



THE ROYAL AUTOMOBILE CLUB OF QUEENSLAND LIMITED

REDSPOT SURVEY

TRAFFIC AND SAFETY DEPARTMENT
NOVEMBER 1996

**THE ROYAL AUTOMOBILE CLUB
OF QUEENSLAND LIMITED**

A.C.N. 009 660 575

TRAFFIC AND SAFETY DEPARTMENT



Report Date: November, 1996

Title: Red Spot Survey 1996

Performing Organisation:

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Royal Automobile Club of Queensland,
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Abstract:

This report presents information from a survey published in the June/July 1996 edition of "The Road Ahead". RACQ members were requested to identify sites in Queensland where they are often frustrated by delays that appear to be unnecessary. Over 200 redspots were identified. The top fifteen intersections, top ten sections of road and the top three railway crossings are identified in the report.



EXECUTIVE SUMMARY

This report gives details of members' responses on a survey placed in the June/July 1996 edition of *The Road Ahead*. The survey asked members to supply information on locations where delays are frustrating and could be alleviated to some extent. These locations are referred to as redspots.

From just under 500 responses received, the information was sorted to find the most common redspots on the road network.

There were 214 different sites nominated, of which:

- ▶ 44.4 percent of redspot locations were nominated more than once;
- ▶ 12.5 percent of the intersections were nominated more than once;
- ▶ 28.2 percent of sections of road were nominated more than once; and
- ▶ 16.7 percent of rail crossings were nominated more than once.

The Brisbane Metropolitan Area received the most number of redspots (74.8%) with 160 different redspots identified. The local authorities with the most number of redspots were:

- ▶ Brisbane City (63.1%);
- ▶ Gold Coast City (7.5%);
- ▶ Redland Shire (4.3%); and
- ▶ Pine Rivers Shire (3.3%).

Regional and country areas were also represented in the survey, with 16 local authorities outside the Brisbane Metropolitan Area having redspots.

The most reported intersections from the survey were:

1. Ann Street and Brunswick Street, Fortitude Valley;
2. Bermuda Street and Hooker Boulevard, Broadbeach Waters;
3. Logan Road and Newnham Road, Upper Mount Gravatt; and
4. Rode Road/Old Northern Road/Beckett Road, Everton Park.

The most reported route sections were found to be:

1. Ipswich Motorway (between Redbank and Darra);
2. South Pine Road from Shand Road to Samford Road, Enoggera;
3. Western Freeway, Indooroopilly; and
4. Nebo Road (Ron Camm Bridge), Mackay.



Rail crossings were less commonly cited. The Coopers Plains railway crossing where Boundary Road intersects with Orange Grove Road and Beenleigh Road stood out as causing significant delays.

The above sites and other commonly reported sites are shown in Tables 3.1, 3.2 and 3.3.

The most common problems related to intersections. More than 60 percent of responses were about difficult or congested turning movements particularly right turns. Poor linking of traffic signals was believed to hold up traffic unnecessarily, whilst many respondents "saw red" about congestion caused by parked cars and bus stops.

This report provides information which can be used by road authorities to improve the road network. It also highlights the need for regular monitoring of major traffic in all areas (e.g., Brisbane City)

Nearly 22 percent of the responses made mention of sites with safety problems. Although this report is concerned primarily with delays, it was thought beneficial to make a separate reference to hazardous sites as delays and crashes can be inter-related. That is, delays can cause frustration which in turn can contribute to poor driver behaviour and crashes. The basic causes of danger expressed were:

- ▶ making right turns;
- ▶ obstructions to vision;
- ▶ merging;
- ▶ delineation and lighting;
- ▶ signs (missing or misleading);
- ▶ road condition; and
- ▶ speed.

Many of these concerns were in country areas. Most of the replies from country areas emphasised the danger of a site, rather than a delay. The RACQ intends to treat these sites as hazardous locations and apply its normal procedure of investigation.



CONTENTS

EXECUTIVE SUMMARY	iii
LIST OF TABLES	vi
LIST OF FIGURES	vi
1.0 INTRODUCTION	1
1.1 OUTLINE	1
1.2 AIM	1
1.3 METHOD	1
1.4 DEFINITIONS	3
2.0 SUMMARY OF RESULTS	4
2.1 LOCATION BY LOCAL AUTHORITY	4
2.2 LOCATION BY TYPES	5
2.3 CAUSES OF DELAY	5
3.0 DISCUSSION OF RESULTS	7
3.1 INTERSECTION REDSPOTS	7
3.1.1 Top fifteen reported intersections	7
3.1.2 Member comments and solutions for intersections	7
3.2 SECTIONS OF ROAD REDSPOTS	10
3.2.1 Top ten reported sections of road	10
3.2.2 Member comments and solutions for sections of road	11
3.3 RAIL CROSSING REDSPOTS	12
3.3.1 Top three reported rail crossings	12
3.3.2 Member comments and solutions for rail crossings	12
APPENDIX A	
The Road Ahead Articles	14
APPENDIX B	
Full List of Redspots	17
METROPOLITAN NORTH REDSPOTS	18
METROPOLITAN SOUTH REDSPOTS	31
GOLD COAST REDSPOTS	43
SUNSHINE COAST REDSPOTS	46
REGIONAL AND COUNTRY REDSPOTS	48



LIST OF TABLES

Table 2.1	Causes of Delay at Various Types of Redspots	6
Table 3.1	Top Fifteen Reported Intersections	8
Table 3.2	Top Ten Reported Sections of Road	10
Table 3.3	Top Three Railway Crossings	12

LIST OF FIGURES

Figure 2.1	The Proportion of Redspot Locations by Local Authority	4
Figure 2.2	The Proportion of Redspot Locations by Type	5
Figure 2.3	The Proportion of Redspot Locations by Cause	6
Figure A1	Initial Article and Survey Form	15
Figure A2	Follow Up Article Presenting Preliminary Results	16



1.0 INTRODUCTION

1.1 OUTLINE

The RACQ often receives correspondence from members about locations on Queensland's road network that they see as dangerous or cause unnecessary delays. These are usually followed up by RACQ representatives inspecting the sites and liaising with road authorities.

Where appropriate, the RACQ makes recommendations to local authorities and the Department of Main Roads for changes to the road system to improve efficiency and safety.

To enhance the RACQ's active involvement in improving the road network, a "redspot" survey was conducted in the June/July 1996 edition of the Club's magazine, *The Road Ahead*. The survey asked members to supply details of intersections, sections of road and railway crossings where they considered delays to be frustrating and appeared to be unnecessary (i.e., a redspot). It also asked members to supply their solution to how the problem could be alleviated to some extent.

1.2 AIM

The aims of the survey were:

- i) To identify areas where motorists are unnecessarily delayed;
- ii) To establish the most common cause of motorist frustration stemming from these delays;
- iii) To gain motorists' ideas about improving traffic efficiency; and
- iv) To provide a benchmark for future surveys.

1.3 METHOD

Members were asked to fill in a survey form published in the June/July 1996 edition of the Road Ahead. Just under 500 responses were received. A copy of the survey form is shown in APPENDIX A (see Figure A1).



The categories for type of problem location were:

- ▶ intersection;
- ▶ section of road;
- ▶ railway crossing; and
- ▶ other.

All responses in the "other" category concerned roundabouts which were included in the "intersections" category.

Respondents were requested to select the cause of the problem from the following:

- ▶ difficult/congested turning movements;
- ▶ blockages like parked cars and bus stops;
- ▶ vehicles turning into side streets;
- ▶ poor linking of traffic lights;
- ▶ potential for crashes;
- ▶ unnecessary waiting for trains; and
- ▶ other.

In the processing of data, it was found that many responses implied that insufficient road capacity and merging problems was the cause of a delay. In the coding process, therefore, insufficient road capacity and merging problems were included as extra categories.

Each response was checked for location, map reference (if the redspot was located in the 40th edition of the Brisbane UBD Street Directory) and clarity of information. Systematic measures were adopted e.g., road one - the road travelling along, road two - the road being crossed or entered. This required considerable editing of the responses.

Some respondents ticked more than one cause for the problem, so an extra category was established in this section. The cause with the most impact was selected as the "major cause" with the other, secondary causes put in a "supplementary cause" category.

Preliminary results of the survey were released in the October/November edition of *The Road Ahead*. This article appears in APPENDIX A (see Figure A2).



1.4 DEFINITIONS

Red Spot	A problem on the road network that causes driver frustration due to an unreasonable delay as perceived by the motorist;
Intersection	A point on the road network where two or more roads meet or cross;
Section of Road	A part or segment of road with either a series of individual redspot causes or many different types of redspots;
Railway Crossing	A point on the road network where a railway line and a road intersect but where trains have priority over motor vehicles;
Peak Times	The times when traffic volumes are the heaviest. In the mornings it is usually between the hours of 7-9am and in the evenings it is between 4-6pm. These times can vary depending on the type of road;
Night Times	Traffic conditions after 7pm at night;
School Times	The times when students are going to and from school. Usually considered to be 7.30-9am and 2.30-4pm;
Phase	An interval or intervals which permit a particular movement or combination or related movements at traffic signals.
Cycle Time	Time required for one complete sequence of aspects at traffic signals (i.e., red, green, amber and back to red).
Capacity	The maximum number of vehicles which can pass through a point on the road network in a given period under a stated set of conditions.
Movement	A stream of vehicles which enter from the same approach and depart from the same exit.
Filter Turn	A turning movement of vehicles in one stream of traffic across or into another stream of traffic by gap acceptance.
Brisbane Metropolitan Area	The extent of Brisbane's urban sprawl. Includes the local authorities of Brisbane, Ipswich, Logan, Redland, Redcliffe and Pine Rivers;
Country/Regional Area	Any location outside of the Brisbane Metropolitan Area, the Gold Coast or the Sunshine Coast;
North-East Brisbane	Those suburbs found in the north-east of the Brisbane City Council area (i.e., north of the Brisbane River, east of Gympie Road);
North-West Brisbane	Those suburbs found in the north-west of the Brisbane City Council area (i.e., north of the Brisbane River, west of Gympie Road);
South-East Brisbane	Those suburbs found in the south-east of the Brisbane City Council area (i.e., south of the Brisbane River, east of the South-east Freeway);
South-West Brisbane	Those suburbs found in the south-west of the Brisbane City Council area (i.e., south of the Brisbane River, west of the South-east Freeway);
Sunshine Coast	The local authorities of Caboolture, Caloundra, Maroochy and Noosa.

2.0 SUMMARY OF RESULTS

2.1 LOCATION BY LOCAL AUTHORITY

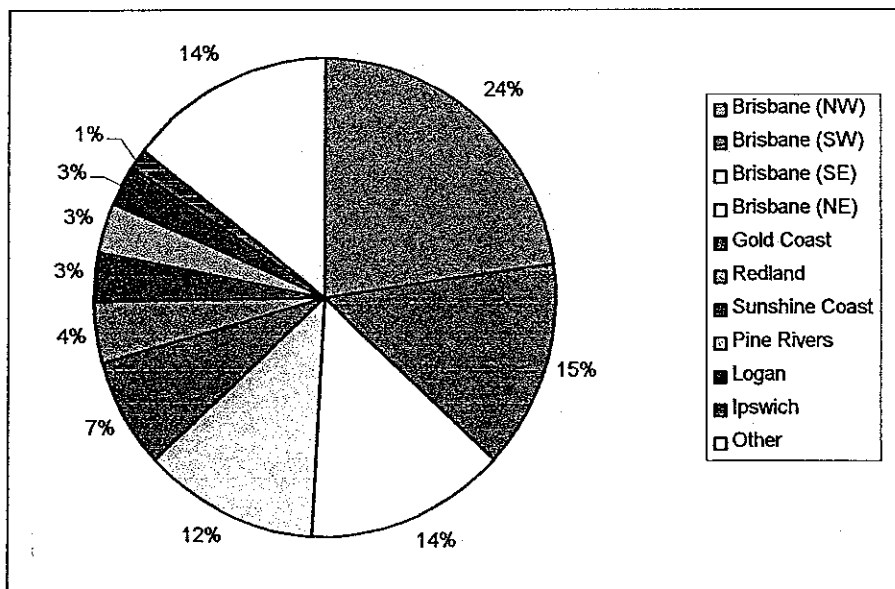
Redspots were nominated in 22 local authorities throughout Queensland. Six of these were in the Brisbane Metropolitan Area. Country redspots were scattered throughout Queensland, comprising 25.2 percent of the total number received.

