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TOLL TARIFFS AND DISCOUNT STRUCTURE

GAUTENG FREEWAY IMPROVEMENT PROJECT (GFIP) E-TOLL TARIFFS

Traffic on Gauteng's freeways are steadily increasing, thereby creating more congestion and stunting the growth of the economy. Peak hours are extended with approximately 15 minutes every year and roads are exceeding their life span. These were some of the challenges facing the South African National Roads Agency Limited (SANRAL) to deliver on their mandate and contribute to the development of South Africa.

SANRAL, an agency of the Ministry of Transport is mandated to manage the national road network in South Africa and needed to develop a solution to meet these challenges.

In accordance with Government policy SANRAL has two revenue streams: one, from the National Treasury for non-toll roads (81% of the network) and the second, to selectively use the 'user-pay' principle to fund the toll road network (19% of the network). Although there has been a steady increase in fund allocations from the fiscus (national fund) over the past few years, there has also been an increase in the roads incorporated from the provincial into the non-toll national road network. SANRAL manages approximately 16150km of national roads. The increasing costs of materials have also eroded the gains made. These costs are affected by the price of fuel, plant, labour, and civil-engineering materials and the volatile price of bitumen.

During the planning phase of the GFIP, feasibility studies were undertaken to ensure that all possible implementation scenarios and the impact of the implementation of the project were considered. The developmental challenges that South Africa faced, required SANRAL to look at making use of the 'user-pay' principle to fund the project. South Africa is not alone in using the 'user-pay' principle. The trend in many developed and developing countries is to fund infrastructure – whether new or aging- through the use of the 'user-pay' principle. To do-nothing was also not an option for the GFIP, as it would have further exacerbated the congestion and cost to the economy.

The first phase of the GFIP is nearing completion. By mid 2011, SANRAL will be collecting toll on the GFIP e-toll network for the re-payment of the loans undertaken in order to provide the much needed infrastructure, as well as for future operation, maintenance and upgrades of these roads.



BENEFITS OF THE NEW GFIP INFRASTRUCTURE

A new and improved system that gives road users a smoother, faster and safer journey, with reduced congestion, has been achieved by:

- The widening of the freeways to four, and in some instances up to six lanes in each direction.
- Upgrading a total of 34 interchanges.
- Providing median lighting and Intelligent Transport Systems (ITS) on 185km of road on the Gauteng e-toll network.
 - Variable Messaging Signs (VMS), Close Circuit Television (CCTV) cameras and Incident Management Services (IMS).
 - With VMS, SANRAL is able to warn road-users of incidents and assist drivers with en-route, up-to-date information.
 - CCTV cameras shorten the time it takes to report an incident, greatly reducing the response time of emergency services.
 - Improving the IMS reduces the impact of congestion delays, as well as providing time-critical medical assistance sooner.

GAUTENG'S E-TOLL

Gauteng's e-toll will be operating as an Open Road Tolling (ORT) system. This form of Electronic Toll Collection (ETC) is a multi-lane free flow system that allows for tolls to be charged without vehicles having to stop or slow down. There are no physical toll booths. Overhead gantries are fitted with the toll collection equipment that will recognise the vehicle identifier (electronic transponder (e-tag) in a vehicle and /or the vehicle number plate), toll will be deducted from a user's registered e-toll account associated with the vehicle identifier and the user will be able to travel without any disruption.



