



SCHEDULE "8"

CITY OF EKURHULENI

TARIFFS: ROAD RELATED SERVICE PROVISIONS

In terms of section 75A of the Local Government: Municipal Systems Act, Act 32 of 2000 the City of Ekurhuleni at a meeting held on **23rd May 2019**, resolved to amend its Tariffs for Road Related Service Provisions with effect from **01 July 2019** as follows:

Table 1: City of Ekurhuleni Roads Related Tariffs (subject to CPI/ Escalation):

| Description | Unit | Tariff (VAT Incl. @14%) 2018/2019 | Tariff (VAT Incl. @15%) 2019/20 |
|--------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|------------------------------------|
| The Provision of Driveway Entrances | Fixed Charge | R2055.00 | R2160.00 |
| | Metre | R515.00 | R540.00 |
| The Repair / Replacement of Kerbing | Metre | R690.00 | R725.00 |
| Tar Surface Repairs | m ² | R625.00 | R655.00 |
| The Repair / Provision of block paving | m ² | R385.00 | R405.00 |
| The Repair / Provision of brick paving | m ² | R385.00 | R405.00 |
| Installation of a Speed hump (per running meter along the width including road traffic signs and marks and Labour) | m | New | R1990.00 |
| Laying of grass/lawn | m ² | New | R75.00 |

Table 2: City of Ekurhuleni tariffs used for the calculation of Roads and Stormwater External Engineering Services Contributions (subject to CPI/ Escalation):

| Table 2a: Land Value Cost tariffs used in the calculation of Roads and Stormwater External Engineering Services Contributions | | | | |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| Area | Escalated Value of Land per hectare | Escalated Value of Land for Class 1 to 3 roads (32 meter wide reserve) | Escalated Value of Land for Class 4 roads (20 meter wide reserve) | Escalated Value of Land for Class 5 roads (16 meter wide reserve) |
| Northern Region | 2,764,656 | 8,846,899 | 5,529,312 | 4,423,449 |
| Southern Region | 2,303,880 | 7,372,416 | 4,607,760 | 3,686,208 |
| Eastern Region | 1,843,104 | 5,897,932 | 3,686,208 | 2,948,966 |
| Other | 921,552 | 2,948,966 | 1,843,104 | 1,474,483 |

| Table 2b: Construction Value Cost tariffs used in the calculation of Roads and Stormwater External Engineering Services Contributions | |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| Road Class | Escalated Cost per Kilometer |
| Class 3 roads (4 lanes @ 3.5 meter width lanes): Capacity Component | 19,038,984 |
| Class 3 roads: Strength Component | 2,475,999 |
| Class 4 (9 meter wide) | 7,893,552 |
| Class 5 (7 meter wide) | 5,694,904 |

Table 3: Traffic Engineering Parameters: Trip Lengths parameters used in the calculation of Roads and Stormwater External Engineering Services Contributions. (NOT subject to CPI/ Escalation):

These parameters are mostly obtained from a manual published by The South African National Roads Agency Limited, which manual is compiled under the auspices of the Roads Coordinating Body (RCB) of the Committee of Transport Officials (COTO). The manual title is the TMH 17: Volume 1: South African Trip Data Manual. This manual is only reviewed from time to time when new studies have suggested amended parameters.

| Land Uses and Codes | | | | Trip Lengths | | | | | | |
|---------------------|------------------------------|-----------|---------------------|---------------------|------------------------|----------------------|--------------------|------------------------|----------|--------------------|
| | | | Land Use Size Units | Total trip | Half trip | Class 4/5 | Non- | Adj Trip | | Size Adjustment |
| | | Size | Base | Length | Length | Half trip | Municipal | Length | | 1-A/(1+sqm Size/B) |
| | Land Use | Units | Size | L _T (km) | L _T /2 (km) | P ₄₅ (km) | P _N (%) | L _D /2 (km) | Factor A | Factor B |
| 100 | Industrial | | | | | | | | | |
| 110 | Service Industry | sqm GLA | 100 | 12.00 | 6.00 | 1.25 | 50% | 1.75 | | |
| 120 | Heavy Industry/Manufacturing | sqm GLA | 100 | 15.00 | 7.50 | 1.25 | 50% | 2.50 | | |
| 121 | Mining | Employees | 1 | 15.00 | 7.50 | 1.25 | 50% | 2.50 | | |
| 130 | Industrial Area | sqm GLA | 100 | 15.00 | 7.50 | 1.25 | 50% | 2.50 | | |
| 140 | Manufacturing | sqm GLA | 100 | 15.00 | 7.50 | 1.25 | 50% | 2.50 | | |

