

ONTRACK

IMPROVING TRUCK DRIVER SAFETY

New arrestor bed on the N2

**ROAD
INFRASTRUCTURE**
Priority projects in Saldanha

#ROADWORKSWC
Projects under construction

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VISION:

To lead in the delivery of government infrastructure and related services.

MISSION:

The Department of Transport and Public Works delivers infrastructure and services to promote socio-economic outcomes and safe, empowered and connected communities.

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THIS EDITION

The Department of Transport and Public Works is committed to delivering high-quality provincial roads in the Western Cape. Roads are a critical part of the transport system. A country's road network should be well maintained, have adequate capacity to maximise economic and social benefits, and improve access to opportunities. Our projects support the achievements of Provincial Strategic Goal 1: to create opportunities for growth and jobs.

Our work on roads includes preserving surfaced roads, gravel roads and bridges, and reducing maintenance backlogs. Spending priorities are determined by, among other things, road condition, date of last refurbishment, the nature and amount of traffic, safety considerations, the number of people a road serves, the economic importance of a road, and the availability of alternative routes.

The recently completed Stilbaai road.



EDITOR'S NOTE



Our provincial roads network is a critical asset of the Western Cape Government. So important is this asset that, in this financial year alone, the Department of Transport and Public Works has allocated R3,588 billion to the construction and maintenance of transport infrastructure. This forms a significant portion of the Department's spending.

A good provincial road system maximises potential economic and social benefits to the people of the province, and improves access to opportunities for all residents. It also provides linkages between regions and communities. A number of our key current road infrastructure projects feature in this edition, as well how these initiatives create short-term job opportunities.

We understand how frustrating motorists find having to

navigate their way through road construction sites. However, delays are inevitable. The end result is always a better and safer travelling experience for all.

The road construction industry is complex, and sometimes unplanned events have a negative effect on communities. We recently had to terminate major project contracts for roads between Ashton and Montagu, and between Oudtshoorn and De Rust due to unforeseen circumstances. Motorists travelling on these roads will experience unavoidable delays until the new contractors complete these projects, and we thank them for their patience.

Byron la Hoe,
Editor



New arrestor bed on Sir Lowry's Pass

We recently completed a R14 million project to construct a new slipway and truck arrestor bed on the downward slope of the N2 near Sir Lowry's Pass Road. This arrestor bed, the first to have been constructed by the Western Cape Government, makes this busy road route safer for all road users. The project, which started in January 2018, included the widening of the N2 to a maximum of 13 metres, and the construction of an 850-metre slipway and arrestor bed. Also, fencing, barrier kerbs and stormwater pipes were installed, culverts were built, and layerworks were done. A total of R543 910 was spent on targeted enterprises, and 1 618 person-days of work were created for people from Sir Lowry's Pass Village.



Upgrade on major Cape Town road

e A R487 million Department of Transport and Public Works project to upgrade a section of the N1 between Platteklouf Road and Old Oak Interchange was halfway done by July 2018. Approximately 120 000 vehicles travel along this stretch of road during the morning inbound and afternoon outbound peak periods. The addition of a third lane in both directions will significantly reduce traffic congestion on one of Cape Town's busiest roads. The project is expected to be complete by April 2019.

Current work in progress includes:

- Pavement rehabilitation on the N1 carriageways;
- Phase 2 median widening and installation of the concrete median barrier;
- Inbound auxiliary lane widening (Durban Road to Jip de Jager Avenue);
- Widening of the Jip de Jager Avenue Interchange and ramps;
- Construction of the Old Oak West Bridge;
- Construction of gabion retaining walls; and
- Intersection upgrading works on the Durban Road Interchange.

x Iprojekthi yeSebe lezoThutho neMisebenzi yoLuntu exabisa izigidi ezingama-R487, eyenzelwa ukuphucula inxalenye yendlela u-N1 phakathi kweendlela ezimbini iPlatteklouf ne-Old Oak Interchange sele kugqitywe umyinge ongama-58% kuyo. Kulindeleke ukuba iprojekthi iyonke igqitywe malunga naphaya kuEpreli ka-2019. Umsebenzi wokufakwa kwesistim elawula oohola bendlela, ifibre optic bank, kwaneWemmershoek ugqityiwe, ngokunjalo nakwi-Old Oak inbound on-ramp, indlela iPlatteklouf Road Interchange, neSigaba soku-1 sokwandisa iileyni zesithathu embindini.

