

CURRICULUM VITAE

Company	GIBB
Name	Sergei Vladimir KIEWIET
Nationality	South African
Date of Birth	30.12.1987
Profession	Graduate Civil Engineer
Position	Graduate Civil Engineer
Specialising	Traffic and transport engineering
Start date with GIBB	2010 – Contract staff member

Key experience

A recent graduate engineer with two years of experience, Sergei Kiewiet specialises in traffic engineering.

His key experience includes:

- **Traffic engineering assistance** preparing numerous reports to address complaints with road geometric designs, signage, advertisements and speeding
 - **Intersection design and analysis**
 - **Supervision** of a large number of surveyors for large scale passenger surveys and parking study
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Qualifications

Bachelor of Science in Civil Engineering : University of Cape Town, 2009
Registration as a Candidate Engineer : Engineering Council of South Africa, 2012
CandEng Registration No.: 201250506
AutoCAD
ArcGIS (limited experience) and MrSid
SIDRA v3.2 & 4 and HCS Intersection Analysis

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Career summary

17 Mar 2010
to date

GIBB – Graduate Civil Engineer

Traffic and Transport Department

Duties included:

- Traffic Impact Assessments and Transport Specialist Studies
- Traffic engineering assistance preparing numerous reports to address complaints with road geometric designs, signage, advertisements and, speeding. The reports involve site inspections, reconnaissance, speed surveys, analysis of intersections (SIDRA and HCS) to determine Levels of Service (LOS)
- District 6 Developments : traffic signal surveys and drawings for intersections
- Supervision of a large number of surveyors for large scale passenger surveys for the Cape Town International Airport Rail Link project as well as for a Parking Survey study of the Worcester CBD
- Data capturing and various analyses of results for Worcester CBD Parking Survey
- Primrose Avenue Intersection Upgrade Project : intersection design and analysis, as well as preparation of project proposal and invoice

13 July 2009 to 7 Aug 2009 **P D Naidoo & Associates** - Civil Engineering Student

Project includes:

- Construction Site BRT, Paarden Eiland. Duties include:
 - Routinely checking whether the quantities (excavations, materials, day works) the contractor provided matched with that which was agreed upon within the Bills of Quantities
 - Doing levels, measurements and/or sketches along with the site clerk
 - Observed road construction from the sub-surface services to the layer works for the road, the plant used and the construction methods

22 June 2009 to 3 July 2009 **P D Naidoo & Associates** - Civil Engineering Student

Solid Waste Department

- Assisted an engineer with Integrated Waste Management Plans for local municipalities for the Limpopo Province, Waterberg District. This involved:
- Using status quo reports and doing independent research
- Synthesizing information into reports to complete background sections of reports (ground water and geology, socio-economics, demographics)

S V KIEWIET C V SHEET 3

7 Jan 2009 to 13 Feb 2009 **P D Naidoo & Associates** - Civil Engineering Student

Project included:

- Construction Site BRT, Paarden Eiland. Duties include:
 - Error checking, completing road section drawings and completing as-built drawings
 - Performing hydrological and hydraulic calculations to assess whether the existing stormwater drainage system is capable of handling the increased run-off due to road construction
 - Basic preliminary layout for stormwater drainage of the BRT
 - Training for Microsoft Project

17 to 30 June 2008 **City of Cape Town** – Civil Engineering Student

Project includes:

- Blackheath Water Treatment Facility. Duties include:
 - Observations of entire facility during maintenance period
 - Lab work (testing of water samples from various processes)
 - Assisted in cleaning rapid gravity sand filters
 - Observations of maintenance of filters and reservoirs at Wemmershoek WTF
 - Visit of Berg River Dam

Language capability

	Speaking	Reading	Writing
English	Excellent	Excellent	Excellent
Afrikaans	Fair	Excellent	Excellent

Signature

Date
