

Traffic Analysis and Reporting System  
**AADT Segment Analysis Report (Complete)**  
Road Section 41F - BURNETT HIGHWAY (MT MORGAN-ROCKHAMPTON)  
Traffic Year 2019

**Road Segments Summary - All Vehicles**

Region	Segment Start Tdist	Segment End Tdist	Site	Site Tdist	Description	AADT			VKT (Millions)			Data Year	Page
						G	A	B	G	A	B		
404	0.000 km	2.533 km	60057	0.423 km	Burnett Hwy 50m Sth Dee River	1,891	1,936	3,827	1.74831	1.78992	3.53823	2018	2
404	2.533 km	27.700 km	60008	15.000 km	Burnett Hwy 200m E Bouldercombe School	1,257	1,235	2,492	11.54675	11.34465	22.89140	2018	3
404	27.700 km	31.910 km	60059	30.600 km	Burnett Hwy 1km West of Bruce Hwy	2,215	1,863	4,078	3.40368	2.86278	6.26646	2018	4
								Totals	16.69874	15.99735	32.69609		

**Road Segments Summary - Heavy Vehicles only**

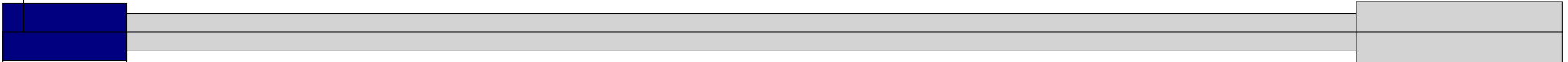
VKT totals are calculated only if traffic class data is available for all sites.

Region	Segment Start Tdist	Segment End Tdist	Site	Site Tdist	Description	HV AADT						HV VKT (Millions)			Data Year	Page
						G		A		B						
						AADT	HV %	AADT	HV %	AADT	HV %	G	A	B		
404	0.000 km	2.533 km	60057	0.423 km	Burnett Hwy 50m Sth Dee River	132	6.98%	83	4.29%	215	5.62%	0.12204	0.07674	0.19878	2018	
404	2.533 km	27.700 km	60008	15.000 km	Burnett Hwy 200m E Bouldercombe School	69	5.49%	134	10.85%	203	8.15%	0.63383	1.23092	1.86475	2018	
404	27.700 km	31.910 km	60059	30.600 km	Burnett Hwy 1km West of Bruce Hwy	117	5.28%	199	10.68%	316	7.75%	0.17979	0.30579	0.48558	2018	
											Totals	0.93566	1.61345	2.54911		

Site 60057. Point 260000099.  
Burnett Hwy 50m Sth Dee River.

0.42 km

The width of each Road Segment is proportional to its AADT.



0.00 km

Start Point 260000100. Central St  
to Mt Morgan CBD@Gordon St.

2.53 km

End Point 260000020. Burnett  
Hwy to R'ton @ Coles Ave.

This report shows Annual Average Daily Traffic values (AADTs). Because the AADT values are converted to whole numbers, there will be occasional inaccuracies due to rounding. These inaccuracies are statistically insignificant.

All Vehicles (00)

G	1,891	100%
A	1,936	100%
B	3,827	100%

Annual Segment Growth

	Based on 1 year's data	Based on 5 years' data	Based on 10 years' data
G	0.00%	-0.47%	-0.98%
A	0.00%	0.20%	-0.43%
B	0.00%	-0.14%	-0.71%

Light Vehicles (0A)

G	1,759	93.02%
A	1,852	95.66%
B	3,611	94.36%

Heavy Vehicles (0B)

G	132	6.98%
A	83	4.29%
B	215	5.62%

Short Vehicles (1A)

G	1,759	93.02%
A	1,852	95.66%
B	3,611	94.36%

Trucks and Buses (1B)

G	122	6.45%
A	76	3.93%
B	198	5.17%

Articulated Vehicles (1C)

G	9	0.48%
A	5	0.26%
B	14	0.37%

Road Trains (1D)

G	1	0.05%
A	2	0.10%
B	3	0.08%

Short 2-Axle  
Vehicles (2A)

G	1,716	90.75%
A	1,805	93.23%
B	3,521	92.00%

Short Vehicles  
Towing (2B)

G	43	2.27%
A	47	2.43%
B	90	2.35%

2-Axle Trucks  
and Buses (2C)

G	113	5.98%
A	69	3.56%
B	182	4.76%

3-Axle Trucks  
and Buses (2D)

G	7	0.37%
A	6	0.31%
B	13	0.34%

4-Axle  
Trucks (2E)

G	2	0.11%
A	1	0.05%
B	3	0.08%

3-Axle  
Articulated (2F)

G	3	0.16%
A	1	0.05%
B	4	0.10%

4-Axle  
Articulated (2G)