a Die Departement van Vervoer en Openbare Werke se R487 miljoen-projek om 'n gedeelte van die N1 tussen Plattekloufweg en die Old Oak-wisselaar op te gradeer, is 58% voltooi. Na verwagting sal die projek teen April 2019 klaar wees. Die installering van die Snelwegbestuurstelsel, veseloptiesetoerusting en Wemmershoekpyplyn is voltooi, asook die Old Oak-inkomende oprit, Plattekloufweg-wisselaar, en Fase 1 verbreding van die derde bane in die mediaan.

Expect delays

Daily closures are required on the main carriageways for milling out existing surfacing and laying new ultra-thin friction course surfacing. There will be closures on the outbound carriageway until the end of August 2018, again from mid-November until mid-December 2018, and then again from mid-January until the end of February 2019. There will be closures on the inbound carriageway from the end of August 2018 until mid-September, again in the first two weeks of December, and then again from mid-January until mid-March 2019.

The Old Oak Road West Bridge was demolished in May 2017 to make space for new lanes on the N1. The reconstruction of this bridge will cause some discomfort to road users until its completion, which is expected in October 2018. In the meantime, the Old Oak Road East bridge is carrying all northbound and southbound traffic.

Empowerment

As of June 2018, R25 million has been spent on targeted labour while 28 681 person-days of work have been created for people from the City of Cape Town municipal areas bordering on the N1.



The Department of Transport and Public Works is undertaking periodic maintenance on the R341 between De Rust and Uniondale.

PROJECT VALUE R29 million 

COMPLETION DATE MID-2019  Up to **500 vehicles** travel on this road every day 

THE PROJECT INCLUDES:

-  Resealing of 22 km of road;
-  Upgrading of major intersections; and
-  Installation of drains at various locations.

 **11 750 person-days of work*** will be created for local labour from the Eden District Municipality area
**An ideal amount of work done by one person in one working day.*

R7,4 million 
is expected to be spent on targeted businesses in the Western Cape

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The Department of Transport and Public Works is rehabilitating Main Road 352 (Hoekwil Road) and Main Road 355 (Saasveld Road) near Wilderness.

PROJECT VALUE R102 million 

COMPLETION DATE MID-2019  Up to **1 700 vehicles** travel on these roads every day 

THE PROJECT INCLUDES:

-  Addressing a slip failure on Saasveld Road which is hazardous; and
-  The construction of bus stops and sidewalks in Touwsrante.

 **32 000 person-days of work*** will be created for local labour from the George Municipality area.
**An ideal amount of work done by one person in one working day.*

R14 million 
is expected to be spent on targeted businesses in the Western Cape

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Boosting economic growth

Two Department of Transport and Public Works roadworks projects near Saldanha will provide strong linkages between communities and wider economic networks once they reach practical completion. The extension of the R399 near Saldanha to the Port Service Corridor and the construction of a greenfields link between the R45 and R27 have been in progress for months.

R399 project
This R160 million project includes the construction of a new roundabout at the Vredenburg and Saldanha road intersection, a bridge over the railway line, and a new road with a single lane in each direction. In future, this new road could become the eastbound carriageway of a dual carriageway. In addition, a short section of Camp Street will be re-aligned to join this new road.

Greenfields link project
This R280 million project to link the R45 and R27 towards Hopefield includes the dismantling of the Vredenburg weighbridge, construction of road sections and intersections, work on various bridges and culverts, and the construction of a major interchange at the Vredenburg turnoff on the R27.

