



# Transport Strategic Plan

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# Overview of GC2018 transport 1.0

## 1.1 INTRODUCTION

The Gold Coast 2018 Commonwealth Games™ (GC2018) will see more than 6,500 athletes and team officials, approximately 3,000 accredited media and thousands of spectators from all over the world descend on the city. It will be a landmark event that will showcase the region and deliver a range of opportunities and long term legacies for the community.

GC2018 is being organised to deliver an athlete-focused Commonwealth Games with excellent competition in a fun and friendly environment. It will provide long-lasting benefits for the Gold Coast, Queensland, Australia and the Commonwealth.

A successful transport operation is critical to the success of GC2018. Delivering transport for GC2018 is a significant task and requires careful planning and smart investment. This Transport Strategic Plan lays the foundations to ensure that spectators, and all those involved in competing, administering, managing and reporting on events are transported in a safe, timely, comfortable and efficient manner.

## 1.2 KEY DATES

Prior to the commencement of GC2018, the Commonwealth Games Village (CGV) and Main Media Centre (MMC) will officially open on approximately Monday 26 March 2018, ten days before the Opening Ceremony. Managing the arrival of teams and the international media will be the first major transport task. This will be followed by the provision of transport services for athletes from the CGV to a variety of training locations around the Gold Coast.

This ten days of training and preparations will coincide with the 2018 Easter holidays, with Good Friday on 30 March 2018, Easter Sunday on 1 April 2018, and Easter Monday on 2 April 2018.

GC2018 will commence with the Opening Ceremony on Wednesday 4 April 2018.

Competition will begin on Thursday 5 April 2018 and continue for eleven days until the Closing Ceremony on the evening of Sunday 15 April 2018.

After the closure of GC2018, the transport task will continue for approximately three more days until Wednesday 18 April 2018 for departing athletes, officials and media.



The Transport Strategic Plan has been released to provide the opportunity for the general community, businesses and other key stakeholders to become familiar with the transport operation during GC2018.

### 1.3 PLANNING AND IMPLEMENTATION PHASES

Between winning the right to host the Commonwealth Games in November 2011 and staging GC2018 in April 2018, a significant planning and implementation effort is required.

This Transport Strategic Plan has been prepared during the foundation and strategic planning phases. It identifies strategic guidelines and operational principles for transport systems and operations, covering every mode of transport, venue and client group associated with hosting GC2018.

More detailed planning on how the fleets for spectators, workforce and Games Family will operate and how venue access and traffic will be managed occurs during the operational planning and mobilisation phases. These phases are undertaken from 2015 to mid-2017.

Implementing, testing and refining these plans will occur during the readiness phase (mid 2017 to early 2018). Delivery and then de-commissioning of transport operations will occur during the GC2018 operations phase.

Strategic investment in pedestrian, cycle, public transport and road network improvements and transport management systems to deliver the transport operation during GC2018 will leave a lasting legacy for the Gold Coast transport network.

Figure 1 below illustrates these stages and shows the provisional timetable for the development of further transport planning documents as greater detail becomes available.

The Transport Strategic Plan consultation process focuses on the opportunity for stakeholders and the community to understand the strategy, seek clarification and raise issues to be addressed as operational and further planning occurs.

Future transport planning documents will keep the community informed with the most up-to-date information and provide further opportunity to provide input on proposed GC2018 transport.

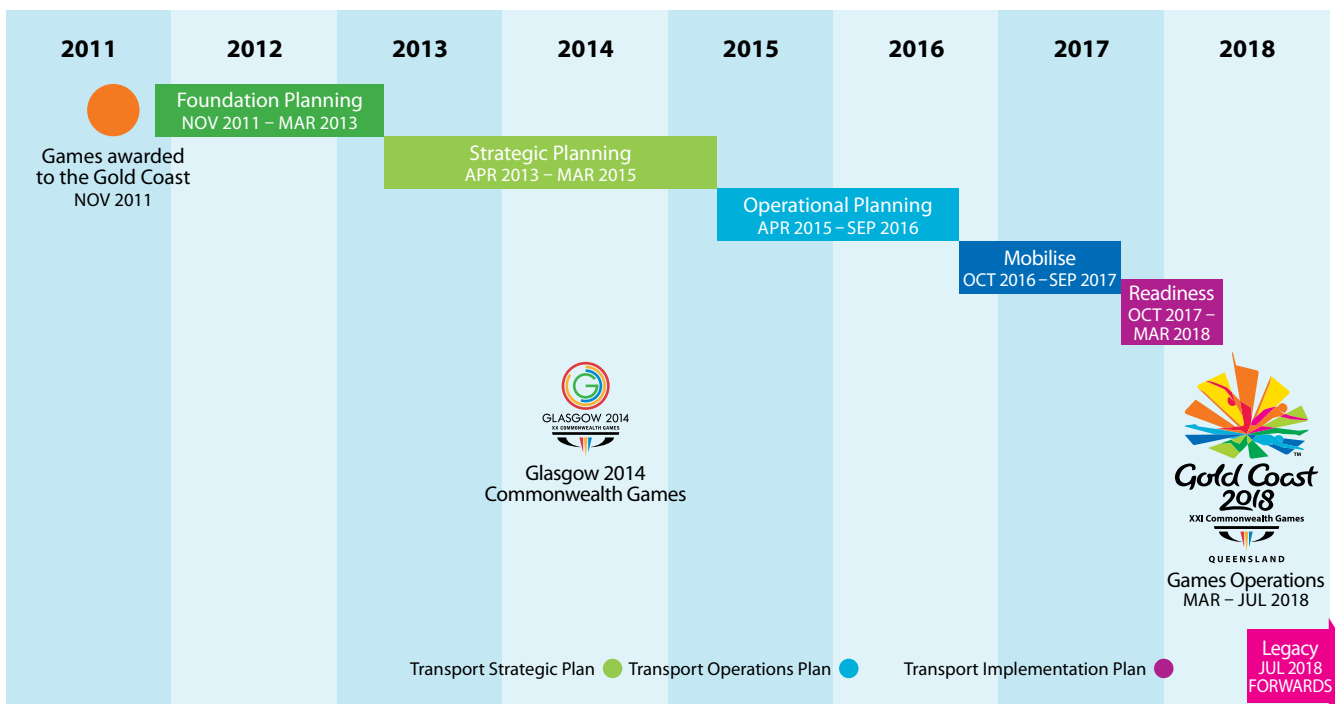


Figure 1: 2018 Commonwealth Games timetable

# WHO WILL DELIVER THE TRANSPORT SERVICES FOR GC2018?

## TRANSPORT DURING GC2018 IS DIVIDED INTO TWO CATEGORIES

### Public domain transport:

Public domain transport includes services for spectators and GC2018 workforce, as well as keeping the city's background traffic moving. The Queensland Department of Transport and Main Roads (TMR) is responsible for planning and delivering public domain transport systems and infrastructure, and is working in partnership with the City of Gold Coast (the City) to achieve coordinated outcomes.