| Land Uses and Codes | | | | Trip Lengths | | | | | | |
|---------------------|---------------------------------------------------|---------|---------------------|---------------------|------------------------|----------------------|--------------------|------------------------|----------|--------------------|
| | | | Land Use Size Units | Total trip | Half trip | Class 4/5 | Non- | Adj Trip | | Size Adjustment |
| | | Size | Base | Length | Length | Half trip | Municipal | Length | | 1-A/(1+sqm Size/B) |
| | Land Use | Units | Size | L _T (km) | L _T /2 (km) | P ₄₅ (km) | P _N (%) | L _D /2 (km) | Factor A | Factor B |
| 150 | Warehousing and distribution | sqm GLA | 100 | 15.00 | 7.50 | 1.25 | 50% | 2.50 | | |
| 151 | Mini-Warehousing | sqm GLA | 100 | 10.00 | 5.00 | 1.00 | 40% | 2.00 | | |
| 200 | Residential | | | | | | | | | |
| 210 | Single Dwelling Unit | D/Unit | 1 | 8.50 | 4.25 | 1.00 | 40% | 1.55 | | |
| 220 | Apartments and Flats | D/Unit | 1 | 5.00 | 2.50 | 0.75 | 30% | 1.00 | | |
| 225 | Student Apartments and Flats | D/Unit | 1 | 3.00 | 1.50 | 0.60 | 20% | 0.60 | | |
| 231 | Townhouses (Simplexes and Duplexes) | D/Unit | 1 | 7.50 | 3.75 | 1.00 | 40% | 1.25 | | |
| 232 | Multi-Level Townhouses | D/Unit | 1 | 7.00 | 3.50 | 1.00 | 40% | 1.10 | | |
| 251 | Retirement Village | D/Unit | 1 | 5.50 | 2.75 | 1.00 | 30% | 0.92 | | |
| 254 | Old-Age Home | D/Unit | 1 | 5.50 | 2.75 | 1.00 | 30% | 0.92 | | |
| 260 | Recreational Homes | D/Unit | 1 | 10.00 | 5.00 | 1.50 | 40% | 1.50 | | |
| 300 | Lodging | | | | | | | | | |
| 310 | Hotel (Residential) | Room | 1 | 7.00 | 3.50 | 1.00 | 40% | 1.10 | | |
| 330 | Hotel (Resort) | Room | 1 | 8.00 | 4.00 | 1.00 | 50% | 1.00 | | |
| 350 | Guest House | Room | 1 | 6.00 | 3.00 | 1.00 | 35% | 0.95 | | |
| 400 | Recreational and Sport | | | | | | | | | |
| 430 | Golf Course | Course | 1 | 13.00 | 6.50 | 1.00 | 45% | 2.58 | | |
| 473 | Casino | sqm GLA | 100 | 14.00 | 7.00 | 1.00 | 50% | 2.50 | | |
| 480 | Amusement Park | ha | 1 | 12.00 | 6.00 | 1.00 | 50% | 2.00 | | |
| 488 | Sport Stadium | Seat | 1000 | 12.00 | 6.00 | 1.00 | 50% | 2.00 | | |
| 492 | Health and Fitness Centre | sqm GLA | 100 | 5.00 | 2.50 | 0.75 | 30% | 1.00 | | |
| 500 | Institutional | | | | | | | | | |
| 520 | Public Primary School | Student | 1 | 4.00 | 2.00 | 1.00 | 25% | 0.50 | | |
| 530 | Public Secondary School | Student | 1 | 5.00 | 2.50 | 1.00 | 35% | 0.63 | | |
| 536 | Private School | Student | 1 | 5.50 | 2.75 | 1.00 | 40% | 0.65 | | |
| 550 | University/College | Student | 1 | 10.00 | 5.00 | 1.50 | 40% | 1.50 | | |
| 560 | Places of Public Worship (Weekend) | Seat | 1 | 6.00 | 3.00 | 0.80 | 35% | 1.15 | | |
| 561 | Places of Public Worship (Weekday) | Seat | 1 | 6.00 | 3.00 | 0.80 | 35% | 1.15 | | |
| 565 | Pre-School (Day Care Centre: 31 pupils and above) | Student | 1 | 3.50 | 1.75 | 0.90 | 35% | 0.24 | | |

