

Years' Experience: 13 years

Citizenship: South African

Race: White

## MEMBERSHIP

Engineering Council of South Africa: 20120186

The South African Institute of Civil Engineers: 2012110

## PROFESSIONAL PROFILE

An civil engineer with 11 years' experience in road planning and construction, civil services design and construction, geometric design of urban and rural roadways, traffic engineering, economic evaluation of capital expenditure projects, level of service determination, traffic signal design and installation.

## RELEVANT EXPERIENCE

- Dualling of N1 section 16 between Winburg Interchange (km 78.8) and the Intersection to Winburg Station (km 89.0)
- The Periodic Maintenance of National Route 2 Section 23 from Mzinto River (km 32.6) to Mkomazi River (km 54.0)
- Periodic Maintenance (Repair & Reseal) of National Route 10 Section 11 between Groblershoop (km 0.0) and Lambrechtsdrift (km 61.1)
- IRT Infrastructure: Trunk Route Sections,
- Roadworks & Services in Melkbosstrand &
- Atlantis

## KEY SKILLS

- Traffic Engineering
- Geometric design of roads
- Pavement design
- Road construction supervision and administration
- Project management
- Contract documentation
- Civil services
- Signalization planning

## PROJECT EXPERIENCE

DATE/YEAR: 2014 - Current  
 CLIENT: City of Cape Town/ Garden Cities  
 PROJECT NAME: Pinehurst Phase 5,6 & 7 TIA  
 PROJECT DESCRIPTION:  
 Pinehurst Phase 5,6 & 7 TIA

LOCATION: Western Cape  
 CAPITAL VALUE: TBD  
 POSITION HELD: Design Engineer  
 RESPONSIBILITIES:  

- Traffic Engineering and planning
- Geometric Design Engineer

DATE/YEAR: 2015  
 CLIENT: City of Cape Town/ Garden Cities  
 PROJECT NAME: Blaauwberg Development Area Class 2 & 3 Roads master planning and access

LOCATION: Western Cape  
 CAPITAL VALUE: TBD  
 POSITION HELD: Design Engineer

PROJECT DESCRIPTION:  
 Blaauwberg Development Area Class 2 & 3 Roads master planning and access

RESPONSIBILITIES:  

- Geometric Design Engineer
- Traffic Engineer

DATE/YEAR: 2013 - Current  
 CLIENT: SANRAL  
 PROJECT NAME: Dualling of N1 section 16  
 PROJECT DESCRIPTION:  
 Dualling of N1 section 16 between Winburg Interchange (km 78.8) and the Intersection to Winburg Station (km 89.0)

LOCATION: Free State  
 CAPITAL VALUE: R410 million  
 POSITION HELD: Design Engineer, Contract Engineer  
 RESPONSIBILITIES:  

- Geometric design
- Traffic engineering
- Economic viability
- Project design
- Contract Engineer



DATE/YEAR: 2015 - 2017  
 CLIENT: Various  
 PROJECT NAME: WEF Developments  
 PROJECT DESCRIPTION:  
 Transport planning and impact of various solar energy facilities across South Africa.

LOCATION: Various  
 CAPITAL VALUE: N/A  
 POSITION HELD: Traffic Engineer  
 RESPONSIBILITIES:  
 • Traffic engineering

DATE/YEAR: 2015 - 2017  
 CLIENT: Various  
 PROJECT NAME: Various Solar Farm Developments (12)  
 PROJECT DESCRIPTION:  
 Transport planning and impact of various wind energy facilities across South Africa.

LOCATION: Various  
 CAPITAL VALUE: N/A  
 POSITION HELD: Traffic Engineer  
 RESPONSIBILITIES:  
 • Traffic engineering

DATE/YEAR: 2012 - 2017  
 CLIENT: Garden Cities  
 PROJECT NAME: Blaauwberg Development  
 PROJECT DESCRIPTION:  
 Transport planning and impact of various developments in the Blaauwberg north area. Planning of the roads master plan for class 2 & 3 roads.

LOCATION: Blaauwberg north  
 CAPITAL VALUE: 200 mil +  
 POSITION HELD: Traffic Engineer  
 RESPONSIBILITIES:  
 • Traffic engineering & Planning

DATE/YEAR: 2014 - 2016  
 CLIENT: Garden Cities  
 PROJECT NAME: Pinehurst Traffic Planning  
 PROJECT DESCRIPTION:  
 Transport planning and impact of various developments in the Blaauwberg north area. Planning of the roads master plan for class 2 & 3 roads.

LOCATION: Pinehurst (East Durbanville)  
 CAPITAL VALUE: N/A  
 POSITION HELD: Traffic Engineer  
 RESPONSIBILITIES:  
 • Traffic engineering

### CONTINUOUS DEVELOPMENT

YEAR	INSTITUTE	QUALIFICATION
2013-current	University of Stellenbosch	• Masters degree (M.Eng – Transport)
2016	SARF	• Property Land Acquisition for Valuers and Negotiators workshop
2014	SARF	• HDM 4 (Highway Development and Management)
2014	SANRAL	• Drainage Manual
2012	Computational Hydraulics Int.	• PCSWMM & EPA SWMM5 Modeling
2012	SAICE	• Geometric Design
2011	CESA	• Delay Disruption & Extension of Time
2010	SARF	• Contract Documentation
2009	SAVE	• LIC Level – NQF 7
2009	SARF	• Road Pavement Design
2008	University of Stellenbosch	• Flood Hydrology

STATEMENT:

ASSOCIATE

**DIRK**  
**VAN DER MERWE**

PROFESSIONAL ENGINEER  
B.ENG. CIVIL - 2005 University of Stellenbosch



"I Dirk Jacobus Petrus, confirm that the above CV is an accurate description of my experience and qualifications and I agree to serve in the position indicated for me in the proposal and for the durations and at the locations indicated therein."

A handwritten signature in black ink, appearing to read "DJP van der Merwe", is written over a horizontal line.

DJP van der Merwe

17 July 2018

DATE