### Games Family transport:

Games Family transport includes services for athletes, team officials, technical officials, accredited media and GC2018 officials. The Gold Coast 2018 Commonwealth Games Corporation (GOLDOC) is responsible for planning and delivering Games Family transport services.



### WHO IS GOLDOC?

GOLDOC is the statutory body formed to plan, organise and deliver GC2018.

GOLDOC is a party to the Host City Contract to provide specific transport arrangements for the Games Family. GOLDOC is also responsible for developing the Transport Strategic Plan in partnership with local and state transport authorities and for ensuring that GC2018 transport operational requirements are implemented.





# The transport task 2.0

## **2.1 WHY TRANSPORT IS CRUCIAL TO SUCCESS**

A successful transport operation is critical to the success of any major sporting event. Athletes, team officials, technical officials, Games officials and the media must get to venues on time to stage a great competition and to allow athletes to perform at their best. Spectators and workforce must arrive in a timely and organised fashion to create a great atmosphere, and a safe and enjoyable event.

The Games Family will include approximately 6,500 athletes and team officials, 1,000 technical officials and 3,000 accredited media. The Games Family work together to make GC2018 happen and have specific transport needs to ensure that they can fulfil their role.

Approximately 16,000 workforce and volunteers and 1.5 million ticketed spectators at sporting events will need transport services to get to events on time.

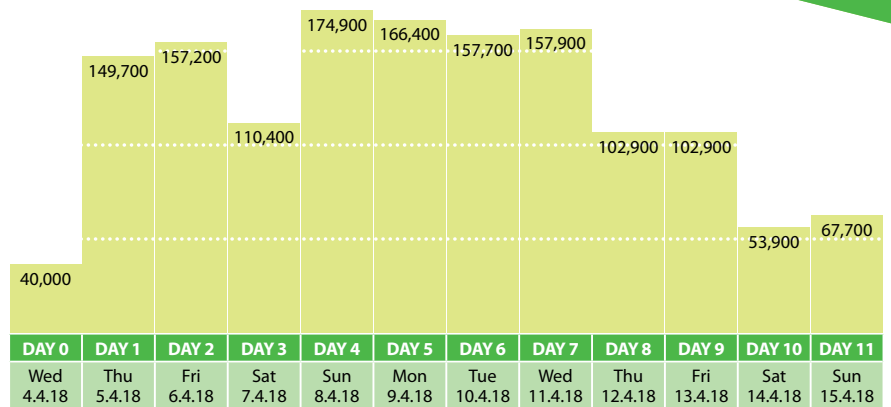


Figure 2: Projected ticketed spectators per day for all competition venues (figures as at July 2014).

While GC2018 is underway, the Arts and Cultural Program will provide live sites and live streets that add to the atmosphere of GC2018 and showcase the cultural diversity of Commonwealth nations. Transport services will be required to support the Arts and Cultural Program as well as those attending non ticketed sporting events such as the Marathon and Road Cycling. The transport system will also need to ensure that Gold Coast businesses can continue to operate; residents can move about the city; tourists can enjoy their Easter holidays; and emergency services can maintain access and respond appropriately.

## 2.2 VENUES

There is a total of 18 competition venues with 14 on the Gold Coast, two in Brisbane (Track Cycling at Chandler and Shooting at Belmont), one in Cairns and one in Townsville (hosting the preliminary rounds of Basketball). There is a total of 29 training facilities which includes the 14 Gold Coast competition venues, the two Brisbane competition venues, an additional 11 Gold Coast training venues and one training venue at both Townsville and Cairns. Figure 3 shows a map of the Gold Coast and Brisbane competition venues. Table 1 includes a summary of competition and proposed training venues.

In addition to the competition and training venues there will be considerable transport demands generated to and from other GC2018-related venues, including:

- CGV situated at Parklands and is four kilometres west of the Gold Coast central business district at Southport. The CGV will provide accommodation for the majority of athletes and team officials.
- MMC at the Gold Coast Convention and Exhibition Centre at Broadbeach, catering for approximately 3,000 accredited media personnel.
- GC2018 and technical officials' accommodation which is likely to be located in Surfers Paradise and Broadbeach.
- Transport hubs such as Gold Coast International Airport, Brisbane International Airport, Townsville Airport, Cairns Airport, Gold Coast rail stations and bus stations.
- Transport support venues such as depots and the park and ride sites.
- Venues hosting Arts and Cultural Program events and live sites. Attractions at live sites are likely to include victory ceremonies, performances, music concerts, public art, films, markets and big screens showing the GC2018 sports program.

FIGURE 3: GC2018 SPORTS AND VENUES



**TABLE 1: COMPETITION AND TRAINING VENUE SUMMARY**

SPORT/EVENT	COMPETITION VENUE	CAPACITY	PROPOSED TRAINING VENUES
Opening Ceremony	Carrara Stadium	40,000	
Closing Ceremony	Carrara Stadium	40,000	
Aquatics (Diving)	Gold Coast Aquatic Centre	2,500	Gold Coast Aquatic Centre
Aquatics (Swimming)	Gold Coast Aquatic Centre	10,000	Gold Coast Aquatic Centre The Southport School Bond University St Hilda's School
Athletics (Track and Field)	Carrara Stadium	40,000	Carrara Stadium Runaway Bay Sports Super Centre Griffith University Carrara Athletics Warm Up
Athletics (Marathon and Race Walks)	Southport Broadwater Parklands (South)	2,000	Gold Coast Road Network
Badminton	Carrara Sports and Leisure Centre	2,500	Carrara Sports and Leisure Centre
Basketball (Preliminaries)	Townsville Entertainment and Convention Centre	5,000	Cairns Convention Centre Marlins Basketball Complex
	Cairns Convention Centre	5,000	Townsville Entertainment and Convention Centre Murray Sports Complex
Basketball (Finals)	Gold Coast Convention and Exhibition Centre	5,000	The Southport School
Boxing	Oxenford Studios	2,700-3,000	Oxenford Studios Ashmore PCYC
Cycling (Track)	Queensland State Velodrome	4,000	Queensland State Velodrome
Cycling (Time Trial and Road Race)	Merv Craig Sporting Complex, Elanora / Currumbin Valley	2,000	Runaway Bay Sports Super Centre
Cycling (Mountain Bike)	Nerang Mountain Bike Trails	2,000	Nerang Mountain Bike Trails



**TABLE 1 CONT.: COMPETITION AND TRAINING VENUE SUMMARY**

SPORT/EVENT	COMPETITION VENUE	CAPACITY	PROPOSED TRAINING VENUES
Gymnastics	Coomera Sports and Leisure Centre	7,500	Coomera Sports and Leisure Centre Bond University (Artistic) St Hilda's School (Rhythmic)
Hockey	Gold Coast Hockey Centre	5,000	Gold Coast Hockey Centre
Lawn Bowls	Broadbeach Bowls Club	2,500	Broadbeach Bowls Club Musgrave Hill Bowls Club
Netball (Preliminaries)	Gold Coast Convention and Exhibition Centre	5,000	Gold Coast Convention and Exhibition Centre All Saints Anglican School
Netball (Finals)	Coomera Sports and Leisure Centre	7,500	Gold Coast Convention and Exhibition Centre All Saints Anglican School
Rugby Sevens	Robina Stadium	27,400	Robina Stadium The Southport School Parkwood Sharks Oval
Shooting	Belmont Shooting Centre	3,000	Belmont Shooting Centre
Squash	Runaway Bay Sports Centre	3,000	Runaway Bay Sports Centre
Table Tennis	Oxenford Studios	3,200	Oxenford Studios Gold Coast Table Tennis Centre
Triathlon	Southport Broadwater Parklands (South)	2,000	Runaway Bay Sports Super Centre
Weightlifting	Carrara Indoor Stadium	2,500	Commonwealth Games Village Carrara Indoor Stadium
Wrestling	Carrara Sports and Leisure Centre	2,500	Commonwealth Games Village St Hilda's School

### 2.3 PROGRAM AND ACTIVITIES

Table 2 illustrates the current competition schedule for GC2018. This schedule is likely to be modified as planning progresses.