Photo credit: Terry February (AECOM)

Creating short-term jobs

e The Department is committed to creating short-term Expanded Public Works Programme employment and skills training opportunities. To date, a total of R10,1 million has been spent on targeted enterprises on the R399 project, and R2,3 million on the greenfields project. In addition, 13 330 person-days of work have been created on the R399 project, and 1 198 person-days on the greenfields project for people from the Saldanha Municipality area.

a Die Departement van Vervoer en Openbare Werke is besig met twee padwerk-projekte naby Saldanha; sodra hul praktiese voltooiing bereik het, sal dit sterk verbindings tussen gemeenskappe en die breër ekonomiese netwerke voorsien. Die uitbreiding van die R399 naby Saldanha na die Hawe-diensdeurgang en die konstruksie van 'n braaklandskakel tussen die R45 en R27 is vir maande aan die gang.

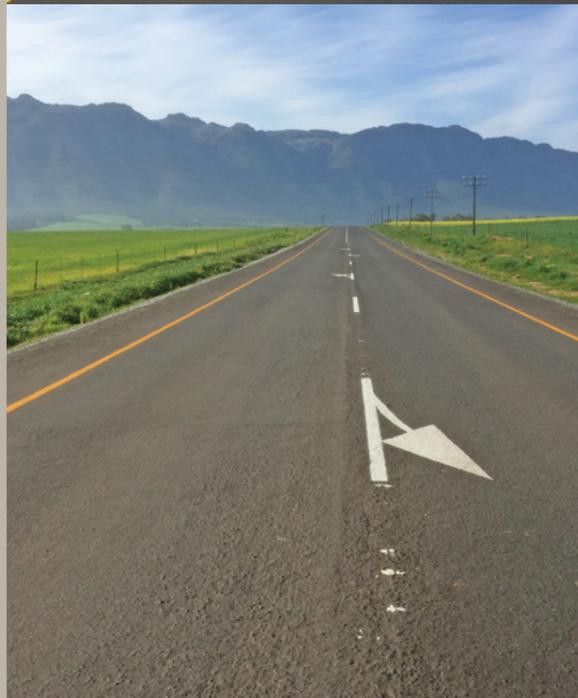
Die R160 miljoen-projek op die R399 sluit die konstruksie van 'n nuwe verkeersirkel by die Vredenburg- en Saldanha-kruising in, asook 'n brug oor die spoorlyn en 'n nuwe pad met 'n enkelbaan in beide rigtings. In die toekoms kan hierdie nuwe pad die ooswaartse rybaan van 'n dubbelpad word. Daarbenewens, sal 'n kort gedeelte van Kampstraat herbely word om by hierdie nuwe pad aan te sluit.

Die R280 miljoen-braaklandprojek om die R45 en R27 na Hopefield te verbind, sluit die sloop van die Vredenburg-weegbrug in, asook konstruksie van pad gedeeltes en kruisings, werk aan verskeie brûe en duikslote en die konstruksie van 'n hoofkruising by die Vredenburg-afdraai na die R27.

Completed projects in 2018

GRABOUW/ VILLIERSDORP ROADWORKS PROJECT

We have completed a project to reseal the R45 and R321 between Villiersdorp and Grabouw. This R110 million project started in March 2017, and included surface repairs and work to stabilise the shoulders of the road, and the construction of passing lanes in places. Improvements include the installation of guardrails and stone pitching alongside the Nuweberg Dam; the installation of studs at the Eikenhof intersection; and road marking on the completed sections in Grabouw (R321). A major challenge for the construction team has been cleaning sand off the road during winter. For this reason, the road has to be closed for sweeping operations when necessary. We thank motorists for their patience. During the course of this project, a total of R9,2 million was spent on targeted enterprises and 26 000 person-days of work were created for people from the Theewaterskloof Municipality area.



GORDON'S BAY SCENIC ROUTE

We have completed periodic maintenance on the R44 between Rooi Els and Gordon's Bay. This R50 million project started in September 2017 and included crack sealing, patching, asphalt overlays, and repairs to culverts and gabions. Motorists are now able to travel on a much improved resurfaced road that previously had severe cracks in places. Over the last few months, this scenic route was used extensively by motorists due to closures on the N2 at Sir Lowry's Pass, and protests on other routes in the Overberg district. During the course of the project, a total of R5,6 million was spent on targeted enterprises and 5 000 person-days of work were created for people from the Helderberg area.