| Land Uses and Codes | | | | Trip Lengths | | | | | | |
|---------------------|-----------------------------------------------|---------|---------------------|---------------------|------------------------|----------------------|--------------------|------------------------|----------|--------------------|
| | | | Land Use Size Units | Total trip | Half trip | Class 4/5 | Non- | Adj Trip | | Size Adjustment |
| | | Size | Base | Length | Length | Half trip | Municipal | Length | | 1-A/(1+sqm Size/B) |
| | Land Use | Units | Size | L _T (km) | L _T /2 (km) | P ₄₅ (km) | P _N (%) | L _D /2 (km) | Factor A | Factor B |
| 993 | Pre-School (Day Care Centre: 21 to 30 pupils) | Student | 1 | 3.50 | 1.75 | 0.90 | 35% | 0.12 | | |
| 566 | Cemetery | Ha | 1 | 8.00 | 4.00 | 1.00 | 40% | 1.40 | | |
| 599 | Orphanage | Student | 1 | 5.50 | 2.75 | 1.00 | 30% | 0.93 | | |
| 600 | Medical | | | | | | | | | |
| 611 | Public Hospital | Bed | 1 | 8.50 | 4.25 | 1.00 | 40% | 1.55 | | |
| 612 | Private Hospital | sqm GLA | 100 | 8.00 | 4.00 | 1.00 | 40% | 1.40 | | |
| 620 | Nursing Home | Bed | 1 | 7.50 | 3.75 | 1.00 | 35% | 1.44 | | |
| 630 | Medical Clinic | sqm GLA | 100 | 5.00 | 2.50 | 1.00 | 30% | 0.75 | | |
| 700 | Office | | | | | | | | | |
| 710 | Offices | sqm GLA | 100 | 9.00 | 4.50 | 1.00 | 35% | 1.93 | | |
| 713 | Home offices and undertakings | House | 1 | 7.00 | 3.50 | 1.00 | 35% | 1.28 | | |
| 720 | Medical consulting rooms | sqm GLA | 100 | 8.00 | 4.00 | 1.00 | 35% | 1.60 | | |
| 760 | Research & Development | sqm GLA | 100 | 9.00 | 4.50 | 1.00 | 35% | 1.93 | | |
| 770 | Business Centre (Park) | sqm GLA | 100 | 10.00 | 5.00 | 1.00 | 40% | 2.00 | | |
| 780 | Conference Centre | Seat | 1 | 10.00 | 5.00 | 1.00 | 50% | 1.50 | | |
| 800 | Retail | | | | | | | | | |
| 812 | Building Materials | sqm GLA | 100 | 8.00 | 4.00 | 1.00 | 40% | 1.40 | | |
| 816 | Hardware and Paint Store | sqm GLA | 100 | 7.00 | 3.50 | 1.00 | 40% | 1.10 | | |
| 817 | Nursery (Garden Centre) | sqm GLA | 100 | 6.50 | 3.25 | 1.00 | 30% | 1.28 | | |
| 820 | Shopping Centre | sqm GLA | 100 | 10.00 | 5.00 | 1.00 | 40% | 2.00 | 0.740 | 148000 |
| 992 | Spaza | sqm GLA | 100 | 10.00 | 5.00 | 1.00 | 40% | 2.00 | | |
| 830 | Value Retail (Bulk Trade Centre) | sqm GLA | 100 | 10.00 | 5.00 | 1.00 | 50% | 1.50 | | |
| 831 | Wholesale Trade | sqm GLA | 100 | 9.00 | 4.50 | 1.00 | 45% | 1.48 | | |
| 841 | Motor Dealership | sqm GLA | 100 | 6.50 | 3.25 | 0.75 | 40% | 1.20 | | |
| 843 | Vehicle Parts Sales | sqm GLA | 100 | 5.50 | 2.75 | 0.55 | 30% | 1.38 | | |
| 890 | Furniture Store | sqm GLA | 100 | 8.00 | 4.00 | 1.00 | 40% | 1.40 | | |
| 900 | Services | | | | | | | | | |
| 931 | Quality (Sit-down) Restaurant | sqm GLA | 100 | 6.50 | 3.25 | 0.80 | 30% | 1.48 | | |
| 932 | Family (Sit-down) Restaurant | sqm GLA | 100 | 5.50 | 2.75 | 0.80 | 30% | 1.13 | | |
| 991 | Tavern | sqm GLA | 100 | 4.50 | 2.25 | 0.80 | 30% | 0.78 | | |