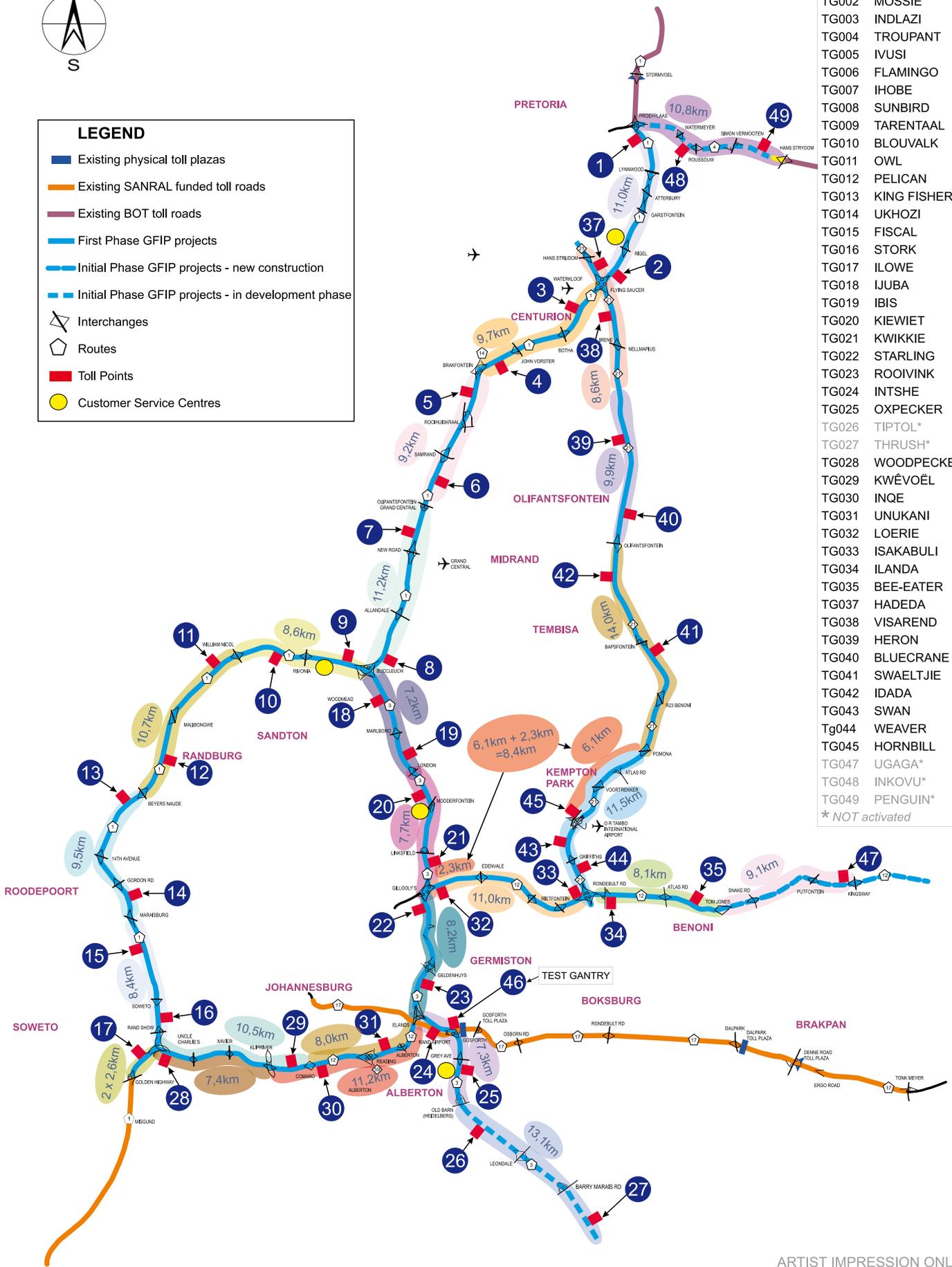
LEGEND

- Existing physical toll plazas
- Existing SANRAL funded toll roads
- Existing BOT toll roads
- First Phase GFIP projects
- Initial Phase GFIP projects - new construction
- Initial Phase GFIP projects - in development phase
- Interchanges
- Routes
- Toll Points
- Customer Service Centres

