



Client: RCE Consultants  
 Services: Longitudinal Drainage  
 Appointed Date: July 2014

## Railway Link Sidvokodvo, Swaziland

Design Report

### The Background

Nurizon Consulting (PTY) Ltd. analysed, designed, and provided recommendations regarding the hydrological and hydraulic requirements for the internal longitudinal of the railway.

The new railway was connected to the existing railway at Lothair junction and again at Sidvokodvo junction in Swaziland. The rail is 147km long and ran over various topographical areas.

### Design Philosophy

Stormwater collected on each cut & fill section. Each channel has a corresponding catchment area that governs its size. Each channel will deliver its stormwater through concrete chutes.