| Land Uses and Codes | | | | Trip Lengths | | | | | | |
|---------------------|-------------------------|---------|---------------------|---------------------|------------------------|----------------------|--------------------|------------------------|----------|--------------------|
| | | | Land Use Size Units | Total trip | Half trip | Class 4/5 | Non- | Adj Trip | | Size Adjustment |
| | | Size | Base | Length | Length | Half trip | Municipal | Length | | 1-A/(1+sqm Size/B) |
| | Land Use | Units | Size | L _T (km) | L _T /2 (km) | P ₄₅ (km) | P _N (%) | L _D /2 (km) | Factor A | Factor B |
| 933 | Fast Food Take-Away | sqm GLA | 100 | 4.00 | 2.00 | 0.70 | 25% | 0.80 | | |
| 934 | Fast Food Drive-Through | sqm GLA | 100 | 4.00 | 2.00 | 0.70 | 25% | 0.80 | | |
| 946 | Filling Station | Station | 1 | 5.00 | 2.50 | 0.50 | 40% | 1.00 | | |
| 950 | Vehicle Fitment Centre | sqm GLA | 100 | 8.00 | 4.00 | 1.00 | 35% | 1.60 | | |

Table 4: Traffic Engineering Parameters: Trip Generation Adjustment Factors parameters used in the calculation of Roads and Stormwater External Engineering Services Contributions (NOT subject to CPI/ Escalation):

| Land Uses and Codes | | | | Trip Generation Adjustment Factors | | |
|---------------------|-------------------------------------|-----------|---------------------|-----------------------------------------------------|-------------|---------------|
| | | | Land Use Size Units | Percentage reduction for developments in areas with | | |
| | | Size | Base | Mixed-used | Low vehicle | Transit nodes |
| | Land Use | Units | Size | Development | Ownership | or Corridors |
| 100 | Industrial | | | | | |
| 110 | Service Industry | sqm GLA | 100 | 5% | 20% | 15% |
| 120 | Heavy Industry/Manufacturing | sqm GLA | 100 | 5% | 20% | 15% |
| 121 | Mining | Employees | 1 | 5% | 20% | 15% |
| 130 | Industrial Area | sqm GLA | 100 | 5% | 20% | 15% |
| 140 | Manufacturing | sqm GLA | 100 | 5% | 20% | 15% |
| 150 | Warehousing and distribution | sqm GLA | 100 | 5% | 20% | 15% |
| 151 | Mini-Warehousing | sqm GLA | 100 | 5% | 20% | 15% |
| 200 | Residential | | | | | |
| 210 | Single Dwelling Unit | D/Unit | 1 | 10% | 40% | 15% |
| 220 | Apartments and Flats | D/Unit | 1 | 15% | 30% | 15% |
| 225 | Student Apartments and Flats | D/Unit | 1 | 25% | 50% | 15% |
| 231 | Townhouses (Simplexes and Duplexes) | D/Unit | 1 | 15% | 30% | 15% |
| 232 | Multi-Level Townhouses | D/Unit | 1 | 15% | 30% | 15% |
| 251 | Retirement Village | D/Unit | 1 | 5% | 50% | 15% |
| 254 | Old-Age Home | D/Unit | 1 | 5% | 50% | 15% |
| 260 | Recreational Homes | D/Unit | 1 | 10% | 20% | 15% |
| 300 | Lodging | | | | | |

