

# PRESENTATION

## DEPARTMENT ROADS AND PUBLIC WORKS

**Trendsetters through excellence in service delivery**



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# CONTENT

1. Provincial Road Network
2. Paved roads Condition
3. Gravel roads condition
4. Strategic roads..
5. Impact / Consequences.
6. Roads Transfers
7. Valazonke.
8. Roads Projects
9. JTG Project



# PROVINCIAL ROAD NETWORK

Road Type	Total length
Paved	2 938.33
segmented Blocks	33.46
Unpaved	23 639.05
<b>TOTAL NETWORK</b>	<b>26 610.84</b>



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# PAVED ROADS CONDITION

Because the majority of the minerals are transported over road, this has a huge impact on the condition of the roads within the province.

The current roads condition within the province is as follows with emphasis to the surfaced roads where most of the materials are transported



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# GENERAL OVERALL CONDITIONS

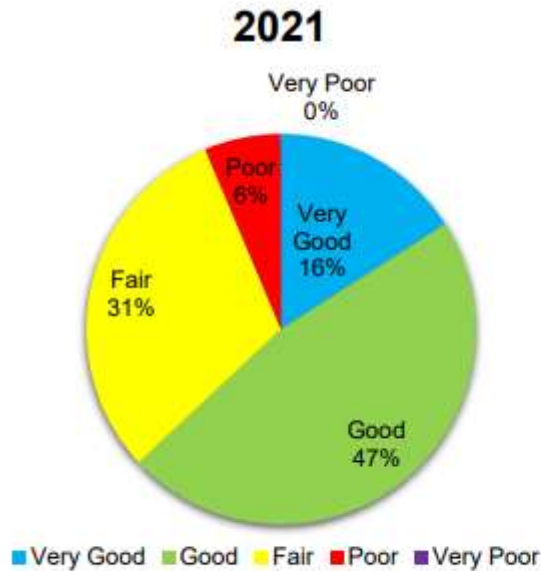


Figure 4.10: DRPW overall VCI 2021

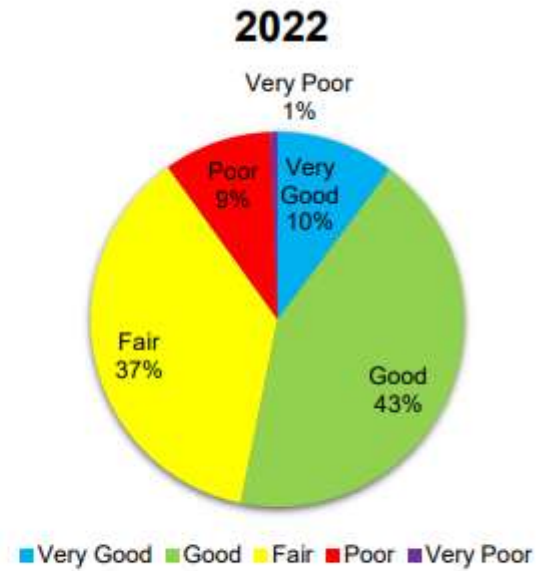


Figure 4.11: DRPW overall VCI in 2022

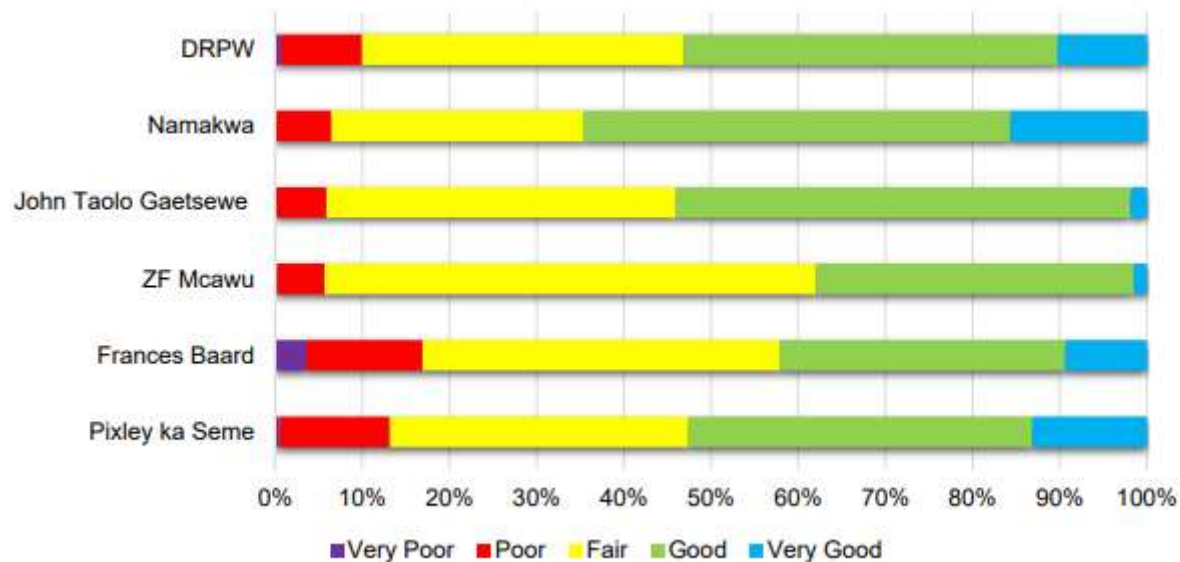


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# GENERAL CONDITIONS PER DISTRICT