Figure 2.1 shows how the redspot locations were proportionally distributed among local authorities.

To gain a better indication of redspot locations in Brisbane City, due to its large area and population, it was split into four sections (ie. north-east, north-west, south-east and south-west) with the Brisbane River being used to separate north from south. Gympie Road and Lutwyche Road are used to divide the sections in the north and the South-East Freeway the sections in the south. Brisbane City redspots were mainly concentrated in the inner areas of the city and those suburbs close to an arterial road, especially in the northern suburbs.

APPENDIX B contains a complete record of the local authorities represented.

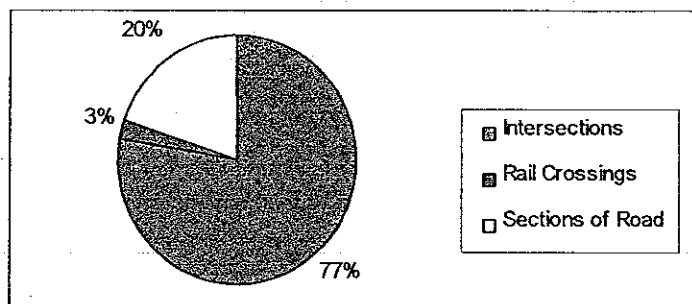
Figure 2.1
The Proportional Distribution of Redspot Locations by Local Authority



2.2 LOCATION BY TYPES

The type of problem for each redspot location was put into three categories; intersection, section of road and rail crossing. Their proportional distribution is shown in Figure 2.2. APPENDIX B contains a complete record of the type of redspots represented,

Figure 2.2
The Proportional Distribution of Redspot Locations by Type



2.3 CAUSES OF DELAY

As outlined in the introduction, members were asked to note the causes of the delays at their redspot. Most were able to allocate the causes to one of the categories supplied. Figure 2.3 shows the proportional distribution of causes of delay. The breakdown of causes of delay by type of redspot is given in Table 2.1.

Figure 2.3
The Proportional Distribution of Causes of Delay

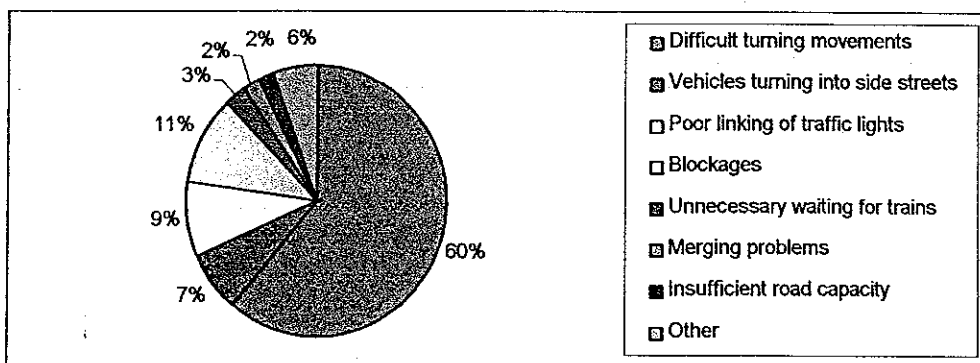




Table 2.1
Causes of Delay at Various Types of Redspots

CAUSE OF PROBLEM **	INTER-SECTION	SECTION OF ROAD	RAIL CROSSING	TOTAL	%
Difficult turning movements	116	15	0	131	61.2
Vehicles turning into side streets	11	4	0	15	7.0
Poor linking of traffic lights	18	1	0	19	8.9
Blockages	9	14	0	23	10.7
Unnecessary waiting for trains	0	0	6	6	2.8
Merging problems	3	1	0	4	1.9
Insufficient road capacity	1	3	0	4	1.9
Other	8	4	0	12	5.6
TOTAL	166	42	6	214	100.0

** "Potential for crashes" was not seen as the major cause for any responses but made up 34.1% of supplementary causes.

It is apparent that more than three-fifths of all redspots highlighted problems with turning movements at intersections. The poor linking of traffic lights at intersections also featured highly. Many of the responses related to the duration of the green light phase. However, others noted subsequent intersections where signals did not appear to be synchronised.

Rail crossings, understandably, were the subject of unnecessary waiting for trains. Specific details of the worst of these intersections, sections of road and rail crossings are given in the following sections.



More than half of all redspots highlighted problems with turning movements at intersections. The poor linking of traffic lights at intersections also featured highly. Many of the responses related to the duration of the green light phase. However, others noted subsequent intersections where signals did not appear to be synchronised. Rail crossings, understandably, were the subject of unnecessary waiting for trains.

APPENDIX B shows a complete record of redspots by cause and the expected time of delay.

3.0 DISCUSSION OF RESULTS

3.1 INTERSECTION REDSPOTS

3.1.1 Top fifteen reported intersections

Intersections accounted for 67.8 percent of redspot responses. In the Brisbane Metropolitan area, traffic density at intersections is much higher than in country areas. Therefore, it is understandable that most of the problems reported were in the metropolitan area.

Of the intersections identified, 28.4 percent received more than one response and 15.4 percent more than two. The fifteen intersections listed in Table 3.1 comprise 9.9 percent of the total number of different intersections, however, they make up 28.7 percent of the intersection responses received.

3.1.2 Member comments and solutions for intersections

Turning at Intersections

The majority of problems encountered at intersections were difficulties with turning movements.

Right turn movements were congested for a number of reasons. The most common reasons were:

- ▶ high volumes of oncoming traffic making turns difficult;
- ▶ insufficient length of turning arrow phase;
- ▶ red arrow showing during periods of light traffic; and
- ▶ through traffic blocking entry to right turn lane.



Table 3.1
Top Fifteen Reported Intersections

RANK	INTERSECTION	PROBLEMS IDENTIFIED BY MEMBERS
1	Brunswick Street and Ann Street, Fortitude Valley	Left turn difficult as only three cars get through during any phase due to pedestrians crossing the road.
2	Bermuda Street and Hooker Boulevard, Broadbeach Waters	Constant delays as traffic lights have insufficient capacity for the number of cars passing through.
3	Logan Road and Newnham Road, Upper Mount Gravatt	Have to wait for green arrow even though no on-coming traffic is present.
4	Rode Road, Old Northern Road and Beckett Road, Everton Park	Roundabout not adequate for the traffic that uses it. Minor traffic flow legs are causing congestion to major flow legs.
5	Aerodrome Road and Maud Street, Maroochydore	Difficult right turn movement due to short green arrow phase.
6	West Street, Russell Street and Anzac Avenue, Toowoomba	Delays caused by insufficient road capacity at roundabout.
7	Rode Road and Gympie Road, Chermside	Difficult right turn movement due to on-coming traffic.
8	Zillmere Road and Gympie Road, Aspley	Difficult right turn movement due to short turning sequence.
9	Browns Plains Road and Beaudesert Road, Browns Plains	Turning difficult. Lanes not marked back far enough.
10	Alma Street and William Street, Rockhampton	Delays caused by a lack of road signing. Traffic lights needed.
11	Regatta Street and Wharf Street, Chelmer	Merging problems and insufficient road capacity leading up to bridge.
12	Herston Road and Bowen Bridge Road, Herston	Heavily trafficked intersection with short turning sequences.
13	Logan Road and Mount Gravatt - Capalaba Road, Upper Mount Gravatt	Difficult right turn movement.
14	Holland Road and Cavendish Road, Coorparoo	Right turn difficult at all times of the day.
15	Horizon Drive and Dandenong Road, Jamboree Heights	Right turn difficult and too long after school and evening peak. Traffic lights or roundabout needed.



The most common solutions to these problems suggested by the members were:

- ▶ provide green arrow phase;
- ▶ give more time for right turn phases;
- ▶ install traffic lights;
- ▶ turn off red arrows when traffic is light;
- ▶ install a roundabout at the intersection; and
- ▶ introduce or extend right turn lane.

Left turn movements account for less than 10 percent of turning problems reported. Problems were mainly related to the inadequacy of left turn lanes.

Signal Linking and Timing

Many intersection problems were seen to be caused by the poor linking of traffic signals. In most cases for intersections, a better description of the problem would be poor *timing* of signals. The following details were provided by members to explain the problem:

- ▶ one road at the intersection has too much priority;
- ▶ green time is not long enough;
- ▶ lights are not well synchronised;
- ▶ red arrow used when it is not necessary;
- ▶ red light briefly after green left turn arrow before green circle wastes time;
- ▶ the opposing straight ahead movement is delayed when the green arrow is displayed even though it is not necessary;
- ▶ turning movement blocked unnecessarily when train signals operating;
- ▶ presence detectors to be more responsive, especially on minor roads.

Solutions offered by members to overcome these problems included:

- ▶ redistribute phase times;
- ▶ increase green time; and
- ▶ link traffic lights better.



3.2 SECTIONS OF ROAD REDSPOTS

3.2.1 Top ten reported sections of road

Members were given the option of selecting a section of road as the site of their redspot. It was decided to also include rail crossings and intersections to determine the worst routes, as these do contribute to the frustrations encountered along any route. Some routes had several nearby sections of road, intersections and rail crossings nominated, giving an overall indication that the route deserved to be called a redspot route. The resulting worst ten route selections are presented in Table 3.2.

Table 3.2
Top Ten Reported Sections of Road

RANK	ROUTE SELECTION	PROBLEMS IDENTIFIED BY MEMBERS
1	Ipswich Motorway (between Redbank and Wacol)	Constant bottlenecks during peak hours due to too many exit/entry points and insufficient road capacity. Needs duplication.
2	South Pine Road (from Samford Road to Pickering Street), Enoggera	Delays caused by a mixture of problems including insufficient road capacity, bottleneck at roundabout, parked cars and waiting for trains.
3	Western Freeway, Indooroopilly	Bottleneck during morning peak leading up to roundabouts.
4	Milton Road, Auchenflower	Parked cars, bus stops, vehicles turning right and insufficient road capacity.
5	Nebo Road (over the Ron Camm Bridge), Mackay	Bridge too narrow. Evening peak congestion as the bridge is the main route through town as well as accessing new residential areas in the north.
6	Bruce Highway (on the Gunalda Range, north of Gympie)	Delays due to road being too narrow and meandering, constant road works and heavy vehicles.
7	Sandgate Road, Nundah	Bottleneck caused by insufficient road capacity and parked cars.
8	Thuringowa Drive, Thuringowa	A series of roundabouts, insufficient road capacity and school children crossing road causes delays during morning peak.
9	Jephson Street, Toowong	Parked cars mean delays as cars have to merge into one lane in both directions.
10	Wellington Road, East Brisbane	Parked cars mean delays as cars have to merge into one lane in both directions.



3.2.2 Member comments and solutions for sections of road

Although the top ten route selections were identified using all references to the route, the discussion of comments made by members is restricted to comments accompanying the nomination of the section of road redspot location. Comments for intersections are discussed in section 3.1 and for rail crossings in section 3.3.

Insufficient Road Capacity

When members were concerned about delays on sections of road, many of their complaints were about insufficient road capacity (e.g. a high standard road of two or more lanes each way narrowing to one lane each way). This was indicated through comments like the following:

- ▶ three lanes merge into one;
- ▶ road narrows;
- ▶ too much traffic for the width of the road; and
- ▶ bridge too narrow.

Solutions to the problem of insufficient road capacity were often not solutions that would be classified as simple. For example, duplicating the road or widening of the road was the suggestion for most of the problems, involving considerable capital expenditure.

Blockages

Apart from the delays caused by insufficient road capacity, there were some sections of road where the capacity was hindered by parked cars or bus stops at certain times of the day. Some of the problems received about this problem were:

- ▶ illegally parked cars at shops cause delay;
- ▶ parked cars cause sudden lane reductions;
- ▶ unrestricted parking prevents use of left lane; and
- ▶ when bus stops, one lane or the whole road is completely blocked.

The possible solutions given to many of these problems include administrative rather than physical changes. In many cases, there was a call for a clearway to be introduced or extended. To overcome illegal parking, members suggested increased enforcement during clearway hours. The bus stop problems could be overcome by either moving the bus stop or constructing a bus bay. The "Give Way to Buses" legislation would still give priority to buses leaving the bay to rejoin the traffic lane.