| Land Uses and Codes | | | | Trip Generation Adjustment Factors | | |
|---------------------|---------------------------------------------------|---------|---------------------|-----------------------------------------------------|-------------|---------------|
| | | | Land Use Size Units | Percentage reduction for developments in areas with | | |
| | | Size | Base | Mixed-used | Low vehicle | Transit nodes |
| | Land Use | Units | Size | Development | Ownership | or Corridors |
| 310 | Hotel (Residential) | Room | 1 | 20% | 20% | 15% |
| 330 | Hotel (Resort) | Room | 1 | 20% | 20% | 15% |
| 350 | Guest House | Room | 1 | 20% | 30% | 15% |
| 400 | Recreational and Sport | | | | | |
| 430 | Golf Course | Course | 1 | 5% | 0% | 0% |
| 473 | Casino | sqm GLA | 100 | 5% | 20% | 15% |
| 480 | Amusement Park | ha | 1 | 5% | 30% | 15% |
| 488 | Sport Stadium | Seat | 1000 | 5% | 30% | 15% |
| 492 | Health and Fitness Centre | sqm GLA | 100 | 15% | 20% | 15% |
| 500 | Institutional | | | | | |
| 520 | Public Primary School | Student | 1 | 30% | 50% | 15% |
| 530 | Public Secondary School | Student | 1 | 30% | 50% | 15% |
| 536 | Private School | Student | 1 | 30% | 50% | 15% |
| 550 | University/College | Student | 1 | 20% | 40% | 15% |
| 560 | Places of Public Worship (Weekend) | Seat | 1 | 10% | 50% | 15% |
| 561 | Places of Public Worship (Weekday) | Seat | 1 | 10% | 50% | 15% |
| 565 | Pre-School (Day Care Centre: 31 pupils and above) | Student | 1 | 5% | 50% | 15% |
| 993 | Pre-School (Day Care Centre: 21 to 30 pupils) | Student | 1 | 5% | 50% | 15% |
| 566 | Cemetery | Ha | 1 | 0% | 30% | 15% |
| 599 | Orphanage | Student | 1 | 5% | 50% | 15% |
| 600 | Medical | | | | | |
| 611 | Public Hospital | Bed | 1 | 0% | 50% | 15% |
| 612 | Private Hospital | sqm GLA | 100 | 0% | 20% | 15% |
| 620 | Nursing Home | Bed | 1 | 0% | 50% | 15% |
| 630 | Medical Clinic | sqm GLA | 100 | 0% | 50% | 15% |
| 700 | Office | | | | | |
| 710 | Offices | sqm GLA | 100 | 20% | 20% | 15% |
| 713 | Home offices and undertakings | House | 1 | 10% | 20% | 15% |
| 720 | Medical consulting rooms | sqm GLA | 100 | 10% | 30% | 15% |
| 760 | Research & Development | sqm GLA | 100 | 30% | 20% | 15% |
| 770 | Business Centre (Park) | sqm GLA | 100 | 15% | 20% | 15% |
| 780 | Conference Centre | Seat | 1 | 10% | 20% | 10% |
| 800 | Retail | | | | | |
| 812 | Building Materials | sqm GLA | 100 | 10% | 30% | 15% |

| Land Uses and Codes | | | | Trip Generation Adjustment Factors | | |
|---------------------|----------------------------------|---------|---------------------|-----------------------------------------------------|-------------|---------------|
| | | | Land Use Size Units | Percentage reduction for developments in areas with | | |
| | | Size | Base | Mixed-used | Low vehicle | Transit nodes |
| | Land Use | Units | Size | Development | Ownership | or Corridors |
| 816 | Hardware and Paint Store | sqm GLA | 100 | 10% | 30% | 15% |
| 817 | Nursery (Garden Centre) | sqm GLA | 100 | 10% | 30% | 15% |
| 820 | Shopping Centre | sqm GLA | 100 | 10% | 30% | 15% |
| 992 | Spaza | sqm GLA | 100 | 10% | 60% | 15% |
| 830 | Value Retail (Bulk Trade Centre) | sqm GLA | 100 | 10% | 30% | 15% |
| 831 | Wholesale Trade | sqm GLA | 100 | 5% | 20% | 15% |
| 841 | Motor Dealership | sqm GLA | 100 | 5% | 20% | 15% |
| 843 | Vehicle Parts Sales | sqm GLA | 100 | 5% | 20% | 15% |
| 890 | Furniture Store | sqm GLA | 100 | 5% | 30% | 15% |
| 900 | Services | | | | | |
| 931 | Quality (Sit-down) Restaurant | sqm GLA | 100 | 10% | 10% | 15% |
| 932 | Family (Sit-down) Restaurant | sqm GLA | 100 | 10% | 30% | 15% |
| 991 | Tavern | sqm GLA | 100 | 10% | 30% | 15% |
| 933 | Fast Food Take-Away | sqm GLA | 100 | 10% | 40% | 15% |
| 934 | Fast Food Drive-Through | sqm GLA | 100 | 10% | 15% | 15% |
| 946 | Filling Station | Station | 1 | 0% | 0% | 0% |
| 950 | Vehicle Fitment Centre | sqm GLA | 100 | 0% | 0% | 0% |