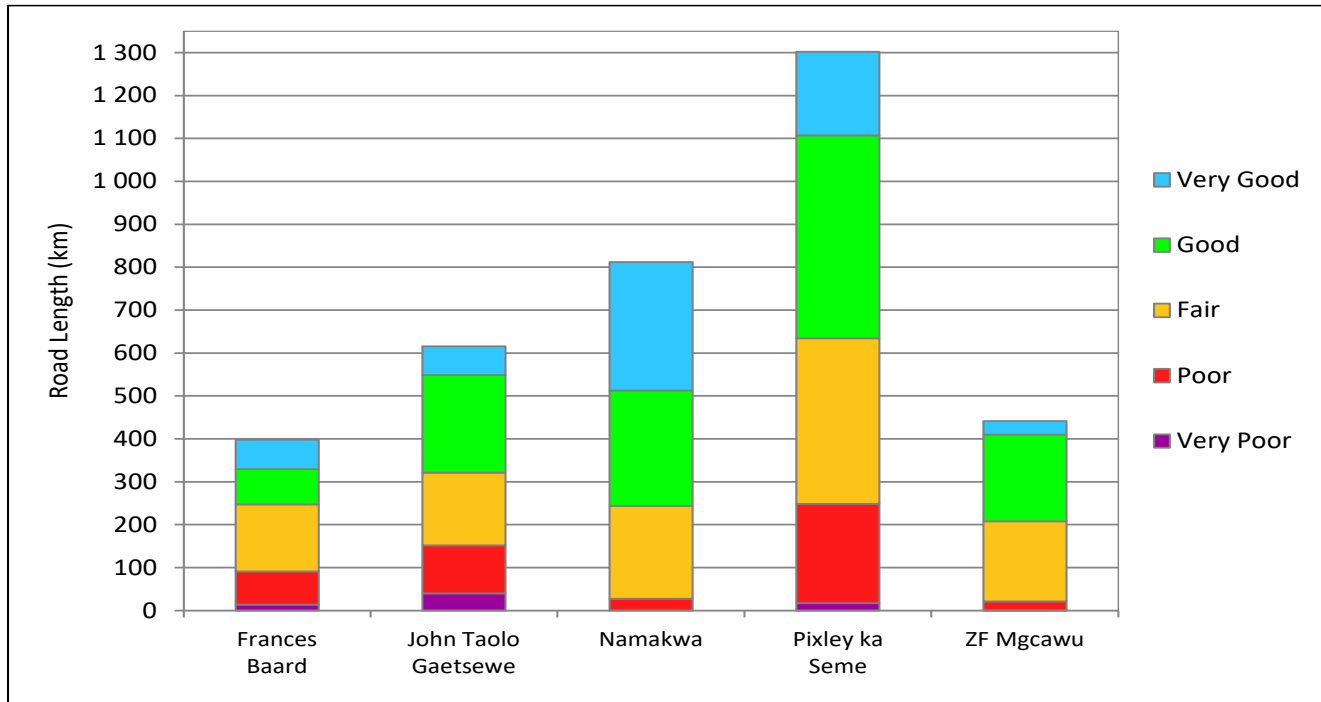
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EXPANDED PUBLIC WORKS PROGRAMME

# PAVED ROADS CONDITIONS



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# PAVED ROADS CONDITIONS

Based on the above, it is clear that Frances Baard, John Taolo Gaetsewe and Pixley ka Seme have the highest of the very poor roads within the Province.

## **Facts about the above status of the road conditions especially of the three Districts.**

- Most of the roads were not designed to carry the loads which is experienced today.
- Most of these roads are constructed around 80's with a life span of 20 years.
- The increase in the transportation of the minerals on roads have high impact on the roads while the Provincial and Municipal funding is not adequate to address the demand.



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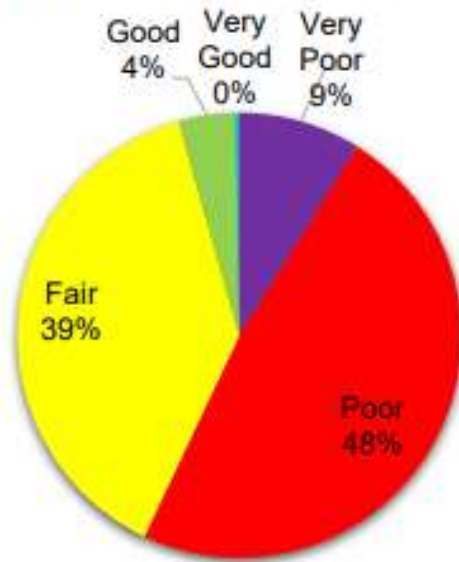
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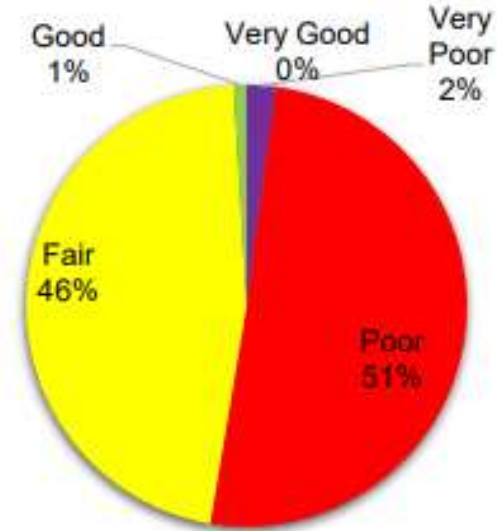


