



Transport Operations Plan

June 2017

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Glossary

| Acronym | Description |
|----------|--|
| CBD | Central Business District |
| CCTV | Closed Circuit Television |
| CGA | Commonwealth Games Association |
| The City | The City of Gold Coast |
| CGF | Commonwealth Games Federation |
| CGV | Commonwealth Games Village |
| CPZ | Controlled Parking Zones |
| FA | Functional Area |
| GC2018 | Gold Coast 2018 Commonwealth Games |
| GAC | Gold Coast Aquatic Centre |
| GOLDDOC | Gold Coast 2018 Commonwealth Games Corporation |
| GRN | Games Route Network |
| HPTC | High Performance Training Centre |
| IAAF | International Association of Athletics Federations |
| IBC | International Broadcast Centre |
| IF | International (Sport) Federations |
| LATTP | Local Area Traffic and Transport Plan |
| M1 | Pacific Motorway |

Glossary

| Acronym | Description |
|---------|--|
| MMC | Main Media Centre |
| MPC | Main Press Centre |
| MTM | Media Transport Mall |
| OCG | Office of the Commonwealth Games |
| QBR | Queen's Baton Relay |
| QFES | Queensland Fire and Emergency Services |
| QPS | Queensland Police Service |
| TCC | Transport Coordination Centre |
| TDM | Travel Demand Management |
| TMC | Traffic Management Centre |
| TMP | Traffic Management Plan |
| TMR | Department of Transport and Main Roads |
| TOP | Transport Operations Plan |
| TSP | Transport Strategic Plan |
| UAC | Uniform and Accreditation Centre |

1.0

Introduction

1. Introduction

1.1 Overview

The Gold Coast 2018 Commonwealth Games Corporation (GOLDOC) released the Transport Strategic Plan (TSP) in 2014 for public consultation.

The plan was prepared at the end of the Commonwealth Games Federation's (CGF) Strategic Planning Phase in partnership with the Queensland Department of Transport and Main Roads (TMR) and the City of Gold Coast (the City)—collectively referred to as the transport partners.

The plan outlined at a strategic level how GOLDOC, TMR and the City would plan and deliver safe, secure, reliable and accessible transport to the Games Family (athletes and team officials, Games officials, accredited media and technical officials), spectators and GC2018 workforce, while keeping the city moving.

The Transport Operations Plan (TOP) expands on the TSP and captures the detail developed throughout the CGF's Operational Planning phase which concluded in September 2016.

The TOP has been prepared in accordance with the CGF's Transport Games Manual, the Gold Coast 2018 Commonwealth Games (GC2018) Candidature File (also referred to as the Bid Book) and in consultation with key transport stakeholders.

All modes of transport, venue specific operations and planned transport infrastructure are described in the TOP.

The TOP also describes the objectives of the transport partners and the principles of transport operations for the Games Family, spectators and GC2018 workforce, and the community.

The transport partners are consulting with stakeholders to develop GC2018 transport plans.

1.1.1 The Transport Task

A successful transport operation is critical to the success of any major sporting event. With 1.2 million spectator tickets available and over 50,000 workforce, contractors, media and volunteers travelling during GC2018, there will be significant demand on the transport system.

During GC2018, the Gold Coast will experience increased demand on the transport network, creating significant challenges for the travelling public. There will also be a range of arts and cultural activities on the Gold Coast, which will further increase transport demand.

In order to enable spectators and Games Family, particularly athletes, to reach venues on time, while keeping the city moving, the demand on the transport system needs to be managed.

The transport task cannot be delivered without careful planning and some temporary changes to the transport system and travel behaviour.

The GC2018 transport task is broad, ranging from the development of a priority transport network for the Games Family to the delivery of a public transport system for spectators and workforce, while ensuring the Gold Coast will continue to operate during GC2018.

A number of changes to the transport network will affect some residents and businesses during GC2018. Information will be provided well in advance via a comprehensive City-led community awareness program and, where possible, temporary impacts and inconveniences will be kept to a minimum.

1. Introduction

A comprehensive Travel Demand Management (TDM) program will influence travel behaviours in the lead up to and during GC2018 to ease the pressure on the transport system. Key audiences travelling during GC2018 will be encouraged to re-time, re-mode, re-route and reduce their trips wherever possible to reduce congestion and maximise the capacity of the transport network across the Gold Coast.

GC2018 transport operations should be safe, secure, reliable and accessible.

The transport strategic objectives outlined in the TSP form the basis of GC2018 transport operations and are as follows:

- safety and efficiency
- public transport focus
- customised travel strategy for the Games Family
- balance
- lasting legacy

The key attributes of the GC2018 transport strategy in the TOP are shown in Figure 1 and outlined as follows:

- Multi-modal transport focus, supported by park 'n' ride:
 - There will be no provision for, or promotion of, private car access at major competition venues.
 - Where viable, walking and cycling will be the predominant means of accessing GC2018 events for spectators and workforce.
 - Public transport will be the next best option for spectators and workforce who have access to the local public transport network. The TOP incorporates the three public transport modes of heavy rail, light rail and buses.
 - With sites nominated in Brisbane, Logan and the Gold Coast, park 'n' rides will be available to spectators travelling longer distances. Shuttle buses will connect spectators from park 'n' rides to competition venues.
- Customised strategies for each client group:
 - The Games Family will have separate transport fleets dedicated to each client group. Their transport load zones will be designed to ensure safety and reliability.
 - GC2018 spectators and workforce will access events through walking and cycling, public transport and dedicated GC2018 shuttle buses.

1. Introduction

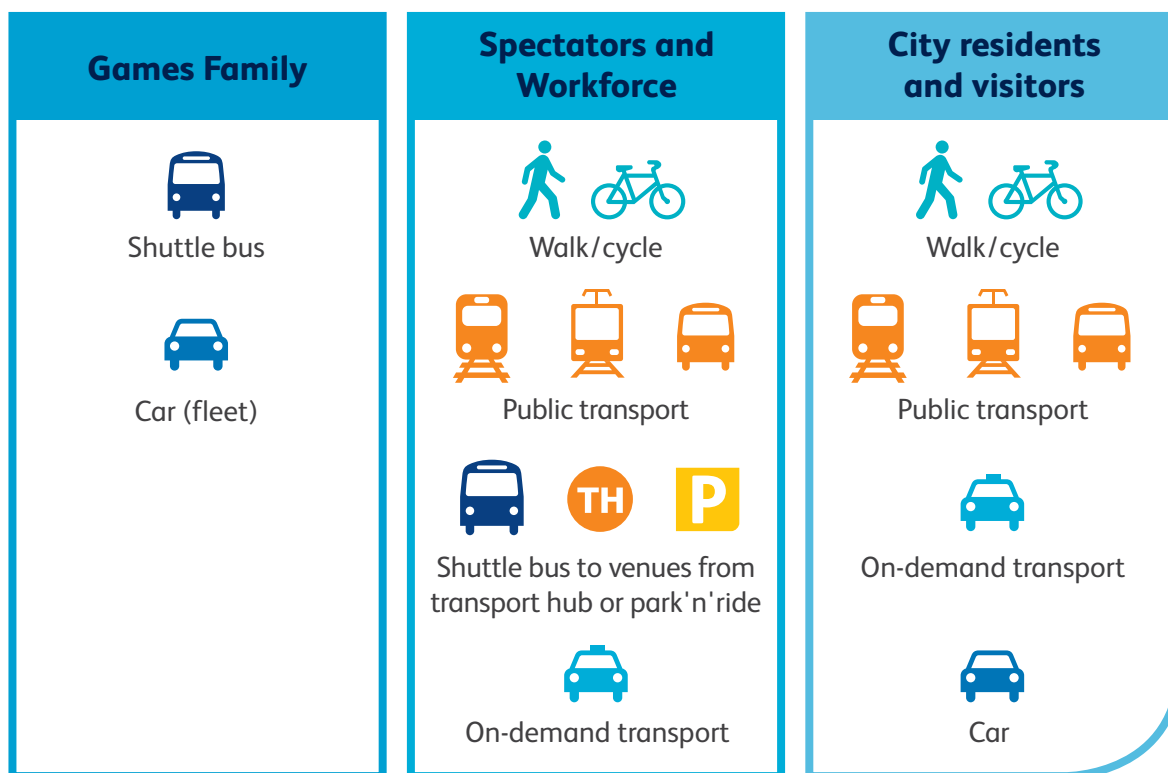


Figure 1: GC2018 Transport Options

1.1.2 Games Family

GOLDOC is responsible for planning and delivering Games Family transport services.

This is a significant task as athletes, team officials, Games officials, technical officials and media must get to competition venues on time so they can compete, officiate and report on events.

During GC2018, the road network will need to function efficiently to balance the movement of athletes, officials and spectators while allowing business as usual travel across the Gold Coast.

1.1.3 Spectators and Workforce

There will be a range of options to access events with additional transport services operating across the transport network. Spectators and workforce are encouraged to stay near the events they want to experience, so walking and cycling will be the best travel option.

Existing public transport services will be a great way to access events. Many high frequency services operate across the Gold Coast and some services will be enhanced (including improved frequency and/or hours of operation) to cater for increased travel demand during GC2018.

1. Introduction

During GC2018, dedicated shuttle bus services will operate from key transport interchanges and temporary park 'n' rides will be established to connect spectators and workforce to venues.

This multi-modal and integrated network will provide a seamless end-to-end journey for those travelling to GC2018 events.

To support security requirements and minimise the risk of congestion, no spectator parking will be provided at venues.

Detailed information, including accessible travel options, will be provided to GC2018 spectators and workforce on preferred travel times, routes and travel options.

Spectators and workforce will be encouraged to plan ahead to understand their transport options. This will be the key to a seamless trip to events.

GC2018 spectators will be provided with comprehensive information on travel options to enable efficient, hassle-free access to competition venues. Information will be available through:

- a GC2018 spectator journey planner
- spectator event guides for each venue, including accessible travel advice
- online travel information

GC2018 workforce and volunteers will be provided with tailored travel advice. This information will be available through:

- training manuals
- workforce guides
- frequently asked questions

1.1.4 Residents and Visitors

Residents and visitors will play a vital role in keeping the city moving by making changes to the way they travel. Non-essential travel will need to be reduced and people will need to re-time, re-route, re-mode or revise their travel plans by:

- travelling outside peak times
- travelling on public transport
- cycling or walking small distances
- taking alternative routes when driving to key destinations

The necessary information will be provided well before GC2018 to enable residents and visitors to best prepare and plan their travel choices. Information will be provided through:

- a broad awareness campaign
- dedicated travel advice website
- social media
- mapping

1.1.5 Businesses and Freight

Businesses and the freight industry will receive tailored, GC2018-specific transport information to support their business continuity and minimise impacts on their operations during GC2018. It will aim to help them introduce more flexible ways of working and delivering goods.

In the lead up to GC2018, major employers will be encouraged to promote public transport, varied working hours and travelling outside of peak hours to help them make their business GC2018-ready, as well as reduce pressure on the transport system.

1. Introduction

A package to support business continuity is currently being identified and will be actively communicated to the freight industry and local businesses well in advance of GC2018.

This information will be provided through:

- tailored advice for large organisations most affected by GC2018
- workshops and forums that all businesses can attend
- online travel advice
- a series of printed and online material will be produced to provide at-a-glance tips, information and contact details for further support

There will be work undertaken with the freight community to help them assess which of their trips can be re-timed, re-moded, reduced or which alternative routes can be used to manage demand on the transport network.

1.1.6 The Consultation Process

Transport partners have closely consulted with key stakeholders throughout the development of GC2018 transport plans.

Throughout the TOP consultation period (from 30 November 2016 until 28 February 2017) this engagement intensified. Further consultation was conducted with the transport industry, key businesses, industry stakeholders, all levels of government and the wider community. A summary of this consultation follows.

1.1.7 Community Consultation

The level of engagement with the community was high during the three-month consultation phase of the Draft TOP. This is likely the result of overall interest in GC2018 and transport-related topics, along with the multi-faceted approach to engagement that was employed during this phase — ensuring wide-ranging consultation.

1.1.8 Public Consultation Launch

The public consultation period began with media and industry launches on 30 November 2016, along with a briefing for Gold Coast State MPs. This ensured the general public, transport sector and political stakeholders had an overarching understanding of GC2018 transport challenges and potential solutions from the beginning of the consultation period — providing context for further engagement. More than 30 transport industry representatives attended the industry briefing, many of whom were involved in early community consultation activities surrounding the GC2018 TSP.

1. Introduction

1.1.9 Industry and Government Feedback

Several industry organisations requested one-on-one briefings from the transport partners after the industry launch. In total, 19 briefings were conducted with key groups and individuals. Access to venues and nearby areas, along with the impact on individuals and groups during GC2018 due to increased traffic congestion on local roads and the Brisbane-Gold Coast corridor, were the main topics highlighted during these sessions. Industry groups also requested ongoing involvement in transport planning in the lead up to the GC2018.

Local MPs and Councillors were another focus of engagement activities during the public consultation period. Gold Coast MPs were collectively briefed on the day of the document's release, and some requested and received one-on-one briefings with the GC2018 transport partners. Some local Councillors also requested and received briefings. Key topics highlighted during these briefings included access to venues and nearby areas (including for those with a disability) and the impact on Gold Coast groups, businesses and individuals due to GC2018 traffic conditions.