Table 5: Traffic Engineering Parameters: Trip Generation Rates parameters used in the calculation of Roads and Stormwater External Engineering Services Contributions (NOT subject to CPI/ Escalation):

| Land Uses and Codes | | | | Daily Trip Generation Rates and Parameters | | | | | | |
|---------------------|-------------------------------------|-----------|---------------------|--------------------------------------------|-----------------|------------------------------------|-----------------|------------------|--------------------|----------|
| | | | Land Use Size Units | Daily Trip rate | Peaking Factor | Hourly Trip rate | Percent Heavy | E80 Axles Per HV | Size Adjustment | |
| | Size | Base | | | | | | | 1+A/(1+sqm Size/B) | |
| | Land Use | Units | Size | AADT _D | F _{QD} | F _{QD} .AADT _D | P _{HD} | E _{HD} | Factor A | Factor B |
| 100 | Industrial | | | | | | | | | |
| 110 | Service Industry | sqm GLA | 100 | 6.00 | 0.150 | 0.90 | 10% | 1.34 | | |
| 120 | Heavy Industry/Manufacturing | sqm GLA | 100 | 1.25 | 0.150 | 0.19 | 10% | 2.35 | | |
| 121 | Mining | Employees | 1 | 0.65 | 0.150 | 0.10 | 10% | 2.35 | | |
| 130 | Industrial Area | sqm GLA | 100 | 6.00 | 0.150 | 0.90 | 10% | 2.35 | | |
| 140 | Manufacturing | sqm GLA | 100 | 2.00 | 0.250 | 0.50 | 10% | 2.35 | | |
| 150 | Warehousing and distribution | sqm GLA | 100 | 3.00 | 0.140 | 0.42 | 10% | 2.35 | | |
| 151 | Mini-Warehousing | sqm GLA | 100 | 2.50 | 0.100 | 0.25 | | | | |
| 200 | Residential | | | | | | | | | |
| 210 | Single Dwelling Unit | D/Unit | 1 | 4.00 | 0.225 | 0.90 | | | | |
| 220 | Apartments and Flats | D/Unit | 1 | 2.75 | 0.225 | 0.62 | | | | |
| 225 | Student Apartments and Flats | D/Unit | 1 | 1.25 | 0.225 | 0.28 | | | | |
| 231 | Townhouses (Simplexes and Duplexes) | D/Unit | 1 | 3.75 | 0.225 | 0.84 | | | | |
| 232 | Multi-Level Townhouses | D/Unit | 1 | 3.25 | 0.225 | 0.73 | | | | |
| 251 | Retirement Village | D/Unit | 1 | 3.40 | 0.110 | 0.37 | | | | |
| 254 | Old-Age Home | D/Unit | 1 | 2.50 | 0.100 | 0.25 | | | | |
| 260 | Recreational Homes | D/Unit | 1 | 3.00 | 0.100 | 0.30 | | | | |
| 300 | Lodging | | | | | | | | | |
| 310 | Hotel (Residential) | Room | 1 | 3.25 | 0.150 | 0.49 | | | | |
| 330 | Hotel (Resort) | Room | 1 | 6.00 | 0.100 | 0.60 | | | | |
| 350 | Guest House | Room | 1 | 3.00 | 0.150 | 0.45 | | | | |
| 400 | Recreational and Sport | | | | | | | | | |
| 430 | Golf Course | Course | 1 | 650 | 0.05 | 32.50 | | | | |
| 473 | Casino | sqm GLA | 100 | 50.00 | 0.050 | 2.50 | | | | |
| 480 | Amusement Park | ha | 1 | 250.00 | 0.050 | 12.50 | | | | |
| 488 | Sport Stadium | Seat | 1000 | 100.00 | 0.050 | 5.00 | | | | |
| 492 | Health and Fitness Centre | sqm GLA | 100 | 32.50 | 0.300 | 9.75 | | | | |
| 500 | Institutional | | | | | | | | | |
| 520 | Public Primary School | Student | 1 | 2.00 | 0.400 | 0.80 | | | | |
| 530 | Public Secondary School | Student | 1 | 2.00 | 0.400 | 0.80 | | | | |

