

P179 ROAD UPGRADE

WRITTEN BY CAVELLE HENDRY



INTRODUCTION:

2.1 Project Description:

The KZN Department of Transport (DoT) is currently addressing the needs of previously disadvantaged rural areas by providing service delivery through infrastructure development to ensure the safety of all road users and the community in the area. P179 is an existing gravel road which is in the process of upgrading the entire road.

2.2 Location:

The main road P179 comprises of a total of 9,525 Kms. It is located in the Estcourt area parallel to the N3 leading to the town of Wembezi. A total of 5.170 kms commencing at the P10-1 intersection has been upgraded to blacktop standard. For this financial year DoT is planning to upgrade P179 from km 5.170 to km 9.525.

SOCIAL BENEFITS:

The upgrade of P179 greatly improves access to health and educational facilities in the area, some of which includes the following:

- Ezamukuthula Primary School
- Zola Primary School
- Wembezi School
- Muntuza Primary School
- Wembezi Hospital
- Emahhashini Primary School
- Bhekundi High School
- Inkanyiso Primary School
- Drakensberg C. High School

Sidewalks will be provided to the community so that the pedestrians may benefit a safe route to local schools and graveyards in the area.





CURRENT PROGRESS:

Personnel on Site

NANKHOO ENGINEERS PROJECT TEAM

Employer's Agent's Representative: R Sarju
 Employer's Agent's Representative: C Hendry
 Engineers Representative: S. Mula

COMPLIANCES:

Environmental: Environmental Monitoring and Auditing occur on a monthly basis. Each month an independent ECO visits the site, checks if the works are compliant with the EMPr and provides a rating. Additionally, since the road crosses the Little Bushmen's River, Water Quality Monitoring is also conducted.

Occupational Health and Safety: Each month an independent auditor inspects the site to ensure all safety procedures and protocols are adhered to. With the effect of COVID-19, this role has added responsibilities to ensure safety of the project team and surrounding community.

Scheduled Work For The Rest of October

- Roadbed preparation
- Construction of headwalls and manholes
- Supply and processing of fill/G9/G7

Current Work Done to Date

The overall work done to date comprises of:

- Site establishment
- Installation of stormwater pipes.
- Excavations for headwalls and manholes.
- Roadbed preparation
- Cut to fill
- Undercuts
- Processing of G7/G9 material

The upgrade of this road will increase economic growth by allowing a better quality of access by vehicular and pedestrian traffic.



NANKHOO CONSULTING ENGINEERS



CONCLUSION:

The upgrade of P179 will contribute positively to the quality of living in this area as it will increase economic growth by allowing a better quality of access by all vehicular and pedestrian traffic.

The construction team will continually assist all SMME's to manage and gain the relevant skills to grow in the Civil Engineering sector.

Overall, this project will benefit the community by improving infrastructure in the area as well as creating job opportunities for local contractors and labourers.