GANTRIES

- TG001 BARBET
- TG002 MOSSIE
- TG003 INDLAZI
- TG004 TROUPANT
- TG005 IVUSI
- TG006 FLAMINGO
- TG007 IHOBE
- TG008 SUNBIRD
- TG009 TARENATAAL
- TG010 BLOUVALK
- TG011 OWL
- TG012 PELICAN
- TG013 KING FISHER
- TG014 UKHOZI
- TG015 FISCAL
- TG016 STORK
- TG017 ILOWE
- TG018 JUBA
- TG019 IBIS
- TG020 KIEWIET
- TG021 KWIKKIE
- TG022 STARLING
- TG023 ROOIVINK
- TG024 INTSHE
- TG025 OXPECKER
- TG026 TIPTOL*
- TG027 THRUSH*
- TG028 WOODPECKER
- TG029 KWÉVOËL
- TG030 INQE
- TG031 UNUKANI
- TG032 LOERIE
- TG033 ISAKABULI
- TG034 ILANDA
- TG035 BEE-EATER
- TG037 HADEDA
- TG038 VISAREND
- TG039 HERON
- TG040 BLUECRANE
- TG041 SWAELTJIE
- TG042 IDADA
- TG043 SWAN
- TG044 WEAVER
- TG045 HORNBILL
- TG047 UGAGA*
- TG048 INKOVU*
- TG049 PENGUIN*

* NOT activated



E-TOLL REGISTRATION



REGISTRATION PROCESS

Gauteng road users will have the option to be recognised by their vehicle license number (VLN) or by an e-tag, when registering their vehicle for e-tolling. However, if you want to enjoy the benefits of all the applicable discounts, you should install and use an e-tag in your vehicle.

e-Toll account registration will be user friendly and road users will have the option to register;

- o at the e-toll Customer Service website, www.sanral.co.za;
- o at an e-toll Customer Service kiosk located at a mall;
- o at an e-toll Customer Services centre situated along the freeway network;
- o contacting the e-toll Call Centre; or
- o buying an e-tag at conveniently located retail outlets.
(similar to the well known cell phone starter pack)

Locations of the registration points will be available on www.sanral.co.za once registration commences.

The full amount of the purchase price of an e-tag is credited to the road user's e-toll account, upon registration, which means the e-tag is effectively free to road users. The purchase price of the e-tag will therefore be used to set-off toll fees on the road user's e-toll account.

Road users will have the option to link their e-toll account directly to their credit card. If so elected, the toll transactions for the day will be rolled up and the e-toll account topped-up from the road user's credit card account.

If a user elects to have a pre-paid account, top-up of the account can take place by various payment channels, including electronic fee transfer (EFT), debit orders, at retailers (similar to the purchase of air-time). Users can also top-up their account at dedicated e-toll customer service centres/kiosks. Locations of customer service centres/kiosks are available on the SANRAL website www.sanral.co.za

Bakwena e-tag holders do not need a new e-tag, as it will work on the Gauteng e-toll system once the system is operational. However, these users will need to re-register their account details with SANRAL. Initially newly registered Gauteng e-toll account holders will be unable to make use of Bakwena's e-tag lanes. Road users will be informed, when they can use the e-tag, issued as part of the GFIP e-toll network at the Bakwena e-tag lanes.

In future e-Tags can be used at any toll plaza/point that display the e-tag symbol. Therefore, as more electronic tolling is implemented countrywide at existing or new toll plazas, users do not need to set up a new or additional account.

WHEN TO REGISTER

SANRAL will announce the opening of registration in the media. All details with regard to the e-toll registration points, including a list of the retail outlets where e-tags can be obtained, will be communicated to the road user.

HOW DOES THE TOLL TARIFFS WORK?

Tolls are raised per gantry. So each time a vehicle pass underneath a gantry, toll is charged. The cost per gantry is determined by the kilometer distance which the toll point/gantry represents. The toll tariff is calculated by multiplying this distance with the cents per kilometre rate. This type of toll strategy, introduced for the GFIP, is referred to as a directional toll strategy, meaning that at a specific position only one direction of the route is tolled. Various toll strategies were investigated during the development phase of the project. A closed toll strategy, would have resulted in the construction of gantries (toll points) at every on- and off- ramp, at every interchange which would have resulted in an increase in construction and operational costs. The directional toll strategy selected for GFIP was found to be the most equitable for the road user.