| Land Uses and Codes | | | | Daily Trip Generation Rates and Parameters | | | | | | |
|---------------------|---------------------------------------------------|---------|---------------------|--------------------------------------------|-----------------|------------------------------------|-----------------|------------------|-----------------|--------------------|
| | | | Land Use Size Units | Daily Trip rate | Peaking Factor | Hourly Trip rate | Percent Heavy | E80 Axles Per HV | Size Adjustment | |
| | Size | Base | | | | | | | Factor A | 1+A/(1+sqm Size/B) |
| | Land Use | Units | Size | AADT _D | F _{QD} | F _{QD} .AADT _D | P _{HD} | E _{HD} | Factor A | Factor B |
| 536 | Private School | Student | 1 | 2.00 | 0.400 | 0.80 | | | | |
| 550 | University/College | Student | 1 | 1.90 | 0.110 | 0.21 | | | | |
| 560 | Places of Public Worship (Weekend) | Seat | 1 | 0.65 | 0.085 | 0.06 | | | | |
| 561 | Places of Public Worship (Weekday) | Seat | 1 | 0.60 | 0.085 | 0.05 | | | | |
| 565 | Pre-School (Day Care Centre: 31 pupils and above) | Student | 1 | 3.00 | 0.275 | 0.83 | | | | |
| 993 | Pre-School (Day Care Centre: 21 to 30 pupils) | Student | 1 | 3.00 | 0.275 | 0.83 | | | | |
| 566 | Cemetery | Ha | 1 | 6.00 | 0.050 | 0.30 | | | | |
| 599 | Orphanage | Student | 1 | 2.50 | 0.100 | 0.25 | | | | |
| 600 | Medical | | | | | | | | | |
| 611 | Public Hospital | Bed | 1 | 7.00 | 0.200 | 1.40 | | | | |
| 612 | Private Hospital | sqm GLA | 100 | 16.50 | 0.110 | 1.82 | | | | |
| 620 | Nursing Home | Bed | 1 | 2.25 | 0.110 | 0.25 | | | | |
| 630 | Medical Clinic | sqm GLA | 100 | 40.00 | 0.150 | 6.00 | | | | |
| 700 | Office | | | | | | | | | |
| 710 | Offices | sqm GLA | 100 | 8.50 | 0.250 | 2.13 | 5% | 1.21 | | |
| 713 | Home offices and undertakings | House | 1 | 25.00 | 0.250 | 6.25 | | | | |
| 720 | Medical consulting rooms | sqm GLA | 100 | 55.00 | 0.135 | 7.43 | | | | |
| 760 | Research & Development | sqm GLA | 100 | 8.50 | 0.153 | 1.30 | 3% | 0.91 | | |
| 770 | Business Centre (Park) | sqm GLA | 100 | 10.00 | 0.150 | 1.50 | | | | |
| 780 | Conference Centre | Seat | 1 | 1.00 | 0.300 | 0.30 | | | | |
| 800 | Retail | | | | | | | | | |
| 812 | Building Materials | sqm GLA | 100 | 45.00 | 0.090 | 4.05 | 5% | 1.32 | | |
| 816 | Hardware and Paint Store | sqm GLA | 100 | 60.00 | 0.085 | 5.10 | 3% | 1.32 | | |
| 817 | Nursery (Garden Centre) | sqm GLA | 100 | 45.00 | 0.100 | 4.50 | | | | |
| 820 | Shopping Centre | sqm GLA | 100 | 35.00 | 0.085 | 2.98 | 2% | 1.32 | 6.000 | 3500 |
| 992 | Spaza | sqm GLA | 100 | 35.00 | 0.085 | 2.98 | | | | |
| 830 | Value Retail (Bulk Trade Centre) | sqm GLA | 100 | 7.50 | 0.145 | 1.09 | 2% | 1.32 | | |
| 831 | Wholesale Trade | sqm GLA | 100 | 7.20 | 0.167 | 1.20 | 2% | 1.32 | | |
| 841 | Motor Dealership | sqm GLA | 100 | 30.00 | 0.100 | 3.00 | | | | |
| 843 | Vehicle Parts Sales | sqm GLA | 100 | 60.00 | 0.103 | 6.18 | | | | |
| 890 | Furniture Store | sqm GLA | 100 | 5.40 | 0.250 | 1.35 | 2% | 1.32 | | |