**TABLE 2: PROPOSED GOLD COAST 2018 COMPETITION SCHEDULE**

	DAY 0	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	DAY 11
Sport/ Discipline	Wed 4.4.18	Thu 5.4.18	Fri 6.4.18	Sat 7.4.18	Sun 8.4.18	Mon 9.4.18	Tue 10.4.18	Wed 11.4.18	Thu 12.4.18	Fri 13.4.18	Sat 14.4.18	Sun 15.4.18
Opening Ceremony												
Closing Ceremony												
Aquatics Diving												
Aquatics Swimming												
Athletics Track and Field												
Athletics Marathon												
Athletics Walks												
Badminton												
Basketball												
Boxing												
Cycling Track												
Cycling Time Trial												
Cycling Road Race												
Cycling Mountain Bike												
Gymnastics												
Hockey												
Lawn Bowls												
Netball												
Rugby Sevens												
Shooting												
Squash												
Table Tennis												
Triathlon												
Weightlifting												
Wrestling												

# WHAT ARE 'LIVE SITES' AND 'LIVE STREETS'?

Live sites will be hosted across Queensland and locally as part of the GC2018 city-wide celebration. On the Gold Coast, live sites will host a range of local and city-wide Arts and Cultural Program events that may include:

- Large screens showing the GC2018 sports program
- Art and music performances
- Victory ceremonies
- Films

Live site locations and activities are being planned with consideration of the sports program and locating sites across the region. As live sites could attract

thousands of participants, some more than competition venues, transport is a key consideration in determining location and scheduling. Once confirmed, planning on how to provide safe and efficient access to live sites will be undertaken in a similar manner to planning spectator transport to competition events.

Live streets are street activities timetabled in areas approaching venues to coincide with spectator movement between venues and transport hubs. Live streets can assist spectators in finding their way and help manage crowd movements. They may include street theatre, markets, music and public art.

## **Road-based events**

The Queen's Baton Relay will involve a tour around the Commonwealth nations, before visiting locations across Australia and concluding at the Opening Ceremony at Carrara on the Gold Coast. Planning for the Queen's Baton Relay will require traffic management and potential temporary road closures along the route.

The event courses for the Road Cycling, Cycling Time Trial, the Marathon and the Triathlon will also use public roads. Road closures will be necessary to host these events and careful planning will be needed to minimise disruption to city traffic and the operation of GC2018 transport systems.

## **Transporting athletes to training**

Transport services to training venues will be needed from the opening date of the CGV, ten days prior to the Opening Ceremony and will continue throughout GC2018.

## **Opening and Closing Ceremonies**

Moving the entire Games Family, spectators and workforce (including performers) to the Opening and Closing Ceremonies in a timely and efficient manner will be an enormous task for GC2018 transport. Specific transport strategies will be implemented to cater for these significant transport tasks.

## **Arts and Cultural Program and hospitality program**

Festival events, live sites and live streets, post-competition party venues and sponsored events will attract spectators, workforce and Games Family, as well as local residents and tourists to non-competition venues during GC2018. The demand that these events will place on the transport system will be considered in the development of strategies for the delivery of GC2018 transport.

# The transport strategy 3.0

## 3.1 TRANSPORT OBJECTIVES

The transport strategy is guided by the following objectives:

- **Safety and efficiency**  
Transport services are safe and efficient, meeting the needs of the Games Family, spectators and workforce.
- **Positive transport experiences for all**  
Spectator travel provides a positive public transport experience.  
Essential users of the transport network are able to move around during GC2018 with knowledge of changes that may affect their journey.  
A positive transport experience for the Games Family through responsive, flexible and customised transport services from arrival in the city to departure.
- **Balance**  
The smart use of existing transport capacity balanced with targeted investment in new infrastructure.
- **Legacy**  
The transport strategy supports the move toward a more sustainable transport network for the City of Gold Coast and the wider South East Queensland region.

## 3.2 TRANSPORTING SPECTATORS AND WORKFORCE

Public transport and active transport will be the key modes of access to GC2018 precincts by spectators and workforce. This will require the existing public transport services on the Gold Coast to be enhanced through the provision of GC2018 specific services.

For spectators who live or are staying in the accommodation precincts between Surfers Paradise and Coolangatta, it is envisaged that they would access venues using active modes such as walking and cycling or public transport including local bus, GC2018 shuttle bus services and the light rail system.

Gold Coast residents will be encouraged through travel demand management measures to utilise local buses and GC2018 shuttle services to access transport hubs and GC2018 venues.

Spectators travelling from outside of the Gold Coast area will access GC2018 venues via heavy rail, with bus connections or via GC2018 shuttles servicing park and ride sites.

Spectators and workforce will access events by public transport, walking or cycling. There will be no private parking for spectators or workforce at major competition venues.



# TICKETING

Each spectator ticket will include access to free public transport within a defined area to enable travel to and from the event.

This includes competition events, as well as the Opening and Closing Ceremonies.

Making it easy to plan travel to events is essential in encouraging ticket holders to use public transport. This will be achieved by providing information on travel options through spectator guides, travel planner apps, websites and marketing aimed at spectators.

Ticketing strategies that encourage domestic, interstate and international spectators to stay on the Gold Coast to attend GC2018 events will also assist in delivering the spectator transport task. This will allow for promotion of active modes such as walking and cycling, as well as public transport.

## **Urban bus**

The Gold Coast community is serviced by a range of high frequency, local and community bus services. Urban bus services also integrate with 14 light rail stations and the six heavy rail stations in the Gold Coast region, providing a high level of connection to and from Brisbane and other centres in South East Queensland.

During the GC2018 period the frequency of buses on key routes may be increased to meet spectator demand. Existing infrastructure, including bus interchanges at Southport, Surfers Paradise, Broadbeach, Burleigh Heads, Coolangatta and Gold Coast railway stations will deliver both general services and extra shuttles servicing GC2018 venues.

## **GC2018 shuttle services**

Dedicated bus shuttles will complement the urban bus network during GC2018.