3.3 RAIL CROSSING REDSPOTS

3.3.1 Top three reported rail crossings

Delays at rail crossings can be amongst the most frustrating. Often motorists are required to wait at boom gates for a long time when no trains are crossing either before the train has arrived or between opposing directions of trains. In extreme cases, this frustration may cause drivers to make dangerous manoeuvres. The three most frustrating rail crossings are explained in Table 3.3.

Table 3.3
Top Three Railway Crossings

RANK	ROAD WITH RAIL CROSSING	PROBLEMS IDENTIFIED BY MEMBERS
1	Boundary Road near Coopers Plains station	Inefficient use of boom gates on an already busy intersection.
2	Denison Street, Rockhampton	Rail line runs parallel to this road causing delays to adjacent side streets.
3	Cavendish Road near Coorparoo station	Traffic moving in all directions is held up by trains.

3.3.2 Member comments and solutions for rail crossings

Unnecessary Waiting for Trains

Most member comments about rail crossing delays centred on the unnecessary waiting for trains. Despite varying rail crossing layouts, member comments were remarkably similar:

- ▶ boom gates go down too early;
- ▶ boom gates down for too long;
- ▶ train pulls into nearby station before using crossing, with boom gates already down; and
- ▶ having to wait between one train in one direction and one going in the opposite direction.



Poor Linking between Rail Crossing and Intersection Traffic Signals

The large number of rail crossings affected by nearby traffic signals was evident from the number of comments received about their poor linking:

- ▶ boom gates and pedestrian lights not linked well;
- ▶ rail lights not synchronised with traffic lights;
- ▶ it would be possible to run two signal cycles before train comes; and
- ▶ rail crossing not linked with nearby intersection.

Some solutions offered by members include:

- ▶ better co-ordination between boom gates and trains;
- ▶ where a station is before a rail crossing, boom gates should only operate after it leaves the station;
- ▶ more efficient peak hour timetabling so as trains travelling in the opposite direction meet at the crossing; and
- ▶ grade separation (i.e., overpass/underpass).



APPENDIX A
The Road Ahead Articles



Figure A1
Initial Article and Survey Form
(from page 42 of the June/July 1996 edition of "The Road Ahead")

What roads make you see red?

While road safety has been helped considerably by the identification of black spots — intersections or sections of road where a number of crashes have occurred — there are other spots on the road which cause hold-ups and make drivers see red.

Although road authorities monitor major routes throughout the state to ensure safer and more convenient driving conditions, they are unable to check every road all of the time. So the RACQ would like you to tell us if you know of a problem area — a road that makes you see red.

Major congestion problems are usually well known but the RACQ needs your help to identify annoying minor problems which cause delay.

"Red spots" may exist down the road in your own town or suburb, or out on the highway. Maybe you know of a road where traffic would flow more easily with a sign or improved line marking.

Do traffic lights change too quickly for the volume of cars waiting to get through?

Is there a place where drivers are always making U-turns, delaying other drivers and creating a hazard?

Railway crossings can be frustrating. Are there any crossings you know of where the boom gate is lowered too soon before trains cross?

Are there road narrowings that you think are badly placed, poorly marked, or inadequately signed?

Fill in the "red spots" coupon and you may help solve the problem. The RACQ will report problem areas to the relevant authorities. ■

Please provide details of your "red spot" on this coupon. You can leave the coupon at any RACQ office, post it to "RACQ Red Spots Reply Paid 5000", PO Box 4, Springwood 4127 (no stamp required) or fax it to the RACQ on (07) 3257 1863.

Your response would be appreciated by 30 August 1996.

If you have more than one "red spot", please copy this coupon and use a separate coupon for each spot.

Membership No: _____

Postcode: _____

Sex: M _____ F _____

Is your Red Spot (tick box):

an intersection a section of road a rail crossing

other (please specify) _____

Please describe the location of the Red Spot

Road _____

Suburb/town _____

Nearest intersecting road _____

Map reference

UBD/Refidex

Gregory's

Other

What is the direction of traffic most affected by the delay? _____

What day and time is the delay worst? _____

How long is the delay? _____

Tick what best describes the problem and give details to explain it:

difficult/congested turning movements _____

blockages like parked cars and bus stops _____

vehicles turning into side streets _____

poor linking of traffic lights _____

potential for crashes _____

unnecessary waiting for trains _____

other _____

Further explanation _____

Can you think of a solution to reduce the delay? _____



Figure A2
Follow Up Article Presenting Preliminary Results
(from page 27 of the October/November 1996 edition of "The Road Ahead")

news & features

Members see red

STORY BY JIM MATHERS

A number of Queensland roads and intersections have been criticised by motorists in a recent survey conducted by the RACQ.

The survey, which was run in the June/July edition of *The Road Ahead*, asked RACQ members to identify traffic "red spots" (roads or intersections which experience major traffic delays).

RACQ's traffic and safety manager, John Wikman, said most responses came from motorists in the Brisbane area.

According to preliminary results, the worst intersection is in Fortitude Valley, where motorists wanting to turn left into Ann Street from Brunswick Street experience considerable delays.

"Motorists say it's not unusual to endure five changes of lights while waiting for pedestrians to cross the road," Mr Wikman said.

"Many motorists suggested changing the signal phasing so that pedestrian and turning movements would not operate simultaneously."

Another problem was the lengthy delay motorists faced when turning right at a number of "red spots" (see table).

Mr Wikman said intersections were not the only "red spot" to raise the ire of south-east Queensland motorists.

"Some sections of road also were criticised for causing what were considered to be unreasonable delays," he said.

For example, Ipswich Motorway between Redbank and Wacol was criticised for the congestion created by merging traffic.

According to members, in the evenings vehicles merging from the right when coming off the Logan Motorway bring traffic to a standstill. Respondents suggested widening the motorway, building an alternative route or lowering the speed during peak hours to allow traffic to merge more efficiently.

Jephson Street, Toowong and Milton Road, Auchenflower also were criticised for congestion, mainly because cars parking in front of shops hindered traffic flow. Survey respondents also singled out Sandgate Road at Nundah for being too narrow and for hampering traffic with on-road parking.

Mr Wikman said railway crossings were also a bone of contention.

"For example, frustrated motorists are complaining about lengthy delays at the Coopers Plains railway crossing, where Boundary Road intersects with Orange Grove and Beenleigh roads," he said.

"The operation of the boom gate here

results in a considerable bank up of cars while trains are at the station, with delays of up to 10 minutes reported.

"Motorists have suggested better co-ordination between the boom gates and trains, with the possibility of an overpass being built in the future."

While Brisbane city and suburban "red spots" dominated the responses received through the survey, a number of country road problems also were identified.

The Bruce Highway in particular, Mr Wikman said, was heavily criticised, with the section just north of Gympie being nominated as the worst.

"Motorists complained of long delays between Gunalda and Glenwood, due to the road being narrow and meandering, constant road works and heavy vehicles making their way up the range," he said.

"Other areas identified include the rail crossings in Denison Street, Rockhampton, Thuringowa Drive in Townsville, and the Ron Camm Bridge in Mackay."

Mr Wikman said RACQ's traffic and safety department was currently evaluating all responses to the "red spots" survey. A report will be available when all results are finalised and the RACQ will liaise with the relevant authorities.

TRA

Worst right turn intersections

Location	Right turn	Reported delay	Solution suggested by members
Aspley	Zillmere Rd into Gympie Rd	3 changes of lights	Lengthen turn sequence
Chermside	Rode Rd into Gympie Rd	Up to 10 minutes at peak times	Install turning arrows and fix timing of lights
Upper Mt Gravatt	Logan Rd into Newnham Rd	4 minutes at all times	No need for red arrow, only amber
Holland Park	Holland Rd into Cavendish Rd	4 changes of lights, with 4 cars getting through on a cycle	Lengthen green light phase
Jamboree Heights	Horizon Dve into Dandenong Rd	5 minutes at peak times and after school	Install traffic lights or roundabout
Broadbeach Waters	Bermuda St into Hooker Blvd	8 minutes at peak times, 3 changes of lights at other times	Overpass
Maroochydore	Aerodrome Rd into Maud St	5 minutes at all times	Lengthen green arrow phase or install roundabout



APPENDIX B Full List of Redspots

Coded Causes and Supplementary Causes

CODE #	CAUSE/SUPPLEMENTARY CAUSE
1	Difficult/congested turning movement
2	Vehicles turning into side streets
3	Poor linking of traffic lights
4	Blockages (e.g., parked cars)
5	Unnecessary waiting for trains
6	Merging problems
7	Insufficient road capacity
8	Potential for crashes
9	Other

(Note: All locations and associated information has been supplied by RACQ members)



METROPOLITAN NORTH REDSPOTS

(Note: All causes, details and solutions are those offered by RACQ members.)

Albion

Postcode: 4010 Local Authority: Brisbane (NE)

Albion Five Ways

UBD: 140 (E14) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): -
Direction: -
Details: drivers doing u-turns at traffic lights
Solution: -

Bimbil Street/Abbotsford Road

UBD: 140 (E15) Cause: 2 Supplementary Cause: - Time Affected: am peak Delay (min): 2
Direction: inbound
Details: drivers turning into Bimbil Street can cause considerable delays, particularly when outbound traffic is heavy
Solution: no right turn during morning peak

Sandgate Road/Bonney Avenue

UBD: 140 (F13) Cause: 2 Supplementary Cause: - Time Affected: am peak Delay (min): 3
Direction: inbound
Details: drivers turning right into Bonney Avenue cause considerable delays, particularly when buses block left lane at school
Solution: no right turn during peak hours or widen road and provide a right turn lane

Ashgrove

Postcode: 4060 Local Authority: Brisbane (NW)

Ashgrove Avenue/Waterworks Road

UBD: 139 (B20) Cause: 1 Supplementary Cause: 2 Time Affected: peak Delay (min): varies
Direction: all
Details: cars illegally parked on road - constant u-turns from both directions
Solution: a small barrier down centre of Ashgrove Avenue from intersection to stop u-turns

Jubilee Terrace/Waterworks Road

UBD: 158 (R1) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 6
Direction: traffic on Waterworks Road travelling to City
Details: difficulty seeing oncoming traffic when turning across Waterworks Road onto Jubilee Terrace
Solution: green arrow

Aspley

Postcode: 4034 Local Authority: Brisbane (NE)

Gayford Street/Gympie Road

UBD: 119 (L3) Cause: 6 Supplementary Cause: - Time Affected: peak Delay (min): varies
Direction: northbound
Details: difficulty in merging into Gympie Road - road is restricted to one lane at intersection
Solution: widen to two lanes and incorporate the entering traffic into traffic lights

Gympie Road/Webster Road

UBD: 119 (N9) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 6
Direction: turning right from Webster Road into Gympie Road
Details: congested right turn movement
Solution: green arrow



Gympie Road/Zillmere Road

UBD: 119 (L1) Cause: 1 Supplementary Cause: 3 Time Affected: pm peak Delay (min): 4
Direction: turning right from Zillmere Road into Gympie Road and vice versa
Details: traffic lights stay green only long enough for a handful of cars to turn right
Solution: increase the time given for green signal

Maundrell Terrace/Horn Road

UBD: 119 (K7) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): -
Direction: turning right into Horn Street
Details: cars sit in middle of intersection waiting for a break in the traffic or a green arrow to turn - sometimes cars get stranded in middle of road when lights change
Solution: green arrow on each change of lights instead of every second or third

Zillmere Road/Dorville Road

UBD: 119 (M1) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 1
Direction: east
Details: left lane for Dorville Road traffic only - two lanes turn right from Gympie Road into Zillmere Road then have to unnecessarily merge into one before Dorville Road
Solution: widen Zillmere Road beside caravan park to two lanes

Auchenflower

Postcode: 4066 Local Authority: Brisbane (NW)

Milton Road (between Torwood Street and Croydon Street)

UBD: 159 Cause: 2 Supplementary Cause: 4 Time Affected: all times Delay (min): varies
Direction: both
Details: especially right turns which block both directions of traffic
Solution: right turning lanes or disallow them

Milton Road (near Grimes Street)

UBD: 159 (B13) Cause: 4 Supplementary Cause: - Time Affected: non peak Delay (min): 1
Direction: outbound
Details: two lanes suddenly become one at a popular little shopping centre on a busy road
Solution: clearway during the day