# GRAVEL ROADS CONDITION

## Unpaved Network VGI 2021



## Unpaved Network VGI 2022

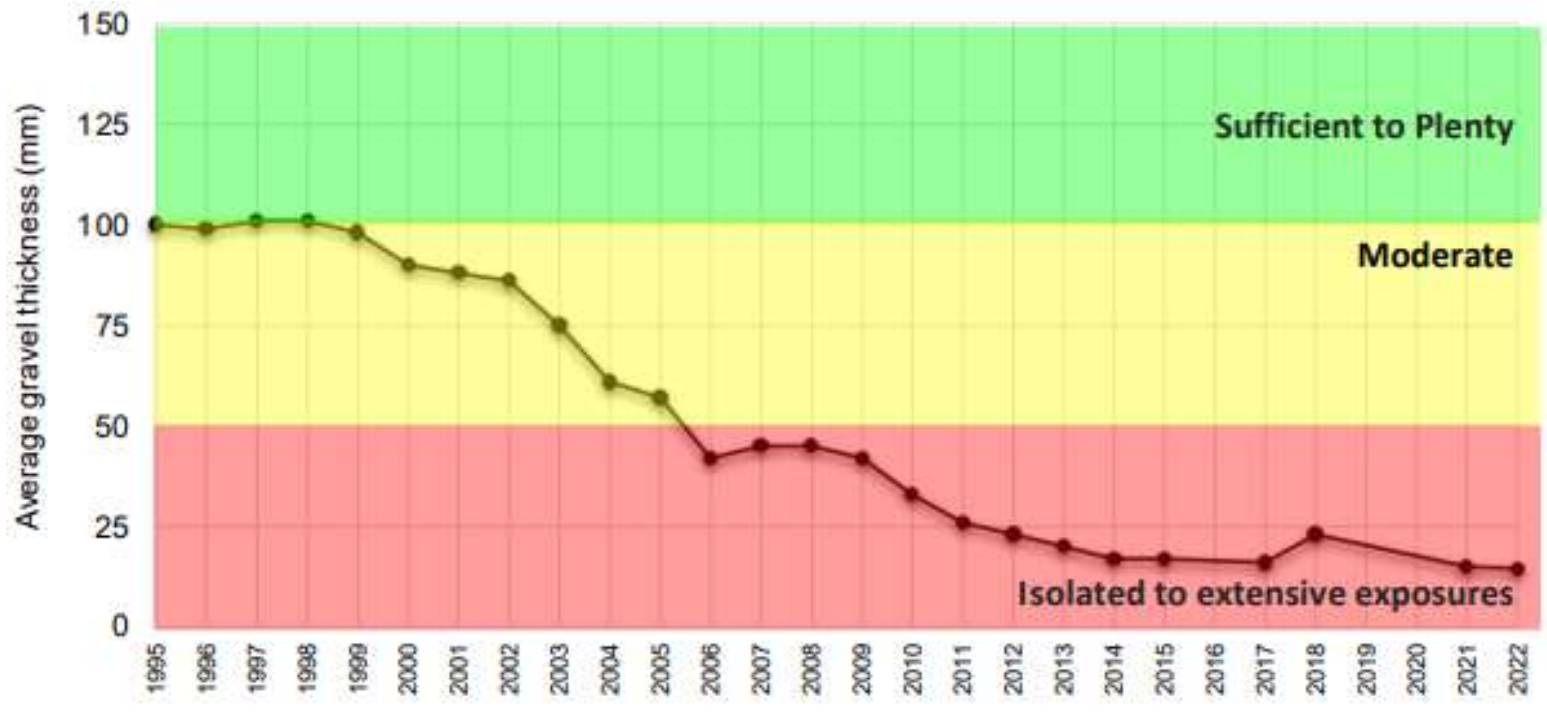


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# GRAVEL THICKNESS OVER PERIOD



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# STRATEGIC ROADS

- The most affected roads in the three districts mentioned above is “Manganese Corridor”
  - The Manganese corridor is the road transport of material from Kalahari fields to the port of COEGA and Port Elizabeth.
  - Material is mostly transported through the R31: Hotazel towards Kimberley.
  - From Kimberley loads travel on the N12 South till Hopetown.
  - From Hopetown to Hanover at the N1, then the rest of the movement is on SANRAL route (N1 and N10).