Engagement with industry and government representatives in the event cities of Brisbane, Cairns and Townsville has also begun, with transport being a key area of discussion during a detailed planning session in February. In partnership with TMR and relevant councils, GOLDOC will continue to engage with industry representatives on the transport task in these event cities in the lead up to GC2018.

1.1.10 Local Business Feedback

The City's community awareness team held face-to-face meetings with business owners and operators across the Gold Coast during the consultation period about the Draft TOP – significantly amplifying engagement activity with the business sector. A range of matters were raised by more than 185 individuals who were engaged, including business access, parking, security and the impact on trade.

1.1.11 General Community Feedback

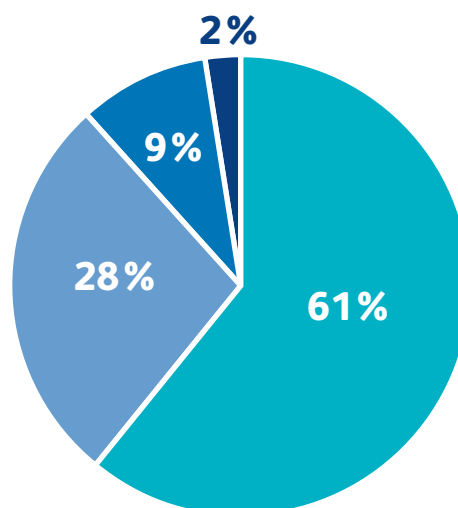
General communication about the Draft TOP, via media coverage and social media, translated into almost 550 responses to the online survey during the three-month consultation period (30 November 2016 to 28 February 2017). While most of the respondents were residents (61 per cent), nine per cent identified themselves as business owners and/or business operators, and almost a third identified themselves as visitors (refer to Figure 2).

1. Introduction

Figure 2: Are you interested in GC2018 transport as a resident, business, visitor and/or community group?

| Group | Response |
|-----------------|----------|
| Resident | 362 |
| Visitor | 165 |
| Business | 54 |
| Community Group | 14 |

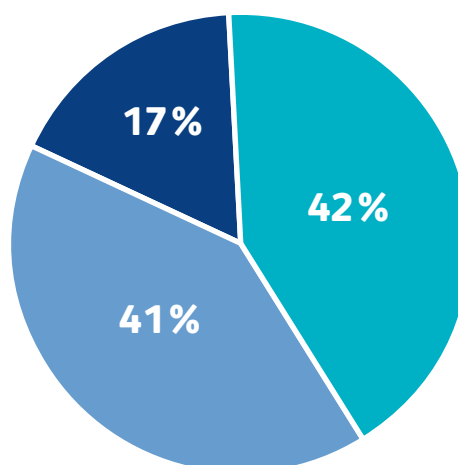
Two key areas highlighted by survey participants were accessing events (“How to get to events”) and the impact on local roads during the Games (“How to get around the Gold Coast during the Games”) (refer to Figure 3).



**Responses are represented as a percentage of the total responses received*

Figure 3: What Games-related transport topics outlined in the Draft Transport Operations Plan are most important to you?

| Topic | Response |
|--|----------|
| How to get to events | 230 |
| How to get around the Gold Coast during the Games | 233 |
| How Games-time transport will affect my business or other activities | 97 |



**Responses are represented as a percentage of the total responses received*

1. Introduction

The majority of additional comments made by respondents via the survey centred around congestion and potential travel delays, particularly regarding the Brisbane – Gold Coast corridor, as well as public transport connectivity and scheduling. Some respondents highlighted the need for a ferry link or island transport between Redland Bay/ Moreton Bay and the Gold Coast. Parking, particularly at transport hubs, was also a popular topic.

A summary of the key topics raised by the transport industry, local, state and federal elected representatives, key business stakeholders and members of the community throughout the consultation period are summarised below in Table 1:

| Key topics | Action/solution |
|---|---|
| 1. Accessing venues | • The journey planner and GC2018 Spectator Guides will help people navigate their way to and from GC2018 venues |
| | • Detailed information about hotspots, changed traffic conditions and changes to the public transport network will be released through the Get Set for the Games community awareness program |
| | • Extra public transport services, including Gold Coast Light Rail Stage 2 and additional trains and trams, will help ensure people can get to where they need to be |
| 2. Getting around the Gold Coast during the Games | • Detailed information about hotspots, changed traffic conditions and changes to the public transport network will be communicated well in advance, so people can plan ahead and change their usual travel patterns |
| | • The journey planner will help people navigate their way around the Gold Coast during GC2018 |
| | • The Queensland Government and the City have accelerated transport infrastructure improvements in time for GC2018, which will help improve conditions during the event |
| | • Extra public transport services, including Gold Coast Light Rail Stage 2 and additional heavy rail and local bus services, will help ensure people can get where they need to be |
| | • Programs to inform and engage with residents and businesses to address workplace travel and traffic demand management will be initiated by the City and TMR |

1. Introduction

| Key topics | Action/solution |
|---|--|
| 3. Brisbane–Gold Coast corridor congestion | • A plan to improve the reliability of the M1 during GC2018 was recently announced |
| | • Establishing temporary park ‘n’ ride facilities to support rail capacity on the Brisbane–Gold Coast corridor will improve road conditions |
| | • Ensuring rapid and coordinated incident response for road accidents during GC2018 is a key solution for the corridor |
| | • Event shuttle bus services are planned to move people more efficiently between the Gold Coast and Brisbane |
| | • Extra public transport services, including Gold Coast Light Rail Stage 2 and additional trains, will assist with congestion issues on the Brisbane–Gold Coast corridor |
| | • The \$163M Coomera to Helensvale heavy rail duplication project, set for completion later this year, will duplicate the only remaining section of single track on the Gold Coast line and significantly boost service capacity and reliability during GC2018 |
| 4. Accessing businesses and other operations | • Transport partners will continue working with organisations to minimise issues before, during and after GC2018 |
| 5. Call for ferries to be part of the Games transport network | • Ferries and water-based transport have been considered as transport options for GC2018. However, these options are not part of the transport plan for GC2018 as they are unable to meet the high demand to transport spectators and workforce |
| | • Other barriers to ferries include speed limits on canals and rivers, bridges across waterways that are too low to allow ferries through, and the circular nature of the canal system |
| | • Existing public transport services are better placed to deliver the level of service required to meet the demand for GC2018. Many high frequency services operate across the Gold Coast and the frequency of some services will be increased and hours of operation expanded during GC2018 |

Table 1: Draft TOP Key Feedback Topics and Actions/Solutions

1. Introduction

1.2 Social Media, Website and Media Engagement

Social media engagement was at its highest when the Draft TOP was first released on 30 November 2016. Posts relating to the Draft TOP were published across GOLDOC's social media assets, including LinkedIn, Facebook and Twitter. Posts inviting followers to comment on the Draft TOP also increased engagement and directed more people to the website to provide feedback.

Further content was posted in the final two weeks of consultation reminding the public to submit feedback on the Draft TOP before the closing date, 28 February 2017.

Social media proved to be the most popular platform to engage with people about Games transport-related issues, given the greatest number of survey respondents said they heard about the document via social media (43 per cent).

Visits and time spent on the website (www.gc2018.com/about/top) were at their peak when the Draft TOP was released. Visits increased again moving into week seven, and again in weeks 10 and 11, in line with social media engagement by GOLDOC.

When the Draft TOP was first released, time spent on the website reached a high of four minutes and 24 seconds. This slowly decreased over time but increased slightly approaching weeks six and seven, and again in the final week of consultation.

Media coverage about the Draft TOP was significant during the public consultation period, ensuring a broad audience was made aware of the Draft TOP.

1.3 Next Steps

The TOP has been revised to incorporate feedback from stakeholders and the community, including consultation undertaken with businesses and residents by the City project engagement officers.

During consultation, groups and individuals requested more detail about GC2018 transport plans. Transport partners have responded by providing additional travel information in the TOP and further details about the GC2018 journey planner, spectator guides and online material that will be released to the public.

The release of this Final TOP will coincide with the launch of the Get Set for the Games community awareness program in June 2017.

The Get Set Gold Coast team will build on engagement already undertaken, to ensure that local businesses and residents are aware of temporary changes that will occur during GC2018 and what they need to do to prepare for those changes.

The Get Set for the Games community awareness program will include a website, newsletters, advertisements and information sessions throughout 2017 and into 2018 leading up to GC2018 in April.

Figure 4 sets out the timeline for how venue precinct engagement fits into the broader whole of city engagement led by the Get Set for the Games program. On top of this ongoing, city-wide engagement which will occur right up until GC2018, there will also be targeted engagement activities based around GC2018 venues. This will assist in planning for how residents and businesses will operate in venue precincts during GC2018.

For more information and to subscribe to updates, visit www.getsetforthegames.com

1. Introduction

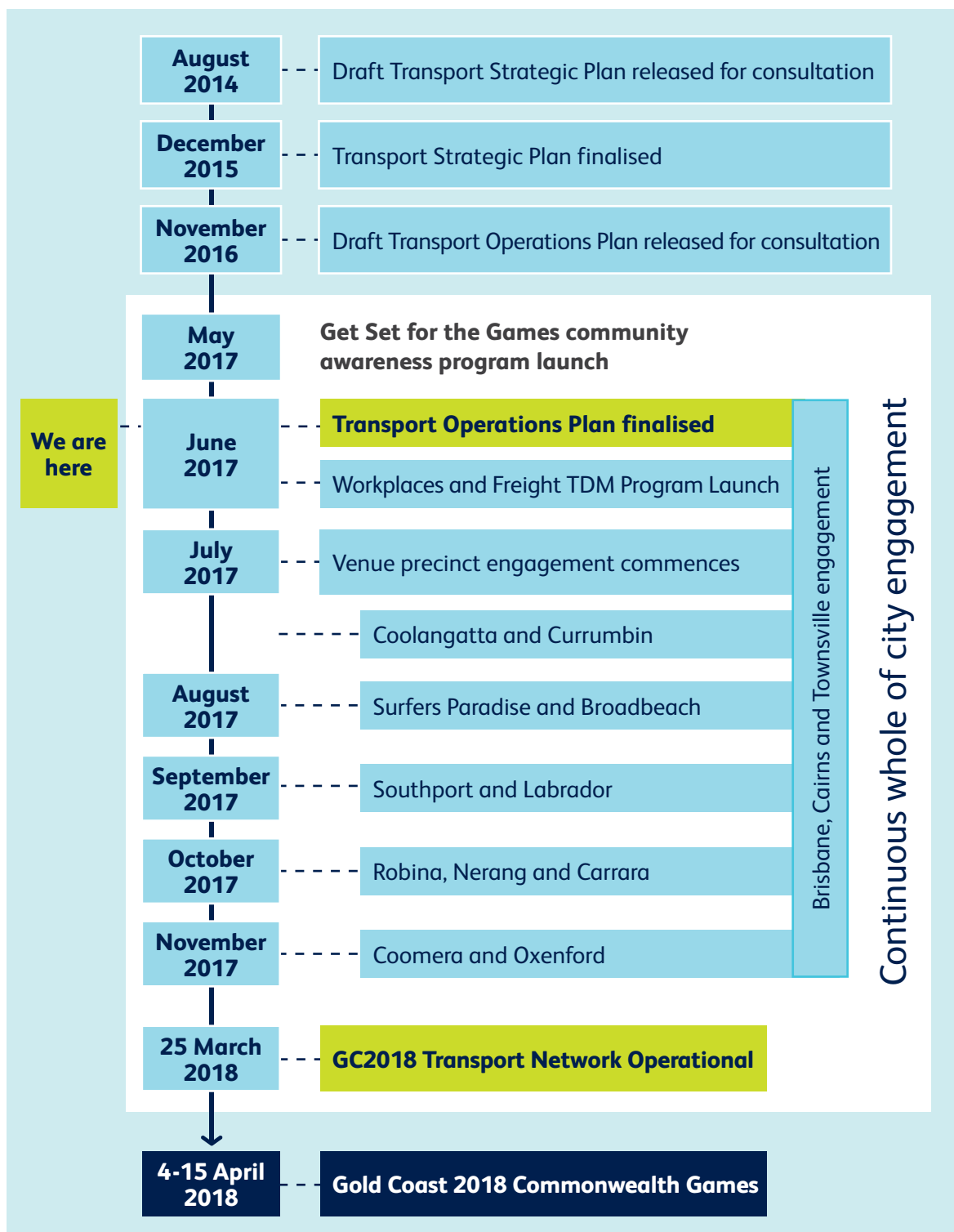


Figure 4: GC2018 Engagement Timeline

2.0

Games Background Information

2. Games Background Information

2.1 History of the Bid

On 11 November 2011, at the CGF General Assembly in St Kitts and Nevis, the Gold Coast was selected as Host City for the 2018 Commonwealth Games.

The Bid Book, which was approved by all levels of government and key stakeholders, formed the basis of the Host City Contract and Guarantees for GC2018.

The combination of the content and guarantees in the Bid Book, as well as the presentations and clarifications during the CGF Evaluation Commission collectively represent the commitments of the Gold Coast as host of GC2018.

Immediately following the award, the Queensland Government and the City signed the Host City Contract, as required by the CGF. The Contract outlines the obligations of the parties to the contract including guarantees from the Queensland Government and the City that commitments in the Bid Book will be met.