Bald Hills

Postcode: 4036 Local Authority: Pine Rivers

Bruce Highway/Gateway Arterial

UBD: 99 (I15) Cause: 6 Supplementary Cause: - Time Affected: pm peak Delay (min): 15
Direction: northbound
Details: four lanes merging into two lanes
Solution: shorten fourth lane so traffic merges 4-3 then 3-2

Linkfield Road/Lacey Road

UBD: 109 (L10) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 5
Direction: turning right from Linkfield Road into Lacey Road
Details: congested right turn movement
Solution: roundabout



Banyo

Postcode: 4014 Local Authority: Brisbane (NE)

St Vincents Road (crossing at Banyo Station)

UBD: 121 (C9) Cause: 5 Supplementary Cause: - Time Affected: am peak Delay (min): 3
Direction: bothways
Details: -
Solution: -

Bardon

Postcode: 4065 Local Authority: Brisbane (NW)

Jubilee Terrace/Coopers Camp Road/MacGregor Street

UBD: 158 (P5) Cause: 3 Supplementary Cause: 4 Time Affected: peak Delay (min): 10
Direction: inbound
Details: parked cars in Jubilee Tce between Belmont Tce and Coopers Camp Rd reduce traffic to one lane
Solution: parking restrictions

Rainworth Road/Boundary Road/Rouen Road

UBD: 158 (Q10) Cause: 4 Supplementary Cause: 1 Time Affected: peak Delay (min): -
Direction: east - west
Details: roundabout (parking on side of streets)
Solution: widen, ban parking, reposition traffic guide

UBD: 158 (Q10) Cause: 6 Supplementary Cause: 1 Time Affected: all times Delay (min): -
Direction: north - south
Details: two lanes on approach but no markings on roundabout
Solution: continue linemarkings

Boondall

Postcode: 4034 Local Authority: Brisbane (NE)

Zillmere Road/Sandgate Road

UBD: 120 (M4) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): -
Direction: turning right from Zillmere Road
Details: traffic lights give priority to Sandgate Road - only northbound (Sandgate) is controlled by lights
Solution: -

Bowen Hills

Postcode: 4006 Local Authority: Brisbane (NW)

Abbotsford Road (near Burrows Street)

UBD: 140 (D16) Cause: 4 Supplementary Cause: - Time Affected: peak Delay (min): 1
Direction: outbound
Details: ignorant drivers parking in clearway zones creating unexpected bottleneck
Solution: create a 1800 number to report offenders

Campbell Street

UBD: 18 Cause: 5 Supplementary Cause: 1 Time Affected: pm peak Delay (min): 20
Direction: from Bowen Bridge Road to Mayne Street
Details: -
Solution: delay goods train until after peak or build overpass



O'Connell Terrace/Wren Street

UBD: 18 (R2) Cause: 1 Supplementary Cause: 8 Time Affected: pm peak Delay (min): 10
Direction: traffic going down O'Connell Terrace to Bowen Bridge Road
Details: cars turning right from Wren Street down O'Connell Terrace
Solution: -

Bracken Ridge

Postcode: 4017 Local Authority: Brisbane (NE)

Bracken Street/Bracken Ridge Road

UBD: 110 (D2) Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): varies
Direction: turning right into Bracken Ridge Road
Details: heavy traffic coming from Strathpine and Arterial Road - child care centre at corner adding to the amount of traffic entering road
Solution: traffic lights/roundabout

Norris Road/Telegraph Road

UBD: 109 (P10) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 5
Direction: turning right from Norris Road into Telegraph Road
Details: many drivers do u-turn to avoid bottleneck
Solution: traffic lights

Bridgeman Downs

Postcode: 4035 Local Authority: Brisbane (NW)

Albany Creek Road/Bridgeman Road

UBD: 109 (B20) Cause: 9 Supplementary Cause: - Time Affected: all times Delay (min): -
Direction: turning right from Bridgeman Road into Albany Creek Road going towards Albany Creek
Details: vehicles from the other side of the intersection turning left towards Albany Creek do not give way to oncoming vehicles
Solution: enforcement

Chapel Hill

Postcode: 4069 Local Authority: Brisbane (NW)

Tinbeerwah Place/Goolman Street

UBD: 177 (N4) Cause: 4 Supplementary Cause: 1 Time Affected: peak Delay (min): -
Direction: both ways
Details: small and narrow cul-de-sac with cars parked along both sides creating delays
Solution: no standing

Chermside

Postcode: 4032 Local Authority: Brisbane (NW)

Gympie Road/Hamilton Road

UBD: 119 (R14) Cause: 1 Supplementary Cause: - Time Affected: night Delay (min): 2
Direction: turning right in all directions
Details: unnecessary delays caused by turn arrows at above intersection
Solution: little need for arrow after 7pm as low traffic volumes

Gympie Road/Rode Road

UBD: 119 (M17) Cause: 1 Supplementary Cause: 3 Time Affected: am peak Delay (min): 6
Direction: turning right from Rode Road into Gympie Road inbound
Details: there are green arrows for traffic on Gympie Road wishing to turn but not on Rode Road - cars wait in middle of intersection - rat running to avoid intersection
Solution: widen Rode Road and provide green arrows and turning lanes



Rode Road/Webster Road

UBD: 119 (M17) Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): -
Direction: west
Details: all turns
Solution: extend peak period phasing of lights to begin at 3pm

City

Postcode: 4000 Local Authority: Brisbane (NW)

Alice Street

UBD: 22 Cause: 4 Supplementary Cause: - Time Affected: pm peak Delay (min): 5
Direction: outbound
Details: cars continually park in clearway areas causing delays to traffic trying to enter SE Freeway
Solution: enforcement

Petrie Terrace/Secombe Street

UBD: 18 (C16) Cause: 9 Supplementary Cause: - Time Affected: peak Delay (min): 5
Direction: outbound towards Normanby Five Ways
Details: bus lane in entire left lane going into Secombe Street, therefore traffic has to cram into two lanes
Solution: widen road/do not allocate bus lane on such a bust road

Upper Edward Street

UBD: 18 (L16) Cause: 4 Supplementary Cause: 3 Time Affected: pm peak Delay (min): 3
Direction: inbound
Details: cars are parked in clearway area which means two lanes have to merge into one
Solution: enforcement

Upper Roma Street

UBD: 18 Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): varies
Direction: outbound to Milton Road
Details: have to enter bus lane to turn left down Milton Road
Solution: very confusing, do not use bus lane because road too congested already

William Street

UBD: 22 Cause: 4 Supplementary Cause: - Time Affected: pm peak Delay (min): 20
Direction: towards parliament house
Details: parked cars (mainly from the university) interfere with cars trying to get onto the freeway - cars bank back to Turbot Street
Solution: remove parking spots

Clayfield

Postcode: 4011 Local Authority: Brisbane (NE)

Junction Road/Sandgate Road

UBD: 140 (L7) Cause: 1 Supplementary Cause: 3 Time Affected: all times Delay (min): 6
Direction: down Junction Road
Details: when travelling in an east-west direction, there is no arrow to turn right
Solution: turning arrow



Deagon

Postcode: 4017 Local Authority: Brisbane (NE)

Depot Road/Gateway Arterial on-off ramp

UBD: 110 (H9) Cause: 3 Supplementary Cause: 2 Time Affected: pm peak Delay (min): -

Direction: westbound

Details: whenever there is traffic turning right onto the Gateway Ramp, the westbound traffic is stopped by red lights

Solution: allow the straight ahead traffic to proceed with turn right traffic

Enoggera

Postcode: 4051 Local Authority: Brisbane (NW)

South Pine Road (from Samford Rd to Pickering Street)

UBD: 139 Cause: 1 Supplementary Cause: 2 Time Affected: pm peak Delay (min): 10

Direction: outbound

Details: traffic banks back because there is no right turn lane at Alderley Ave or Hall St or Farrington St - the rail x-ing delays traffic as well as Raymond Rd traffic stopping the longer outbound queues on South Pine Road

Solution: traffic signals to control Raymond Road traffic at peak times - investigate timing for controls at level crossing or construct overpass

Everton Park

Postcode: 4053 Local Authority: Brisbane (NW)

Old Northern Road/Rode Road/Queens Road/Beckett Road

UBD: 118 (P14) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 10

Direction: all

Details: roundabout - the lights on Queens Road now causes more congestion along Beckett Road in the mornings

Solution: overpass

South Pine Road (near Sizer Street)

UBD: 139 Cause: 4 Supplementary Cause: - Time Affected: peak Delay (min): -

Direction: inbound

Details: road is 4 lanes with a median strip about 1 lane wide - when cars are parked outside the library, one lane is blocked requiring merging traffic

Solution: reduce width of median strip

Ferny Grove

Postcode: 4055 Local Authority: Brisbane (NW)

Connavalla Street/Arbor Street

UBD: 137(L1) Cause: 1 Supplementary Cause: 5 Time Affected: am peak Delay (min): 4

Direction: all ways

Details: -

Solution: lights on Samford Road

Fortitude Valley

Postcode: 4006 Local Authority: Brisbane (NE)

Ann Street/Brunswick Street

UBD: 19 (C12) Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): 10

Direction: turning left from Brunswick Street into Ann Street

Details: cars turning left into Ann Street must wait for pedestrians to cross lights - only 3 cars get through

Solution: coordinate lights



Gipps Street/St Pauls Terrace

UBD: 18 (R10) Cause: 4 Supplementary Cause: - Time Affected: all times Delay (min): 2
Direction: all
Details: traffic turning right from Gipps Street into St Pauls Terrace block traffic in St Pauls Terrace in both directions
Solution: enforcement

Geebung

Postcode: 4034 Local Authority: Brisbane (NE)

Newman Road/Robinson Road

UBD: 120 (G6) Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): varies
Direction: all
Details: two unsignalised pedestrian crossings
Solution: an integrated traffic light system on both sides of railway line

Herston

Postcode: 4006 Local Authority: Brisbane (NW)

Bowen Bridge Road/Herston Road

UBD: 18 (P4) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): varies
Direction: traffic from hospital turning left to get into centre lane to turn right into Campbell Street
Details: vehicles cannot get out into Bowen Bridge Road
Solution: upgrade intersection

Indooroopilly

Postcode: 4068 Local Authority: Brisbane (NW)

Western Freeway

UBD: 178 Cause: 7 Supplementary Cause: 9 Time Affected: am peak Delay (min): 10
Direction: inbound
Details: always congested in the mornings - traffic banks back for several kilometres
Solution: widen road - change roundabouts to overpass

Jubilee

Postcode: 4065 Local Authority: Brisbane (NW)

Jubilee Terrace/Arthur Terrace

UBD: 158 (R2) Cause: 3 Supplementary Cause: - Time Affected: am peak Delay (min): 3
Direction: south from Waterworks Road
Details: no synchronisation with Waterworks Road lights
Solution: fix timing of lights

Kallangur

Postcode: 4503 Local Authority: Pine Rivers

Anzac Avenue/School Road

UBD: 89 (A14) Cause: 1 Supplementary Cause: 8 Time Affected: pm peak Delay (min): 6
Direction: turning left from northern end of School Road towards Petrie
Details: peak hour traffic coming off highway up Dohles Rocks Road heading north
Solution: arrow for right turns while pedestrians are crossing



Kelvin Grove

Postcode: 4059 Local Authority: Brisbane (NW)

Herston Road/Kelvin Grove Road

UBD: 159 (G1) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 1
Direction: inbound on Kelvin Grove Road
Details: traffic signal phasing - there is no green left turn arrow for traffic turning left from Kelvin Grove into Herston Road when traffic get a green light in Herston Road
Solution: add a green left turn arrow to let traffic turn left

Kenmore

Postcode: 4069 Local Authority: Brisbane (NW)

Moggill Road/Brookfield Road

UBD: 177 (M8) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 2
Direction: all
Details: stupid exit off roundabout into shopping centre car park
Solution: remove roundabout

Keperra

Postcode: 4054 Local Authority: Brisbane (NW)

Dawson Parade

UBD: 138 (E) Cause: 2 Supplementary Cause: - Time Affected: peak Delay (min): varies
Direction: both
Details: traffic turning into driveways - there is a crest in the road making it hard to turn into driveways safely - you can not see oncoming cars until they are on top of you
Solution: level the crest or provide safe turning space

Kippa Ring

Postcode: 4021 Local Authority: Redcliffe

Anzac Avenue/Kappella Street

UBD: 91 (G4) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 4
Direction: turning right into Kappella Street
Details: traffic that is going west along Anzac Avenue and then turning into Captain Cook Tavern
Solution: right turn arrow