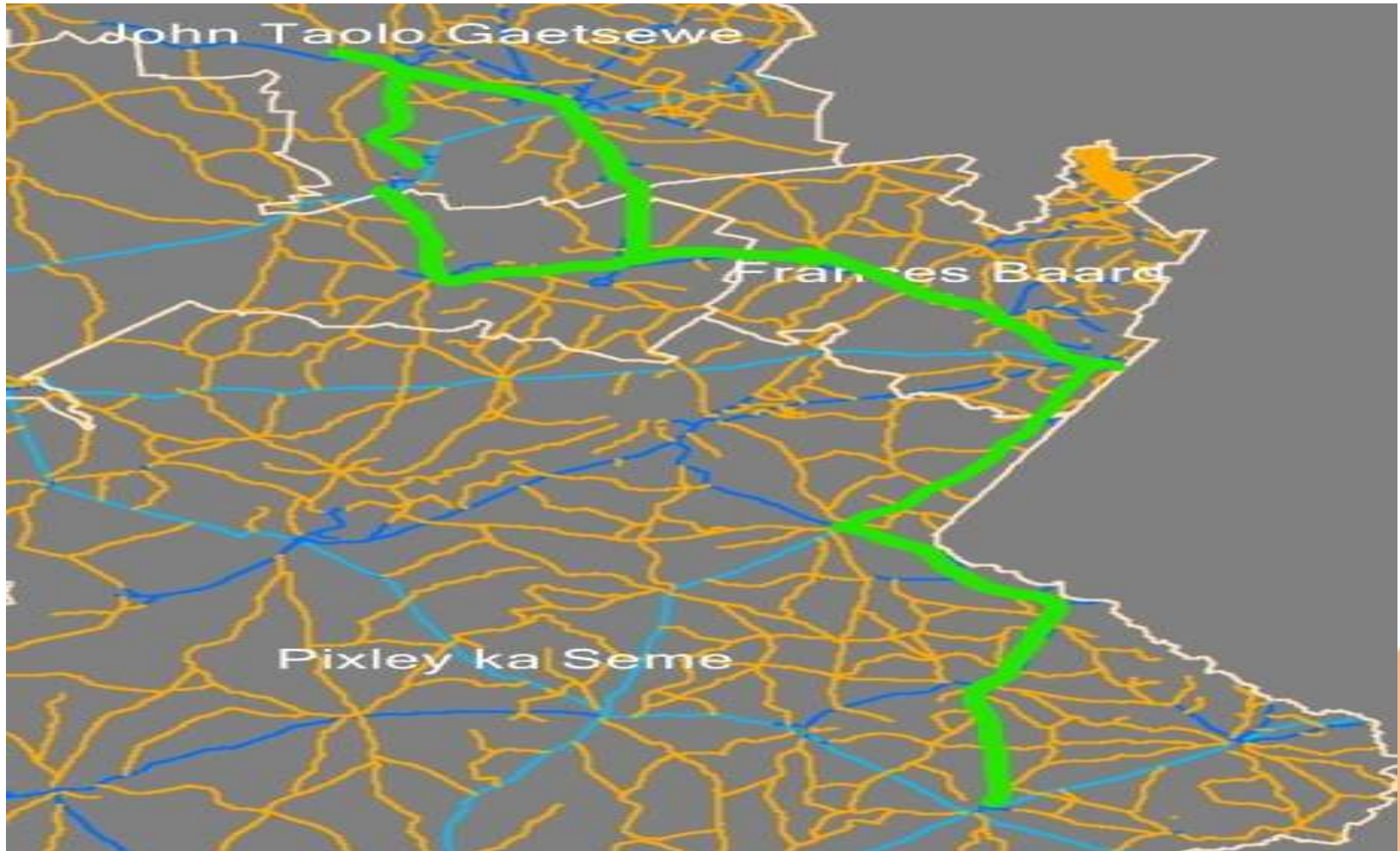


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# STRATEGIC ROADS



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# STRATEGIC ROADS

- R31 from Hotazel to Askham: The road is in a fair condition with day to day maintenance. The section require rehabilitation.
- R380 Hotazel to Kathu: The road is currently under rehabilitation though there are challenges with the contractor.



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# IMPACT / CONSEQUENCES

- All the mines produces more than 200 million tons per annum and continue to increase every year.
- Failure to rehabilitate the corridor will lead to more lives to be lost because of the prevailing conditions of the road.
- The road is becoming expensive to transport the material because of high maintenance costs and high fuel costs.
- Limitation on free movement of the light vehicles and the delivery trucks which will effect the economy of the area.
- The lack of proper roads (Surfaced roads) more especially in and around JTG have negative impact on communities and businesses.