2.2 Games Planning and Implementation

Between winning the Bid in November 2011 and staging GC2018 in April 2018, significant planning and implementation will occur.

The key planning stages for GC2018 include:

- Foundation Planning
(February 2012 to January 2013)
- Strategic Planning
(February 2013 to March 2015)
- Operational Planning
(April 2015 to September 2016)
- Mobilise (October 2016 to September 2017)
- Readiness (October 2017 to March 2018)
- Games Operations
(March 2018 to June 2018)
- Legacy (July 2018 forward)

2. Games Background Information

2.3 Legislation and Regulation

Following the announcement that the Gold Coast had been selected to host the Games in 2018, the Queensland Government passed the *Commonwealth Games Arrangements Act 2011*, effective 1 January 2012.

The purpose of the Act is to establish GOLDOC to plan, organise and deliver GC2018 in conjunction with the Australian Commonwealth Games Association and the CGF.

The *Major Events Act 2014* came into effect on 1 January 2015 and it gives GOLDOC and its authorised representatives certain rights and responsibilities with respect to preparing for and running GC2018. The Act covers topics including:

- construction areas
- crowds and safety
- vehicles, roads and traffic
- airspace
- commercial matters
- marketing and advertising
- broadcast
- visiting health practitioners
- official logos and titles
- authorised persons

From a transport perspective, examples of application of powers under the Act would include the creation of priority traffic measures to support the movement of GC2018 transport and assigning powers to authorised persons to undertake vehicle permit checks at venue perimeters.

TMR and the City are reviewing and amending regulations and local laws to support the effective implementation of the Games Route Network (GRN) and management of the broader transport network.

2.4 GOLDOC

GOLDOC is a statutory body established on 1 January 2012 with the commencement of the *Commonwealth Games Arrangements Act 2011*.

GOLDOC's vision is to stage a great Games in a great city, leaving great memories and great benefits for all.

GOLDOC's mission is to conduct an athlete-focused Games with excellent competition in a fun and friendly environment with long-lasting benefits for the Gold Coast, Queensland, Australia and the Commonwealth.

GOLDOC's objectives are:

- To attract the best athletes to compete in a technically excellent, world class, fun and friendly Commonwealth Games.
- To launch the Commonwealth Games into a new decade with an inspiring, memorable and landmark event.
- To help our partners make the most of the opportunities presented by the Games.
- To engage and harness the enthusiasm of our communities.
- To contribute to economic growth by working with our partners to promote Queensland tourism, trade and investment.
- To present the Games in a creative way that will encourage comprehensive and positive exposure and support.

2. Games Background Information

2.4.1 GOLDOC's Values

GOLDOC has developed and endorsed the following set of values and these manifest themselves in the way all our employees do business:



Global – Where we think globally for the organisation, the Games and beyond.

Respect – Where our work and thoughts are respected and valued.

Excellence – Where we deliver excellence in everything we do.

Accountable – Where we act with the highest integrity and fairness.

Trust – Where we are empowered to do our job in a collaborative environment.

2. Games Background Information

2.5 The Event

GC2018 will be held from 4-15 April 2018 and these will be the XXI Commonwealth Games.

Prior to the commencement of GC2018, the Commonwealth Games Village (CGV) will have a 'soft' opening on Tuesday 20 March 2018 to allow team managers to prepare the Village for the arrival of athletes. On Sunday 25 March 2018, 10 days before the Opening Ceremony, the CGV will officially open for the arrival of athletes and team officials. Managing the arrival of teams, technical officials, the international media and Games officials will be the first major transport task.

During these 10 days of arrivals, transport services for athletes from the CGV to a variety of training locations around the Gold Coast will also be in operation. This period coincides 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 11 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. Throughout May and June of 2018, operations will continue with decommissioning of venues and the dissolution of GOLDOC.

Customised transport services will be required for approximately 6,600 athletes and team officials, 3,500 accredited media, 1,200 technical officials, 2,150 Games officials from the CGF, Commonwealth Games Associations (CGAs) and International Federations (IFs) of sporting bodies), over 50,000 workforce and volunteers, as well as 1.2 million spectators over the 11 days of competition. Augmented services will also be provided on the existing public transport network to support the day-to-day transport needs of the Gold Coast during GC2018.

2. Games Background Information

2.5.1 GC2018 Sports

The GC2018 Sports Program includes the following sports:

- Athletics
- Badminton
- Basketball
- Beach Volleyball
- Boxing
- Cycling
(Track, Road Race, Time Trial and Mountain Bike)
- Diving
- Gymnastics
(Artistic and Rhythmic)
- Hockey
- Lawn Bowls
- Netball
- Rugby Sevens
- Shooting
- Squash
- Swimming
- Table Tennis
- Triathlon
- Weightlifting
- Wrestling

The GC2018 Para-Sports Program includes the following sports:

- Aquatics (Swimming)
- Athletics (Track and Field)
- Cycling (Track)
- Lawn Bowls
- Para Powerlifting
- Table Tennis
- Triathlon



2. Games Background Information

2.6 Venues

The approach to GC2018 venues has been to locate competition and training venues as close as possible to the CGV. This ensures a cost-effective, sustainable approach to the delivery of transport services for athletes, officials and spectators for the majority of sports.

Shooting and Cycling (Track) events will be held in Brisbane, approximately 70 kilometres north of the CGV. The preliminary matches of the men's and women's Basketball competition will be held in Cairns and Townsville.



Gold Coast Convention and Exhibition Centre



Anna Meares Velodrome



Coomera Indoor Sports Centre

2. Games Background Information

2.6.1 Competition Venues

Competition venues and sports being played at those venues are shown in Table 2.

Figure 5 GC2018 Gold Coast Competition Venues Map and Figure 6 GC2018 Event Cities Venues Map show the geographical location of each venue.

| Competition Venue | Sport/Discipline |
|---|--|
| Carrara Stadium and Carrara Sport and Leisure Centre | Athletics, Para Powerlifting, Badminton, Weightlifting, Wrestling, Opening Ceremony and Closing Ceremony |
| Gold Coast Aquatic Centre, Southport | Swimming and Diving |
| Southport Broadwater Parklands | Marathon and Triathlon |
| Oxenford Studios | Boxing, Squash and Table Tennis |
| Gold Coast Hockey Centre, Labrador | Hockey |
| Robina Stadium | Rugby Sevens |
| Queen Elizabeth Park, Coolangatta Beachfront | Beach Volleyball |
| Broadbeach Bowls Club | Lawn Bowls |
| Gold Coast Convention and Exhibition Centre, Broadbeach | Basketball (Finals) and Netball (Preliminary rounds) |
| Cairns Convention Centre | Basketball (Preliminary rounds) |
| Townsville Entertainment and Convention Centre | Basketball (Preliminary rounds) |
| Coomera Indoor Sports Centre | Gymnastics and Netball (Finals) |
| Nerang Mountain Bike Trails | Cycling (Mountain Bike) |
| Currumbin | Cycling (Road Race, Time Trial) and Athletics (Race Walk) |
| Anna Meares Velodrome, Chandler | Cycling (Track) |
| Belmont Shooting Centre | Shooting |

Table 2: GC2018 Competition Venues and Sports

2. Games Background Information

2.6.2 Non-Competition Venues

Non-competition venues will generate considerable transport demands. Key non-competition venues include:

- The CGV situated at Parklands will provide accommodation for athletes and team officials. The CGV is four kilometres west of the Gold Coast Central Business District (CBD) at Southport, eight kilometres north-west of Surfers Paradise and 70 kilometres south of the Brisbane CBD.
- The Main Media Centre (MMC) at the Gold Coast Convention and Exhibition Centre at Broadbeach will be the main centre of activity for 3,500 accredited media personnel.
- The Games Family Hotel (Sheraton Grand Mirage Resort) will accommodate accredited Games officials.
- Technical officials will be accommodated at hotels near competition venues.
- Athletes' training venues.
- Uniform and Accreditation Centre.
- Main transport centres such as Gold Coast Airport, Brisbane International and Domestic Airports, Townsville Airport, Cairns Airport, Gold Coast heavy rail and light rail stations, park 'n' ride sites and bus stations.
- Transport support venues such as depots and the Transport Coordination Centre (TCC).
- Celebration Zones at Broadbeach and Surfers Paradise.

GC2018 Venues Map

Legend

- Pacific Motorway (M1)
- Heavy rail line
- Light rail line
- Main hotel area, including Media Accommodation
- Competition venue location
- MMC Main Media Centre
- CGV Commonwealth Games Village
- RVC Regional Village Cairns
- RVT Regional Village Townsville

Sport Pictograms

- | | |
|-------------------------|-------------------|
| Athletics | Lawn Bowls |
| Badminton | Netball |
| Basketball | Para Powerlifting |
| Beach Volleyball | Rugby Sevens |
| Boxing | Shooting |
| Cycling – Mountain Bike | Squash |
| Cycling – Road | Swimming |
| Cycling – Track | Table Tennis |
| Diving | Triathlon |
| Gymnastics – Artistic | Weightlifting |
| Gymnastics – Rhythmic | Wrestling |
| Hockey | |

