Profile

Our background
GIBB is a leading multi-disciplinary engineering consulting firm based in South Africa with 67% Black ownership. The firm has a strong African orientation with a wide geographical footprint on the continent.

The firm has been operating since 1956 and has proven capabilities in delivering world-class projects of any magnitude. GIBB prides itself on delivering high quality projects underpinned by an independently certified ISO 9001 quality system since 1999.

GIBB recognises and appreciates the potential offered by the African continent. Accordingly, GIBB has, over the years, developed an in-depth understanding of the challenges of developing infrastructure in Africa. This has contributed to the firm’s position as the partner of choice for the private sector, state owned enterprises (SOEs) and governments who seek knowledgeable people, with proven experience and the expertise to respond to the numerous infrastructure demands and needs of the continent.

Our experience
GIBB has executed various and complex projects across various sectors and engineering disciplines across many African countries. The firm remains committed to achieving excellence in every project, and is proud to be the firm of choice for the continent’s greatest engineers, who are leading experts in their fields. GIBB’s technical expertise is enhanced through our relationships with various global partners.

GIBB is conscious of the environment in which it operates in and continuously seeks ways to offer sustainable solutions on its projects.

The winning combination of top talent, in-depth industry knowledge, well-earned reputation for excellence and commitment to timeous, within budget delivery ensures that the client is guaranteed ultimate success of every project. GIBB’s long track record of industry awards is a testament of the recognition by our industry peers.

Our service offering
In addition to its traditional service offerings and in line with GIBB’s objectives of providing comprehensive solutions to clients, SVA International, one of Africa’s leading architectural practices has joined forces with the GIBB Group of firms. This has expanded the GIBB offering beyond engineering, to architecture and urban planning.

With offices in all major cities in South Africa and the rest of Africa, SVA’s areas of expertise include retail, hospitality, commercial, health, education and residential.

Our project exposure
The GIBB Group of firms operates across the entire Africa continent and has recently undertaken projects in: Angola, Botswana, Ghana, Lesotho, Malawi, Mozambique, Namibia, Nigeria, Rwanda, Seychelles, Swaziland, Tanzania, Uganda, Cameroon, DRC, Mauritius, Ethiopia, Senegal, Kenya, Djibouti, Gambia, Zambia and Zimbabwe.

Our markets
The markets GIBB operates in are:
- Transportation
- Freight and Logistics
- Power and Energy
- Water
- Sanitation
- Housing and Community Infrastructure
- Property Developments in retail, hospitality, commercial and residential
- Geotechnical and Tunnelling
- Natural and Built Environment
- Mining Infrastructure
- Health Infrastructure
- Education Facilities
GIBB’s Roads and Highways Services Sector provides a comprehensive range of services that include traditional consulting services (design, procurement and contract supervision), Public Private Partnership (PPP) solutions and asset management services. This includes high capacity freeways, interchanges and bridges, airport pavements, rural roads (including low volume and haul roads) and municipal infrastructure. The team is supported by transportation and traffic engineers, geotechnical and material engineers and other specialists.

Roads and Highways related services:

- Urban and rural road planning and design
- Geometric design
- Pavement and rehabilitation design
- Pavement management systems
- Bridge planning and design
- Bridge rehabilitation
- Bridge management systems
- Structural engineering
- Drainage design
- Hydrology and hydraulic design
- Stormwater management systems
- Procurement and construction supervision
- Project management
- Geotechnical investigations
- Materials and borrowpit investigations and studies
- Bridge inspections
- Route determination
- Roadmarkings and signage
- Visual assessments
- Tunnel engineering
- Public Private Partnership (PPP’s) projects
- Toll road investigation and management
- Product development and research scheme
- Health and safety services
- Existing services investigations
- Traffic accommodation designs
- Pedestrian facilities
- Project cost estimates
- Safety audits
## Projects demonstrating GIBB’s Roads and Highways Services

<table>
<thead>
<tr>
<th>PROJECT NAME</th>
<th>PROJECT VALUE</th>
<th>GIBB responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauteng Freeway Improvement Project: (N3 section 12)</td>
<td>R2 billion</td>
<td>Bridge design, geometric design, traffic engineering, geo-technical investigations and freeway lighting.</td>
</tr>
<tr>
<td>South African National Road Agency (SANRAL)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gauteng, South Africa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mantsonyane Lesobeng Road</td>
<td>R150 million</td>
<td>Bridge engineering, geometric design, pavement engineering, drainage, stormwater engineering and flood protection engineering.</td>
</tr>
<tr>
<td>Government of Lesotho</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lesotho</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piekenierskloof Pass</td>
<td>R120 million</td>
<td>Geometric design, lighting systems, pavement engineering, drainage and stormwater engineering, structural and bridge engineering.</td>
</tr>
<tr>
<td>South African National Road Agency (SANRAL)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Western Cape, South Africa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus Rapid Transit (BRT) system</td>
<td>R300 million</td>
<td>Transport planning, traffic engineering, drainage and stormwater, geometric design, pavement engineering, structural design and building services.</td>
</tr>
<tr>
<td>City of Johannesburg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gauteng, South Africa</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PROJECT NAME
Rehabilitation of roads for Ekurhuleni (Package 1)
Metropolitan Municipality

CLIENT NAME
Ekurhuleni Metropolitan Municipality

LOCATION
Gauteng, South Africa

PROJECT VALUE
R180 million

GIBB responsibilities
Rehabilitation planning, budget planning, pavement testing, pavement design, visual assessment, geometric improvements, stormwater improvements and site supervision.