Milton

Postcode: 4064 Local Authority: Brisbane (NW)

Cribb Street

UBD: 159 (G11) Cause: 1 Supplementary Cause: 2 Time Affected: pm peak Delay (min): 20
Direction: heading towards Coronation Drive
Details: if you turn from Milton Road into Cribb Street, traffic entering from Railway Terrace and McDougall Street jump the queue and delay everyone
Solution: centre island along Cribb Street

Haig Road/Fernberg Road/Heussler Tce/Baroona Rd

UBD: 17 (H19) Cause: 1 Supplementary Cause: - Time Affected: - Delay (min): -
Direction: -
Details: traffic coming to intersection has only one green light when faced with a 'V' junction - it is not known whether it means for one road only or both
Solution: instead of one green light, place two green arrows in 'V' formation



Mitchelton

Postcode: 4053 Local Authority: Brisbane (NW)

Blackwood Street

UBD: 138 (K5) Cause: 5 Supplementary Cause: - Time Affected: am peak Delay (min): 10
Direction: both
Details: lack of co-ordination between when boom gates go down and when train goes through
Solution: better co-ordination

Murrumba Downs

Postcode: 4503 Local Authority: Pine Rivers

Dohles Rocks Road/Bruce Highway

UBD: 99 (L4) Cause: 6 Supplementary Cause: - Time Affected: am peak Delay (min): 15
Direction: both
Details: merging traffic and slower vehicles not keeping left
Solution: signs saying "slow drivers keep left"

Newmarket

Postcode: 4051 Local Authority: Brisbane (NW)

Newmarket Road/Baradine Street

UBD: 139 (H16) Cause: 9 Supplementary Cause: - Time Affected: am peak Delay (min): 2
Direction: travelling west along Newmarket Road and turning left into Baradine
Details: unwarranted red turn phase when no pedestrian traffic is crossing - there used to be a green arrow which let traffic turn left when Baradine traffic was given green light to proceed
Solution: restore the green arrow phase

Northgate

Postcode: 4013 Local Authority: Brisbane (NE)

Toombul Road/Melton Road

UBD: 121 (A17) Cause: 3 Supplementary Cause: - Time Affected: non-peak Delay (min): varies
Direction: Toombul Road - both directions
Details: there are red arrows at all times (including 3am in the morning) - a turning vehicle must wait until a cycle is triggered
Solution: eliminate the red arrow after 10 seconds of the main light turning green

Toombul Road/Nudgee Road

UBD: 121 (B19) Cause: 1 Supplementary Cause: - Time Affected: night Delay (min): 3
Direction: all
Details: Toombul Road lights wired to show green light and green arrow even when there is no traffic at 3am in the morning
Solution: rewire the lights

Nundah

Postcode: 4012 Local Authority: Brisbane (NE)

Grace Street/Sandgate Road

UBD: 140 (M3) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): -
Direction: inbound
Details: incorrect use of merge lanes from Grace Street causing delays
Solution: -



Melton Road/Hows Road

UBD: 140 (N3) Cause: 1 Supplementary Cause: 2 Time Affected: - Delay (min): -
Direction: travelling along Melton Road
Details: along Melton Road is a stop sign - should be on Hows Road as there is little traffic on it
Solution: -

Melton Road/Toombul Shopping Centre exit

UBD: 140 (N3) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 10
Direction: coming out of Toombul Shopping Centre
Details: constant flow of traffic in Melton Road
Solution: lights

Sandgate Road (through Nundah Shopping Centre)

UBD: 140 Cause: 4 Supplementary Cause: - Time Affected: all times Delay (min): 2
Direction: northbound
Details: parked cars outside shops
Solution: no parking anytime

Paddington

Postcode: 4064 Local Authority: Brisbane (NW)

Caxton Street/Castlemaine Street/Dowse Street

UBD: 159 (H8) Cause: 2 Supplementary Cause: - Time Affected: peak Delay (min): varies
Direction: westward
Details: cars often turn right into Dowse Street blocking traffic behind
Solution: no right turn or a right turn lane

Fernberg Road/Guthrie Street

UBD: 159 (D8) Cause: 9 Supplementary Cause: - Time Affected: - Delay (min): -
Direction: -
Details: unclear road markings - centre road line turns into Guthrie Street whereas those in Fernberg Road have right of way
Solution: change road markings to continue along Fernberg Road

Petrie

Postcode: 4502 Local Authority: Pine Rivers

Anzac Avenue/Whites Road

UBD: 98 (M2) Cause: 2 Supplementary Cause: - Time Affected: peak Delay (min): -
Direction: northbound
Details: the danger of accidents with the loss of one lane while vehicle waits to do right turn to Whites Road - added danger of pedestrian crossing nearby
Solution: access of northbound vehicles to this area execute through roundabout and then left turn into Mill Street

Anzac Avenue/Young Street

UBD: 98 (M2) Cause: 2 Supplementary Cause: - Time Affected: - Delay (min): -
Direction: southbound
Details: the danger of accidents with the loss of one lane while vehicles wait to do right turn into Young Street
Solution: access to Young Street through nearby roundabout and then left hand turn into Young Street via Patterson Street



Red Hill

Postcode: 4059 Local Authority: Brisbane (NW)

Musgrave Road/Hale Street

UBD: 159 (J6) Cause: 3 Supplementary Cause: - Time Affected: am peak Delay (min): 2
Direction: all
Details: lights for turns seem to be geared for pm peak only
Solution: reset lights

Redcliffe

Postcode: 4020 Local Authority: Redcliffe

Crawford Street/Victoria Avenue

UBD: 91 (M7) Cause: 4 Supplementary Cause: - Time Affected: pm peak Delay (min): -
Direction: east
Details: cars park on northside of street alongside unbroken line causing vehicles travelling east to cross line with potential to collide with vehicles turning left from Victoria Avenue into Crawford Street
Solution: no parking sign - enforcement

Rothwell

Postcode: 4022 Local Authority: Redcliffe

Wattle Street/Anzac Avenue

UBD: 80 (N19) Cause: 1 Supplementary Cause: 2 Time Affected: am peak Delay (min): 15
Direction: -
Details: people dropping children off - people trying to beat traffic on Anzac Avenue to get to Wattle Street
Solution: traffic lights

Stafford

Postcode: 4053 Local Authority: Brisbane (NW)

Shand Street/Stafford Road

UBD: 139 (G4) Cause: 3 Supplementary Cause: - Time Affected: peak Delay (min): 4
Direction: north
Details: turning lane and lights from Shand Street into Stafford Road travelling east are far too short - at most 3 cars get through
Solution: extend time for turning

Stafford Road (near Cutbush Street)

UBD: 139 (B3) Cause: 4 Supplementary Cause: - Time Affected: all times Delay (min): -
Direction: eastbound
Details: especially bad around Cutbush Street and Everton Park shopping centre
Solution: stop cars parking here

Stafford Road/Webster Road

UBD: 139 (L5) Cause: 3 Supplementary Cause: - Time Affected: peak Delay (min): 3
Direction: right turn movements from all directions
Details: not enough time is given for green arrow to turn right - only 4 cars get through
Solution: increase the time given for green arrows

Webster Road

UBD: 139 (K6) Cause: 4 Supplementary Cause: - Time Affected: school Delay (min): -
Direction: northbound
Details: a parking problem which causes moving traffic to go around it (between Hayward and Lindley Streets) - traffic in this lane has to veer into the right lane to pass parked cars
Solution: no parking zone



Stafford Heights

Postcode: 4053 Local Authority: Brisbane (NW)

Wilgarning Street/Warma Street/Pangeza Street

UBD: 139 (L2) Cause: 1 Supplementary Cause: 2 Time Affected: all Delay (min): varies
Direction: westbound
Details: -
Solution: ban right turns

Strathpine

Postcode: 4500 Local Authority: Pine Rivers

Gympie Road/Bells Pocket Road/Samsonvale Road

UBD: 98 (Q17) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): -
Direction: turning left from Bells Pocket Road into Gympie Road
Details: traffic is delayed behind offenders trying to turn right from Gympie Road into Bells Pocket Road - vehicles wait for break in traffic flow from RHS are suddenly confronted by cars that have u-turned in front of them
Solution: enforcement

Gympie Road/South Pine Road

UBD: 109 (A1) Cause: 3 Supplementary Cause: 1 Time Affected: - Delay (min): -
Direction: turning right into South Pine Road
Details: prolonged use of red arrow - good vision drivers are frustrated by long waits with no or little northbound traffic trying to do right hand turn
Solution: suggest red arrow only for first half of green light time

Taringa

Postcode: 4068 Local Authority: Brisbane (NW)

Goldsbrough Road/Hillsdon Road

UBD: 178 (J1) Cause: 4 Supplementary Cause: 1 Time Affected: pm peak Delay (min): -
Direction: turning into Goldsbrough Road from any direction
Details: cars parked near corner shop force turning traffic to proceed without full visibility
Solution: enforcement

The Gap

Postcode: 4061 Local Authority: Brisbane (NW)

Payne Road

UBD: 158 (D1) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 10
Direction: inbound
Details: bank up of traffic
Solution: make two lanes for about 200 metres up to Waterworks Road intersection

Payne Road/Paten Road

UBD: 158 (B2) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 5
Direction: turning right into Payne Road
Details: congested right turn movement
Solution: traffic lights

Settlement Road/Bromwich Street

UBD: 137 (P19) Cause: 4 Supplementary Cause: - Time Affected: pm peak Delay (min): varies
Direction: northbound along Settlement Road
Details: cars are parked legally but traffic is obscured for a long way
Solution: no parking on that part of the road



Toowong

Postcode: 4066 Local Authority: Brisbane (NW)

Burns Road/Moggill Road/Jephson Street

UBD: 158 (R19) Cause: 3 Supplementary Cause: - Time Affected: peak Delay (min): 3

Direction: Burns into Jephson

Details: not long enough time for Burns Road traffic to exit into Jephson Street or Moggill Road

Solution: longer time on traffic lights at peak hours

Jephson Street (between Sylvan Road and Sherwood Road)

UBD: 158 Cause: 4 Supplementary Cause: - Time Affected: all times Delay (min): varies

Direction: both

Details: one lane is not enough when people park on the side of the road - people even park there during peak times when they are not supposed to

Solution: no parking at all times or strict enforcement of current signs

Moggill Road/Brisbane Boys College entrance/exit

UBD: 158 (Q20) Cause: 2 Supplementary Cause: - Time Affected: school Delay (min): varies

Direction: outbound

Details: parents turning across inbound traffic to turn into BBC - chaos if bus is a bus stop

Solution: double lines and make them use Union Street

Windsor

Postcode: 4030 Local Authority: Brisbane (NW)

Lutwyche Road/Horace Street

UBD: 139 (R19) Cause: 2 Supplementary Cause: - Time Affected: peak Delay (min): varies

Direction: northbound

Details: -

Solution: ban right turn into Horace Street off Lutwyche Road

Zillmere

Postcode: 4034 Local Authority: Brisbane (NE)

Handford Road/Beams Road

UBD: 110 (C18) Cause: 9 Supplementary Cause: - Time Affected: non-peak Delay (min): 4

Direction: south/west

Details: poor operation of lights - the red turn arrow stays red unnecessarily

Solution: change the red arrow to its off condition after an initial safe period to allow traffic to turn right when there is no oncoming traffic

Handford Road/Dunsford Street

UBD: 120 (C3) Cause: 9 Supplementary Cause: - Time Affected: non-peak Delay (min): 4

Direction: south/west

Details: poor operation of traffic lights - right turn arrow stays red unnecessarily

Solution: change the red arrow to its off condition after an initial safety period to allow traffic to turn right when there is no oncoming traffic



METROPOLITAN SOUTH REDSPOTS

(Note: All causes, details and solutions are those offered by RACQ members.)