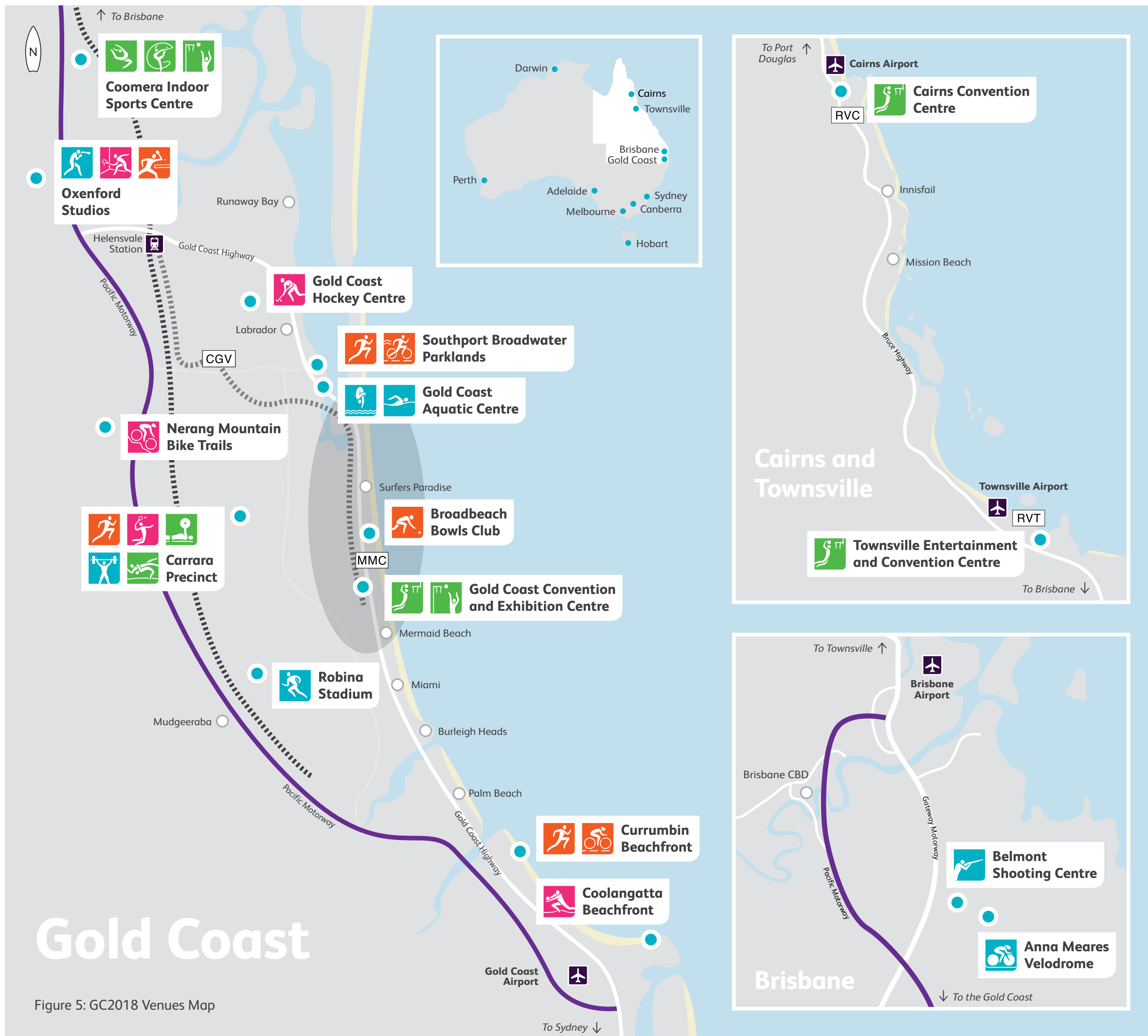


Figure 5: GC2018 Venues Map

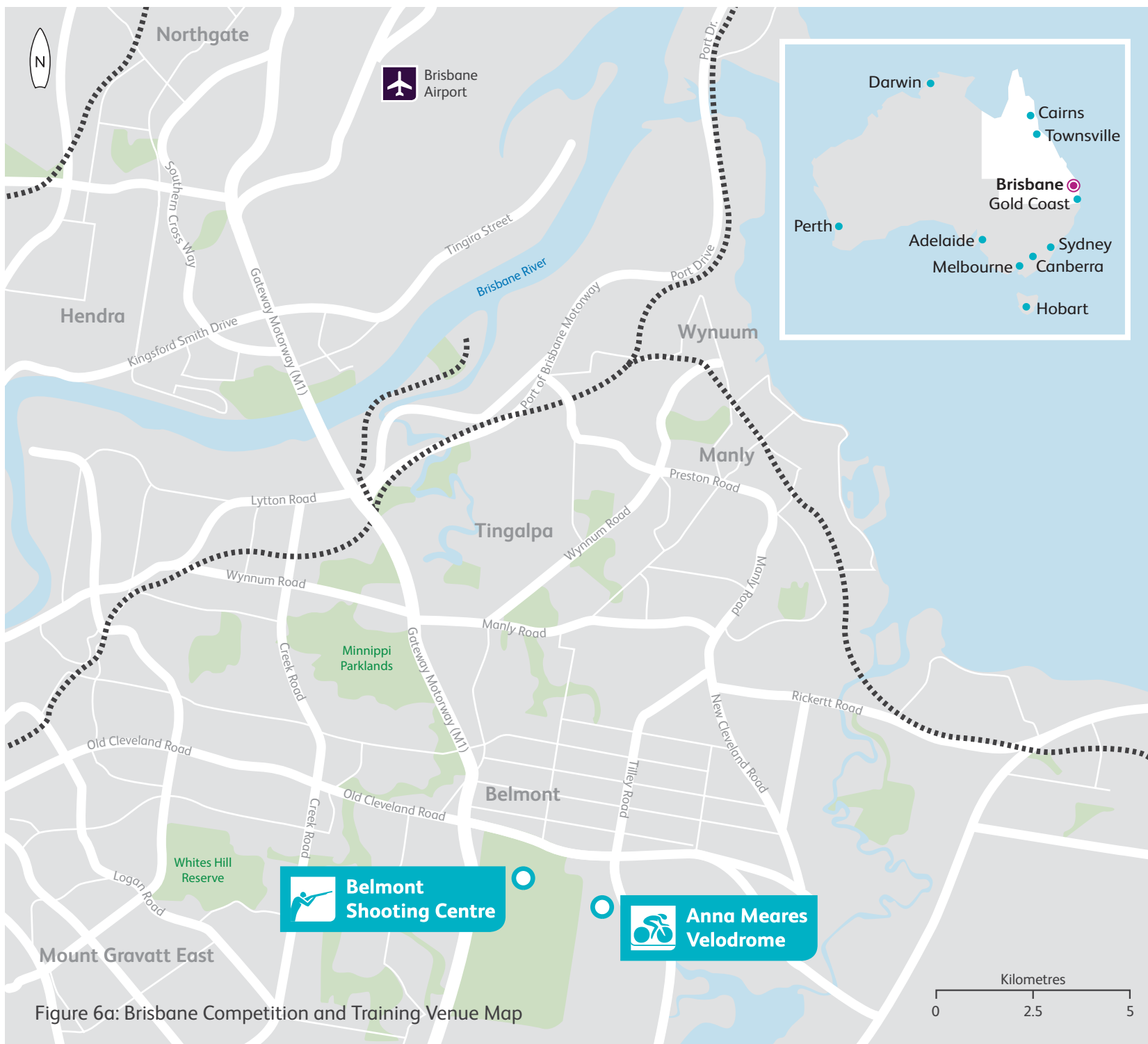


Figure 6a: Brisbane Competition and Training Venue Map

Brisbane

Competition and Training Venue Map

Legend

- Heavy rail line
- Venue location
- Cycling – Track
- Shooting
- Airport

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Townsville

Competition and Training Venue Map

Legend




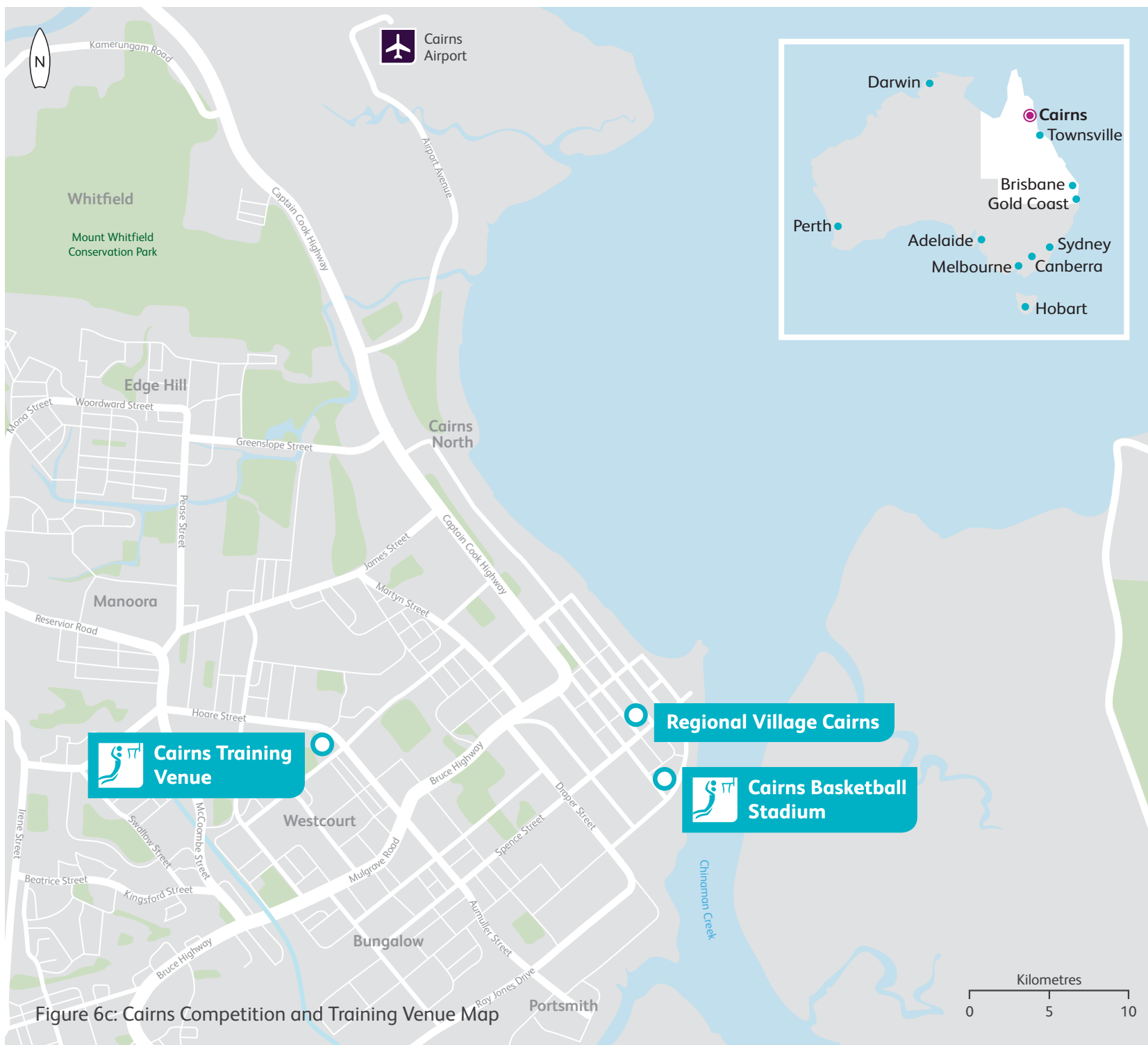
-  Venue location
-  Basketball
-  Airport



Figure 6b: Townsville Competition and Training Venue Map

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3.0

Transport Partnership

3. Transport Partnership

3.1 Commitment to Success

There are several key organisations committed to delivering a successful GC2018 and this commitment extends to securing a lasting legacy for the community. These organisations, outlined below, have been working collaboratively through formal governance forums since winning the Bid in 2011.

3.1.1 GOLDOC

GOLDOC is responsible for delivering GC2018 and ensuring the implementation of all other responsibilities not covered by the delivery partners.

In relation to GC2018 transport, GOLDOC is responsible for providing customised transport services for the Games Family client groups and implementing transport operations in partnership with local and state transport authorities.

3.1.2 Queensland Government

The Queensland Government is responsible for most of the issues of day-to-day concern to the people of Queensland. The Government is also responsible for ensuring all the necessary legislative measures are taken, ensuring delivery of major infrastructure projects and overall responsibility for security at GC2018.

3.1.3 Office of the Commonwealth Games

The activities of GOLDOC are assisted by Office of the Commonwealth Games (OCG) in the Queensland Department of Tourism, Major Events, Small Business and the Commonwealth Games. The OCG coordinates the delivery of government services supporting the delivery of infrastructure, and the planning and staging of GC2018.

3.1.4 The City

The priority for the City is to ensure that hosting GC2018 enhances the lifestyle the Gold Coast is renowned for.

The City and TMR are jointly responsible for various aspects of public domain transport.

The City's key tasks include:

- Local Area Traffic and Transport Plans (LATTP) which address road closures, kerb-side allocation and Controlled Parking Zones (CPZ) at or near venues for GC2018.
- TDM, which will support all the Gold Coast transport networks to function as effectively as possible.
- The planning and delivery of road closures, operational support, diversion routes and traffic management of all.
- Local road closures for GC2018 Road Events.
- Road Event field of play maintenance and capital works on local roads.
- Assisting with competition and non-competition venue transport planning.
- Provision and management of local roads to support the efficient operation of the GRN and movement of background traffic.

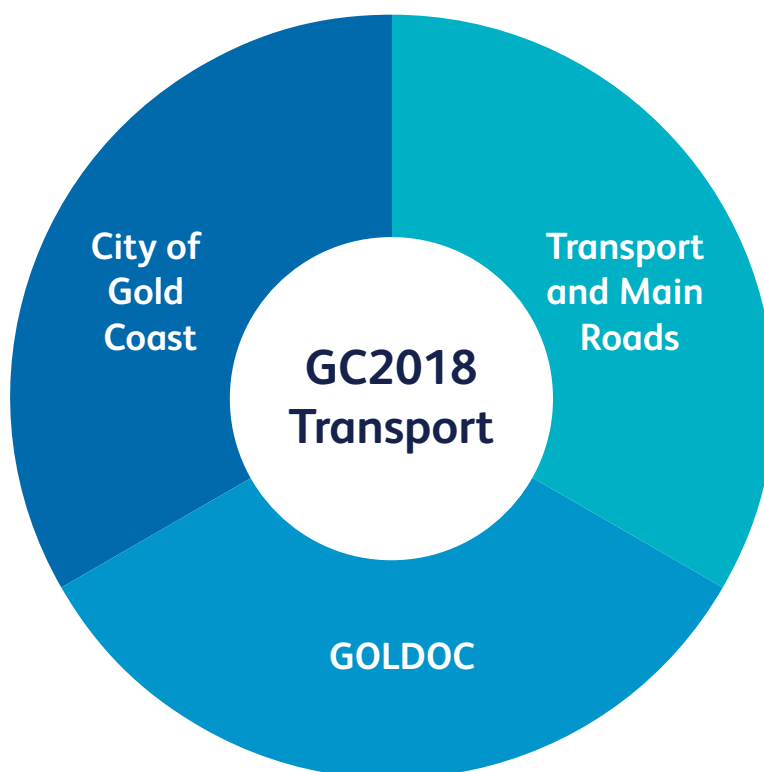
3. Transport Partnership

3.1.5 TMR

TMR's key tasks include:

- Provision and management of the GRN for reliable Games Family journey times.
- Management of GC2018 strategic travel routes (state-controlled roads) to support the efficient operation of the GRN and movement of background traffic.
- Establishment and operation of a multi-modal TCC with road operators, public transport operators and emergency services.
- Games time public transport.
- The planning and delivery of road closures, operational support, diversion routes and traffic management of all State-controlled road closures for GC2018 Road Events.
- Road Event field of play maintenance and capital works on state-controlled roads.
- Safety and security of the transport system.
- Provision and management of transport facilities for spectators and workforce access.
- TDM for spectators and workforce.

TMR and the City are working together to ensure a seamless 'One Network' approach to managing the public road network.



3. Transport Partnership

3.2 Transport Key Stakeholders

As planning progresses engagement is expanding to include a broad range of stakeholders. This is to ensure appropriate and effective strategies are adopted, as GC2018 transport plans are developed and delivered.

While the City, TMR and GOLDOC are jointly responsible for planning, funding and delivering the transport task, other key government agencies that will assist with the transport task are outlined below.

Queensland Police Service (QPS):

Contributing to the development of transport and security plans and protocols, while providing regulatory based field traffic management and enforcement during GC2018.

Queensland Fire and Emergency Services:

Public safety planning for the prevention and preparation to enable response and recovery operations to emergencies. Building fire safety compliance and emergency access and egress.

Queensland Ambulance Service:

Delivering pre-hospital ambulance response services, emergency and routine pre-hospital patient care and transport services, co-ordinating aeromedical services, inter-facility ambulance transport, planning and multi-casualty incidents and disasters, and casualty room services.

Providing pre-hospital health care and emergency transport services to GC2018 athletes, Games Family, workforce and QPS specialist response groups.