PROJECT NAME
Construction of access road and bridge towards Nellmapius Extension 6

CLIENT NAME
City of Tshwane

LOCATION
South Africa

PROJECT VALUE
R20 million

GIBB responsibilities
Transport planning, traffic engineering, geometric design, pavement engineering, drainage and stormwater structural design, retaining walls and building services.

PROJECT NAME
Rehabilitation of N11 Section 6 and 7 construction

CLIENT NAME
South African National Roads Agency (SANRAL)

LOCATION
South Africa

PROJECT VALUE
R320 million

GIBB responsibilities
Transport planning, traffic engineering, drainage and stormwater geometric design, structural design and pavement engineering.

PROJECT NAME
Pedestrian Bridge over K27 dual carriageway

CLIENT NAME
Ekurhuleni Metropolitan Municipality

LOCATION
Tembisa, Gauteng, South Africa

PROJECT VALUE
R12 million

GIBB responsibilities
Pedestrian planning, bridge design, contract procurement and construction administration/monitoring.
Roads and Highways Services projects

- Major roads
- Roads and runways
- Pavement rehabilitation
- Road safety solutions
- Rural roads
- Freeways
- Pavement investigations
- Interchange design
- Stormwater systems
- Toll plazas
- Geotechnical investigations
- BRT systems
<table>
<thead>
<tr>
<th>PROJECT</th>
<th>CLIENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauteng Freeway Improvement Project, N3 Section 12: upgrading of roads,</td>
<td>SANRAL</td>
<td>Gauteng, South Africa</td>
</tr>
<tr>
<td>interchanges and bridges including new bridges</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rehabilitation of various roads for the City of Cape Town, including</td>
<td>City of Cape Town</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>asphalt and seal works</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rehabilitation of various roads in Ekurhuleni Municipal Metro (EMM),</td>
<td>Ekurhuleni Metropolitan Municipality</td>
<td>Gauteng, South Africa</td>
</tr>
<tr>
<td>including asphalt overlay and mill and inlay seal works</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rehabilitation and upgrade of Kanetvlei to Hex River Pass N1: asphalt</td>
<td>SANRAL</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>overlay work and slow lane concrete pavements</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Johannesburg BRT routes: upgrade of road infrastructure and</td>
<td>Johannesburg Development Agency</td>
<td>Gauteng, South Africa</td>
</tr>
<tr>
<td>implementation of associated infrastructure such as bus stations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rehabilitation and upgrade of Somerset road, Cape Town CBD: pavement</td>
<td>City of Cape Town</td>
<td>Cape Town, South Africa</td>
</tr>
<tr>
<td>and asphalt works</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design and construction of Cleveland Link dual carriageway road</td>
<td>Johannesburg Road Agency</td>
<td>Gauteng, South Africa</td>
</tr>
<tr>
<td>including road over rail and road over road bridges in</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Johannesburg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upgrade and rehabilitation of K60 urban dual carriageway Johannesburg</td>
<td>Gauteng Department of Roads and</td>
<td>Gauteng, South Africa</td>
</tr>
<tr>
<td>Design and construction of Rautenbach, Watt and Roosevelt Link roads</td>
<td>Johannesburg Road Agency</td>
<td></td>
</tr>
<tr>
<td>Johannesburg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction and asphalt pavement rehabilitation of BRT bus routes,</td>
<td>City of Cape Town</td>
<td>Cape Town, South Africa</td>
</tr>
<tr>
<td>Cape Town</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design and construction of N2/Neptune Interchange and dualling of the</td>
<td>SANRAL</td>
<td>Eastern Cape, South Africa</td>
</tr>
<tr>
<td>N2 at Coega</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rehabilitation and upgrade of TR1 11/2 (N7) Melkbos to Malmesbury</td>
<td>Provincial Administration Western</td>
<td>Western Cape, South Africa</td>
</tr>
<tr>
<td>(two phases), including Special Friction Course construction</td>
<td>Cape</td>
<td></td>
</tr>
<tr>
<td>Specialist design of friction pave overlay: N4/N12 (Witbank)</td>
<td>City of Cape Town</td>
<td>Cape Town, South Africa</td>
</tr>
<tr>
<td>Design and upgrade study for various BRT routes: concrete, asphalt and</td>
<td>Grinaker</td>
<td>Eastern Cape, South Africa</td>
</tr>
<tr>
<td>UTFC surfacing pavements (+200 km)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Design and construction of concrete and paving block hard stands in the</td>
<td>City of Cape Town</td>
<td>Cape Town, South Africa</td>
</tr>
<tr>
<td>container area</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>