R44 BETWEEN PORTERVILLE AND PIKETBERG

We have completed a project to rehabilitate the R44 between Porterville and Piketberg. This R170 million project started in November 2016 and included repair and resurfacing work, upgrading of intersections, the widening of the road, as well as widening of drainage structures along the route, including the Essenbosch and Krom River bridges. During the course of this project, a total of R27 million was spent on targeted enterprises and 41 462 person-days of work were created for people from the Berg River Municipality area.

Projects in progress

ROADWORKS IN THE GOUDA AREA

The Department of Transport and Public Works is making good progress with rehabilitating sections of the R44 between Gouda and Porterville. This R190 million project is expected to have been completed in mid-2019. Work includes the re-alignment, widening and resurfacing of the road; the rehabilitation of several bridges and other structures; and upgrading access to Gouda. During the course of this project, a total of R17 million will be spent on targeted enterprises and 30 000 person-days of work will be created for people from the Cape Winelands Municipality area.



ROBERTSON-BONNIEVALE ROADWORKS

A plan is in place to make up for lost time on a Department of Transport and Public Works project to rehabilitate the R317 between Robertson and Bonnievale. This R205 million project started in January 2017 and is expected to be complete by the end of the year. The road was constructed over 40 years ago and had reached the end of its operational life. A total of 13 km is being rehabilitated, and safety is being improved by widening the road and the Cogmanskloof Bridge. Other work currently under way includes the rebuilding and replacement of culverts, the reconstruction of 5 km of road through the centre of Bonnievale, and the installation of sewer and water services. To date, the contractor has created over 50 000 person-days of work, and spent R21,7 million on targeted enterprises.



IMPROVEMENTS IN HARTENBOS/ GROOT-BRAKRIVIER AREA

The project is expected to better accommodate the growth in traffic volumes experienced in the past and expected as a result of the increase in the number of residences in the immediate vicinity.

Good progress is being made on a R182 million project to upgrade the portion of MR344 (R102) between Hartenbos and Groot-Brakrivier, as well as the portion of DR1578 between Tergniet and Wolwedans. The project is expected to be completed by mid-2020. This is necessary as these roads have reached the end of their design lives. Work includes a roundabout at an intersection on the R102; repairs to bridge structures; and the upgrading of culverts and street lighting. The project is expected to better accommodate the growth in traffic volumes experienced in the past and expected as a result of the increase in the number of residences in the immediate vicinity. It will also provide a continuously surfaced link between the communities of Wolwedans and Tergniet. This road carries high volumes of heavy vehicles that serve the industrial developments located along the road. During the course of this project, a total of R17 million will be spent on targeted enterprises, R3 million on targeted local labour, and 36 000 person-days of work will be created for people from the Mossel Bay Municipality area.



Intelligent Transport Information Hub

Bringing planning, regulation and law enforcement together

In June 2018, the Branch: Transport Management in the Department of Transport and Public Works hosted a live demonstration showcase of the significant progress made with the Intelligent Transport Information Hub (ITIH) since its inception in 2016. Those in attendance were shown how data about the inextricably linked aspects of transport regulation, planning, operations and enforcement can be effectively integrated in one system to improve effectiveness and efficiency, and to improve reporting against Annual Performance Plan targets.

Prior to the ITIH project, information was held in silos, with multiple datasets, old technology, and a lack of integrated systems across the Branch. Over the last year, numerous sub-systems have been upgraded or developed; data has been cleaned; technology has been procured for public transport monitoring and law enforcement; and a purpose-built data warehouse is under development. Specific data is being fed into the central data warehouse to be used: 1) operationally, for planning and reporting purposes; and 2) for real-time “war room” style control centres, such as for law enforcement, or contract monitoring.