Townsville City Council and Cairns Regional Council:

Local government authorities hosting regional Basketball games.

Brisbane City Council:

Cycling (Track) and Shooting will be hosted at venues within the Brisbane City Council area.

3. Transport Partnership

3.3 Security

The safety and security of the Games Family, spectators and workforce is paramount. Transport partners are working closely with QPS and GOLDOC security to provide safe and secure networks and services. All heavy rail, light rail and bus operators will review their security arrangements to meet Games requirements in accordance with transport security legislation.

The QPS is leading a thorough security assessment program across the entire Games environment and all transport partners are committed to incorporating findings and recommendations into planning, where possible. This program includes security assessments of the designated transport system for GC2018 led by QPS and TMR.

3.4 Other Transport Related Functions

3.4.1 Venue Planning

Decisions made in relation to the layout and operation of competition and non-competition venues can have significant implications to the operation of the transport system during GC2018, particularly in relation to the size of the fleet and workforce required to meet transport service requirements. The transport partners are working closely with those responsible for venue operations and overlay to ensure appropriate arrangements are made to support effective transport operations for GC2018.

4.0

Games Family Transport

4. Games Family Transport

4.1 Overview

GOLDOC is responsible for the transport needs of the Games Family and some operational staff, while TMR and the City are jointly responsible for various aspects of spectator, workforce, volunteer and background transport.

The Games Family comprises key client groups which include athletes and team officials, media, broadcast, and technical officials.

The Games Family client groups are listed in Table 3 below.

| Client group | Members | Fleet | Estimated group size |
|------------------------------------|---|---|----------------------|
| Athletes and Team Officials | Athletes, Team Officials, administrative and medical personnel and press attaché | Shuttles and team buses | 6,600 |
| Games Officials | Heads of State, CGF President and Vice-Presidents, CGF Chief Executive Officer, Presidents of the International Olympic Committee and International Paralympic Committee, Presidents and Secretary General of the Commonwealth, the Vice Patron of the Federation, CGF staff, CGA Chef de Mission and General Team Managers, CGA Presidents and Secretaries General, CGA staff, CGF and CGA guests, Mayor of the Host City, Presidents and Secretaries General of the International Federations, members of Federation Technical Committees, members of Future Organising Committees and sponsors | Combination of dedicated car-with-driver, On Demand and Request for Transport | 2,150 |
| Accredited Media | Print Press, Photojournalists, Host Broadcaster, Rights-holding Broadcasters | Shuttle buses and dedicated services | 3,500 |
| Technical Officials | Sports Technical Officials | Shuttle buses and dedicated services | 1,200 |

Table 3: Games Family Client Groups

4. Games Family Transport

4.1.1 Free Travel Arrangements

Free public transport will be available on the TransLink network in South East Queensland and Cairns and the *qconnect* bus network in Townsville when GOLDOC accreditation is presented.

Free travel will be provided to the Games Family client groups listed below between Sunday 25 March and Wednesday 18 April 2018:

- Games officials (CGA and CGF members)
- technical officials
- athletes
- IF members
- accredited media
- accredited GC2018 workforce and volunteers

In addition to free public transport, Games Family client groups have additional transport provision during GC2018 which varies according to transport accreditation. Service Level Agreements are being developed between GOLDOC, the CGF and the respective client groups for GC2018. These will further define the transport provisions for each client group.

4.1.2 Commonwealth Games Associations

CGAs are the organisations responsible for preparing, selecting and sending a team to participate in Commonwealth Games. There are 70 CGAs, each representing one of the nations, territories and sovereign states taking part in GC2018.

Transport of the CGA members, in particular the athletes and team officials, is critical to the success of GC2018, with prompt and punctual services essential. Few operations are more important than ensuring athletes arrive at venues in ample time to compete in their events. As such, these clients will be given the highest priority in terms of journey planning and service specification. There will be approximately 6,600 athletes and team officials requiring this level of service.

GOLDOC will provide safe, secure, reliable and accessible transport for athletes and team officials in the form of dedicated bus and coach services. These will be scheduled services running on a frequent basis from the transport mall in the CGV to all competition and training venues.

Each CGA will also be granted access to a pool of bookable vehicles managed by GOLDOC for use during GC2018. The number of vehicles a CGA may access will be determined according to the allocations defined within the CGF Accreditation Matrix.

In addition to this, each of the CGAs will have a number of Games Officials at the Games Family Hotel who will have access to Fleet transport which consists of car-with-driver vehicles and a pool of on-demand and pre-bookable vehicles. These vehicles will be allocated according to the service levels defined within the CGF Accreditation Matrix.

4. Games Family Transport

4.1.3 Commonwealth Games Federation

The CGF client group consists of the Executive Board, committees and staff. CGF clients will primarily be transported around the city by the Fleet system.

4.1.4 Technical Officials

The rules of every competition event will be administered by Technical Officials. There will be approximately 1,200 Technical Officials at GC2018 and they will be transported between their accommodation and events using either a fleet of scheduled and pre-booked buses according to the competition schedule and their work requirements or self-drive vehicles.

4.1.5 International (Sports) Federations

Each GC2018 sport is administered by a global governing body, known as an IF that approves the field of play. For example, Athletics is represented by the International Association of Athletics Federations (IAAF). The IF client group consists of presidents, secretary generals, technical delegates and staff from each of the sports on the GC2018 program. Transport services will be provided in accordance with the CGF Accreditation Matrix.

4.1.6 Accredited Media

It is estimated there will be approximately 3,500 accredited media in attendance during GC2018. The Media Transport Mall (MTM), situated close to the Main Media Centre (MMC) will be the centre of media transport operations. GOLDOC intends to accommodate a large portion of media personnel within the Broadbeach area so they have easy access to the MMC at the Gold Coast Convention and Exhibition Centre and their transport services at the MTM. An accommodation shuttle will be provided by GOLDOC for media staying outside the Broadbeach area.

From the MTM, scheduled bus services will connect media to event venues on a frequent basis. The services will be designed to move media to venues prior to competition starting and return them after competition has completed but will continue to operate during competition periods to provide an ongoing service. The bus services will be supplemented by a self-drive vehicle pool which will be available for hire to accredited media clients. A select group of Host Broadcast clients will be provided with scheduled direct and dedicated transport between their accommodation and venues according to the competition schedule and their work requirements.

4.1.7 Sponsors

Sponsors and their guests will attend GC2018. GOLDOC will make available a fleet of buses, mini-buses and coaches to these clients on a fee-paying basis.

4. Games Family Transport

4.1.8 Games Staff and Volunteers

For the duration of GC2018 workforce and volunteers will be encouraged to travel to their places of work by walking, cycling and public transport. Workforce and volunteers will have GC2018 accreditation providing them with access to free public transport including park 'n' ride options, to and from their places of work from first service Sunday 25 March to last service Wednesday 18 April 2018.

4.1.9 Games Route Network

In order to provide Games Family client groups, in particular athletes, expedient and reliable journey times, a GRN will be implemented which is similar to that used at previous Commonwealth Games. The GRN will comprise a network of roads that link accommodation with competition and key non-competition locations.

4.1.10 Vehicle Fleets

Bus and Coach: The Games Family bus and coach fleet will be sourced from experienced transport operators. Vehicles and drivers will be hired for the duration of GC2018 by GOLDOC.

Fleet: The vehicle car fleet will be sourced by GOLDOC. Drivers for the non-bus vehicles will be recruited from a pool of volunteers.

All vehicles sourced for use at GC2018 will be of an acceptable standard, with agreed parameters set on accessibility and emissions levels. When sourcing the fleet vehicles, the specifications will be based on the best technology available at the time. This will focus on safety, accessibility, comfort, reliability, fuel efficiency and noise and emissions levels.

4.1.11 Drivers

The transport workforce is essential to the successful delivery and performance of GC2018 transport operations and the overall perception, image and reputation of GC2018. In order to achieve the highest standards of service the processes of recruitment, training and deployment will be rigorously planned and managed throughout the planning and delivery periods.

All drivers recruited will undergo thorough training to enable familiarisation of the GC2018 routes and venues. They will also receive training on security protocols and procedures, the background to GC2018, Games history and local knowledge. Where required, specific training will be provided, tailored to the needs of the client groups whom they will be driving and related to their vehicle accreditation category.

4. Games Family Transport

4.1.12 Commonwealth Games Village

The CGV is ideally situated, providing extensive transport connections and minimal travel times to the majority of venues. The Smith Street Motorway provides a direct link to the Pacific Motorway, which connects to competition venues, training venues, Gold Coast Airport, Brisbane International Airport and Brisbane Domestic Airport. Vehicle movements to and from the Village and GC2018 venues are supported by the recent widening of Smith Street Motorway from four to six lanes.

The Gold Coast light rail system, known as G:link, includes the Griffith University station directly opposite the International Zone, providing athletes with an effortless connection to destinations across the Gold Coast.

At the front of the Village, with direct access off Parklands Drive, is the Transit Mall where shuttle buses will connect athletes to training and competition venues. This area is immediately adjacent to the security entry check, International Zone and the main dining hall.

The Transport Mall is exclusively dedicated for the loading and unloading of competing, training and spectating athletes and officials travelling to/from training and competition sites. Bus pick-up and drop-off zones will be provided according to sport and venues. The Transport Mall will have suitable signage and information for Village residents wishing to use the transport services available to them based on their level of accreditation. The Transport Mall will have an access control point directly into the Residential Zone for the Village residents.

The Fleet Depot is exclusively dedicated for the loading and unloading of athletes and team officials travelling to/from training, competition and other approved sites via fleet vehicles. The services available include a bookable service (booked by the teams for a set period of time) or the use of an on-demand (taxi style) fleet service. The Fleet Depot will have suitable signage and information for Village residents wishing to use the services available to them based on their level of accreditation. The Fleet Depot will have an access control point directly into the Residential Zone for the Village residents.

The Fleet Depot has a dedicated access road off Hospital Boulevard, and will not conflict with the Transport Mall off Parklands Drive.

A transport management plan is being developed for the CGV to assist with managing transport in the area.

4.1.13 Games Family Hotel

GOLDOC has secured the Sheraton Grand Mirage Resort as the official Games Family Hotel. The Games Family Hotel is located on Seaworld Drive at The Spit (Main Beach). Games Family guests will be provided with transport services to all official GC2018 venues via a bookable or on-demand Fleet vehicle service from load zones at the Games Family Hotel. A transport management plan is being developed for The Spit and Main Beach to assist with managing transport in this area.

4. Games Family Transport

4.1.14 Training Venues

The majority of training venues are located within a 20-minute drive of the CGV with the exception of the Anna Meares Velodrome at Chandler for Track Cycling, the Belmont Shooting Centre for Shooting and Coolangatta Beachfront for Beach Volleyball. Basketball preliminary rounds will be staged in Cairns and Townsville.

In addition to training at competition venues, extra training venues have been identified as shown in Table 4. Shuttle bus and team bus services will be available for access to training venues, and traffic management measures will be developed to maximise the efficient operation of transport services to training venues.

| Training Venue Name | Sport(s) |
|---------------------------------|---|
| Ashmore PCYC | Boxing |
| Bond University HPTC | Rugby Sevens (Recovery and Gym) |
| Cairns Basketball Stadium | Basketball |
| Carrara Athletics Warm Up | Athletics |
| Gold Coast Turf Club | Para Powerlifting, Weightlifting |
| Griffith University | Athletics, Swimming |
| Musgrave Hill Bowls Club | Lawn Bowls |
| Oxenford Studios | Badminton |
| Parkwood Sharks Oval | Rugby Sevens |
| Runaway Bay Indoor Stadium | Netball |
| Runaway Bay Sports Super Centre | Hockey, Cycling, Triathlon, Beach Volleyball, Para Marathon, Para Triathlon |
| St. Hilda's School | Wrestling, Rhythmic Gymnastics |
| The Southport School | Rugby Sevens, Basketball |
| Townsville Stadium | Basketball |

Table 4: GC2018 Training Venues

4. Games Family Transport

4.2 Ports of Entry

GOLDOC will provide airport transfers to and from approved accommodation locations for athletes, technical officials and Games Family. This will require a significant planning and scheduling effort. Buses and trucks will be required to transport luggage and equipment. Trucks will also be used for the transport of equipment to venues for training and competition. It is anticipated that most CGAs will depart the Gold Coast within three days after the Closing Ceremony.

It is envisaged that GOLDOC Games Family Services will conduct pre-Delegation Registration Meetings approximately six months prior to GC2018, when information regarding team arrivals will be collected from CGAs. This information is essential for GOLDOC to plan the transport of athletes from the airports. Games Family Services will encourage all Chefs de Mission to arrive on the Gold Coast prior to their delegation. This will assist GOLDOC partners to confirm arrivals data and team transport protocols.

It is currently proposed to establish arrivals and departures desks within airports to support the Games Family. Athletes and team officials will be transported directly to the CGV Welcome Centre. Athletes will be accredited and then move directly into their Village accommodation. Athletes luggage will be transported from the airport to the Village, which will be security checked while accreditation takes place. Once athletes have their accreditation, they will be entitled to use the athlete bus system for access to training, competition and ceremonies. They will have access to free public transport on the TransLink network in South East Queensland and Cairns, and the *qconnect* bus network in Townsville.