G	3	0.16%
A	2	0.10%
B	5	0.13%

5-Axle  
Articulated (2H)

G	1	0.05%
A	0	0.00%
B	1	0.03%

6-Axle  
Articulated (2I)

G	2	0.11%
A	2	0.10%
B	4	0.10%

B Double (2J)

G	1	0.05%
A	2	0.10%
B	3	0.08%

Double Road  
Trains (2K)

G	0	0%
A	0	0%
B	0	0%

Triple Road  
Trains (2L)

G	0	0%
A	0	0%
B	0	0%

## AADT Segment Report

Provides AADT Segment details for a Road Section together with the traffic flow data collected at the related Site. Traffic data is reported by the start and end Through Distance of the AADT Segments on each section of road. The road segments are represented diagrammatically with AADT data including:

AADT	by direction of traffic flow
VKT	Vehicle Kilometres Travelled
%VC	Percentage Vehicle Class as per the Austroads vehicle classification scheme

## Annual Average Daily Traffic (AADT)

Annual Average Daily Traffic (AADT) is the number of vehicles passing a point on a road in a 24 hour period, averaged over a calendar year.

## AADT Segment

Is a subdivision of a Road Section. The boundaries of an AADT Segment are its Start Point and End Point (or Start and End Through Distance (TDist)) within the Road Section. These distances are measured in kilometres from the beginning of the Road Section in Gazettal Direction. AADT Segments are determined by the traffic volume, collected at a count Site, located within the limits of each AADT Segment.

## Annual Segment Growth (when displayed)

A percentage that represents the increase or decrease in AADT for the AADT Segment, using an exponential fit, calculated over a 1, 5 or 10 year period.

## Area

For administration purposes the Department of Transport and Main Roads has divided Queensland into 12 Districts. The Area field in TSDM reports displays the District Name and Number.

District Name	District
Central West District	401
Darling Downs District	402
Far North District	403
Fitzroy District	404
Mackay/Whitsunday District	405
Metropolitan District	406
North Coast District	407
North West District	409
Northern District	408
South Coast District	410
South West District	411
Wide Bay/Burnett District	412

## Data Year

The most recent year the traffic data was collected for this AADT Segment.

## Gazettal Direction

The Gazettal Direction is the direction of the traffic flow. It can be easily recognised by referring to the name of the road eg. Road Section: 10A Brisbane - Gympie denotes that the gazettal direction is from Brisbane to Gympie.

- G Traffic flowing in Gazettal Direction
- A Traffic flowing against Gazettal Direction
- B The combined traffic flow in both Directions

## Road Section

Is the Gazetted road from which the traffic data is collected. Each Road Section is given a code, allocated sequentially in Gazettal Direction. Larger roads are broken down into sections and identified by an ID code with a suffix for easier data collection and reporting (eg. 10A, 10B, 10C). Road Sections are then broken into AADT Segments which are determined by traffic volume.

## Site

The physical location of a traffic counting device. Sites are located at a specified Through Distance along a Road Section.

## Site TDist

The Through Distance in gazettal direction from the start of the Road Section at which the site is located.

## Site Description

The description of the physical location of the traffic counting device.

## Start and End Point

The unique identifier for the Through Distance along a Road Section.

## Through Distance

The distance, in kilometres, from the beginning of the Road Section in Gazettal Direction.

## Traffic Class

Is the 12 Austroads vehicle categories or classes into which vehicles are placed or binned. Traffic classes are formed in a hierarchical format.

### Volume or All Vehicles

00 = 0A + 0B

### Light Vehicles

0A = 1A

1A = 2A + 2B

### Heavy Vehicles

0B = 1B + 1C + 1D

1B = 2C + 2D + 2E

1C = 2F + 2G + 2H + 2I

1D = 2J + 2K + 2L

The following classes are the categories for which data can be captured:

### Volume

00 All vehicles.

### 2-Bin

0A Light vehicles

0B Heavy vehicles

### 4-Bin

1A Short vehicles

1B Truck or bus

1C Articulated vehicles

1D Road train

### 12-Bin

2A Short 2 axle vehicles

2B Short vehicles towing

2C 2 axle truck or bus

2D 3 axle truck or bus

2E 4 axle truck

2F 3 axle articulated vehicle

2G 4 axle articulated vehicle

2H 5 axle articulated vehicle

2I 6 axle articulated vehicle

2J B double

2K Double road train

2L Triple road train

## Vehicle Kilometres Travelled (VKT)

Daily VKT is a measure of the traffic demand. It is calculated by the length of an AADT Segment in kilometres multiplied by its AADT. The yearly VKT is the daily VKT multiplied by 365 days.

### AADT Segment Summary - All Vehicles

The Total VKT can be used to gauge the demand on an entire Road Section.

### AADT Segment Summary - Heavy Vehicles only

A blank field indicates that vehicle classification data was not collected for this AADT Segment.

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