

**BASIC ASSESSMENT PROCESS FOR THE PROPOSED UPGRADE OF NATIONAL ROAD R101 SECTION 8 FROM BELA BELA (KM 0.0) TO MODIMOLLE (KM 26.8), WATERBERG DISTRICT MUNICIPALITY, LIMPOPO PROVINCE
SITE PHOTOS TAKEN ON THE 3RD OF FEBRUARY 2021**

PROJECT START



Intersection of the R101 and Voortrekker Road/Chris Hani Drive (km 0.0)



View of the project area from R101 (km 0.0)

GENERAL CONITIONS OF THE ROAD



Pavement of National Road R101 Section 8 is generally in a fair to good condition



Realignment Area 3 also with a fair to good pavement condition



Exiting road servitude consists mainly of gravel shoulders bounded by fences on both sides



Landscape street trees and street lights adjacent to the road in Bela Bela urban area



Poorly visible signage along the road to be revamped



Road section with poor drainage between km 0.0 and km 1

ADJACENT LANDUSES



Businesses adjacent to the road in Bela Bela Urban Area



Transnet railway line parallel to the road in Bela Bela



Jacob Zuma View Informal Settlement immediately east of the railway line in Bela Bela.



Resorts, game farms and agricultural farms are located parallel to the rural section of the road outside of the road reserve.



Private properties are located parallel to the road outside of the road reserve



Businesses adjacent to the road in Modimolle Urban Area

ECOLOGY ALONG THE STUDY AREA



Wetland associated with tributaries of Bad se Loop and Klein Kariba



Pristine vegetation at Realignment Area 2



Aquatic habitat within the proposed upgrade area



Pristine vegetation at Realignment Area 3

INFRASTRUCTURE



Major box culvert with insufficient drainage capacity



Dilapidated pipe culvert along the road



Electrical line parallel to the road in Bela Bela



Modderloop Bridge with ageing infrastructure



Groot Nyl River Bridge crossing over the critically endangered Groot Nyl River aquatic ecosystem



Traffic control infrastructure in Modimolle

PROJECT END



Limit of SANRAL Contract at km 26.8



End of the project in Modimolle at the intersection of the R101 and R33 (km 26.8)