The practical implications of this toll strategy are that, in some instances road users might travel on the tolled route, but exit the system, before passing a gantry (toll point), which would mean a 'free ride'. But, on the return trip, road user might pass a gantry (toll point) for which they will be charged, thus balancing the cost. Some road users might enter the system just for a short distance, before a gantry (toll point) and the full gantry (toll point) cost would apply, even though he/she did not travel the whole section of road. Road users may also enter the road network and exiting it, without going through a tolling point at all.

WHAT HAPPENS TO VISITORS FROM OUTSIDE GAUTENG?

Any road user can set up an e-toll account, from anywhere in South Africa via the e-toll customer service website, or by calling the e-toll call centre. Visitors can also visit any of the e-toll Customer Service centres/kiosks during their visit.

Visitors can contact any of these facilities after their visit. However, in order to minimize the toll payments, contact should be made within seven days after the first toll transaction occurred.

WHAT IF I DO NOT PAY MY TOLL?

Road users will be invoiced.

In the event of non-payment of toll, debt collection fees will be added to the toll tariff, a debt collection process and/or a prosecution process will commence.

24 hour on-road enforcement will be in place.

A USER FRIENDLY TOLL CALCULATOR IS AVAILABLE ON WWW.SANRAL.CO.ZA/TOLLCALC

HOW DOES THE TOLL CALCULATOR CALCULATE YOUR TOLL?

YOU WOULD NEED TO:

- Step 1** choose the Interchanges where you will enter and exit the Gauteng e-toll network.
- Step 2** identify your vehicle class (A1, A2, B or C), what day and time you will be travelling, and if you will be using an e-tag, or can qualify as public transport operator.
- Step 3** in case you want to calculate the toll for multiple journeys, choose the number of journeys you will be making, and during which time periods they will take place.
- Step 4** shows the results of the calculation in terms of distance travelled, total discount and estimated toll, including discounts.

HOW DOES THE SYSTEM WORK FOR REGISTERED USERS?

As you drive along the GFIP e-toll network:

- Your e-tag will "beep" as you pass beneath the gantry structures.
- Cameras photograph your vehicle's front and back number plates.
- Equipment on the gantry recognises your registered e-tag (if any).
- The toll collection equipment identifies the class of your vehicle, based on the dimensions of the vehicle.
- Your toll transaction is recorded and the account is authenticated.
- Fees are automatically deducted from your e-toll account, with an e-tag.
- All transactions are monitored, authorised and recorded by a clearing house.
- Details of your transactions (invoices and statements) are available online within hours of your trip, unless manual verification is required, then it will be available online the following day.
- Electronic Best Practice security, ensures the security of your personal and financial details.
- SANRAL will never contact you for your banking details and/or PIN number, unless contact was requested by you.



