



Ruurd van der Wal

Senior Surveyor, Construction and Pavements

Professional Overview

Ruurd van der Wal is a Registered Surveyor(S0087) with the South African Council for Professional Land Surveyor and Technical Surveyors as from 1986.

Ruurd is also a member of The South African Geomatics Institute(1157) from 2017.

Ruurd's survey experience include Engineering,Topographical,Cadastral and Construction survey.

Ruurd has worked for last 47 years with Professional Surveyors,Design and Consulting Engineers in RSA,Botswana,Malawi,Swaziland,Lesotho,Zimbabwe and Namibia.

Ruurd is also a member of The Astronomical Society of South Africa from 1985.

Relevant Project Experience

Project Name: BCN23: The Rehabilitation of National Route 1 Section 17, between Kroonstad and Westleigh/Free State, RSA | ZAR 160 million

Dates: 2015 to date

Client: South African National Roads Agency SOC Limited]

Full pavement investigation,analyses and design of 11km dual carriageway as well as the on-off ramps and crossroads of four interchanges

Role: Senior Surveyor

Survey complete project on WGS 27 system.Fix control stations for horizontal and vertical control while project is under construction.Provide RE with layout drawings of as-built road elevation and road markings

Project Name: The Upgrading of National Route1 Section 17 from Holfontein(Km24)to Kroonstad(Km44.5), Kroonstad/Free State, RSA | ZAR 624 million

Dates: 2015 to date

Client South African National Roads Agency SOC Limited]

Dual carriageway constuction with two bridge construction and four main Intersection

Role: Senior Surveyor

Major Control on WGS84 SYSTEM,Control station for constuction purpose,check setting out on main structures,build models on Road Maker&Model Maker for design and bulk earthworks quantities.

Project Name: BCN24: The Upgrading of National Route1 Section1 Section 17 from Ventersburg (Km2.1) to Holfontein Interchange (Km24), Free State Province, RSA | ZAR 652 million

Dates: 2015 to date

Client: South African National Roads Agency SOC Limited

Personal Info

- ID Nr.: 480218 X
- Country of Birth: South Africa
- Nationality: South African
- Date joined the Firm: 1 May 2015
- Cell number: 083 519 3783
- Email: ruurd70mc1948@gmail.com

Years of Industry Experience

- 47 Years

Countries of Experience

- South Africa
- Botswana
- Malawi
- Zambia

Qualifications and Memberships

- DIP(Survey) ITESSA 1975.(524),
- PLATO 986 (S0087) SAGI (1157) 2017

Key Skills and Competencies

- Survey
- Site Supervision
- Geometric Design
- Computer Model Maker
- Road Maker
- Professional Overview

Dual carriageway construction with four main structures and one Interchange.

Role: Senior Surveyor.

Major Control on WGS 84 system, control station for construction purpose, check all setting out horizontal & vertical on road prism and structures, check all layer thickness on road construction and drainage design. Build models of road prism for design purpose and earthwork quantities and borrow pit.

Project Name: NRA R104: The Rehabilitation and Upgrading of Alternative Route R104 Section 6 from Bromkhortspruit (Km0) to Mpumalange Border (Km21.1), Bronkhortspruit, RSA | ZAR 284 million

Dates: 2014 - 2015

Client: South African National Roads Agency SOC Limited]

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Full pavement investigation, the rehabilitation and upgrading of a Km21 road with two main structures and two intersections

Role: Senior Surveyor

Major control horizontal & vertical for construction purpose. Build models for design and earthwork quantities, control layer levels and thickness.

Project Name: NRA N008-120-2006/1: The Rehabilitation and Upgrading of National Route N8 Section 12 Tweespruit (Km19.2) to Ladybrand (Km56.2), Ladybrand, RSA | ZAR 325 million

Dates: 2010 - 2013

Client: South African National Roads Agency SOC Limited

Rehabilitation and upgrading of 46Km of road with one structure over Leeuspruit and three intersections

Role: Project Surveyor.

Design 8Km of route, control project horizontal & vertical, build models and control bulk earthworks.

Project Name: NRA N12/12: Rehabilitation and upgrading of National Route N12 Section 12 Beefmasters (Km15.2) to Bloemhof (Km54.1), Bloemhof, RSA | ZAR 386 million

Dates: 2007 - 2010

Client: South African National Roads Agency SOC Limited

Rehabilitation and upgrading of 38.9Km of road with two Rail-cross structures and two intersections

Role: Project Surveyor

Major Control, layer & thickness control, check all setting out, bulk earthwork quantities

Project Name: ESCOM-Medupi: Major Topographical survey for major Coal-Stockyard and Coal reclaimer, Medupi, Lephalali, RSA | ZAR 185 million

Dates: 2013 - 2014

Client: South African National Roads Agency SOC Limited

Role: [Your Role on the Project]

Major Topographical survey (0.25meter contour interval) Major control beacons.

Professional History

May 2015 - to December 2020

SMEC South Africa Bloemfontein

Senior Surveyor.

July2014-April2015	WorleyParsons RSA Pretoria	Senior Surveyor.
July2013-June2014	Contract Surveyor Escom Medupi	Senior Surveyor.
July2010-July2013	P D NAAIDO (SANRAL) Ladybrand	Senior Surveyor.
March2007-June2010	SSI(SANRAL) Bloemhof	Senior Surveyor.
October2005-February 2007	PSC Civil Engineering Pretoria	Senior Surveyor.
January1996-October 2005	Van der Want&Pnt Alberton	Surveyor
October1989-December 1995	Sneider&Dreyer Harrismith	Surveyor
July1984-August 1989	Scott&de Waal Inc Johannesburg	Surveyor
April1982-June 1984	Davy McKee International JHB	Surveyor

Courses & Conferences attended

April 2018: SAGI Technology update Workshop

July 2017: SA GEO TECH 2017

September 2016: SAGI-Geomatic Indaba

June 2014: PLATO-Trig-net

August2011: PLATO-Trignet -workshop

January 1995: Escom-GPS-Information system

August 1990: PLATO-GIS-workshop

Language Skills

Mother Tongue:	English		
Languages	Speak	Read	Write
English	Fluent	Fluent	Fluent
Afrikaans	Fluent	Fluent	Fluent