The detail of the shuttle services will be developed during operational planning and mobilisation phases in line with spectator demand. However, it is envisaged that spectators would access the GC2018 shuttle bus network by walking, cycling, local bus services, heavy rail stations, or from a park and ride site.

## **Rail**

The heavy rail line servicing the Gold Coast connects with population centres in the north and has six suburban stations within the Gold Coast.

All railway stations are key points of integration with the urban bus network, providing connections to the coastal strip.

During GC2018 regular bus services from these stations may be supplemented by additional services and GC2018 shuttle services direct to one or more venues.

## **Gold Coast light rail (G:link)**

G:link is the Gold Coast's recently opened light rail system. It operates between the Gold Coast University Hospital (adjacent to the CGV) through the activity centres of Southport and Surfers Paradise to Broadbeach (adjacent to the Gold Coast Convention and Exhibition Centre).

During GC2018, G:link stations at Southport will serve the Gold Coast Aquatic Centre (Swimming and Diving) and the Southport Broadwater Parklands (Race Walks, Marathon and Triathlon), while the stations in the Broadbeach area will service the Gold Coast Convention and Exhibition Centre (Netball preliminary rounds, Basketball finals, and MMC) and the Broadbeach Bowls Club (Lawn Bowls). In addition, G:link will also serve the potential live sites at Southport, Surfers Paradise and Broadbeach.



#### **Direct coach**

It is expected that there will be demand for direct coach services from sporting organisations, social clubs and international tour groups. This needs to be considered in GC2018 planning by identifying the space needed near venues.

The extent to which direct coach services will be used to access GC2018 events will largely depend on the ticketing strategy and the availability of tickets for large groups.

#### **Taxis and limousines**

The Gold Coast is well serviced by taxis and limousines. There are currently 357 taxis operating on the Gold Coast, of which 90 are wheelchair accessible. In addition, 86 limousine licence holders are located in the Gold Coast area.

Set down areas will be accommodated within the vicinity of venues. Further details will be available when venue transport planning is undertaken.

Current legislation governing taxis within Queensland provides flexibility for additional taxis from areas outside the Gold Coast to operate during GC2018. When more detailed modelling is available about the extent to which GC2018 will increase the demand for taxi services, TMR will work with the taxi industry to ensure the demand can be met.

#### **Active transport**

Strategies to encourage walking and cycling during GC2018 will reduce demand on other transport modes such as shuttle services and encourage vibrant streets and community interaction.

Several of the venues for GC2018 are within walking distance of the busy Gold Coast tourist accommodation strip, as well as the permanent residential areas of Runaway Bay, Southport and Broadbeach Waters.

#### **Private motor transport**

Spectators will be discouraged from using private motor transport to access GC2018 venues, as no spectator parking or drop off areas will be provided at major venues.

At smaller and regional venues, provision for parking facilities will be considered as part of the venue transport planning process.

#### **Park and ride**

The provision of park and ride facilities is a critical component of the GC2018 transport strategy, with users connecting to venues via shuttle services.

The Gold Coast has parking at all heavy rail stations and temporary sites are utilised for major events. At the time of the GC2018 bid it was envisaged that the demand for park and ride would be between 4,000 and 6,500 spaces on the Gold Coast. Further investigations are underway to identify the size and location of park and ride facilities required to support GC2018.

Spectators will be discouraged from using private motor transport to access GC2018 venues, as no spectator parking or drop off areas will be provided at major venues.



## UNDERSTANDING SPECTATOR DEMAND AND TESTING PLANS

A comprehensive transport model has been developed that allows for the forecasting of spectator (both ticketed and un-ticketed) and workforce demand and their associated transport needs across South East Queensland and northern New South Wales during GC2018.

A key consideration in the model's development was to generate a framework that could be easily added to and refined in the future as additional information becomes available.

This model generates a profile of daily spectator and workforce travel and considers the home origin, mode of transport and venue destination. This model also takes into account existing travel behaviour patterns on the Gold Coast and can be used to test a range of travel demand scenarios.

Transport demand forecasting is currently underway which will guide further detailed planning for spectator travel. This will be supplemented by a program of event surveys at future sporting events to collect information on how people access venues.

### TEST EVENTS

Transport infrastructure enhancements will be in place ahead of GC2018 to ensure that there is adequate scope for test events, and to collect data on how individual elements perform within the system.

Ahead of GC2018, GOLDOC and its delivery partners (TMR and the City) will test the transport services and related information technology systems that will be in use during GC2018. The strategy for readiness testing will develop in the years leading up to GC2018.

# TRANSPORT CONTROL CENTRE

The existing Traffic Management Centre (TMC) for the Gold Coast operates in partnership under the authority of TMR and the City using a one-network approach. The centre currently operates 24 hours a day and manages the road network utilising a variety of intelligent transport systems such as traffic signal coordination, variable message signs, CCTVs and vehicle detectors.

It is envisaged that the TMC will be expanded to become the Transport

Control Centre (TCC) during GC2018 to implement traffic management procedures for managing the Games Route Network and coordinate passenger transport services to support GC2018.

In the event of incidents, the TCC will instigate procedures aimed to minimise effects of congestion through response strategies, and the provision of travel information including expected journey times to road users.

The Games Route Network will include a range of traffic management measures to achieve reliable travel times.

## 3.3 GAMES ROUTE NETWORK

GOLDOC is obliged to provide 'safe, secure, reliable and accessible transport' for the Games Family. This includes journeys between accommodation, competition venues, non-competition venues and other official locations. Travel times for a number of these journeys must be met to fulfil obligations set out in the Host City Contract. The most efficient means of achieving this objective is to establish the Games Route Network (GRN) where a range of traffic management measures will be used to achieve reliable journey times while minimising disruption to regular city traffic.

The proposed GRN includes four categories of routes, these are:

### 1. Core routes

The core route network between the CGV, the Southport Venue Precinct, the Broadbeach Venue Precinct, the Carrara Venue Precinct, and back to the CGV will be the most heavily used by the Games Family. The core network is the highest priority for intervention .

### 2. Venue routes

The venue route network will link the CGV, the main accommodation area, the MMC and the Gold Coast and Brisbane International Airports with each competition venue on the Gold Coast. The travel time commitments nominated during the bid process will apply to the venue route network as well as the core route network.