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# ROADS TRANSFER IMPACT

DISTRICT	PAVED (KM)	TRANSFERRED	BALANCE
John Taolo Gaetsewe	844.35	300.68	543.67
ZF Mgcawu	309.96	0	309.96
Frances Baard	435.65	117.4	318.25
Pixley Ka Seme	1 353.17	238.45	1114.72
Namakwa	864.91	179.73	685.18
<b>TOTAL</b>	<b>3808.04</b>	<b>836.26</b>	<b>2971.78</b>

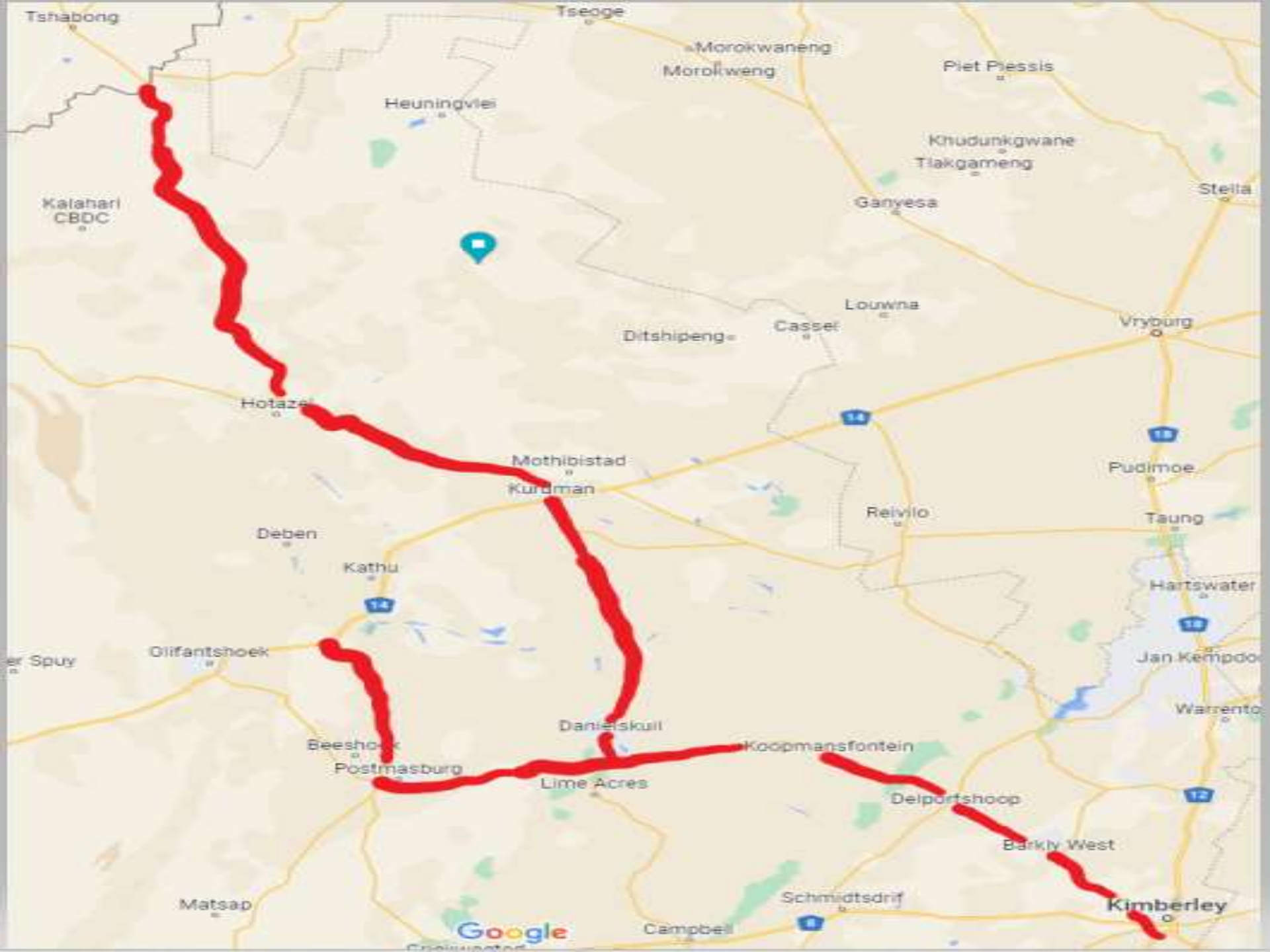
DISTRICT	GRAVEL (KM)	TRANSFERRED	BALANCE
John Taolo Gaetsewe	2118.49	112.97	2005.52