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Tolling Point (Gantry)	Tolling Distance	Class A1 VLN Toll fee	Class A1 E-TAG Toll fee	Class A2 VLN Toll fee	Class A2 E-TAG Toll fee	Class B VLN Toll fee	Class B E-TAG Toll fee	Class C VLN Toll fee	Class C E-TAG Toll fee
TG001, Barbet	11,5km	R4.60	R3.45	R7.59	R5.69	R22.77	R17.08	R45.54	R34.16
TG002, Mossie	11,5km	R4.60	R3.45	R7.59	R5.69	R22.77	R17.08	R45.54	R34.16
TG003, Indlizi	9,7km	R3.88	R2.91	R6.40	R4.80	R19.20	R14.40	R38.40	R28.80
TG004, Troupant	9,7km	R3.88	R2.91	R6.40	R4.80	R19.20	R14.40	R38.40	R28.80
TG005, Ivusi	9,2km	R3.68	R2.76	R6.07	R4.55	R18.21	R13.66	R36.42	R27.32
TG006, Flamingo	9,2km	R3.68	R2.76	R6.07	R4.55	R18.21	R13.66	R36.42	R27.32
TG007, Ithobe	11,2km	R4.48	R3.36	R7.39	R5.54	R22.17	R16.63	R43.34	R33.26
TG008, Sunbird	11,2km	R4.48	R3.36	R7.39	R5.54	R22.17	R16.63	R43.34	R33.26
TG009, Tarentaal	8,6km	R3.44	R2.58	R5.68	R4.26	R17.04	R12.78	R34.08	R25.56
TG010, Blouvalk	8,6km	R3.44	R2.58	R5.68	R4.26	R17.04	R12.78	R34.08	R25.56
TG011, Owl	10,7km	R4.28	R3.21	R7.06	R5.30	R21.18	R15.89	R42.36	R31.77
TG012, Pelican	10,7km	R4.28	R3.21	R7.06	R5.30	R21.18	R15.89	R42.36	R31.77
TG013, King Fisher	9,5km	R3.80	R2.85	R6.27	R4.70	R18.81	R14.11	R37.62	R28.22
TG014, Ukhozi	9,5km	R3.80	R2.85	R6.27	R4.70	R18.81	R14.11	R37.62	R28.22
TG015, Fiscal	8,4km	R3.36	R2.52	R5.54	R4.16	R16.62	R12.47	R33.24	R24.93
TG016, Stork	8,4km	R3.36	R2.52	R5.54	R4.16	R16.62	R12.47	R33.24	R24.93
TG017, Ilowe	5,2km	R2.08	R1.56	R3.43	R2.57	R10.29	R7.72	R20.58	R15.44

* All Toll Fees Inclusive of VAT

N3

Tolling Point (Gantry)	Tolling Distance	Class A1 VLN Toll fee	Class A1 E-TAG Toll fee	Class A2 VLN Toll fee	Class A2 E-TAG Toll fee	Class B VLN Toll fee	Class B E-TAG Toll fee	Class C VLN Toll fee	Class C E-TAG Toll fee
TG018, Ijuba	7,2km	R2.88	R2.16	R4.75	R3.56	R14.25	R10.69	R28.50	R21.38
TG019, Ibis	7,2km	R2.88	R2.16	R4.75	R3.56	R14.25	R10.69	R28.50	R21.38
TG020, Kiewiet	7,7km	R3.08	R2.31	R5.08	R3.81	R15.24	R11.43	R30.48	R22.86
TG021, Kwikkie	7,7km	R3.08	R2.31	R5.08	R3.81	R15.24	R11.43	R30.48	R22.86
TG022, Starling	8,2km	R3.28	R2.46	R5.41	R4.06	R16.23	R12.17	R32.46	R24.35
TG023, Rooivink	8,2km	R3.28	R2.46	R5.41	R4.06	R16.23	R12.17	R32.46	R24.35
TG024, Intshe	7,3km	R2.92	R2.19	R4.82	R3.62	R14.46	R10.85	R28.92	R21.69
TG025, Oxpecker	7,3km	R2.92	R2.19	R4.82	R3.62	R14.46	R10.85	R28.92	R21.69
TG026, Tiptol*	13,1km	R5.24	R3.93	R8.65	R6.49	R25.95	R19.46	R51.90	R38.93
TG027, Thrush*	13,1km	R5.24	R3.93	R8.65	R6.49	R25.95	R19.46	R51.90	R38.93

VLN Toll Fee: Full posted tariffs for users that make use of their vehicle license plate (VLN) as an identifier for toll transactions

E-TAG Toll Fee: Discounted rate for road users that have a valid and working E-Tag fitted to their vehicle

DISCOUNT STRUCTURE

Road users are required to set up an account with SANRAL for the payment of toll fees on the GFIP e-toll network. A user may elect to have their vehicle identified by means of the Vehicle License Number (VLN) or by means of an electronic tag (e-tag). Users should, however, note that the full spectrum of applicable discounts are only available if the vehicle is fitted with a valid working e-tag.

