

## CURRICULUM VITAE

**NAME** : Louis de Villiers Roodt  
**BORN** : 1953  
**NATIONALITY** : South African  
**LANGUAGES** : Afrikaans, English

**QUALIFICATIONS** : B Eng (Civil) 1978 Pretoria  
B Eng Hons (Civil) 1984 Pretoria  
M Eng (Transportation) 1993 Pretoria

**PROFESSIONAL REGISTRATION:** Professional Engineer 840425  
Engineering Council of South Africa

**PROFESSIONAL SOCIETIES** : Member of the South African Institution for  
Civil Engineering (MSAICE)

**COMMITTEE MEMBERSHIP** : Member of the Pretoria Branch Committee  
of SAICE 2003 to 2006

**SPECIALISATION** : Road geometric design and traffic safety

**EXPERIENCE** : 2009 – present: Senior lecturer: University of Stellenbosch  
Lecturing in road safety and traffic engineering  
Expert witness in road related crash cases

2007 to 2009: Senior Engineer: Ndodana Consulting  
Engineers Pty Ltd  
Road geometric design and contract supervision

1997 to 2006: Senior Engineer: University of Pretoria  
Lecturing in road safety and traffic engineering

April 2002-September 2002: Senior Road Safety Auditor:  
Mouchel (Pty) Ltd...  
Road safety audits at all stages. Comprising a wide variety  
of projects in Essex, UK. (Sabbatical study).

1996: Chief Planner: Greater Pretoria Metropolitan Council  
Transportation planning

1993 to 1995: Senior Engineer: City Council of Pretoria  
Transportation planning

1989 to 1992: Researcher: National Institute for  
Transportation and Road Research (NITRR) of the CSIR  
Traffic Engineering research

1988: Manager: Trafftrans Pty Ltd  
Traffic data collection services in the Stanway  
Edwards Associates group

1985 to 1987: Senior Engineer: City Council of Pretoria  
Traffic engineering

1982 to 1984: Engineer: National Parks Board  
Road Engineer: Kruger National Park  
Road design, construction and maintenance

1978 to 1981: Engineer: BKS Pty Ltd  
Road design and construction supervision

## PAPERS AND PUBLICATIONS :

*Published in international refereed proceedings:*

Roodt, L de V. and Van As, S C. 1992. **Identification of vehicle types with the TEL 2CM.** ATC Research Forum, Volume 2, ISSN 1019-1909, p58 – 74, Pretoria.

*Papers presented at refereed South African symposia:*

Roodt, L de V. and Van As, S C. 1992. **Identification of vehicle types with the TEL 2CM.** ATC, Pretoria.

Rontiris, K. and Roodt, L de V. 1993. **Public participation in the urban transport plan: is it worth it?** ATC, Pretoria.

Roodt, L de V. 1996. **Core competencies in Local Government.** IMESA, Pretoria.

Kruger, T J, Roodt, L de V. and Labuschagne, F J J. 1998. **Operational and Safety Evaluation of selected traffic calming measures.** SATC, Pretoria.  
Awarded prize as best technical paper.

Roodt, L de V. and Beneke, A. 1998. **Integrated development planning as implemented in the Greater Pretoria Metropolitan Area: the Institutional view and the Stakeholder view.** IMESA, Port Elizabeth.

Roodt, L de V. 1999. **Road Safety Research-Education and Publication.** SATC, Pretoria.

van Schalkwyk, I. and Roodt, L de V. 2000. **Macro-level evaluation of road safety interventions: an evaluation of the Arrive Alive (1997/1998) road safety campaign.** SATC, Pretoria.

Del Mistro. RF. and Roodt, L de V. 2001. **Alternative road based public transport between Johannesburg and Pretoria.** SATC, Pretoria

Purchase, P. van As, S C. and Roodt, L de V. 2002. **The geometric design of conventional single lane traffic circles.** SATC, Pretoria.

Labuschagne, F J J., Roodt, L de V. and van As, S C. 2002. **The status quo of road safety audit and assessment in South Africa.** SATC, Pretoria.

Mackey, T C. and Roodt, L de V. 2002. **Speed- is it relevant?** SATC, Pretoria.

Hitge, G. and Roodt, L de V. 2006. **Evaluating Parking Requirements In South Africa With Specific Reference To Its Application To Regional Shopping Centres**  
SATC, Pretoria.

Roodt, L de V. 2010. **Preserving Functionality of and Safety on Africa's Road Network.** 4 th SARF/IRF Regional Conference for Africa, Somerset West.

Roodt, L de V. 2010. **Road Transport Safety in the Maintenance Environment.** 4 th SARF/IRF Regional Conference for Africa, Somerset West

Roodt, L de V. 2012. **Managing trees in road reserves for road safety.** SATC, Pretoria.

Roodt, L de V. 2012. **Application of the Highway Safety Manual 2010 to two rural road sections in the Winelands District, Western Cape.** SATC, Pretoria.