Annerley

Postcode: 4103 Local Authority: Brisbane (SW)

Aubigny Street/Ipswich Road

UBD: 179(Q14) Cause: 1 Supplementary Cause: 2 Time Affected: all times Delay (min): nil
Direction: right from Ipswich Road into Aubigny Street
Details: difficult when another car is waiting in Aubigny
Solution: make footpath smaller

Ipswich Road (near Annerley Road)

UBD: 180(A9) Cause: 4 Supplementary Cause: - Time Affected: pm peak Delay (min): 5
Direction: outbound
Details: parked cars parking outside shops after 4pm
Solution: enforcement

Villa Street/Ipswich Road

UBD: 179(R13) Cause: 1 Supplementary Cause: 4 Time Affected: peak Delay (min): 5-10
Direction: turning right onto Ipswich Road
Details: -
Solution: longer green light phase

Birkdale

Postcode: 4159 Local Authority: Redland

Birkdale Road/Old Cleveland Road East

UBD: 184(F7) Cause: 1 Supplementary Cause: 8 Time Affected: all times Delay (min): 5-10
Direction: turning right into Birkdale Road
Details: one lane crossing two lanes and turning into two lanes
Solution: either traffic lights or roundabout

Browns Plains

Postcode: 4118 Local Authority: Logan

Browns Plains Road/Beaudesert Road

UBD: 240(C16) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 5
Direction: east/west
Details: traffic lights don't give equal ratio
Solution: under/overpass

Browns Plains Road/Waller Road

UBD: 240(J16) Cause: 1 Supplementary Cause: 8 Time Affected: school Delay (min): varies
Direction: turning right into Browns Plains Road
Details: do not give way to straight through traffic
Solution: green arrow or right turning lane



Buranda

Postcode: 4102 Local Authority: Brisbane (SE)

Junction Street/O'Keefe Street

UBD: 180 (E4) Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): 15

Direction: turning right into O'Keefe Street

Details: -

Solution: bring Junction Street onto roundabout

Calamvale

Postcode: 4116 Local Authority: Brisbane (SW)

Beaudesert Road/Nottingham Road/Honeysuckle Way

UBD: 240 (F2) Cause: 1 Supplementary Cause: 2 Time Affected: am peak Delay (min): 4

Direction: eastbound

Details: cars turn into and out of service road at school - cars from Nottingham turn right from left hand lane frequently

Solution: pavement arrows at Nottingham and green arrows at lights

Camp Hill

Postcode: 4152 Local Authority: Brisbane (SE)

Old Cleveland Road/Wiles Street

UBD: 181(C1) Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): 5

Direction: turning right into Wiles Street

Details: -

Solution: green arrow

Capalaba

Postcode: 4157 Local Authority: Redland

Finucane Road

UBD: 184 Cause: 3 Supplementary Cause: - Time Affected: peak Delay (min): varies

Direction: both directions

Details: 4 sets of lights in less than one kilometre

Solution: better linking of lights

Ney Road/Redland Bay Road

UBD: 184 (C20) Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): 10

Direction: turning right from both Ney Road and Redland Bay Road

Details: -

Solution: turning arrow

Redland Bay Road/Andrew Street

UBD: 184(C19) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): varies

Direction: turning right into Redland Bay Road

Details: -

Solution: lights/no u-turns permitted

Carina Heights

Postcode: 4152 Local Authority: Brisbane (SE)

Winstanley Street/Creek Road

UBD: 181(L7) Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): 4

Direction: turning right into Creek Road

Details: no green arrow to allow a safe right hand turn into Creek Road

Solution: Green Arrow



Winstanley Street/Gallipoli Road

UBD: 181(J6) Cause: 1 Supplementary Cause: 8 Time Affected: pm peak Delay (min): 5
Direction: turning or moving straight through from Gallipoli Road
Details: there is a lack of opportunity for turning from Gallipoli Road into Winstanley Street
Solution: roundabout

Carindale

Postcode: 4152 Local Authority: Brisbane (SE)

Creek Road/Old Cleveland Road

UBD: 181(M4) Cause: 1 Supplementary Cause: 8 Time Affected: all times Delay (min): varies
Direction: turning right from Creek Road
Details: difficult to turn right towards Coorparoo
Solution: green arrow

Old Cleveland Road/Scrub Road

UBD: 182(B5) Cause: 1 Supplementary Cause: 8 Time Affected: am peak Delay (min): -
Direction: turning right from Scrub Road
Details: cars travelling through the lights from Scrub Rd. and then turning right to go outbound down Old Cleveland Rd. have only the one (inside lane) to turn right. Due to the volume of traffic, many cars use the outside lane.
Solution: pavement arrow/ "no u-turn permitted" sign

Chelmer

Postcode: 4068 Local Authority: Brisbane (SW)

Regatta Street/Wharf Street

UBD: 178 (J8) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 5-10
Direction: onto Walter Taylor Bridge
Details: very congested in the mornings as Oxley Road meets Honour Avenue to go over bridge
Solution: widen bridge

Chuwar

Postcode: 4306 Local Authority: Ipswich

Mount Crosby Road/Junction Road

UBD: 194 (B16) Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): 5
Direction: exiting Junction Road onto Mount Crosby Road
Details: cars turning right have to wait until Mt Crosby Road is free - this creates a bottleneck and delays cars wanting to turn right
Solution: a roundabout would solve all problems as there is a large right turn traffic flow - service station access would be more efficient too

Cleveland

Postcode: 4163 Local Authority: Redland

Middle Street/Wynyard Street

UBD: 185 (Q16) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): varies
Direction: both
Details: wide road with signs difficult to see
Solution: traffic island containing signs

Queens Street/Wellington Street

UBD: 185 (J17) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): -
Direction: turning right into Queen Street
Details: -
Solution: roundabout



Coopers Plains

Postcode: 4108 Local Authority: Brisbane (SW)

Beaudesert Road/Boundary Road

UBD: 199 (P15) Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): -
Direction: turning right from Beaudesert Road into Boundary Road (towards Acacia Ridge)
Details: motorists are taking too many chances because it is very difficult to get a break in the traffic
Solution: green arrow

Boundary Road

UBD: 200 (C16) Cause: 5 Supplementary Cause: - Time Affected: peak Delay (min): 15
Direction: all
Details: boom gates are uncoordinated with train arrivals and departures - lengthy delay in peak hours for such a busy road
Solution: overpass/better co-ordination

Coorparoo

Postcode: 4151 Local Authority: Brisbane (SE)

Cavendish Road/Clarence Street

UBD: 160(K20) Cause: 5 Supplementary Cause: 1 Time Affected: all times Delay (min): 5-10
Direction: both
Details: is worst when freight trains use the new standard line
Solution: overpass long overdue

Cavendish Road/Holland Road

UBD: 181 (A11) Cause: 1 Supplementary Cause: 3 Time Affected: peak Delay (min): 6
Direction: turning right from Holland Road into Cavendish Road towards Holland Park
Details: the light is just too short to turn right - buses and heavy vehicles make it harder - bus stop
Solution: increase green arrow time

Main Avenue/Old Cleveland Road

UBD: 180 (H4) Cause: 1 Supplementary Cause: 2 Time Affected: am peak Delay (min): varies
Direction: turning right from Main Street
Details: non-stop stream of traffic towards Stones Corner
Solution: traffic lights

Old Cleveland Road/Cavendish Road

UBD: 180 (L2) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 4
Direction: turning right into Old Cleveland Road towards Camp Hill
Details: no turning arrow so those turning right have to wait for oncoming traffic to clear
Solution: right turn arrow

Cornubia

Postcode: 4130 Local Authority: Logan

Mount Cotton Road/Beenleigh - Redland Bay Road

UBD: 264(P3) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 3
Direction: south on Mount Cotton Road turning right
Details: poor visibility at this intersection means traffic is delayed
Solution: traffic lights



Daisy Hill

Postcode: 4127 Local Authority: Logan

Lyndale Street/Daisy Hill Road

UBD: 243 (A7) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): varies
Direction: turning right into Lyndale Street
Details: not enough turning time - everyone runs red light
Solution: turning arrow or longer green phase in peak hours

East Brisbane

Postcode: 4169 Local Authority: Brisbane (SE)

Northcote Street/Lytton Road

UBD: 160 (F15) Cause: 2 Supplementary Cause: 8 Time Affected: pm peak Delay (min): -
Direction: outbound
Details: traffic congestion and near misses as cars in middle lane try to merge with vehicles in kerside lane
Solution: traffic turning into Northcote Street can turn right at the lights at Latrobe Tce then left into Mowbray Tce.

Shafston Avenue/Wellington Road/Lytton Road

UBD: 160 (D15) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): -
Direction: northbound on Wellington Road turning right into Lytton Road
Details: -
Solution: green arrow

Wellington Road (btw Stanley Street and Lytton Rd)

UBD: 160(D19) Cause: 4 Supplementary Cause: - Time Affected: am peak Delay (min): varies
Direction: inbound
Details: parking in clearways
Solution: enforcement/1800 number

Eight Mile Plains

Postcode: 4113 Local Authority: Brisbane (SW)

Bleasby Road/Logan Road

UBD: 201 (H17) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 10
Direction: north/inbound
Details: traffic entering Logan Road forms two lanes in Bleasby Road - one lane slips onto freeway on ramp approach, the other attempts to cross a lane to go to Mount Gravatt blocking northbound traffic on Logan Road
Solution: traffic lights or force traffic to use Padstow Road

Logan Road/Levington Road

UBD: 221 (N3) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 4
Direction: turning right from Logan Road into Levington Road
Details: difficult turning right into Levington due to on-coming traffic
Solution: turning arrow

Logan Road/Padstow Road

UBD: 201 (H18) Cause: 3 Supplementary Cause: - Time Affected: non-peak Delay (min): 6
Direction: outbound - turning right from Logan Road into Padstow Road
Details: during off peak periods, only 3 cars can turn from each lane - during peak times, turning time is adequate
Solution: adjust timing of lights



Oakleaf Street/Warrigal Road

UBD: 221 (F3) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 4
Direction: turning right from Oakleaf Street into Warrigal Road
Details: traffic up and down Warrigal Road and from Daw Road cause excessive delays turning right
Solution: traffic lights

Warrigal Road/Padstow Road

UBD: 201 (G18) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): varies
Direction: off Logan Road, along Padstow Road and left into Warrigal Road
Details: this intersection really has become busy for a roundabout - it takes too long to find a gap and people cut through the service station
Solution: traffic lights with turning lane

Gailes to Redbank

Postcode: 4300 Local Authority: Ipswich

Ipswich Motorway (in general)

UBD: 217 Cause: 6 Supplementary Cause: 7 Time Affected: peak Delay (min): 10
Direction: both
Details: congestion in morning (from Redbank to Darra) and afternoons (from Wacol to Goodna, especially around Logan motorway exit) due to merging problems
Solution: drop speed limit to 80km/h during peak times for more efficient merging/extend on ramps/build alternative route as road is too busy/widen

Greenslopes

Postcode: 4120 Local Authority: Brisbane (SE)

Logan Road/O'Keefe Street

UBD: 180 (E4) Cause: 1 Supplementary Cause: 9 Time Affected: pm peak Delay (min): 3
Direction: outbound
Details: due to delays leading up to the roundabout, drivers are not using the proper lane to make turns
Solution: enforcement or traffic lights

Highgate Hill

Postcode: 4101 Local Authority: Brisbane (SW)

Gloucester Street/Gladstone Road

UBD: 159 (M19) Cause: 1 Supplementary Cause: 4 Time Affected: all times Delay (min): 3
Direction: turning right from Gloucester Street
Details: parked cars block visibility - congested right turn movement
Solution: -

Ipswich

Postcode: 4305 Local Authority: Ipswich

Chermside Road/Griffith Road

UBD: 213 (J19) Cause: 1 Supplementary Cause: 8 Time Affected: all times Delay (min): 5
Direction: all ways
Details: -
Solution: traffic lights



Jamboree Heights

Postcode: 4074 Local Authority: Brisbane (SW)

Horizon Drive/Dandenong Road

UBD: 197 (K9) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 4

Direction: traffic exiting Horizon Drive right into Dandenong Road

Details: motorists get very frustrated as the cars bank up and tend to take unnecessary risks to achieve the turn

Solution: traffic lights/roundabout

Jindalee

Postcode: 4074 Local Authority: Brisbane (SW)

Centenary Highway/Seventeen Mile Rocks Overpass

UBD: 197 (Q1) Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): varies

Direction: outbound

Details: the turn off lane to exit left as soon as you pass the overpass is too short - cars slow down suddenly to negotiate the exit - speed limit of 100km/h

Solution: there is plenty of room to extend the turning lane

Kangaroo Point

Postcode: 4169 Local Authority: Brisbane (SE)

Baines Street/Main Street

UBD: 160 (B16) Cause: 1 Supplementary Cause: 9 Time Affected: am peak Delay (min): 1

