

**Roger Charles Malcolm DUNN**  
**Abbreviated Curriculum Vitae – December 2014**



**Personal:**

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**Qualifications:**

1961 - University of New Zealand BE (Civil),  
1966 - Victoria University BSc (Maths),  
1967 - University of New South Wales MEngSc (Transport),  
1978 - University of Auckland DipTP (Town Planning)

**Professional societies / service / other activities:**

Fellow and Life Member, Institution of Professional Engineers New Zealand (IPENZ) (from 1996 and 2010 respectively, a Member since 1965),  
Life Member of IPENZ Transportation Engineering Group (2010) (Member since 1972)),  
Fellow and Life Member, Institution of Transportation Engineers (ITE) (USA) (from 1980 and 2009? respectively, Member from 1969),  
Former Fellow, Institution of Highways and Transportation (IHT) (UK) (from 2002, Member from 1973)

**Professional Appointments:**

1961-69: Ministry of Works and Development, Palmerston North and Wellington  
1969-71: Freeman Fox Wilbur Smith & Associates, London UK and Paris, France

**Academic Appointments:**

**University of Auckland**

2010 – Professional Teaching Fellow (part-time), 2002 - Assoc. Professor; 2001 - Director of Transportation Engineering; 1972 - Senior Lecturer in Civil Engineering;

**Roger Dunn** now has a part-time position as Associate Professor / Professional Teaching Fellow in the Department of Civil and Environmental Engineering at The University of Auckland.

As the Director of Transportation Engineering, he is primarily responsible for the graduate teaching in the area of transportation engineering and planning - the present student enrolment comprises over 600 undergraduate about 100 post graduate course enrollees.

**Part-time Tertiary Appointments**

1964-69, Part time Lecturer, Central Institute of Technology Lower Hutt and Wellington Polytechnic  
2000-present, Part-time Lecturer, NZ Institute Highway Technology, New Plymouth and Hamilton

**Continuing Professional Development Courses**

1991-present, Fundamentals of Traffic Engineering, 5-day course (with University of Canterbury)  
Also given courses on Expert Evidence, Traffic Signal Design, and Highway Capacity.

**Teaching**

From 1972 - Developed undergraduate and postgraduate programme in Transportation Engineering  
Current leadership – four undergraduate courses and fourteen postgraduate courses

### **Teaching Awards**

Top Fifteen Teacher (Engineering) Award 2008  
Inaugural Faculty of Engineering 2007 Sustained Excellence in Teaching Award.  
Top Twenty Teacher (Engineering) 2000, 2001, 2002, 2004, 2005 and 2006  
Faculty of Engineering Merit Award 2003

### **Major Consulting Projects:**

1994-95 Technical Adviser, Highway Technical Relationships Study for HDM-4 for Asian Development Bank and The World Bank, Kuala Lumpur, Malaysia.  
1993 Consultant, Tauranga District Transportation Plan for Tauranga District Council  
1980-81 Supervising Traffic Engineer, Suva Traffic Study, for Suva City Council and UNDP  
1978 Traffic Engineer, Jogjakarta Rural Roads Study, for Govt. of Indonesia and World Bank.  
1976 Consultant, Pakuranga - Wiri Corridor Study for Auckland Regional Council.

### **Main Areas of Expertise:**

Transport Operations & Traffic Control  
Traffic Management & Land Use Planning  
Road Safety and Crash Investigations  
Pedestrian and Cycling - Planning & Design  
Intelligent Transportation Systems

### **Editorial Research:**

2005 – present Editorial Panel of Road & Transport Research Journal (ARRB Transport Research, Melbourne, Australia)

### **Publications and Research:**

Author or co-author of:

- over 100 published technical papers in Journals articles and at Conferences overseas and in NZ;
- over 10 major research reports; the latest being NZTA Research Report 510 (Dec 2012), 'Evaluation of the C-Roundabout, an improved multi-lane roundabout design for cyclists'.

Supervisor of about 70 Masters research and PhD theses.

### **Professional Awards:**

2008 Institution of Transportation Engineers Australia New Zealand - Outstanding Service Award  
2007 University of Auckland Faculty of Engineering Sustained Excellence in Teaching (joint).  
2005 Institution of Professional Engineers (IPENZ) Turner Award for Professional Commitment  
2000 Institution of Professional Engineers (IPENZ) Supreme Award for Engineering Excellence in Information Technology and Networks Engineering (joint - HTC Infrastructure Management)

### **Professional Appointments:**

2007-10 IPENZ Turner Award Committee  
2006 Committee, NZS 6906 Electronic Toll Collection  
2002-10 Universities representative (alt.yrs) NZ Transport Agency / Land Transport NZ Research Reference. Group  
2000-02 TRB Committee A310 International Liaison Task Force (HCM)  
1995-98 NZ delegate at ISO/TC204 Plenary Meetings International Standards Org.  
1995-2010 Standards Australia and Standards New Zealand - member of IT/23  
1995-2000 Standards New Zealand - inaugural member and convenor of SC/609

### **Elected Positions:**

2006-11 IPENZ Transportation Group National Committee, also 1997-99, 1992-94,  
2003-2012 Member/Secretary/ Vice President, Executive Board, Intelligent Transport Systems NZ Society  
2000-2008 Member, Executive Board, Institute of Transportation Engineers Aust-NZ  
1989-95 Member, Board of Trustees, Epsom Girls Grammar School  
1989-91 Chairman, IPENZ Transportation Group National Committee