

Client: Mangaung Metropolitan Municipality

Value: R25 million

Services: Geometric, pavement and stormwater detail design

Project Duration: 05 June 2014 – Ongoing

Kenneth Kaunda Road Rehabilitation, Bloemfontein

Road Rehabilitation: Detail Design and Construction

The Task

Kenneth Kaunda (previously Eeufees Road) is one of Bloemfontein's major arterials roads. The condition of the road had deteriorated in recent years to the point where Mangaung Municipality had earmarked the road for major rehabilitation works.

Design Services

Nurizon was tasked with the detailed geometric, stormwater and pavement rehabilitation designs for a 1.9km portion of the dual carriageway. This included transverse re-profiling of the road and upgrading of the road's existing stormwater drainage infrastructure to ensure that the road drained efficient and standing/ponding water was minimised.

Nurizon also compiled the Bills of Quantities and the tender documentation for the project, as well undertaking the completed tender adjudication works, e.g. reporting and recommendations and site supervisory works.

The Result

The rehabilitation of the pavement structure and the correction of the road's geometric alignment, together with the stormwater infrastructure upgrades, will both extend the service life of the road and ensure that it is safe for all road users.

The expected structural design life of the rehabilitated road is 20 years with regular maintenance.