Discounts are applied per individual vehicle. A vehicle may qualify for any one or a combination of the discounts, in which case, the discounts are added together.

E-TOLL TAG DISCOUNTS: A 25% discount will be available for those users that register an e-toll tag account and install the e-tag in their vehicle, in order for the e-tag to be used as the identifier for the electronic toll transactions. This discount is available for all vehicle classes.

PERIOD DISCOUNTS: The following additional discounts (also known as "Time of Day" discounts) for the hours of the days shown below will be applied to all vehicle classes, including motorcycles for both e-toll tag and Vehicle Licence Number (VLN) account holders.

WEEKDAYS (Monday to Friday except statutory public holidays)	WEEKENDS (Saturday and Sunday except statutory public holidays)
05:00 to 05:59 (inclusive) ➤ 10%	18:00 to 05:59 (inclusive) ➤ 25%
06:00 to 09:59 (inclusive) ➤ 0%	06:00 to 17:59 (inclusive) ➤ 15%
10:00 to 13:59 (inclusive) ➤ 5%	STATUTORY PUBLIC HOLIDAYS
14:00 to 17:59 (inclusive) ➤ 0%	
18:00 to 22:59 (inclusive) ➤ 10%	
23:00 to 04:59 (inclusive) ➤ 25%	All day ➤ 25%

PUBLIC TRANSPORT OPERATOR DISCOUNT: A Public Transport Operator Discount of 50% will be applied to all vehicle classes, only for registered e-toll tag account holders, for trips undertaken by a public transport vehicle. A vehicle will qualify for this discount if it provides commuter public transport services, and has a valid public transport operating license in terms of the applicable legislation.

Public transport vehicles that qualify for the Public Transport Operator Discount, cannot also qualify for Frequent User Discounts. However, it will qualify for the applicable "time-of-day", weekend and public holiday, discount, as well as the e-toll tag discount.

FREQUENT USER DISCOUNT: the following frequent user discounts, only for registered e-toll tag account holders, shall be applied to light vehicles (class A1 and A2), only.

Enquiries: info@nra.co.za

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Tolling Point (Gantry)	Tolling Distance	Class A1 VLN Toll fee	Class A1 E-TAG Toll fee	Class A2 VLN Toll fee	Class A2 E-TAG Toll fee	Class B VLN Toll fee	Class B E-TAG Toll fee	Class C VLN Toll fee	Class C E-TAG Toll fee
TG028, Woodpecker	7,4km	R2.96	R2.22	R4.88	R3.66	R14.64	R10.98	R29.28	R21.96
TG029, Kwevoel	10,5m	R4.20	R3.15	R6.93	R5.20	R20.79	R15.59	R41.58	R31.19
TG030, Inqe	11,2km	R4.48	R3.36	R7.39	R5.54	R22.17	R16.63	R44.34	R33.26
TG031, Unukani	8,0km	R3.20	R2.40	R5.28	R3.96	R15.84	R11.88	R31.68	R23.76
TG032, Loerie	11,0km	R4.40	R3.30	R7.26	R5.45	R21.78	R16.34	R43.56	R32.67
TG033, Isakabuli	11,0km	R4.40	R3.30	R7.26	R5.45	R21.78	R16.34	R43.56	R32.67
TG034, Ilanda	8,1km	R3.24	R2.43	R5.35	R4.01	R16.05	R12.04	R32.10	R24.08
TG035, Bee-eater	8,1km	R3.24	R2.43	R5.35	R4.01	R16.05	R12.04	R32.10	R24.08