| Land Uses and Codes | | | | Daily Trip Generation Rates and Parameters | | | | | | |
|---------------------|-------------------------------|---------|---------------------|--------------------------------------------|-----------------|------------------------------------|-----------------|------------------|--------------------|----------|
| | | | Land Use Size Units | Daily Trip rate | Peaking Factor | Hourly Trip rate | Percent Heavy | E80 Axles Per HV | Size Adjustment | |
| | Size | Base | | | | | | | 1+A/(1+sqm Size/B) | |
| | Land Use | Units | Size | AADT _D | F _{QD} | F _{QD} .AADT _D | P _{HD} | E _{HD} | Factor A | Factor B |
| 900 | Services | | | | | | | | | |
| 931 | Quality (Sit-down) Restaurant | sqm GLA | 100 | 90.00 | 0.100 | 9.00 | | | | |
| 932 | Family (Sit-down) Restaurant | sqm GLA | 100 | 140.00 | 0.100 | 14.00 | | | | |
| 991 | Tavern | sqm GLA | 100 | 100.00 | 0.100 | 10.00 | | | | |
| 933 | Fast Food Take-Away | sqm GLA | 100 | 200.00 | 0.100 | 20.00 | | | | |
| 934 | Fast Food Drive-Through | sqm GLA | 100 | 350.00 | 0.100 | 35.00 | | | | |
| 946 | Filling Station | Station | 1 | 500.00 | 0.120 | 60.00 | 2% | 1.32 | | |
| 950 | Vehicle Fitment Centre | sqm GLA | 100 | 22.00 | 0.103 | 2.27 | | | | |

File 5/5/1/14
 Council Resolution: PT 68-2001 CM 23/08/2001
 Published
 Local Authority Notice Number
 Amended - Council Resolution: PT 101-2002(C) CM 26/06/2002
 Published
 Local Authority Notice Number
 Amended - Council Resolution: A-PT (6-2003) CM 29/05/2003
 Published
 Local Authority Notice Number
 Amended - Council Resolution: A-PT (8-2004) CM 29/04/2004
 Published
 Local Authority Notice Number
 Amended - Council Resolution: A-PT (9-2005) CM 28/04/2005
 Published
 Gauteng Provincial Gazette 29 June 2005, Mpumalanga
 Provincial Gazette 24 June 2005

 Local Authority Notice Number
 Amended - Council Resolution: A-IS (02-2007) CM 31/05/2007
 Published
 Gauteng Provincial Gazette No 217 dd 15 August 2007
 Local Authority Notice Number
 Amended - Council Resolution: A-F (24-2008) CM 29/05/2008
 Published
 No 201 dd 6 August 2008
 Local Authority Notice Number
 Amended - Council Resolution: A-F(23-2009) CM 28/05/2009
 Published
 Gauteng Provincial Gazette Extra-Ordinary No. 144 dd 01
 July 2009
 Local Authority Notice Number
 Amended - Council Resolution: A-F (27-2010) CM 27/05/2010
 Published
 Extra-Ordinary 123 dd 30 June 2010
 Local Authority Notice Number
 Amended-Council Resolution: A-F (27-2011) CM 20/04/2011
 Published
 Extra-Ordinary 107 dd 01 June 2011
 Local Authority Notice Number
 Amended-Council Resolution: A-F (20a-2012) CM 31/05/2012
 Published
 Extra-Ordinary 159 dd 13 June 2012
 Local Authority Notice Number
 766

Amended-Council Resolution
Published
Local Authority Notice Number

A-F (30-2013) CM 30/05/2013
Extra-Ordinary 152 dd 10 June 2013
731

Council Resolution
Gauteng Provincial Gazette
Local Authority Notice Number

A-F (17-2014) CM 29/05/2014
Extra-Ordinary 134 dd 06 June 2014
713

Council Resolution
Gauteng Provincial Gazette
Local Authority Notice Number

A-F (13-2015) CM 28/05/2015
Extra-Ordinary 229 dd 12 June 2015
1009

Council Resolution
Gauteng Provincial Gazette
Local Authority Notice Number

A-F (32-2016) CM 28/04/2016
Ordinary Gazette 215 dd 15 June 2016
915

Council Resolution
Gauteng Provincial Gazette
Local Authority Notice Number

A-F (17-2017) CM 25/05/2017
Ordinary Gazette 147 dd 21 June 2017
863

Council Resolution
Gauteng Provincial Gazette
Local Authority Notice Number

A-F (23-2018) CM 24/05/2018
Ordinary Gazette 198 dd 18 July 2018
1089

Council Resolution
Gauteng Provincial Gazette
Local Authority Notice Number

A-F (28-2019) CM 23/05/2019
Ordinary Gazette 200 dd 26 June 2019
1239