



Client: RCE Consultants  
 Services: Alternative Alignment  
 Appointed Date: August 2014

## Swaziland Railway Link project - Sidvokodvo, Swaziland

Hydrological Service

### The Background

Nurizon Consulting (PTY) Ltd. was contracted for the professional hydrological services related to the Swaziland Railway Link project, Sidvokodvo Alternative Alignment.

Road length was approximately 6km.



### Scope of works

- ✓ Calculation and determination of catchment areas, rainfall data, stormwater
- ✓ run-offs & flood peaks.
- ✓ Sizing of the drainage structure, to the design flood peaks (parallel & cross flows)
- ✓ Technical report.
- ✓ List of information for the hydraulic structures sizing.
- ✓ Description of the design parameters & assumptions.
- ✓ Sizing of the hydraulic structures.

