

CURRICULLUM VITAE OF MICHAEL GRANT SMITH

Name:

MICHAEL GRANT SMITH

Position:

Director

Education:

BE (Civil) Canterbury (1972)

Chartered Engineer (UK)

Registered Engineer (NZ)

Professional Qualifications:

Member Institution of Civil Engineers, UK

Member of the Institution of Professional Engineers, NZ

Years of Professional Experience:

More than 30 years

Employment & Experience:

1975 To Date:

Gabites Porter(Director)

1973 to 1975:

Scott Wilson Kirkpatrick & Partners (UK)

1969 to 1973:

Christchurch Regional Planning Authority.

SPECIAL FIELDS OF COMPETENCE:

Transportation Planning, Urban and rural systems modeling, economic and financial appraisal, public and private transport demand forecasting, computer system design and applications, goods vehicles analysis, traffic engineering.

Director of Major Studies and Projects:

Canterbury Land Transport Policy Statement - Canterbury Regional Council

Analysis of policy options as input to the RLTS.

Christchurch City Plan References – Canterbury Regional Council

Analysis of different urban forms as a basis for evidence before the Environment Court.

West Dapto Public Transport Study – Wollongong City Council

Analysis of potential public transport systems for a large new housing development in Wollongong.

North Shore Bus Rapid Transit Project – North Shore City Council

Analysis and evaluation of the Auckland Busway Project.

North Shore Transport Models - North Shore City Council

Conversion of the vehicle models into a full multi-model model covering three time periods.

Napier Traffic Studies - Napier City Council

Analysis of Napier central area roading and parking requirements.

Albany Basin Infrastructure – North Shore City Council

Analysis and design of the infrastructure and land use pattern for a major new commercial centre in Auckland.

Auckland Northern Motorway – Transit New Zealand

A scoping study on the need for extension and additional capacity on the Auckland Northern Motorway.

Christchurch Northern Arterial – Transit New Zealand

This work has involved feasibility study, economic appraisal and judicial hearings on a major new arterial in Christchurch, including an update of the regional transport model developed in the late 1960s.

Westport Coal Jetty – Tranz Rail Ltd

Grant was the lead consultant for Tranz Rail in this major Environment Court hearing into a proposed 2km long coal jetty near Westport.

Urban Transport Subsidies – Hamilton City Council

A review and appraisal of the proposals for subsidies to urban passenger services.

Auckland City Transport Models - Auckland City Council

Development of transport models for use by Auckland City Council officers.

Takapuna Transportation Study – Takapuna City Council

A major transportation study of the North Shore of Auckland, specifically investigating land use growth, the roading network, and central area parking and circulation issues. A second harbour crossing was also investigated.

Johnsonville Cost Effectiveness Study – Wellington Regional Council

An investigation into the cost effectiveness of the Johnsonville Rail Line, with particular emphasis on the transfer of passengers between rail, bus and car.

Cost Effectiveness Procedure – Urban Transport Council

Development of a procedure for cost effectiveness analysis of urban passenger services.

Hamilton Transportation Study - Hamilton City Council

A full multi modal transportation study in Hamilton including land use options, roading and public transport issues, and central area parking and circulation.

Christchurch Transport Board - Christchurch Transport Board

A review of services for the Christchurch bus system, including demand estimation, system design, and route by route feasibility and economic analysis.

Technically involved in projects, but not as Director:

Homebush Bay Traffic Studies - This is a detailed modeling and traffic management study of the Homebush Bay area, including the effects of the 2000 Olympics and the long term use of the facilities.

Illawarra Transport Study - This is a major study of the Illawarra Region, and detailed studies of Wollongong, Nowra and Shellharbour within regional constraints. Jointly undertaken for the Roads and Traffic Authority, Wollongong City Council, Shellharbour Council and Shoalhaven City Council.

Coffs Harbour Transport Study - A strategic study of Coffs Harbour for the City Council and the Road and Traffic Authority in association with PPK Consultants.

Dunedin City Transportation Study - This is a full multi modal land use transportation study in Dunedin.

Wellington Area Transportation Study - Assistance with the development of the multimodal models used for this study.

Lambton Harbour Concept Plan - Traffic and parking analysis as part of the design team which prepared the concept plan for Wellington Harbour.

Rolling Stock Assessment - Assistance to NZ Rail on the replacement of rolling stock for the Wellington suburban rail system.

Sydney Central Area Studies - A traffic study of the central area of Sydney in association with Stapleton & Hallam for the Sydney City Council

Various Queensland Studies - A variety of model building exercises in Queensland, including Cairns, Mackay, Kawana, and South East Queensland in association with Eppel Olsen & Partners.

Port Klang Study - A toll road study for Port Klang in Malaysia in association with Perunding Traffik Klasik Ltd.

Intelligent Transport Information System in association with Perunding Trafik Klasik Sdn Bhd

Public Transport for Kota Kinabalu, Sandakan , Tawau and Sabah in association with Perunding Trafik Klasik Sdn Bhd

A Study on an Integrated Bus Routing System in the Klang Valley in association with Perunding Trafik Klasik Sdn Bhd