Games Family will be transported from the airport welcome areas to the Games Family Hotel, where they will have access to a fleet car service appropriate to their individual accreditation. They will also have access to free public transport on the TransLink network in South East Queensland and Cairns, and the *qconnect* bus network in Townsville.

4. Games Family Transport

4.3 Depots and Garaging

The Games Family vehicle fleet depots will be strategically located within the city to provide coverage to all official GC2018 venues. They will contain 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 safety, security and environmental criteria required to provide a safe 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.

Potential locations for the athlete bus depot have been identified close to the CGV.

During general operation, all vehicles will have a requirement to stop either for driver changeover or comfort, or while waiting between periods of use. To cater for this, venues will, where possible, have a waiting area on site or nearby.

4.4 Equipment and Luggage

GC2018 will generate a significant demand for the movement of freight and servicing of venues. The GOLDOC Logistics Team will manage and supervise delivery scheduling, receipt, distribution, asset tracking and disposal of freight to and from venues. The Logistics Functional Area will also have a role in planning and providing the transport of athletes' sports equipment and luggage, known as 'accompanied freight'.

The amount and size of equipment and luggage that each athlete brings to GC2018 will determine how it is transported between venues. Where only personal luggage is brought to GC2018, this may be transported in the same vehicle as the athlete. Larger items will be transported in a separate vehicle, suitable for that particular item of equipment.

5.0

Spectator and Workforce Transport

5. Spectator and Workforce Transport

5.1 Overview

Public transport and active transport will be the key modes of access for GC2018 venues and the arts and cultural festival.

The existing public transport network, comprising heavy rail, light rail and local bus routes, will be supplemented with dedicated Games shuttle bus services and temporary transport interchanges will operate to provide a seamless end-to-end journey for spectators and accredited workforce.

A positive public transport experience during GC2018 will help facilitate a sustained increase in use of public transport – a lasting legacy for the Gold Coast.

5.1.1 Forecasting Travel Demand

Planning has been informed by a comprehensive suite of transport models developed to forecast travel demand and network performance during GC2018. The models use data from Gold Coast events and previous Games to generate a profile of daily GC2018 spectator and workforce, non-ticketed events and business as usual travel.

The models are being used to test a range of scenarios to understand capacity constraints on the transport system and the road network and to assess options to maximise the capacity of networks.

Following the release of spectator tickets in 2017, ticket sales data will be incorporated into the models to provide more refined forecasts of travel demand and behaviour.

5.1.2 Free Travel Arrangements

Free public transport will be available for ticketed spectators travelling to and from competition events on the Gold Coast and in Brisbane on the South East Queensland TransLink public transport network. In Cairns and Townsville free travel will be available on TransLink and *qconnect* bus services. Spectators will be required to present a valid GC2018 ticket for the day of travel.

Individuals with GOLDOC accreditation will also have access to free travel on the TransLink public transport network in South East Queensland and Cairns. Free travel on the *qconnect* bus services in Townsville will also be available when GOLDOC accreditation is presented from the first service on Sunday 25 March 2018 until the last service on Wednesday 18 April 2018.

Free travel will not be available for spectators and workforce on the Airtrain service as it is a privately-owned and operated company which sets its own fares, service levels and timetables. The Airtrain operates between the Brisbane Domestic and International Airports and Eagle Junction station.

5. Spectator and Workforce Transport

5.1.3 Spectator Access to Venues

Spectators will access competition venues and key GC2018 precincts via a range of travel options.

Travel options will vary depending on the spectator origin, day of travel, venue being accessed and the time of day travel occurs. Travel options to competition venues are summarised in Figures 7, 8 and 9.

Most journeys will require travel via a combination of modes, given the dispersed nature of spectator origins. This multi-modal approach is aimed at distributing demand across the network and maximising the use of existing public transport infrastructure.

Spectators travelling within the Gold Coast to a GC2018 venue on the coast, will be encouraged to:

- Walk or cycle directly to a transport hub or competition venue, where cycle parking will be provided.
- Travel by local bus, heavy rail or light rail service to a transport hub or competition venue.

From transport hubs, spectators will have access to Games shuttle buses.

Spectators travelling from Brisbane will be encouraged to catch a train using the Gold Coast heavy rail line to a transport hub on the Gold Coast. They will then catch a Games shuttle bus service, or in some cases walk, to nearby competition venues. Given the catchment of the Gold Coast heavy rail line and the dispersed nature of spectator origins, spectators will have access to a park 'n' ride located on the Gold Coast from which they will board a Games shuttle bus and travel to the competition venue.

In Event Cities (Brisbane, Cairns and Townsville), spectators travelling to GC2018 events will be encouraged to:

- Walk or cycle directly to a competition venue.
- Travel by local bus routes to a competition venue.
- Park 'n' walk to a venue in Cairns and Townsville.

More information on venue access arrangements is included in the Venue Transport chapter.

5. Spectator and Workforce Transport

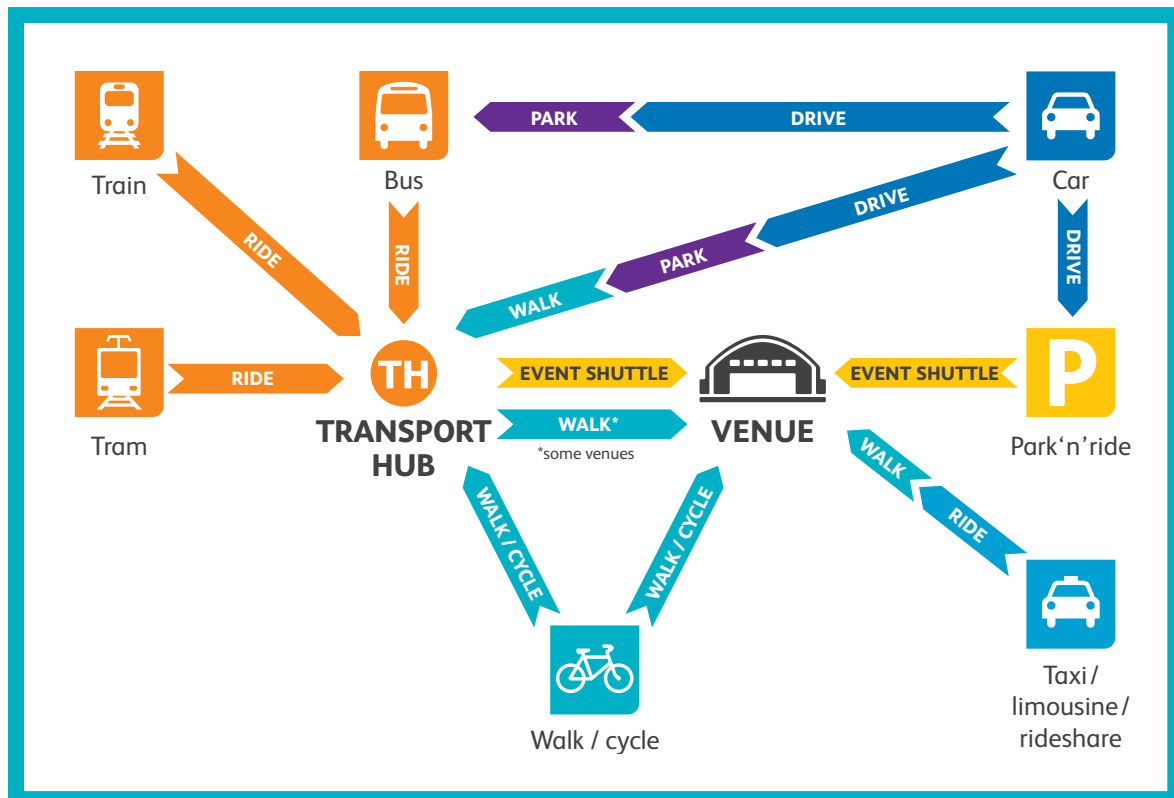


Figure 7: Travel Options (Gold Coast)

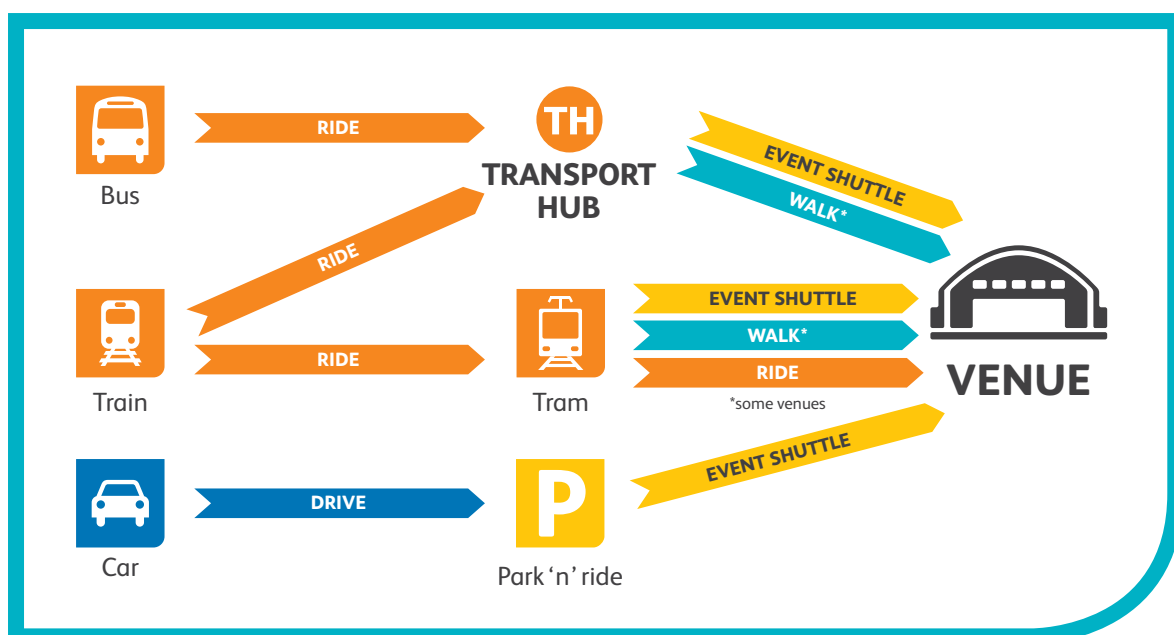


Figure 8: Travel Options (Brisbane to Gold Coast Corridor)

5. Spectator and Workforce Transport

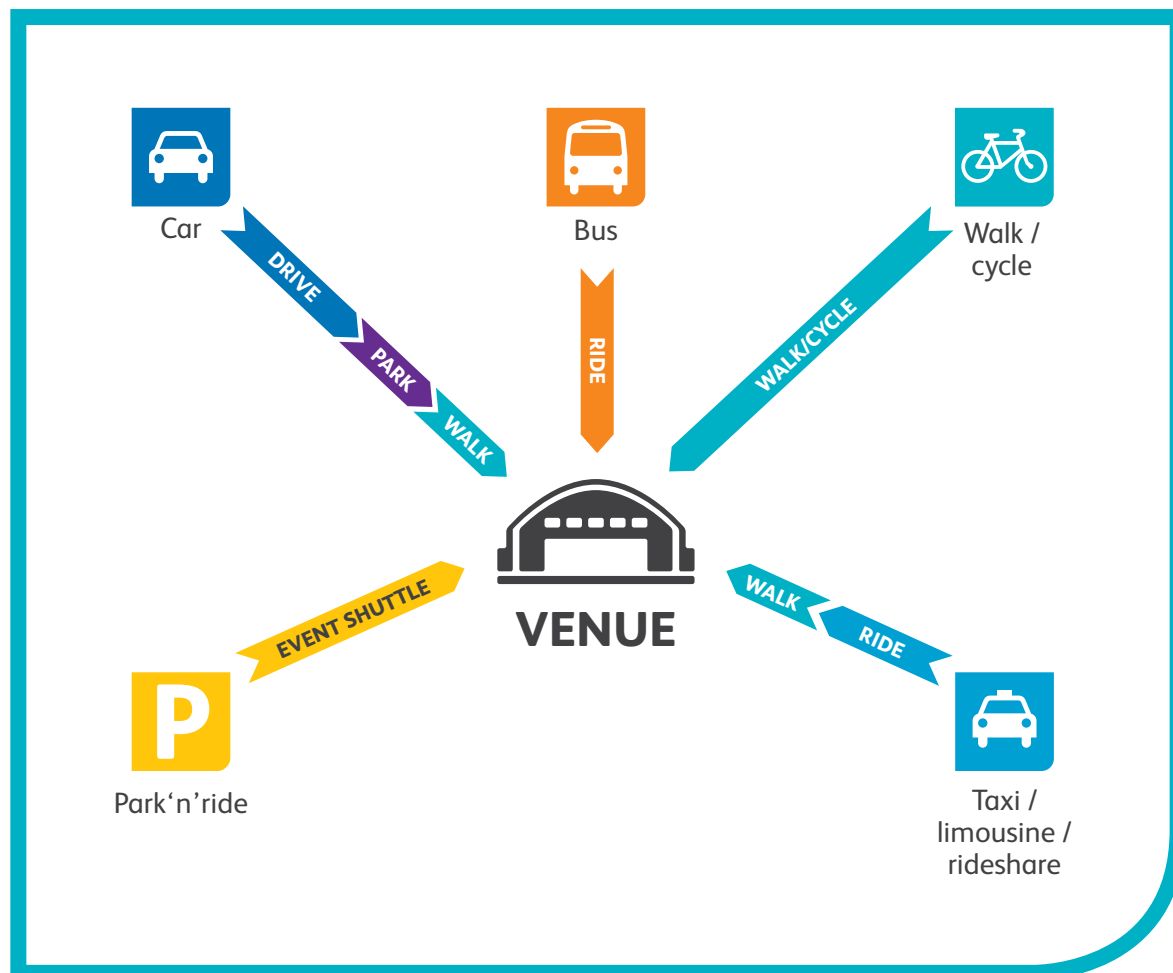


Figure 9: Travel Options (Event Cities)

5. Spectator and Workforce Transport

5.2 Accessibility

Planning for people with accessibility requirements forms part of the GC2018 planning and delivery process. The transport partners are working carefully to ensure that GC2018 facilities and services are designed to provide an equitable transport experience. By taking an end-to-end approach to travel, options for persons with accessible and/or medical requirements will be provided with information around their access options for each venue. This will be available through the GC2018 journey planner, spectator event guides, online travel information and customer contact centres.