High-quality provincial roads in the Western Cape

EXPECTED CONSTRUCTION AND MAINTENANCE EXPENDITURE PER DISTRICT MUNICIPALITY AREA FOR THE FIVE-YEAR PERIOD 2018/19 TO 2022/23

West Coast:

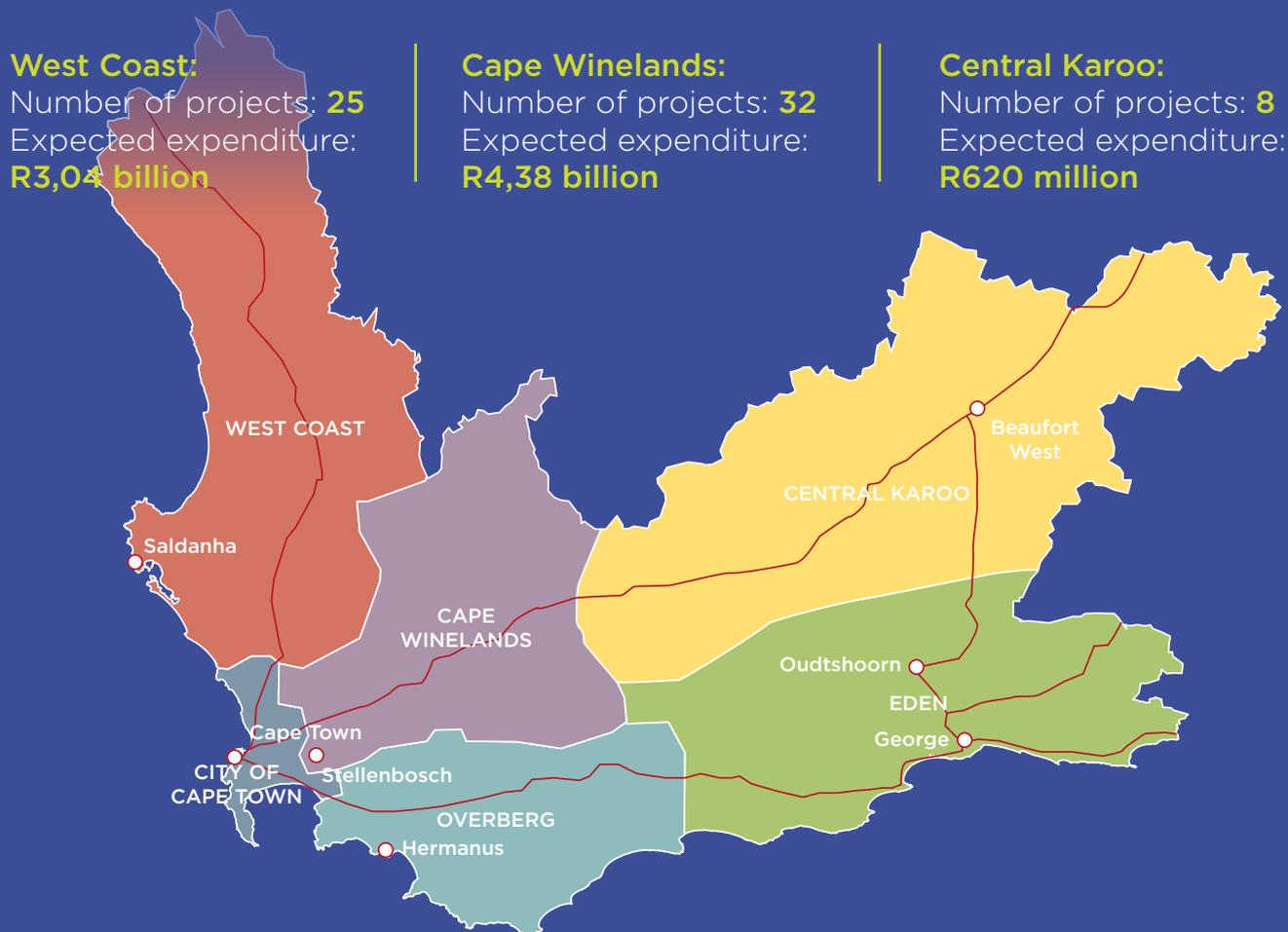
Number of projects: **25**
Expected expenditure: **R3,04 billion**

Cape Winelands:

Number of projects: **32**
Expected expenditure: **R4,38 billion**

Central Karoo:

Number of projects: **8**
Expected expenditure: **R620 million**



City of Cape Town:

Number of projects: **23**
Expected expenditure: **R4,08 billion**

Overberg:

Number of projects: **11**
Expected expenditure: **R1,33 billion**

Eden:

Number of projects: **33**
Expected expenditure: **R2,5 billion**



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