Direction: westbound

Details: no pavement arrows - vehicles turning right onto Mains Road are supposed to use right lane but congestion results when motorists use left lane - motorists who turn right from right lane cannot move across to the left

Solution: install right turn arrows in both lanes of Baines Street

Main Street/River Terrace

UBD: 160 (B14) Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): 5-10

Direction: southbound

Details: two right turn lanes into intersection - only one out of intersection in River Terrace - Main Street through traffic now has only one lane with a bus stop in it

Solution: make middle lane straight ahead like it was six months ago

Kuraby

Postcode: 4112 Local Authority: Brisbane (SW)

Compton Road/Acacia Street

UBD: 221 (J17) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): varies

Direction: turning right from Acacia Street into Compton Road

Details: -

Solution: traffic lights or make a waiting bay for vehicles turning right

MacGregor

Postcode: 4109 Local Authority: Brisbane (SW)

Kessels Road/Mains Road

UBD: 200 (P12) Cause: 3 Supplementary Cause: - Time Affected: pm peak Delay (min): 15

Direction: travelling east

Details: -

Solution: fix timing of lights



Mains Road/Cosmic Street

UBD: 200 (P15) Cause: 1 Supplementary Cause: 3 Time Affected: peak Delay (min): varies
Direction: turning right from Cosmic Street onto Mains Road
Details: -
Solution: green arrow

Manly West

Postcode: 4179 Local Authority: Brisbane (SE)

Stannard Road/Manly Road

UBD: 163(J8) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 3-5
Direction: turning right into Manly Road from Stannard Road
Details: -
Solution: traffic lights

Moorooka

Postcode: 4105 Local Authority: Brisbane (SW)

Muriel Avenue/Beaudesert Road

UBD: 199 (M4) Cause: 3 Supplementary Cause: 4 Time Affected: peak Delay (min): 6
Direction: traffic cannot turn left off Muriel Avenue to access shops or residence
Details: -
Solution: truncate corner

Mount Cotton

Postcode: 4165 Local Authority: Redland

Mount Cotton Road

UBD: 225 Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): varies
Direction: both
Details: unable to overtake
Solution: provide overtaking lanes

Mount Gravatt East

Postcode: 4122 Local Authority: Brisbane (SE)

Cavendish Road/Creek Road/Newnham Road

UBD: 181 (J19) Cause: 3 Supplementary Cause: 8 Time Affected: am peak Delay (min): varies
Direction: inbound - northwest to city
Details: -
Solution: move bus stop away from intersection

Nathan

Postcode: 4111 Local Authority: Brisbane (SW)

Troughton Road/Kessels Road/Griffith Road

UBD: 200 (H11) Cause: 1 Supplementary Cause: 3 Time Affected: peak Delay (min): 10-20
Direction: turning right into Griffith University and turning right out of university
Details: 4 cars pass on each change of lights - many cars use right turn lane to go straight ahead just to get out
Solution: change the cycle of the traffic lights - make right turn lane useable for straight through traffic



Norman Park

Postcode: 4170 Local Authority: Brisbane (SE)

Tiber Street/Canara Street/Stanley Street

UBD: 160 Cause: 9 Supplementary Cause: 4 Time Affected: am peak Delay (min): 4

Direction: inbound

Details: a two lane road (Macrossan Av) turns into a single lane and widens along Tiber Street

Solution: make dual lanes all the way

Redland Bay

Postcode: 4165 Local Authority: Redland

Muller Street

UBD: 246(L5) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 4

Direction: both

Details: waiting to turn into Donald Road

Solution: traffic lights

Rochedale South

Postcode: 4123 Local Authority: Brisbane (SE)

Rochedale Road/Underwood Road

UBD: 222(D7) Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): varies

Direction: all

Details: waiting to turn right seems to take forever

Solution: directional arrows

Rocklea

Postcode: 4106 Local Authority: Brisbane (SW)

Granard Road

UBD: 199 Cause: 2 Supplementary Cause: 9 Time Affected: peak Delay (min): 10

Direction: eastbound (onto Kessells Road - straight ahead)

Details: bottleneck - too many heavy vehicles

Solution: overpass at Granard Road/Beaudesert Road intersection

Granard Road/Beatty Road

UBD: 199 (L10) Cause: 9 Supplementary Cause: - Time Affected: all times Delay (min): varies

Direction: westbound towards Ipswich Motorway

Details: three lanes westbound on Granard Road cross Beatty Road which has a set of lights in middle of left lane so traffic merges from left lane to middle lane to pass them

Solution: shift lights into Beatty Road and left lane remains free

Runcorn

Postcode: 4113 Local Authority: Brisbane (SW)

Beenleigh Road/Datura Street

UBD: 221 (A7) Cause: 3 Supplementary Cause: 5 Time Affected: all times Delay (min): 2-3

Direction: exiting Datura Street

Details: lights do not seem to work correctly

Solution: turn left facility/alter timing of lights



Nectarine Street/Warrigal Road

UBD: 221 (E8) Cause: 1 Supplementary Cause: 5 Time Affected: all times Delay (min): varies
Direction: turning left from Nectarine Street into Warrigal Road
Details: traffic turning right is delayed by boom gates and this delays traffic turning left because the right turning traffic waits too far to the left
Solution: pavement markings and arrows

Sherwood

Postcode: 4075 Local Authority: Brisbane (SW)

Jolimont Street (between Dewar Terrace and Lilly Street)

UBD: 178 (M20) Cause: 4 Supplementary Cause: - Time Affected: all day Delay (min): -
Direction: both ways
Details: cars parked in this narrow section of the street with little distance for manoeuvring when a car comes in the opposite direction
Solution: parking on one side of the street only and make it one way towards Dewar Tce

Sunnybank

Postcode: 4109 Local Authority: Brisbane (SW)

McCullough Street/Comley Street

UBD: 200 (R17) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 5-10
Direction: right turn and straight through from Comley Street
Details: roundabout is on a slope
Solution: urgently needs traffic lights

Pinelands Road/Beenleigh Road

UBD: 220 (M3) Cause: 1 Supplementary Cause: 3 Time Affected: pm peak Delay (min): 6
Direction: inbound traffic turning right from Pinelands Street into Beenleigh Road
Details: turn right arrow will only allow 2 or 3 cars through in a cycle - cars turning right build up and eventually block the path of cars going straight through
Solution: extend time of arrow and increase length of turning lane

Tingalpa

Postcode: 4173 Local Authority: Brisbane (SE)

Belmont Road/Manly Road

UBD: 162(G13) Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): varies
Direction: southbound
Details: u-turning traffic at lights cause delays
Solution: enforcement

Manly Road/Wondall Road

UBD: 162(P13) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 10
Direction: inbound from Manly Road
Details: traffic very slow to turn left at roundabout
Solution: break traffic entering roundabout from Wondall Rd

Underwood

Postcode: 4119 Local Authority: Brisbane (SW)

Logan Road/Underwood Road

UBD: 221 (Q6) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 6
Direction: turning right from Underwood Road onto Logan Road (both directions)
Details: people go for broke to make the right turn
Solution: right turn arrows



Underwood Road/Logan Road

UBD: 221 (Q6) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): varies
Direction: inbound right into Logan Road - outbound into Logan Road
Details: morning traffic from Rochedale to Runcorn and afternoon traffic from Runcorn takes up most of green light time
Solution: turn right arrow to allow safe turn

Upper Mount Gravatt

Postcode: 4122 Local Authority: Brisbane (SE)

Logan Road/Mount Gravatt - Capalaba Road

UBD: 201 (D11) Cause: 1 Supplementary Cause: 3 Time Affected: peak Delay (min): 5-10
Direction: turning right into Mt. Gravatt - Capalaba Road
Details: only three cars are getting through in a phase
Solution: right arrow to stay on longer

Logan Road/Newnham Road

UBD: 201 (G14) Cause: 3 Supplementary Cause: - Time Affected: all times Delay (min): 4
Direction: right turning from Logan Road into Newnham Road
Details: unnecessary red arrow which builds up traffic wishing to turn right even though there is no on-coming traffic
Solution: eliminate red arrow - only need for amber

Wakerley

Postcode: 4154 Local Authority: Brisbane (SE)

Green Camp Rd (between Rickertt Road and Whites Road)

UBD: 163 Cause: 9 Supplementary Cause: - Time Affected: peak Delay (min): 10
Direction: towards Wynnum
Details: all traffic from Redlands is funnelled through this road (one lane each way)
Solution: connect Chelsea Road and Whites Road across Lota Creek

Waterford West

Postcode: 4133 Local Authority: Logan

Muchow Road/Kingston Road

UBD: 262 (D7) Cause: 1 Supplementary Cause: - Time Affected: pm peak Delay (min): 5-10
Direction: turning right out of Muchow Road
Details: -
Solution: green arrow

Wellington Point

Postcode: 4160 Local Authority: Redland

Hardy Road/Birdwood Road/Marlborough Road

UBD: 184(Q3) Cause: 1 Supplementary Cause: - Time Affected: school Delay (min): 10
Direction: Hardy Road left into Marlborough Road
Details: congestion caused by exodus of school students
Solution: roundabout

Wishart

Postcode: 4122 Local Authority: Brisbane (SE)

Mt. Gravatt - Capalaba Road/Broadwater Road

UBD: 201 (R5) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): -
Direction: turning right into Broadwater Road
Details: the right turn arrow is not long enough
Solution: different timing of green arrow in mornings



Woodridge

Postcode: 4114 Local Authority: Logan

Wembly Road/Jacaranda Avenue

UBD: 241 (P7) Cause: 1 Supplementary Cause: 3 Time Affected: peak Delay (min): varies
Direction: turning right into Jacaranda Avenue
Details: no right turn lane or arrow so the onward traffic piles up behind the cars turning right and miss the light change
Solution: they must put a right lane plus an arrow

Wooloongabba

Postcode: 4102 Local Authority: Brisbane (SE)

Ipswich Road/Stanley Street

UBD: 160 (B19) Cause: 9 Supplementary Cause: - Time Affected: am peak Delay (min): varies
Direction: inbound
Details: vehicles travelling along Stanley Street enter intersection before it is clear
Solution: enforcement

Wynnum West

Postcode: 4178 Local Authority: Brisbane (SE)

Malabar Street

UBD: 142(N19) Cause: 1 Supplementary Cause: 8 Time Affected: all times Delay (min): 5
Direction: both directions
Details: delays when following buses
Solution: remove ATM

Wynnum Road/Wynnum Plaza entrance - exit

UBD: 163(A5) Cause: 2 Supplementary Cause: - Time Affected: all times Delay (min): 5+
Direction: into and out of plaza
Details: waiting periods extensive
Solution: traffic lights

Yeerongpilly

Postcode: 4105 Local Authority: Brisbane (SW)

Palamor Street/Fairfield Road

UBD: 179 (J18) Cause: 3 Supplementary Cause: - Time Affected: all times Delay (min): varies
Direction: out of Palamore Street onto Fairfield Road
Details: the lights favour the vehicles in other streets
Solution: resetting lights



GOLD COAST REDSPOTS

(Note: All causes, details and solutions are those offered by RACQ members.)