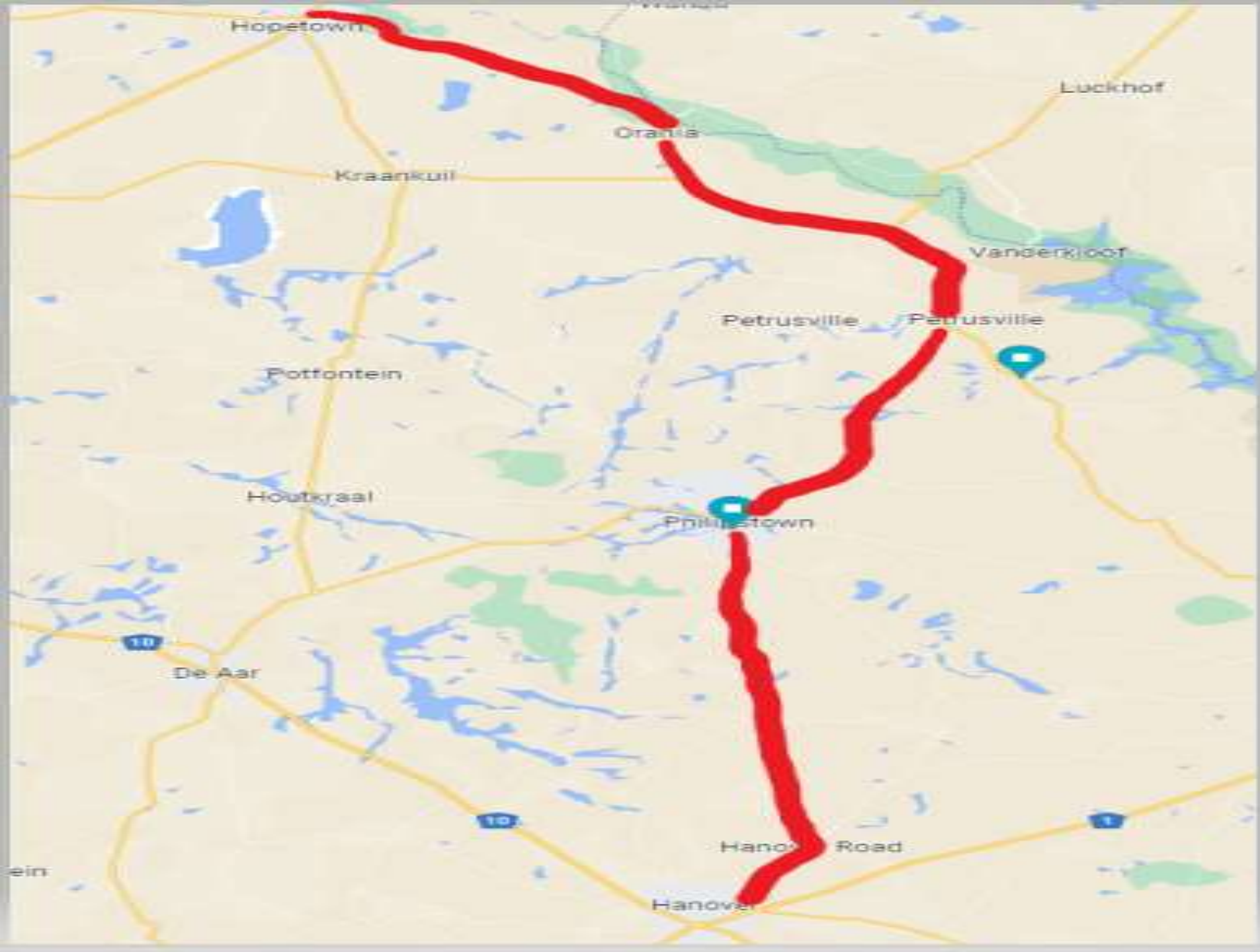
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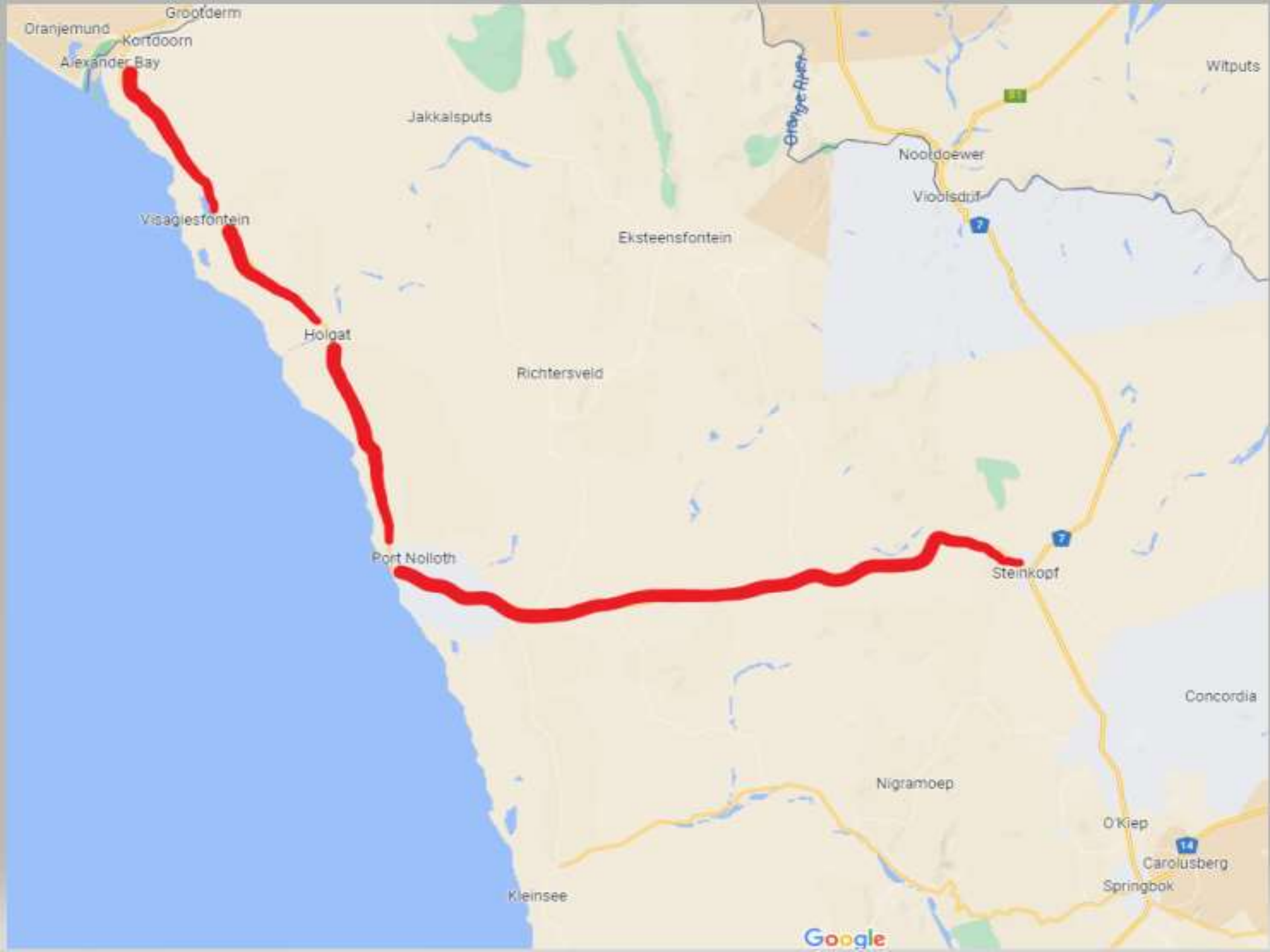
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Oranjemund  
Kortdoorn  
Alexander Bay

