

## Roads and Stormwater



### ROADS AND STORMWATER OVERVIEW

SCIP has extensive experience in the engineering design of a wide variety of roads and stormwater projects. Using the latest computerised design applications, SCIP provides optimised solutions within budget and on time. We are able to facilitate accurate bidding and quoting by supplying highly detailed drawings and design specifications. These also ensure that the construction phase runs smoothly. Irrespective of the size of the project, special attention is given to the coordination between all disciplines involved. We believe that the key to SCIP's success is based on intelligent decision-making in the early design stages, as well as on our open communication style.

### AREAS OF EXPERTISE

- Township roads and bridges
- Provincial roads and bridges
- National roads
- Rehabilitation / upgrading of roads
- Parking areas
- Stormwater management systems
- Hydraulic/Hydrologic Modeling
- Flood line determination
- Stormwater reticulation
- Stormwater attenuation
- Retention pond design
- Hydrology and surface water resource evaluation
- Flood studies and risk assessments

# INTEGRATED CONSULTING SERVICES

## Emergency Repairs at Empire Road

01



**Client**

Johannesburg Roads Agency

**Date of completion**

September 2014

**Value of contract**

R21 mil

**Details**

Design and site supervision of the repairs of damaged storm water and other services at Empire Road.

## Hyperion Street and Stormwater Maintenance Repair

03



**Client**

Johannesburg Roads Agency

**Date of completion**

October 2010

**Value of contract**

R22 mil

**Details**

Design and construction supervision of a culvert bridge and maintenance on Hyperion Street and Derby Road.

## Golden Gardens Civil Services

02



**Client**

Gauteng Department of Human Settlements

**Date of completion**

August 2014

**Value of contract**

R40 mil

**Details**

Design and site supervision of civil services for 1000 stands in Golden Gardens

## Rehabilitation of the N11 national road

04



**Client**

SANRAL

**Date of completion**

December 2011

**Value of contract**

R420 mil

**Details**

Heavy rehabilitation of a 55km national route, N 11 section 6 to 7 from Amersfoort to Ermelo

## SCIP EXPERTISE

SCIP has extensive knowledge and experience in project and construction management, housing developments, municipal and structural engineering, provincial and national roads, bridges, as well as labour intensive construction methods and skills development.

### We specialise in the following areas:

- Affordable housing developments
- Labour intensive construction
- Project management
- Water
- Stormwater
- Flood analysis
- Sewer
- Roads
- Structures
- Sports facilities
- Recreation facilities
- Design and construct projects
- Abattoirs
- Effluent treatment

## CONTACT

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STRUCTURES & BUILDINGS  
ROADS & STORMWATER  
HOUSING & HUMAN SETTLEMENT  
WATER & SEWER  
ABATTOIR & MEAT PROCESSING



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Consulting Engineers

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