Arundel

Postcode: 4214 Local Authority: Gold Coast

Captain Cook Drive/Brisbane Road

UBD: 18 (G16) Cause: 3 Supplementary Cause: - Time Affected: all times Delay (min): 10

Direction: northbound

Details: light takes ages to change then the phase only lets about 6 cars through

Solution: re-program lights

Ashmore

Postcode: 4214 Local Authority: Gold Coast

Cotlew Street

UBD: 28 (L20) Cause: 1 Supplementary Cause: 9 Time Affected: - Delay (min): 2

Direction: -

Details: coming out of Ashmore Plaza, wish to do a right turn at exit, cars do a 'u-turn' right in front of you

Solution: put the u-turn further up the road going east

Broadbeach Waters

Postcode: 4218 Local Authority: Gold Coast

Hooker Boulevard/Bermuda Street

UBD: 49 (E2) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 7

Direction: all ways

Details: -

Solution: needs an overpass/longer right turn lane

Bundall

Postcode: 4217 Local Authority: Gold Coast

Ashmore Road/Upton Street

UBD: 39 (E11) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 5

Direction: -

Details: traffic queues up along Upton Street

Solution: -

Campbell Street/Ashmore Road/Racecourse Drive

UBD: 39 (C11) Cause: 3 Supplementary Cause: - Time Affected: peak Delay (min): 3

Direction: exiting Cambell Street

Details: not enough time to get out of Campbell Street

Solution: increase green time for that phase

Burleigh Heads

Postcode: 4220 Local Authority: Gold Coast

Tabilban Street

UBD: 60 (C9) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): -

Direction: both

Details: LATM

Solution: remove LATM



Carrara

Postcode: 4211 Local Authority: Gold Coast

Nielsens Road/Murev Way

UBD: 37 (Q14) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): varies
Direction: turning right into Nielsens
Details: -
Solution: lights/overpass

Coolangatta

Postcode: 4225 Local Authority: Gold Coast

Rutledge Street/Musgrave Street

UBD: 82 (E1) Cause: 2 Supplementary Cause: - Time Affected: peak Delay (min): -
Direction: south
Details: linemarking, poor lights and signs
Solution: change right of way

Helensvale

Postcode: 4210 Local Authority: Gold Coast

Siganto Drive/Helensvale Road

UBD: 17 (A5) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 3
Direction: turning into Helensvale Road
Details: -
Solution: roundabout/lights

Mermaid Waters

Postcode: 4218 Local Authority: Gold Coast

Markeri Street/Rio Vista Boulevard

UBD: 49 (H7) Cause: - Supplementary Cause: - Time Affected: all times Delay (min): varies
Direction: turning right whilst travelling east on Markeri Street
Details: green arrow comes on even though there is no cars waiting to turn right
Solution: activate green arrow after through traffic phase

Miami

Postcode: 4220 Local Authority: Gold Coast

Gold Coast Highway (near Nundah Avenue)

UBD: 50 (C19) Cause: 9 Supplementary Cause: - Time Affected: all times Delay (min): 3
Direction: northbound
Details: unnecessary waiting for people to cross the road while there is another crossing down the road
Solution: get rid of crossing

Sorrento

Postcode: 4217 Local Authority: Gold Coast

Bundall Road/Boomerang Crescent

UBD: 39 (F13) Cause: 1 Supplementary Cause: 3 Time Affected: peak Delay (min): varies
Direction: northbound
Details: too frequent changing of traffic lights favouring traffic turning into and out of shopping centre
Solution: less frequent changing of traffic lights



Southport

Postcode: 4215 Local Authority: Gold Coast

Marine Parade/Australia Fair access point

UBD: 29 (H12) Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 3
Direction: leaving Australia Fair Shopping Centre
Details: traffic leaving shopping centre have the last priority on roundabout causing long queues
Solution: traffic lights

Pohlman Street/Nerang Street

UBD: 29 (C14) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 15
Direction: southbound turning right into Pohlman Street
Details: there is a small hill and you can not see on coming cars and it takes a very long time for a break in traffic
Solution: traffic lights

Smith Street/Kumbari Avenue

UBD: 28 (Q9) Cause: 1 Supplementary Cause: 3 Time Affected: peak Delay (min): 6
Direction: east/west
Details: due to right turn lanes being very short, you are stuck behind cars travelling straight through the intersection even though a right arrow is green, straight through is red
Solution: increase right turning lanes by reducing traffic island widths

Surfers Paradise

Postcode: 4217 Local Authority: Gold Coast

Esplanade

UBD: 39 Cause: 2 Supplementary Cause: - Time Affected: all times Delay (min): varies
Direction: northbound
Details: cars turning right to access the parking areas cause a build up of traffic behind them
Solution: double lines



SUNSHINE COAST REDSPOTS

(Note: All causes, details and solutions are those offered by RACQ members.)

Buderim

Postcode: 4556 Local Authority: Maroochy

Sugar Road/Mooloolaba Road

UBD: 69 (K19) Cause: 1 Supplementary Cause: 8 Time Affected: am peak Delay (min): -
Direction: to Maroochydore from Buderim
Details: lack of public understanding on the correct way to access Maroochydore
Solution: pavement arrows

Burpengary

Postcode: 4505 Local Authority: Caboolture

Pitt Road/Old Gympie Road

UBD: 68 (M19) Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 15
Direction: exiting Pitt Road turning right into Old Gympie Road
Details: cars turning left into Gympie Road and doing u-turns gives no break in the traffic
Solution: lights/roundabout/double lines

Landsborough

Postcode: 4550 Local Authority: Caloundra

Cribb Street/Caloundra Street

UBD: 96 (F18) Cause: 1 Supplementary Cause: 2 Time Affected: all times Delay (min): varies
Direction: going east after rail gates open
Details: if three cars turn right, they block traffic on Caloundra Rd because the crossing is only two lanes wide
Solution: move pole - extra lane - widen rail crossing - roundabout at intersection

Maroochydore

Postcode: 4558 Local Authority: Maroochy

Aerodrome Road/Maud Street

UBD: 69 (K11) Cause: 1 Supplementary Cause: 3 Time Affected: pm peak Delay (min): varies
Direction: turning right into Maud Street in a southerly direction
Details: right turn arrow is too brief to clear the amount of traffic turning - red arrow then exacerbates the problem
Solution: pressure sensitive turn signals

Nambour

Postcode: 4560 Local Authority: Maroochy

Coronation Ave (btw Carrol and School Streets)

UBD: 56 (E15) Cause: 1 Supplementary Cause: 3 Time Affected: school Delay (min): varies
Direction: both
Details:
Solution: -

Tewantin

Postcode: 4565 Local Authority: Noosa

Poinciana Avenue/Moorindil Street

UBD: 8 (B13) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 3
Direction: westbound
Details: heavy traffic on Poinciana - congested turning movements
Solution: roundabout



Woombye

Postcode: 4559 Local Authority: Maroochy

Nambour Connection Road/Keil Mountain Road

UBD: 66 (L15) Cause: 1 Supplementary Cause: - Time Affected: all Delay (min): 10

Direction: traffic entering Nambour Connection Road

Details: too much traffic trying to cross four lanes - mostly full from stop signs

Solution: roundabout or lights



REGIONAL AND COUNTRY REDSPOTS

(Note: All causes, details and solutions are those offered by RACQ members.)

Bundaberg

Postcode: 4670 Local Authority: Bundaberg

Bourbong Street (btw Barolin & Tan-o-titha Sts)

UBD: Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): 10
Direction: -
Details: congested
Solution: -

Elliot Heads Road/Walkers Road

UBD: Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): 5
Direction: -
Details: merging problems
Solution: extend roundabout

Mt. Perry Road

UBD: Cause: 4 Supplementary Cause: - Time Affected: school Delay (min): 5
Direction: -
Details: school crossing and turning traffic
Solution: -

Quay Street/Bingera Street

UBD: Cause: 1 Supplementary Cause: - Time Affected: am peak Delay (min): varies
Direction: -
Details: turning right
Solution: -

Queens Street/Fairymead Road

UBD: Cause: 1 Supplementary Cause: 8 Time Affected: peak Delay (min): varies
Direction: -
Details: -
Solution: roundabout

Cairns

Postcode: 4870 Local Authority: Cairns

Aumuller Street/Hartley Street

UBD: 12(E3) Cause: 1 Supplementary Cause: - Time Affected: all times Delay (min): 4
Direction: turning right into Hartley
Details: -
Solution: better linking of traffic lights

Bruce Highway/Andersen Road

UBD: Cause: 1 Supplementary Cause: 3 Time Affected: am peak Delay (min): 10
Direction: northbound
Details: trouble turning right when trying to access city
Solution: widen roads or alternative access to city



Greenslopes Street/Keirle Avenue/York Street

UBD: Cause: 1 Supplementary Cause: - Time Affected: night Delay (min): varies
Direction: all
Details: difficult turning movement due to dirt and grass in middle of road
Solution: roundabout

Dalby

Postcode: 4405 Local Authority: Dalby

Mary Street

UBD: Cause: 7 Supplementary Cause: 1 Time Affected: school Delay (min): varies
Direction: to and from a local school
Details: all vehicle types are commuting along this road that is too narrow
Solution: widen road

Gunalda

Postcode: 4570 Local Authority: Tiaro

Bruce Highway (on the Gunalda Range)

UBD: Cause: 9 Supplementary Cause: - Time Affected: all times Delay (min): varies
Direction: both
Details: cars are delayed due to the structure of the road, heavy vehicles slowly moving up the range and constant road works
Solution: cutting through the hill

Mackay

Postcode: 4740 Local Authority: Mackay

Nebo Road (over the Ron Camm Bridge)

UBD: Cause: 1 Supplementary Cause: 3 Time Affected: pm peak Delay (min): 10
Direction: -
Details: traffic lights never link
Solution: change council members

Maryborough

Postcode: 4650 Local Authority: Maryborough

All intersections controlled by lights

UBD: Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 5
Direction: turning right
Details: -
Solution: install green arrows

Rockhampton

Postcode: 4700 Local Authority: Rockhampton

Alma Street/William Street

UBD: Cause: 1 Supplementary Cause: 9 Time Affected: all times Delay (min): varies
Direction: all
Details: cross roads without any signage - drivers unsure of who should give way
Solution: roundabout



Denison Street

UBD: Cause: 5 Supplementary Cause: 8 Time Affected: peak Delay (min): 5-15
Direction: turning into side streets especially Albert Street
Details: no boom gates
Solution: move the line out of the city

Gladstone Road/Caroline Street

UBD: Cause: 1 Supplementary Cause: 8 Time Affected: school Delay (min): 5
Direction: turning left or right into Gladstone
Details: -
Solution: traffic lights

Moores Creek Road/Kerrigan Street

UBD: Cause: 1 Supplementary Cause: 8 Time Affected: pm peak Delay (min): varies
Direction: turning right into Kerrigan
Details: roundabout
Solution: bring dual lane back 100 metres

Moores Creek Road/Norman Road

UBD: Cause: 1 Supplementary Cause: 8 Time Affected: school Delay (min): varies
Direction: -
Details: roundabout too small
Solution: bigger roundabout

Musgrave Street/Edington Street

UBD: Cause: 4 Supplementary Cause: 8 Time Affected: all times Delay (min): 5-10
Direction: entering Musgrave from Edington
Details: parking bays in Musgrave Street cause congestion
Solution: remove 3 parking bays

North Street/Bolsover Street/Lion Creek Road

UBD: Cause: 1 Supplementary Cause: 8 Time Affected: all times Delay (min): 5-10
Direction: turning right in to Bolsover from North
Details: Lion Creek/Bolsover have uninterrupted traffic flow
Solution: traffic lights

Thuringowa

Postcode: 4817 Local Authority: Thuringowa

Thuringowa Drive

UBD: Cause: 1 Supplementary Cause: 2 Time Affected: peak Delay (min): 5
Direction: both
Details: a main road into Townsville with a series of roundabouts, pedestrian crossings and schools
Solution: -

Tiaro

Postcode: 4650 Local Authority: Tiaro

Bruce Hwy (65km south of Maryborough)

UBD: Cause: 7 Supplementary Cause: 9 Time Affected: all times Delay (min): -
Direction: -
Details: congestion caused by slow vehicles
Solution: widen road



Toowoomba

Postcode: 4350 Local Authority: Toowoomba

Bridge Street and Mary Streets

UBD: Cause: 4 Supplementary Cause: - Time Affected: all times Delay (min): 5
Direction: -
Details: motorcycles are not registering
Solution: return to stop signs

James Street

UBD: Cause: 1 Supplementary Cause: 3 Time Affected: all times Delay (min): varies
Direction: -
Details: few right turn lanes
Solution: roundabouts

James Street/Ruthvern Street

UBD: Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 4
Direction: all directions
Details: turning arrow for northbound
Solution: all roads need turning arrows

James Street/West Street

UBD: Cause: 1 Supplementary Cause: - Time Affected: peak Delay (min): 4
Direction: turning right from James Street into West Street
Details: -
Solution: turning arrow

West Street/Russell Street/Anzac Avenue

UBD: Cause: 7 Supplementary Cause: 1 Time Affected: all times Delay (min): varies
Direction: all directions
Details: roundabout
Solution: arrows guiding traffic

Warwick

Postcode: 4370 Local Authority: Warwick

Churchill Drive/Weewondilla Road

UBD: Cause: 1 Supplementary Cause: - Time Affected: all Delay (min): varies
Direction: all
Details: line markings and traffic signs combine to make a confusing situation which causes delays
Solution: fix up markings and change sign