



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	<ul style="list-style-type: none"> <li>• Masters degree (M.Eng – Transport)</li> </ul>
2016	SARF	<ul style="list-style-type: none"> <li>• Property Land Acquisition for Valuers and Negotiators workshop</li> </ul>
2014	SARF	<ul style="list-style-type: none"> <li>• HDM 4 (Highway Development and Management)</li> </ul>
2014	SANRAL	<ul style="list-style-type: none"> <li>• Drainage Manual</li> </ul>
2012	Computational Hydraulics Int.	<ul style="list-style-type: none"> <li>• PCSWMM &amp; EPA SWMMS Modeling</li> </ul>
2012	SAICE	<ul style="list-style-type: none"> <li>• Geometric Design</li> </ul>
2011	CESA	<ul style="list-style-type: none"> <li>• Delay Disruption &amp; Extension of Time</li> </ul>
2010	SARF	<ul style="list-style-type: none"> <li>• Contract Documentation</li> </ul>
2009	SAVE	<ul style="list-style-type: none"> <li>• LIC Level – NQF 7</li> </ul>
2009	SARF	<ul style="list-style-type: none"> <li>• Road Pavement Design</li> </ul>
2008	University of Stellenbosch	<ul style="list-style-type: none"> <li>• Flood Hydrology</li> </ul>

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.”

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DJP van der Merwe

17 July 2018

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DATE