* All Toll Fees Inclusive of VAT

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Tolling Point (Gantry)	Tolling Distance	Class A1 VLN Toll fee	Class A1 E-TAG Toll fee	Class A2 VLN Toll fee	Class A2 E-TAG Toll fee	Class B VLN Toll fee	Class B E-TAG Toll fee	Class C VLN Toll fee	Class C E-TAG Toll fee
TG037, Hadeda	8,6km	R3.44	R2.58	R5.68	R4.26	R17.04	R12.78	R34.08	R25.56
TG038, Visarend	8,6km	R3.44	R2.58	R5.68	R4.26	R17.04	R12.78	R34.08	R25.56
TG039, Heron	9,9km	R3.96	R2.97	R6.53	R4.90	R19.59	R14.69	R39.18	R29.39
TG040, Bluecrane	9,9km	R3.96	R2.97	R6.53	R4.90	R19.59	R14.69	R39.18	R29.39
TG041, Swaeltjie	14,0km	R5.60	R4.20	R9.24	R6.93	R27.72	R20.79	R55.44	R41.58
TG042, Idada	14,0km	R5.60	R4.20	R9.24	R6.93	R27.72	R20.79	R55.44	R41.58
TG043, Swan	11,5km	R4.60	R3.45	R7.59	R5.69	R22.77	R17.08	R45.54	R34.16
TG044, Weaver	11,5km	R4.60	R3.45	R7.59	R5.69	R22.77	R17.08	R45.54	R34.16
TG045, Hornbill (P119-1)	12,2km	R4.88	R3.66	R8.05	R6.04	R24.15	R18.11	R48.30	R36.23
TG047, Ugaga*	9,1km	R3.64	R2.73	R6.01	R4.51	R18.02	R13.52	R36.06	R27.05
TG048, Inkovu*	10,8km	R4.32	R3.24	R7.13	R5.35	R21.39	R16.04	R42.78	R32.09
TG049, Penguin*	10,8km	R4.32	R3.24	R7.13	R5.35	R21.39	R16.04	R42.78	R32.09

* NOT ACTIVATED

* All Toll Fees Inclusive of VAT

Cumulative tolls (after all discounts) for the calendar month prior to current gantry pass	Discount for each gantry pass in the category*
0 – R100	0%
R100 – R200	2,5%
R200 – R380	7,5%
R380 – R550	15,0%
R550 – R700	25,0%
R700 – R830	37,5%
R830 – R940	45,0%
R940	50,0%

* Frequent User Discount applied for a trip in the corresponding cost band

Therefore, the cost of toll during a month, from one e-toll account, will trigger different percentages of discounts in addition to any other discounts obtained, once the threshold of the next frequent user discount band is reached. All the transactions taking place in that specific discount band will therefore get the applicable discount as set out in the table above.

NON-PAYMENT OF TOLL TARIFF: The non-payment of Toll Tariff will result in additional costs such as, the levying of administrative fees, fines and/or prosecution in terms of applicable legislation.

Frequent User Discount, e-Toll Tag Discounts and Public Transport Operator Discounts will be forfeited in the case of the non-payment of Toll Tariffs within the prescribed time period.

NEW CLASSIFICATIONS

A new volumetric vehicle classification will be implemented for the Gauteng Open Road Tolling (ORT) Project and will be applicable to all future ORT systems on the national road network.

GAUTENG ORT VEHICLE CLASSIFICATION SYSTEM

CLASS	DESCRIPTION	DIMENSIONS (VOLUMETRIC MEASURE)
A1	Motorcycles	Total vehicle length < 3.0m, width < 1.3m and height < 2.5m
A2	Light vehicles (excluding motorcycles)	Vehicle length (excluding trailer) < 6.0m and Vehicle height (excluding trailer) < 2.5m Note: trailers with a tow bar are allowed and are excluded from the dimensions for light vehicles indicated above
B	Small heavy vehicles (As per the specified volume and not a class A2 vehicle)	Total vehicle length, inclusive of any trailer >= 6m and < 12.5m or Total vehicle length, inclusive of any trailer < 6m and height >= 2.5m
C	Large heavy vehicles (As per the specified volume and not a class A2 vehicle)	Total vehicle length, inclusive of any trailer >= 12.5m