5.3 Travel Advice

Comprehensive travel and transport advice will be available for ticketed and non-ticketed spectators and workforce in advance of and during GC2018. Some information is available in the GC2018 Ticketing Guide. More information will be provided in early 2018 through a range of communication channels including a GC2018 journey planner, spectator event guides and online travel information. Customer information and wayfinding signage will be provided at all transport facilities to assist spectators to find their way along their journey.

Travel information tailored to each venue will be provided directly to spectators following ticket purchase that details preferred travel times, routes and travel options.

5.4 Transport Modes

The transport strategy for GC2018 is driven by a multi-modal transport approach aimed at distributing demand across the network and maximising the use of the existing public transport networks.

The Gold Coast is serviced by an integrated network of heavy rail, light rail and local bus routes, an extensive network of cycle routes and shared-use paths that provide for safe and convenient active travel. In addition, spectators and workforce with accessible needs will have public transport options available to travel to and from events.

The significant transport demand generated by GC2018 will require enhancements to the current public transport system. Services will be tailored to support peak spectator and workforce movement as well as the anticipated increased 'background demand' on the public transport network as a result of increased visitors to the Gold Coast during GC2018.

The Gold Coast's bus lane network will be temporarily supplemented by Games Lanes on the GRN to prioritise the efficient movement of Games Family vehicles, Games shuttle buses and local bus services. TMR and QPS will work with all public transport operators to implement effective safety and security procedures to meet GC2018 needs.

Gold Coast

GC2018 Spectator Transport Network

Legend




-  Core GRN
-  Pacific Motorway (M1)
-  Heavy rail line
-  Light rail line
-  GC2018 shuttle bus service
-  Route GC2018
-  High frequency local bus route
-  Airport
-  Heavy rail station
-  Potential park 'n' ride
-  Commonwealth Games Village
-  Competition venue locations



Figure 10: GC2018 Gold Coast Public Transport Network Map

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5. Spectator and Workforce Transport

5.4.1 Local Bus

Local bus routes are the most frequently used public transport option for local journeys within the Gold Coast. Currently there are 60 local bus routes across the city. Interchanging between buses and heavy rail or light rail services is possible at 12 locations.

During GC2018 local bus routes will:

- Provide direct spectator access to GC2018 venues at Southport, Carrara, Broadbeach, Robina and Coolangatta.
- Link spectators and general public to multi-modal transport hubs and GC2018 shuttle services.
- Cater for 'business as usual' community, commuter and visitor travel, including access to accommodation and business precincts, Gold Coast Airport and arts and cultural activities.
- Connect car parking opportunities along key bus corridors to transport hubs.

The high frequency (turn up and go) local bus routes will operate at a frequency of 15 minutes or better at peak times and will provide an attractive transport option to access a range of GC2018 venues and activity precincts.

Service frequency and/or hours of operation along key bus routes will be improved to cater for increased travel demand.

Local bus services identified for enhancement include connections between:

- Broadbeach and Coolangatta
- Main Beach and Broadbeach
- Runaway Bay and Southport
- Helensvale and Coomera
- Varsity Lakes and Coolangatta
- Nerang and Surfers Paradise
- Nerang and Broadbeach
- Robina and Broadbeach

These bus corridors are shown in Figure 10.

Service enhancements on other transport corridors will be investigated as travel demand and supply profiles are refined.

5. Spectator and Workforce Transport

5.4.2 Heavy Rail

The Gold Coast line provides a high capacity public transport connection between the Gold Coast and Brisbane. It caters for significant commuter travel to and from greater Brisbane in the morning and afternoon peak periods and also provides a convenient connection to the Brisbane International and Domestic Airports.

During GC2018 the Gold Coast heavy rail line and stations will:

- Continue to cater for the 'business as usual' community including the significant Brisbane – Gold Coast commuter demand.
- Provide the principal public transport connection between greater Brisbane and the Gold Coast.
- Provide spectator and workforce transport to transport hubs and venues.
- Provide direct access to Carrara and Robina competition venues.
- Connect GC2018 park 'n' ride sites at Varsity Lakes and Beenleigh to GC2018 transport hubs and venues.
- Cater for travel between Brisbane International and Domestic Airports and the Gold Coast.

Additional heavy rail services will operate between Brisbane and the Gold Coast during peak spectator travel periods to support GC2018 demand.

The duplication of the heavy rail line between Coomera and Helensvale is currently under construction. This will be completed in 2017 and will improve reliability and capacity on the Gold Coast line.

During GC2018, most heavy rail stations will act as transport hubs for spectator and accredited workforce, with GC2018 shuttle bus services operating to and from competition venues.

Interchange opportunities between heavy rail stations and competition venues are summarised in Table 5.

5. Spectator and Workforce Transport

| Station | Interchange | Competition venue | Sport |
|------------------------------|--|---|--|
| Coomera station | via Games shuttle | Coomera Indoor Sports Centre | Gymnastics (Artistic and Rhythmic) and Netball (Finals) |
| Helensvale station | via Games shuttle | Oxenford Studios | Boxing, Squash and Table Tennis |
| | via Games shuttle supported by light rail | Gold Coast Hockey Centre | Hockey |
| | via Games shuttle supported by light rail | Gold Coast Aquatic Centre | Aquatics (Swimming and Diving) |
| | via Games shuttle* supported by light rail | Southport Broadwater Parklands | Triathlon and Marathon |
| Nerang station | via Games shuttle or walk | Carrara Precinct: <ul style="list-style-type: none"> • Carrara Stadium • Carrara Sports and Leisure Centre | Ceremonies, Athletics, Badminton, Para Powerlifting, Weightlifting and Wrestling |
| | via Games shuttle | Nerang State Forest | Cycling (Mountain Bike) |
| | via Games shuttle | Broadbeach Precinct: <ul style="list-style-type: none"> • Broadbeach Bowls Club • Gold Coast Convention and Exhibition Centre | Lawn Bowls, Basketball (Finals) and Netball (Preliminaries) |
| Robina station | walk | Robina Stadium | Rugby Sevens |
| Varsity Lakes station | via Games shuttle | Coolangatta Beachfront | Beach Volleyball |
| | local bus | Currumbin Beachfront | Cycling (Road, Time Trial) and Athletics (Race Walk) |

Table 5: Interchange opportunities between heavy rail and competition venues

**Note these services only apply to Triathlon*

5. Spectator and Workforce Transport

5.4.3 Gold Coast Light Rail

The Gold Coast light rail currently operates between the Gold Coast University Hospital station in Southport and Broadbeach South station in Broadbeach. The network is 13 kilometres long with 16 stations.

The 7.3 kilometre Stage 2 light rail extension runs from Gold Coast University Hospital station to Helensvale heavy rail station and bus interchange, and will be operational prior to GC2018.

The Gold Coast light rail can carry 300 passengers per tram, and has a regular service frequency of 7.5 minutes.

During GC2018 the Gold Coast light rail will:

- Continue to cater for community, commuter and visitor travel.
- Provide direct access to arts and cultural activities at Broadbeach and Surfers Paradise.
- Provide spectator and workforce transport to transport hubs.
- Support spectator and workforce transport to Southport, Broadbeach and Labrador competition venues.

Frequency of light rail services will be increased and hours of operation will be expanded during GC2018.

5.4.4 GC2018 Shuttle Buses

Dedicated Games shuttle bus services will complement the existing public transport network during GC2018. These services will be accessible to ticketed spectators and accredited workforce travelling to and from a competition venue.

Three types of Games shuttle bus services will be provided:

- Shuttles connecting transport hubs including heavy and light rail stations to venues. Service schedules will be dependent on forecast spectator demand, venue location and gate opening times.
- 'Route GC2018' shuttles supporting the existing public transport network on the Gold Coast and connecting key transport interchanges on the Gold Coast with major competition venues.
- Shuttles connecting park 'n' rides to venues. Service schedules will be dependent on forecast spectator demand, venue location and gate opening times.

During GC2018 these Games shuttle buses will:

- Transport spectators and accredited workforce between existing transport hubs (for example, heavy and light rail stations) and competition venues prior to and post a competition event.
- Connect spectators and accredited workforce between GC2018 park 'n' ride facilities and competition venues prior to and post a competition event.

Games shuttle bus routes and schedules will be reviewed as ticket sales information becomes available and GC2018 travel patterns can be further established.

Figure 11 identifies the proposed Games shuttle bus services to and from park 'n' rides and transport hubs to and from competition venues.

5. Spectator and Workforce Transport

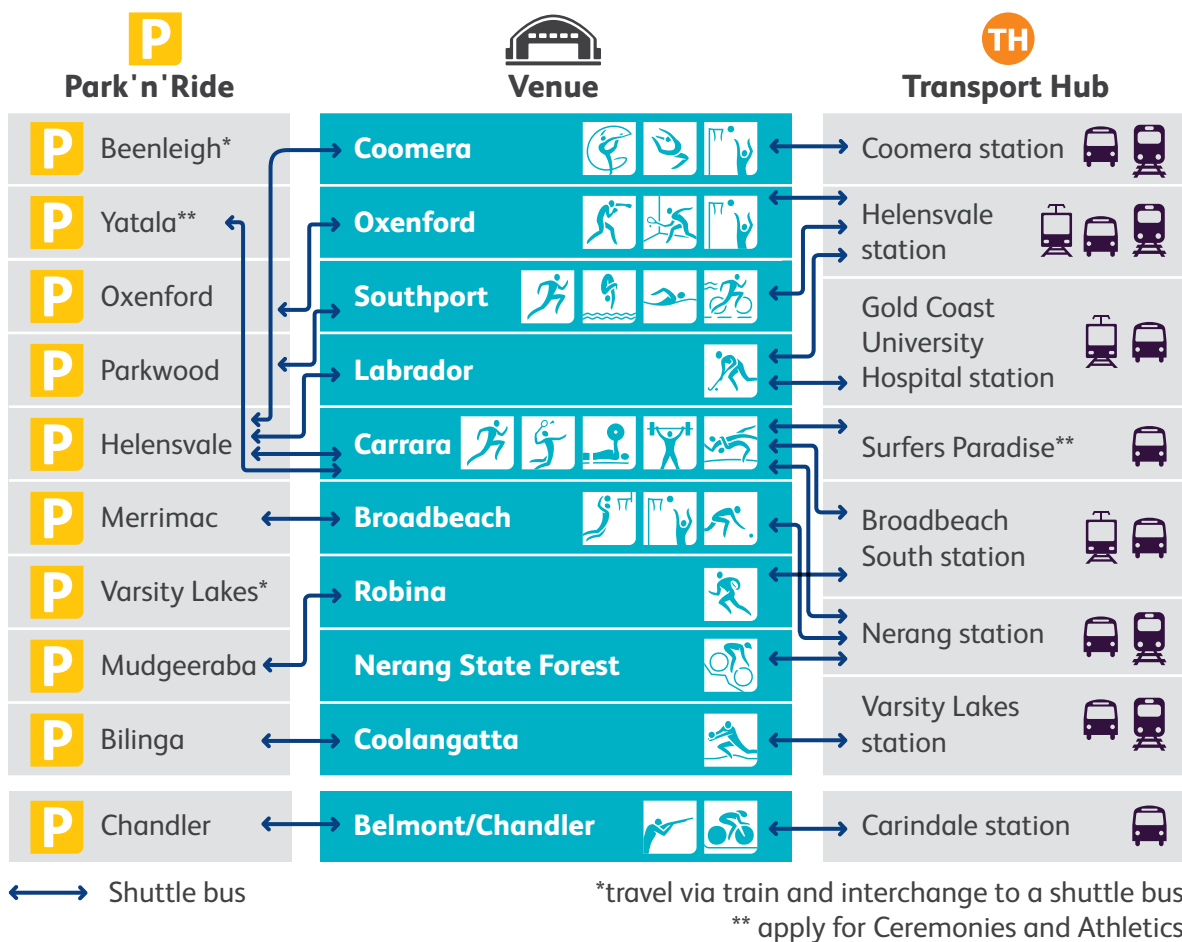


Figure 11: GC2018 Shuttle Bus Strategy

Temporary bus load zones will be established within precinct areas to facilitate the safe and efficient loading/unloading of spectators using Games shuttle services.