### 3. Training routes

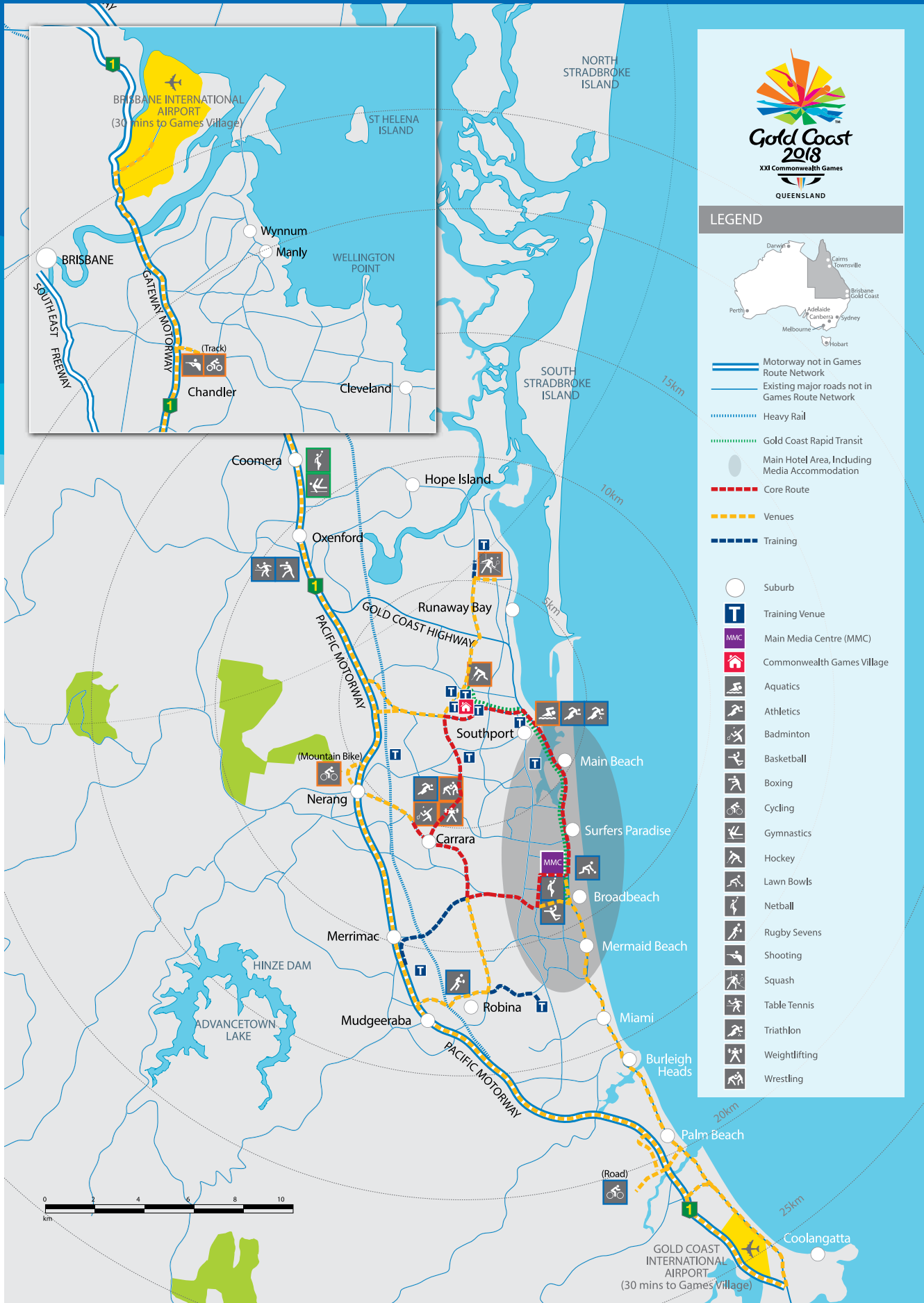
The training route network will link the CGV, the main accommodation area and the MMC with each of the training venues which will be used by the competing teams before and during GC2018. This network will be examined and measures may be applied to ensure reliable travel conditions are experienced by the teams.

### 4. Alternate routes

The alternate route network will be investigated and tested further, so that if an incident occurs anywhere on the GRN, an alternate route along with any traffic management measures can be implemented to ensure the Games Family is able to safely complete the required travel.

Figure 4 includes the routes currently under investigation for the GRN.

FIGURE 4: POTENTIAL GAMES ROUTE NETWORK



# DURING GC2018, PLAN AHEAD AND BE AWARE OF TRANSPORT SYSTEM CHANGES

Residents, businesses, freight and visitors are likely to encounter some changes to local transport conditions during GC2018, for example:

- Parking restrictions and clearways in some areas
- Suspension and temporary relocation of bus stops
- Changes to intersection movements (there may be some intersections that will not allow right-hand turns during GC2018)
- You may be discouraged from using certain routes during particular times

Potential changes will be identified as we develop the planning on how the transport network will operate during GC2018. Changes will be known well in advance of GC2018 and in consultation with nearby residents and businesses and communicated to transport users.

GC2018 will be providing travel support and advice through communication strategies such as signage, advertising, online information, social media and direct communication prior to and during GC2018 to increase awareness of proposed network and service changes.

## Implementing the Games Route Network

A range of temporary traffic management measures will be implemented along the GRN to ensure reliable journey times. Implementation of these temporary measures will also consider the impact on other road users and may include the following:

- **Changes to traffic signal coordination plans:** Traffic signal coordination plans will be developed to provide greater capacity and journey reliability for GC2018 vehicles. These measures will be carefully developed taking into account, and mitigating as far as possible, the impacts on other road users. These plans will be operated through the TCC.
- **Restricted turns and/or road closures:** Where required, temporary restricted turns will be implemented to improve traffic flow along the GRN. It may also be appropriate to lift existing restrictions temporarily, where there is a benefit to either GRN users or other traffic.
- **Intersection improvements:** Where required, some locations may benefit from intersection improvements such as kerb realignments to assist in the reliability of the GRN. There may be opportunities for some changes to contribute towards permanent schemes that will improve intersection operation after GC2018.
- **Suspension and relocation of bus stops:** There may be some locations where due to narrow road width or alignment that some bus stops may need to be temporarily suspended or relocated to maintain access for all road users.
- **Diversion routes:** There may be a requirement to divert non-GC2018 related traffic away from the GRN and competition/non-competition venues. Advance publicity and clear diversion route signage will be implemented.
- **Traffic signs and line markings:** There will be a requirement to provide signage and line marking to support operation and enforcement of the GRN, in particular on locations where Games Lanes are employed.
- **Games Lanes:** Games Lanes are traffic lanes that are clearly identified by road markings and signage and are for the sole use of accredited vehicles to ensure safe, fast and reliable journeys. Games Lanes are being considered for the core route network.

Games Lanes could potentially be in force throughout the GC2018 period or for GC2018-related peak hours depending on the circumstances. It is expected that Games Lanes will only be used on key sections of the GRN that require high levels of priority to ensure travel time reliability for accredited vehicles.



Details of the compliance strategy for the GRN will be developed in consultation with the Queensland Police Service. Detailed traffic modelling and analysis will be carried out to determine the requirements for Games Lanes. An assessment of the impact of GC2018 traffic on general traffic will be made to devise appropriate traffic and demand management interventions.

#### **Safety and security**

The safety and security of the Games Family, workforce and spectators is paramount. To achieve this in relation to transport, co-ordination and close working relationships with the security function of GOLDOC is crucial. GOLDOC, Queensland Police Service, TMR and the City will co-ordinate the required partners and stakeholders to deliver a Transport Security Strategy.

### **3.4 TRAVEL DEMAND MANAGEMENT**

For GC2018, TMR and the City will develop a travel demand management strategy encouraging the community to choose travel options that maximise the ability of the transport system to function efficiently. This strategy will be implemented prior to GC2018 and elements will remain as legacy after GC2018.