Visagiesfontein

Holoat

Port Nolloth

Jakkalsputs

Eksteensfontein

Richtersveld

George River

Nootdoewer

Vioolsdrif

Steinkopf

Witputs

Concordia

Nigramoep

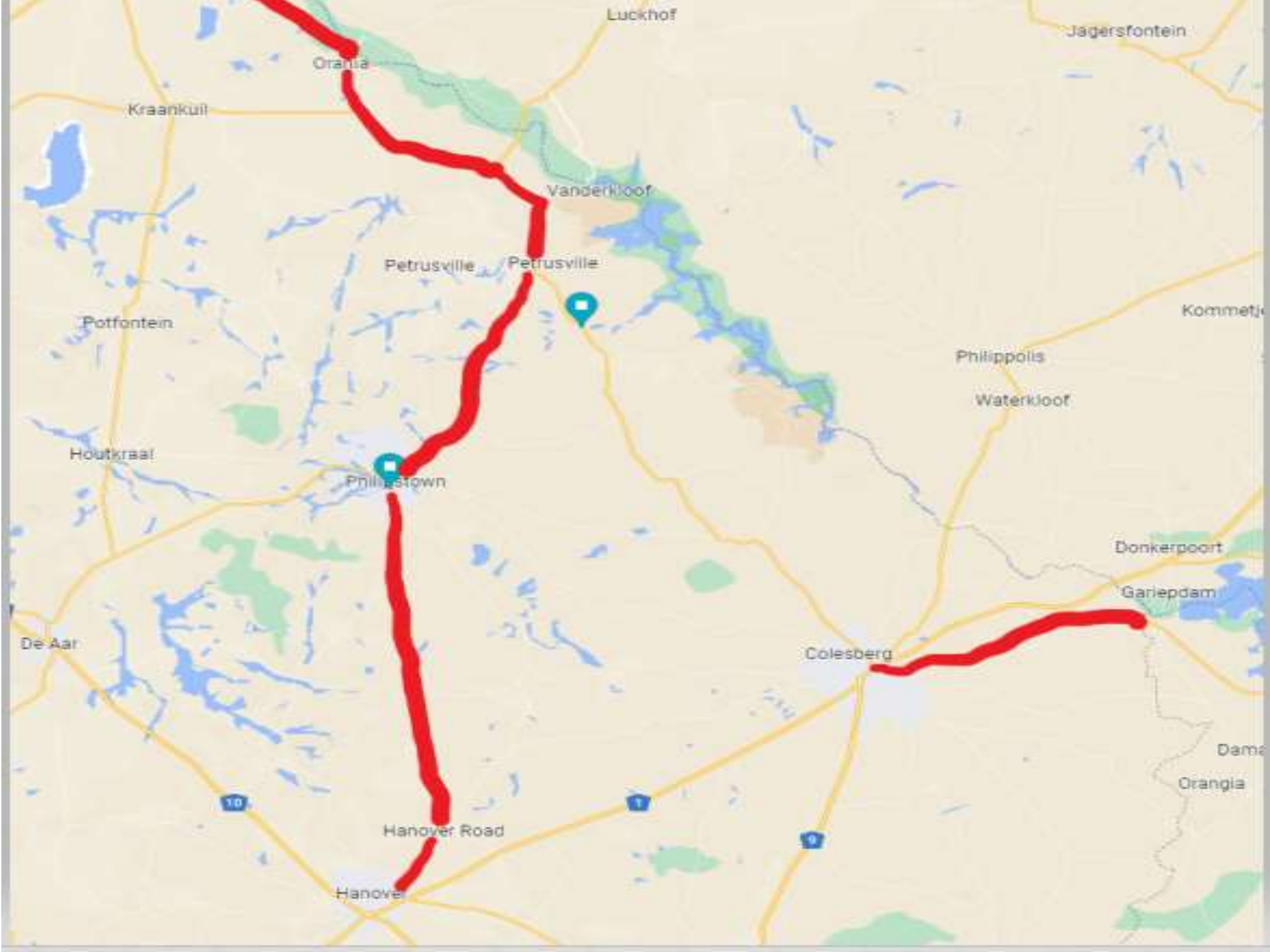
OKiep

Carolusberg

Springbok

Kleinsee

Google



# VALAZONKE

District or Region	April Pothole Repairs – Square Meterage Repaired	May Pothole Repairs – Square Meterage Repaired	June Pothole Repairs – Square Meterage Repaired
FRANCES BAARD	177.92	632.6	194.27
JOHN TAOLO GAETSEWE	428.06	1118.76	176.8
PIXLEY KA SEME	1462.7	414.24	370.12
NAMAKWA	460	959	650.5
ZF MQGAWU	136.22	28.35	338.49
<b>TOTAL</b>	<b>2 664.90</b>	<b>3 152.95</b>	<b>1 730.18</b>



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# 2023/2024 PROJECTS

## Upgrading

DITHAKONG PHASE 3

RUSFONTEIN-LAXEY PH3

DITHAKONG-NW BORDER

UPGRADE: MR974 LAXEY-HEUNINGVLEI

FRASERBERG-WILLISTON 2

SUTHERLAND-MIDELPOS 2



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# 2023/2024 PROJECTS

## Rehabilitation:

### Projects

REHAB MR938 MAMATWAN MR884-TR5/5

- REHAB: MR804 MODERRIVIER-JACOBSDAL
- HOMEVALE



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# 2023/2024 PROJECTS

## Reseal:

Project
RESEAL 2.1 RES/WIDEN:TR5/3 BLIKFONTEIN-MIDELPOS
RESEAL TR38/1 PPHILLIPSTOWN-DE AAR)
RES/WIDEN MR858 AUGRABIES PHASE 2
RESEAL 2.3 RES/WIDEN: MR913 N12-BARKLEY-WINDSORTON
RESEAL 2.4 RES MR948 CHURCHIL-BENDEL
RESEAL 3.2 RES/WIDEN MR807 PLOYBRG -DOUGLAS `
RESEAL 3.3 RESEAL KIMBERLEY AREA



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# 2023/2024 PROJECTS

## Regravelling:

Project
REGRAVEL (STAB) MR896 POSTMASBURG-GRIEKWASTAD
KPI REGRAVEL (STAB) MR803 PAPKUIL-LIME ACRES
REGRAVEL (STAB) MR758 POFADDER-ONSEEPKANS
