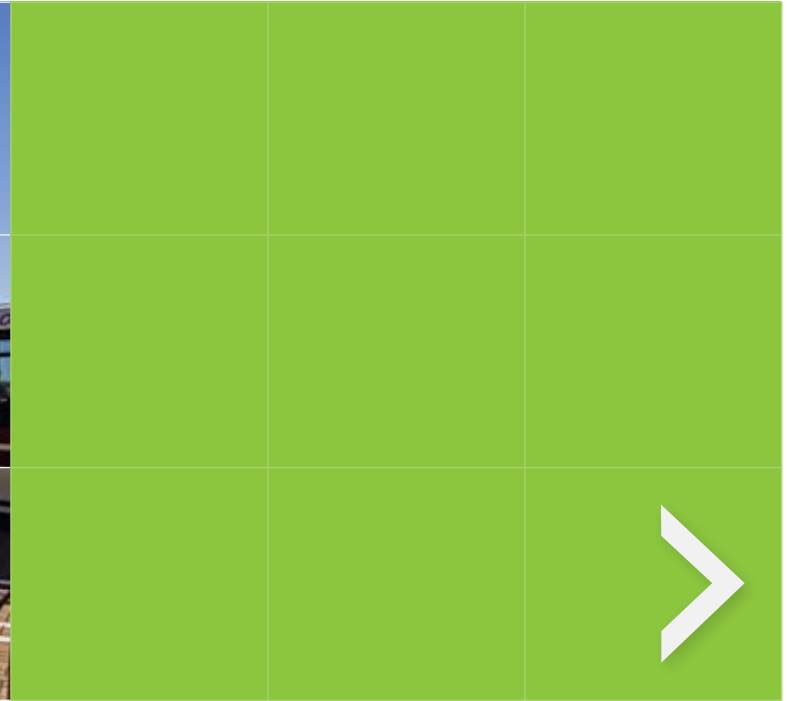
stewardship > sustainability > value

Transportation planning harnesses a range of disciplines in the endeavour to ensure transport development is delivered where it realises the greatest value. Traffic Design Group's specialist consultants bring extensive experience to all aspects of transportation planning:

- > Strategic land-use transportation planning
- > Transport strategy and policy development
- > Economic evaluations
- > Transportation research
- > Travel planning
- > Transport behaviours
- > Strategic network modelling
- > Macro and microscopic simulation modelling
- > Alternative transport options
- > Transport mode and priority analysis
- > People movement
- > Walking and cycling
- > Passenger transport
- > Activity effects assessment

Find out more about our transportation planning services at www.tdg.co.nz





innovation > technology > knowledge > experience

Our combination of leading edge technology, an extensive knowledge of travel behaviour, and highly experienced professionals ensures we deliver intelligent and innovative solutions – solutions that produce remarkable journeys today and tomorrow.

Find out more about the industry-best-practice, state-of-the-art technology available from Traffic Design Group at www.tdg.co.nz





Make your journeys remarkable

Wherever infrastructure and people meet, Traffic Design Group will ensure the encounter is positive.

Talk to us today to discover how to make your journeys remarkable.

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