The Travel Demand Management strategy will deliver a range of initiatives and measures that may include:

- Implementing measures to reduce private vehicle use in order to accommodate the increased traffic demands of GC2018.
- Providing GC2018 spectators, residents, businesses, visitors and workforce with the information, tools and resources to encourage the use of public and active transport.
- Communicating road network changes and public transport service changes associated with GC2018.
- Advising businesses of the changes to the GC2018 transport system to support their operations during GC2018.

Managing travel demand by communicating alternative travel options will reduce pressure on the network.

GOLDOC will develop customised travel strategies for the Games Family to ensure that all those competing, administering, managing and reporting on events are transported in a timely, comfortable and efficient manner.

### 3.5 TRANSPORTING ATHLETES, MEDIA AND OFFICIALS

Customised transport systems with allocated fleet will be provided to athletes, accredited media and Games officials. These systems will include a combination of the following services:

- airport transfers
- scheduled services to event venues from the CGV and the MMC
- booked services, such as buses to transport teams to training
- on-call service for a limited number of Games officials, or to transport athletes delayed by drug testing or media commitments
- allocated vehicles for team use during GC2018.

These services will be supported by:

- **Venue operations:** This includes adequate space, policies and procedures to allow safe drop off and pick up of passengers, storage of vehicles, movement of vehicles, appropriate security screening and access to venues as well as areas for fleet drivers to take breaks.
- **Vehicle fleets:** Customised car and bus fleets will be required to meet the needs of these groups. Specification for vehicles, fleet procurement, operating policies and procedures and scheduling will be determined as GC2018 approaches.
- **Depots and garaging:** The Games Family vehicle fleet depots will be strategically located within the city to provide coverage to all the official GC2018 venues. They will contain all the facilities necessary to maintain the fleet to the highest standard as well as providing for the wellbeing of the drivers. The depots will adhere to all the safety and security criteria required to ensure operation for the duration of GC2018. The location of the car and bus depots will be based on their ability to provide an efficient operation for the Games Family and will be suitable sites to cater for the types of vehicles and clients they will need to service. Their location will provide a good service level between the Games Family accommodation and the competition and non-competition venues.
- **Drivers:** GC2018 transport workforce is essential to the successful delivery and performance of the transport operations and the overall perception, image and reputation of GC2018. The pool of drivers will be a combination of paid, contract and volunteer staff. Volunteer car drivers will be included in GC2018 workforce recruitment with the aim of getting local people involved. The delivery partners will oversee the recruitment of drivers for GC2018. All drivers recruited will undergo thorough training to enable familiarisation of GC2018 routes and venues. They will also receive training on security protocols, procedures and local knowledge.
- **Access to the GRN:** The Games Family will travel between the CGV and the venues via the GRN. The GRN will be a series of designated routes designed to link the CGV to all competition and non-competition venues.



# THE TRANSPORT SYSTEM WILL BE DIFFERENT DURING GC2018

Customised transport systems will be available to move spectators, workforce and Games Family.





## IF ATTENDING AN EVENT CHECK YOUR TRANSPORT OPTIONS

Understanding your public transport options ahead of time will be the key to ensuring an efficient trip to and from events. Transport options will be communicated well in advance of GC2018.

Free public transport within a defined area will be provided to ticket holders for competition events, as well as the Opening and Closing Ceremonies.

# Venue access

## 4.0

### **4.1 VENUE TRANSPORT MANAGEMENT**

How transport is supported at GC2018 venues will have significant implications on the operation of the transport network. This section includes likely access arrangements at each competition venue.

As planning progresses this information will be further tested and refined. Venue transport and traffic management plans will be developed to detail how the arrival and departure from an event can be managed in a safe and efficient way. Plans will be developed for each competition venue, major live site and non-competition venue and will identify any temporary measures required which could include:

- Local area traffic management and parking plans that outline temporary traffic management and parking restrictions on the local street network around venues to ensure key routes are kept free flowing.
- Routes, loading zones and parking for buses (local buses, shuttle buses for spectators and shuttle buses for Games Family).
- Pedestrian access routes from transport hubs and key accommodation centres to venues and associated temporary signage, way-finding and control.
- Cycle parking facilities.
- Loading zones for taxis, coaches, limousines and commercial vehicles.

Operational traffic and crowd modelling will be undertaken as required for competition venues, live sites and key transport interchanges to ensure that the predicted levels of traffic and crowd movement can be safely accommodated and appropriately managed. Engagement with local businesses, residents and impacted authorities will be undertaken, where appropriate, in the design and delivery of traffic management and parking areas around each venue.

## 4.2 VENUE TRANSPORT PLANS

The following figures illustrate GC2018 venues and the current proposals for venue access.

In addition to the competition sites identified in this section, live sites will be hosted locally across the Gold Coast and regionally across Queensland. Live sites will host a range of events, with many expected to attract large crowds. Transport is a key consideration in determining the live site locations and program.

Live site transport planning and the following strategic proposals for competition venues will be developed further during the more detailed operational planning phase.



### BROADBEACH PRECINCT

Broadbeach's village-like atmosphere boasts a wide array of accommodation, restaurant options and a vibrant entertainment and shopping precinct.

During GC2018 it will host Lawn Bowls, the preliminary rounds of Netball, the Basketball Finals and entertainment as part of a potential live site. The area will also host the media providing accommodation and the MMC.

#### Venue details

##### 1. BROADBEACH BOWLS CLUB

###### Sport: Lawn Bowls

- Capacity: 2,500
- Event days: Days 1 to 9

##### 2. GOLD COAST CONVENTION AND EXHIBITION CENTRE

###### Sport: Netball (preliminaries)

- Capacity: 5,000
- Event days: Days 1 to 8

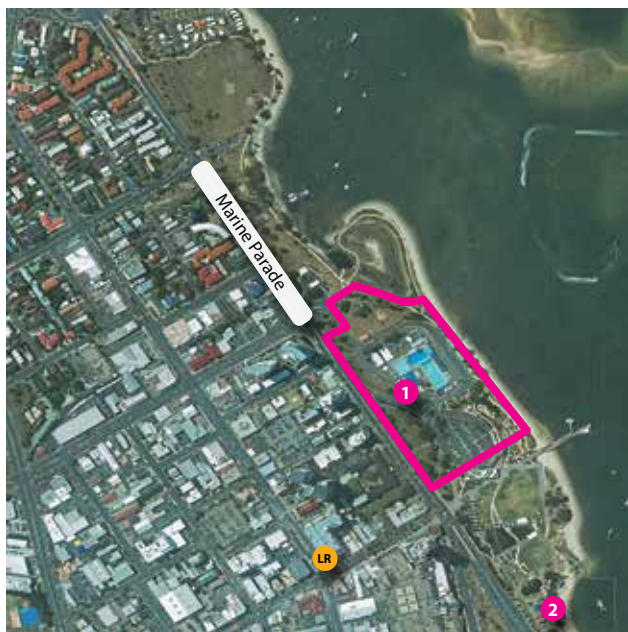
###### Sport: Basketball (Finals)

- Capacity: 5,000
- Event days: Days 9 to 11

###### Also venue for the MMC

#### Spectator access

- Urban bus network
- Shuttles from park and ride locations
- Shuttles from heavy rail stations
- North Broadbeach G:link station
- Walking and cycling



LR LIGHT RAIL STATIONS

## SOUTHPORT BROADWATER PARKLANDS PRECINCT

The Broadwater Parklands is one of the city's most popular areas. It offers plentiful open space and a flat, safe foreshore, near accommodation and shopping.