KPI REGRAVEL (STAB) MR808 DOUGLAS-RITCHIE



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# 2023/2024 PROJECTS

## Bridges Maintenance:

BRIDGE MAINT: ZF MGCAWU	CONTRACTOR
	PROFFESIONAL SERVICE PROVIDER
BRIDGE MAINT: PIXLEY AREA	CONTRACTOR
	PROFFESIONAL SERVICE PROVIDER



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# 2023/2024 PROJECTS

## Safety:

RM: HERBICIDES APPLICATION 2023
ROAD MARKING 2021
ROAD TRAFFIC SIGNS 2021



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# 2023/2024 PROJECTS

**KPI: Contractor Development and only job creation**

NC703A	KPI1 LIME ACRES -PRIESKA
NC703B	KPI2 KIMBERLEY - PRIESKA
NC703C	KPI3 DOUGLAS - RITCHIE
NC703D	KPI4 LOUISVALE - AUGRABIES
NC703E	KPI5 MARUPING - HEUNINGVLEI
NC703F	KPI6 KURUMAN - DITSHIPENG
NC703G	KPI7 DOUGLAS - HOPETOWN
NC703H	KPI8 DE AAR - PHILLIPSTOWN
NC703I	KPI9 BRITSTOWN -CARNARVON
NC703J	KPI10 SUTHERLAND -WC BORDER
NC703K	KPI11WILLISTON - FRASERBURG
NC703L	KPI12 CALVINIA (R27) - WILLISTON
NC703M	KPI13 WILLISTON CARNARVON
NC703N	KPI14 CARNARVON - VICTORIA WEST
NC703O	KPI15 BARKLEY - N12
NC703P	KPI16 KATHU - DEBEN
NC703Q	KPI17 SUTHERLAND - CALVINIA



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# JTG Projects

**PROJECT NAME: UPGRADING OF MAIN ROAD 947 BETWEEN RUSFONTEIN AND LAXEY – PHASE 3.**

- **This project consists of the upgrading of a 12km gravel road to surface standard between Padstow and Laxey. This upgrading to surfaced standard will go through the Laxey village.**
- **The progress of this project is currently at 98%.**
- **There project hired 68 local people.**



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# THE END

**Baie dankie  
Thank you  
Enkosi**



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