During GC2018, this area will host the start and finish for the Race Walks, Marathon and Triathlon, and the Swimming and the Diving competition. The Marathon and Triathlon are also expected to draw huge unticketed crowds along the competition routes. A live site is also proposed on the foreshore.

### Venue details

#### 1. GOLD COAST AQUATIC CENTRE

##### Sport: Swimming

- Capacity: 10,000
- Event days: Days 1 to 6

##### Sport: Diving

- Capacity: 2,500
- Event days: Days 7 to 10

#### 2. SOUTHPORT BROADWATER PARKLANDS (SOUTH)

##### Sport: Marathon

- Capacity: 2,000
- Event day: Day 4

##### Sport: Triathlon

- Capacity: 2,000
- Event day: Day 3

### Sport: Race Walks

- Capacity: 2,000
- Event days: Day 6

### Spectator access

- Urban bus network
- Shuttles from park and ride locations
- Shuttles from heavy rail stations
- Southport G:link station
- Walking and cycling



## CARRARA PRECINCT

Located eight kilometres from Surfers Paradise, Carrara Stadium is home to the AFL's Gold Coast Suns and regularly caters for large crowds.

During GC2018 the Carrara Precinct will host the Opening and Closing Ceremonies and the Athletics, Weightlifting, Wrestling and Badminton competitions.

### Venue details

#### 1. CARRARA STADIUM Venue for Opening and Closing ceremonies

(Day 0 and Day 11)

##### Sport: Athletics

- Capacity: 40,000
- Event days: Days 4 to 9

#### 2. CARRARA SPORTS AND LEISURE CENTRE

##### Sport: Badminton

- Capacity: 2,500
- Event days: Days 1 to 11

##### Sport: Wrestling

- Capacity: 2,500
- Event days: Days 1 to 3

#### 3. CARRARA INDOOR STADIUM

##### Sport: Weightlifting

- Capacity: 2,500
- Event days: Days 1 to 9

### Spectator access

- Shuttles from park and ride locations
- Shuttles from heavy rail stations
- Located two kilometers from Nerang heavy rail station improved pedestrian links between the precinct and the station are being investigated
- Urban bus network
- Walking and cycling



## OXENFORD STUDIOS

Oxenford is primarily a residential area at the northern end of the Gold Coast. It is well known for its major theme parks and movie studios.

Oxenford studios will be temporarily transformed into a sporting venue for the duration of GC2018, hosting both the Table Tennis and Boxing competitions.

### Venue details

#### Sport: Boxing

- Capacity: 2,700–3,000
- Event days: Days 1 to 8 and Day 10

#### Sport: Table Tennis

- Capacity: 3,200
- Event days: Days 1 to 11

### Spectator access

- Shuttles from park and ride locations
- Shuttles from heavy rail stations



## COOMERA SPORTS AND LEISURE CENTRE

Coomera is a residential suburb at the northern end of the Gold Coast. A new town centre is planned around the train station and the area is well known for its theme parks.

During GC2018, the Artistic and Rhythmic Gymnastics and the Netball finals will be hosted at the Coomera Sports and Leisure Centre.

### Venue details

#### Sport: Gymnastics

- Capacity: 7,500
- Event days: Days 1 to 5 and 7 to 9

#### Sport: Netball (Finals)

- Capacity: 7,500
- Event days: Days 10 to 11

### Spectator access

- Shuttles from park and ride locations
- Shuttles from heavy rail stations



### MERV CRAIG SPORTING COMPLEX, ELANORA

Elanora is a residential suburb at the base of the picturesque Gold Coast hinterland and Border Ranges. The hinterland terrain and natural setting provide a great environment for road cycling.

During GC2018 the area will host the Cycling Road Race and Time Trials. Although the ticketed venue caters for 2,000 spectators, it is expected that many more will line the streets to watch the events.

#### Venue details

##### **Sport: Cycling (Time Trials)**

- Capacity: 2,000
- Event day: Day 7

##### **Sport: Cycling (Road Race)**

- Capacity: 2,000
- Event day: Day 11

#### Spectator access

- Urban bus network
- Shuttles from park and ride locations
- Shuttles from heavy rail stations
- Walking and cycling



### GOLD COAST HOCKEY CENTRE, LABRADOR

Labrador has the best of both worlds: a quiet residential suburb with trendy cafes and restaurants overlooking the scenic Broadwater.

The Hockey will be hosted at the existing Gold Coast Hockey Centre.

#### Venue details

##### **Sport: Hockey**

- Capacity: 5,000
- Event days: Days 1 to 11

#### Spectator access

- Urban bus network
- Shuttles from park and ride locations
- Shuttles from heavy rail stations
- Walking and cycling



## NERANG MOUNTAIN BIKE TRAILS

Nerang Mountain Bike Trails are within the Nerang National Park, a popular recreational area with Gold Coast residents and visitors who enjoy bushwalking, horse riding and mountain biking.

On day eight of GC2018, it will host the Cycling Mountain Bike competition.

### Venue Details

#### Sport: Cycling (Mountain Bike)

- Capacity: 2,000
- Event days: Day 8

### Spectator access

- Shuttles from park and ride locations
- Shuttles from heavy rail stations
- Cycling



## ROBINA STADIUM

Robina is a master-planned residential community located centrally on the Gold Coast. It boasts a major shopping centre containing major department stores, 350 specialty stores, cinemas and a wide array of restaurants.

Robina Stadium, home to the Gold Coast's Titans, will be hosting the Rugby Sevens competition. The stadium is well serviced by public transport with Robina Rail Station in easy walking distance.

### Venue details

#### Sport: Rugby Sevens

- Capacity: 27,400
- Event days: Days 1 to 2

### Spectator access

- Shuttles from park and ride locations
- Via Robina heavy rail station
- Walking and cycling
- Urban bus network





## RUNAWAY BAY SPORTS CENTRE

Runaway Bay is a residential waterfront and canal suburb located toward the northern end of the Gold Coast.

During GC2018, the area will host the Squash.

### Venue details

#### Sport: Squash

- Capacity: 3,000
- Event days: Days 1 to 11

### Spectator access

- Shuttles from park and ride locations
- Shuttles from heavy rail stations
- Walking and cycling



## BRISBANE VENUES

### CHANDLER AND BELMONT PRECINCT

This precinct is approximately twelve kilometres south-east of the Brisbane CBD.

Belmont and Chandler were both venues in the 1982 Commonwealth Games and will host the Shooting and Track Cycling respectively.

### Venue Details

#### 1. BELMONT SHOOTING CENTRE

##### Sport: Shooting

- Capacity: 3,000
- Event days: Days 4 to 10

#### 2. QUEENSLAND STATE VELODROME

##### Sport: Cycling (Track)

- Capacity: 4,000
- Event days: Days 1 to 4

### Spectator access

- Urban bus network
- Shuttles from park and ride locations
- Walking and cycling



## REGIONAL VENUES – BASKETBALL

### CAIRNS CONVENTION CENTRE

Located about 1,800km from the Gold Coast, Cairns serves as a starting point for people wanting to visit the Great Barrier Reef and Far North Queensland and is a popular travel destination because of its tropical climate.

The Cairns Convention Centre will host its share of the regional basketball competition. The centre is in easy walking distance to a wide array of accommodation, entertainment and restaurant options.

#### Venue details

##### Sport: Basketball (Preliminaries)

- Capacity: 5,000
- Event days: Days 1 to 5

#### Spectator access

- Urban bus network
- Shuttles from park and ride locations
- Walking and cycling



### TOWNSVILLE ENTERTAINMENT AND CONVENTION CENTRE

Townsville is located 1,450km from the Gold Coast and is a major North Queensland city. Townsville is adjacent to the central section of the Great Barrier Reef and a short ferry ride to the popular Magnetic Island.

The Townsville Entertainment and Convention Centre is situated in easy walking distance from the Townsville city centre and The Strand.

#### Venue details

##### Sport: Basketball (Preliminaries)

- Capacity: 5,000
- Event days: Days 1 to 5

#### Spectator access

- Urban bus network
- Shuttles from park and ride locations
- Walking and cycling

## VENUE TRANSPORT PLANS FOR ROAD EVENTS

The detailed schedules for the road events and venue requirements are evolving from the sport and venues programs. This information will allow a transport plan, specific to each road event, to be prepared. The transport plan will take into consideration the event itself, the needs of spectators accessing this and other events being held in the city at the same time, as well as other transport network needs consequential to any road closures. Key issues will be ensuring that the GRN, the general transport network, and spectator access routes continue to operate effectively during the road events.

An additional feature of the road events will be non-ticketed spectators lining the route. This will create further travel demand which will be managed in addition to the ticketed spectators. Road events will inevitably involve extensive traffic management throughout the city. All traffic management measures will be carefully planned to meet the needs of GC2018 as well as the residents and businesses in the city. A comprehensive awareness campaign will take place using various forms of communication to ensure the public is well informed of all proposals.



# Legacy and the role of the Gold Coast community

## 5.0

### 5.1 LEGACY

Legacy is the lasting benefits left behind after a major event has ended. These will be both tangible (for example, job opportunities, improved infrastructure) and non tangible (for example, enhanced image, civic pride and improved health).

In general, legacy and benefits will be maximised by:

- Investing in permanent rather than temporary infrastructure, where possible, so that network improvements contribute to the long-term transport vision for the city.
- Promoting permanent changes in travel behaviour by local residents. In the lead up to GC2018, GOLDOC and its partners will work with major employers to promote public transport, telecommuting and travelling outside of peaks to reduce pressure on the transport network during GC2018. These changes, if permanently applied across the Gold Coast, could deliver ongoing benefits in reduced congestion, better health and cleaner air.
- Providing residents and visitors with a positive public transport experience and an understanding of the convenience and other benefits of bus and rail services.

As infrastructure and transport operation improvements need to be in place in advance of GC2018 for 'test events', the benefits will also occur in the lead-up to 2018.

### 5.2 THE ROLE OF THE GOLD COAST COMMUNITY

The transport task associated with hosting a Commonwealth Games is a big job. It cannot be met without careful planning, strategic investments in infrastructure improvements and some temporary changes to the transport system and travel behaviour.

Delivering an enjoyable GC2018 will rely on the participation of Gold Coast residents and businesses. The following provides a summary of the role that the Gold Coast community will be able to play during GC2018.



**IMAGES:** Courtesy of State of Queensland  
(Department of Transport and Main Roads)

### **BE AWARE OF CHANGES TO THE TRANSPORT SYSTEM**

As a resident moving around during GC2018, you are likely to encounter some changes to local conditions, for example:

- parking restrictions and clearways in some areas
- temporary relocation of bus stops
- changes to intersection movements (there may be some intersections that will not allow right-hand turns during GC2018)
- you may be discouraged from using certain routes during particular times.

Potential changes will be identified as we develop the planning on how the transport network will operate during GC2018. Changes will be known well in advance of GC2018 and in consultation with nearby residents and businesses and communicated to transport users.

Signage, supported by other communication strategies such as advertising, social media and direct communication prior to and during GC2018 will assist transport users to plan ahead to decrease inconvenience.

### **LIMIT PRIVATE VEHICLE USE – LEAVE YOUR CAR AT HOME**

By avoiding unnecessary car trips during GC2018 by walking, cycling, or using public transport instead, you will be taking pressure off the transport network. GC2018 will be providing travel support and advice through communication strategies such as signage, advertising, online information, social media and direct communication prior to and during GC2018 to assist transport users to plan ahead to decrease inconvenience.

### **RESEARCH TRANSPORT OPTIONS WHEN ATTENDING EVENTS**

Free public transport within a defined area will be provided to ticket holders for competition events, as well as the Opening and Closing Ceremonies.

Competition and community venues will not cater for private vehicle travel to events. Researching and understanding your public transport options ahead of time will be the key to ensuring a stress-free trip to events.

### **GET INVOLVED - VOLUNTEER**

As GC2018 gets closer, getting involved and volunteering to be part of GC2018 is a wonderful opportunity. We will need drivers, navigators, and community relations advisors providing information and direction to those attending GC2018. Volunteer recruitment will occur nearer to the start of GC2018.

For further information on how to volunteer for GC2018 visit [www.GC2018.com](http://www.GC2018.com).

# Have your say 6.0

A successful transport operation is critical to the success of GC2018. Getting the transport systems right will be a key factor in show-casing what the Gold Coast, Queensland and Australia has to offer.

This draft Transport Strategic Plan outlines how the transport system is proposed to operate during GC2018. It lays the foundations to ensure that spectators, and all those involved in competing, administering, managing and reporting on events are transported in a timely, comfortable and efficient manner. The official Transport Strategic Plan public display period is from 28 August to 23 September 2014. Community members are encouraged to provide feedback in writing via email or postal correspondence using the contact details below.

After input from Gold Coast businesses and the general community is considered, a final version of the Transport Strategic Plan will be published in late 2014.

To host a successful GC2018, the cooperation of local residents and businesses is needed when planning the operating strategies, building the infrastructure and operating the GC2018 transport services.

## **CONTACT US**

**Email:** [transport.planning@goldoc.com](mailto:transport.planning@goldoc.com)

**Post:** PO BOX 8177, GCMC QLD 9726

**Website:** [gc2018.com](http://gc2018.com)

**Facebook:** [Facebook.com/gc2018](https://www.facebook.com/gc2018)

**Twitter:** [Twitter.com/gc2018](https://twitter.com/gc2018)

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