5. Spectator and Workforce Transport

5.4.5 Park 'n' Ride

A range of park 'n' ride opportunities will be available to support access to GC2018 venues. Large temporary GC2018 park 'n' ride sites will be established on the Gold Coast to provide spectators and GC2018 workforce a means to access GC2018 transport services.

These park 'n' ride sites will generally have Games shuttle buses running directly to selected venues. Information will be provided to spectators and GC2018 workforce on the appropriate park 'n' ride for each venue.

Park 'n' ride sites will include facilities for spectator comfort and safety and will also accommodate motorcycle parking. The sites will accommodate accessible customers through dedicated accessible parking, accessible pathways and accessible loading zones. Passenger load zones will be established at both the park 'n' ride site and venue to facilitate safe and efficient bus loading.

These park 'n' ride sites will be free to use, and will need to be pre-booked. Access will be restricted to holders of tickets. Indicative locations for park 'n' ride sites are shown on Figure 10.

5.5 Changes to Transport Hubs, Bus Stops and Route Alignments

There will be changes to some current public transport schedules, routes and facilities. Changes will be necessary to accommodate GC2018 operations, additional public transport services and to cater for a significant increase in passenger volumes.

Temporary bus route diversions and bus stop relocations will be required due to:

- Road closures required to secure competition venues.
- Road closures required to facilitate GC2018 Celebration Zones and arts and cultural activities.
- Implementation of a GRN to facilitate GC2018 Games Family travel.
- Local bus routes and Games shuttle buses will use temporary Games Lanes established on the GRN to assist with reliable movement of buses in congested traffic conditions.
- Transport hubs (for example, heavy and light rail station load zones) being reconfigured to allow for increased volumes of passengers and buses.
- GC2018 Road Events (for example marathon and cycling road race) and Queen's Baton Relay will require additional short-term road closures.

Comprehensive transport information will be available in early 2018 for spectators, workforce and the general community to advise of travel options and changes to the public transport system in advance of, and during, GC2018 through a range of communication channels.

5. Spectator and Workforce Transport

5.6 On-demand Transport

On-demand transport such as taxis, limousines and rideshare will play an important role during GC2018. Changes to the day-to-day operations of these services will be necessary for GC2018 and service providers are involved in the planning process to provide an integrated passenger transport network. Pick-up and drop-off areas will be designated in venue precincts to support these modes of transport.

The capacity of taxi and rideshare services to meet forecast demand will be monitored. If required, strategies to supplement on-demand transport will be developed in consultation with industry.

5.7 Taxi Ranks

Access to a number of existing taxi ranks across the Gold Coast may be impacted by GC2018 venue management. These ranks will be identified and engagement is occurring with the taxi industry service providers to ensure they can provide the best service possible for GC2018.

5.8 Active Transport

Increasing the number of walking and cycling trips will be essential to effectively move people around and throughout the city during GC2018. Previous experience of hosting major events on the Gold Coast has indicated that there is an increasing willingness for members of the community and visitors to use active transport modes to get 'to, from and around' events in the city.

Similarly, previous Commonwealth Games have seen a significant increase in the distances that people are willing to walk or cycle to competition venues or non-competition events, such as arts and cultural activities.

To encourage the increased use of walking and cycling before, during and after GC2018 and the associated behaviour change, the City is investing in the upgrade and enhancement of pedestrian paths, shared pathways and on-road cycling facilities in key locations across the city, particularly within close proximity to GC2018 venues, transport hubs and arts and cultural activities. These infrastructure upgrades will be supported by additional end-of-trip facilities, including cycle parking, which are proposed to be located in suitable locations on multiple approaches to venue precincts.

Due to the increased demand expected on the public transport network during GC2018 events, the carriage of bicycles on some train services may be restricted during peaks to ensure a safe and comfortable journey for patrons.

In order to support the safe operation of some venues, there will be minor disruptions to the existing active transport network. Diversion routes have been identified to provide safe and continuous connections for pedestrians and cyclists in these areas. Additional diversion routes have also been determined to maintain connectivity for existing active transport users during GC2018 road events. These diversion routes will be publicised in the lead up to, and during GC2018 and will be supplemented with appropriate wayfinding signage on the ground.

As always, the safety of vulnerable road users such as pedestrians and cyclists has been considered in the development of these diversion routes.

These improvements will provide a legacy that will support increased use of active transport and create a healthier and more active community beyond GC2018.

5. Spectator and Workforce Transport

5.9 Ferries and Water-based Transport

Ferries and water-based transport have been considered as transport options for GC2018. However, these options are unable to meet the high demand to transport spectators and workforce.

Existing public transport services are better placed to deliver the level of service required to meet the demand for GC2018. Many high frequency public transport services operate across the Gold Coast and some services will be enhanced (including improved frequency and/or hours of operation) to cater for increased travel demand during GC2018.

There are other barriers to the use of ferries during the Games including speed limits on canals and rivers, bridges across waterways that are too low to allow ferries through, the circular nature of the canal system and the fact that most of the venues are not located on waterways.

5.10 Event Cities

In Cairns and Townsville walking, cycling and private transport will be the dominant modes of access to venues. Car parking opportunities are available within reasonable walking distance to venues if required. TransLink and *qconnect* bus services will also provide access to venues for spectators and workforce.

In Brisbane, bus services will be the primary mode of access to the venues. Games shuttle buses will operate from Carindale station to Chandler and Belmont venues, and from a park'n'ride in Chandler to the Belmont venue.

In Cairns and Townsville ticketed spectators and accredited workforce will be able to travel free on TransLink Cairns bus services and Townsville *qconnect* bus services. In Brisbane ticketed spectators and accredited workforce will be able to travel free on the South East Queensland TransLink public transport network, excluding Airtrain. Free travel will be provided upon presentation of a valid GC2018 ticket on the day of the event or GOLDOC accreditation.

6.0

Residents, Visitors and Business Transport

6. Residents, Visitors and Business Transport

6.1 Overview

No host city can absorb the increase in traffic brought on by Commonwealth Games operations and also deliver the levels of service required for Games client groups without making adjustments to existing traffic patterns. Residents, businesses and visitors have a vital role to play in the success of GC2018.

During GC2018, trips are likely to take longer, especially by car, on busy routes during peak times. Each day of GC2018 will bring different transport conditions and hotspots throughout the Gold Coast and surrounding areas.

Residents, visitors and businesses will all need to plan ahead and be prepared to change their usual transport habits, especially those trips made by car.

Detailed information about transport network hotspots, changed traffic conditions, travel tips and enhanced public transport services will help people change the way they travel in the city during GC2018.

Through a comprehensive marketing and communication campaign, the whole Gold Coast community will be encouraged to make the following travel changes:

- **Re-time:** travel outside peak times to reduce pressure on the transport system.
- **Re-mode:** cycle and walk, or take public transport to get to destinations faster.
- **Re-route:** take alternative routes to avoid congestion hotspots.
- **Reduce:** plan ahead to reduce non-essential transport trips around the city.

To support travel behaviour change, existing public transport services to and within the Gold Coast will be enhanced including heavy rail, light rail and local buses. In addition to enhanced services, new and upgraded infrastructure will support transport mode shifts from private car to public and active transport.

Existing park 'n' rides will not be promoted for spectator and workforce travel, but will be kept for existing commuter uses and public transport services will be enhanced in areas where extra demand will be present.

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 as part of the City-led community awareness program.

6.1.1 Business Continuity

With increased demands on the Gold Coast transport system during GC2018 come particular challenges for local businesses around freight and deliveries, workforce planning and operations. Minimising impacts on business and supporting continuity is a key focus of the background transport task. Options including alternative freight routes, delivery times and workforce journey plans are currently being identified. Engagement with businesses is underway and will continue throughout 2017, up until GC2018.

6. Residents, Visitors and Business Transport

6.1.2 Freight

Due to the large and diverse nature of freight operations, the freight industry has unique requirements that will be considered and accommodated where possible during GC2018.

During GC2018, restrictions will be in place to reduce vehicle access into key Gold Coast precincts and may require freight operators to temporarily change their delivery times and potentially their drop-off locations. In particular, freight movements will be restricted around competition venues and entertainment areas.

Processes will be established to facilitate freight and waste operations in these areas, and measures will be implemented to separate large vehicles from crowds of spectators and places of public gatherings. This includes tight restrictions on where and when hazardous goods can be transported within the city.

The operation of frequently stopping vehicles such as garbage trucks in kerbside lanes has the potential to disrupt smooth operation of traffic during GC2018. As a result, some areas will experience changes to city services like garbage collection.

More broadly, over-dimension and excess mass loads will not be permitted on the Gold Coast during GC2018.

6.1.3 Tailored Travel Advice for Freight

Freight operators, businesses and residents will find making change easier through tailored travel advice to support freight, servicing and delivery operations during GC2018.

Some of the strategies may include:

- **Re-time:**
 - Moving delivery and servicing times outside of competition times.
 - Off peak or overnight deliveries.
 - Where appropriate regional freight operators may be encouraged to re-time their journeys to outside of peak travelling hours.
- **Re-mode:**
 - Reducing the size of delivery vehicles entering venue precincts.
 - Using alternate delivery modes such as cycling and walking for small, short distance deliveries.
- **Re-route:**
 - Alternative freight routes and, where possible, avoiding use of the Core GRN and the Gold Coast Highway.
 - Avoiding travel through key Gold Coast precincts such as Broadbeach, Surfers Paradise and Southport especially during competition times.
- **Reduce:**
 - Where possible, limiting freight requirements during GC2018 by stockpiling non-perishable goods and postponing non-essential deliveries.
 - Where possible, limiting servicing requirements by having scheduled maintenance carried out before or after GC2018.

The freight industry and affected businesses and residents will be engaged by the GC2018 transport partners to ensure issues are identified and addressed, and to minimise disruption to freight operations. Detailed information will be provided to freight stakeholders well in advance of GC2018.

Engagement with freight operators regarding travel advice will commence mid-2017.

6. Residents, Visitors and Business Transport

6.1.4 Tailored Travel Advice for Business

Businesses will find making changes easier through accessing the tailored travel advice that will be offered in advance of and during GC2018. A comprehensive Gold Coast business engagement program will commence mid-2017 and will provide tailored and specific advice to impacted workplaces to encourage employees to use alternative travel methods to the car such as walking, cycling, using public transport and carpooling. Advice will also be provided to introduce more flexible ways of working such as changing working hours to avoid peak travel times and using technology to reduce travel. This will help employees increase their travel choices.

Travel information will be provided through a range of tools such as:

- travel guides for workplaces and precincts
- broader awareness campaign
- workshops and forums
- online travel advice and the GC2018 journey planner
- travel advice hub distributing real time information via social media and other communication channels
- hotspot and road closure mapping

To keep businesses moving, it will be important for them to know what to expect and how to plan ahead for GC2018.

Engagement with businesses in key workplaces regarding operations is currently underway and will continue throughout 2017.

7.0

Road Network

7. Road Network

7.1 Overview

The successful management of the Gold Coast road network is critical to the success of GC2018. During GC2018, the road network will need to function efficiently to balance travel movement priorities of athletes, officials and spectators while allowing business-as-usual travel movements to occur across the city with minimal disruption.

Road network planning is informed by transport modelling for Games Family, spectator and general traffic and road network performance.

There will be day-to-day changes to the road network during GC2018 to support scheduled events and the travel movements of Games Family, accredited workforce and spectators. To avoid unnecessary delays, it will be important for the community to be aware of any changes to the network and have the ability to plan ahead.

7.1.1 Games Route Network

The most efficient means of providing safe, secure and reliable transport for the Games Family is to implement a GRN.

The GRN is a series of designated routes linking the CGV to all competition and non-competition venues and ports of entry. These routes will be managed to facilitate reliable transport operations for the Games Family so that athletes, officials and broadcast media can arrive at competition events on time.

The GRN will integrate with the broader road and public transport (bus, heavy rail and light rail) networks, active transport network (pedestrian and cycling) and freight network to maintain business as usual operations and ensure the resilience of the broader network.

Games Family travel on the GRN will see periods of intense use, followed by quieter periods, depending on the event schedules during GC2018. On some sections of the GRN the expected traffic volumes will be such that temporary traffic measures will be applied to provide priority to the Games Family vehicles. This will support travel time reliability so athletes can get to events on time and competition can proceed without delay. Priority measures will be a combination of dedicated lanes, signal priority, traffic management measures and/or signage improvements. Measures will be used to achieve the optimum journey times in a cost effective manner while minimising disruption to road users.

7.1.2 Proposed Routes

The proposed GRN includes five categories of route; these are:

1. Core Routes
2. Competition Venue Routes
3. Training Venue Routes
4. Alternate Routes
5. Port of Entry Routes

The nature and function of these categories is described in Table 6 Games Route Network Summary.

The GRN is included in Figure 12 GC2018 Games Route Network.

7. Road Network

| GRN Category | Route Characteristics |
|-------------------|---|
| Core | <ul style="list-style-type: none"> • Busiest section of GRN • Operational for duration of GC2018 and possibly before and after GC2018 in some areas • Key venues are located on this route • Comprises four key links: <ul style="list-style-type: none"> – Smith Street – Gold Coast Highway (Southport – Broadbeach) – Nerang–Broadbeach Road (Broadbeach – Carrara) – Ross Street/Currumburra Road/Olsen Avenue (Carrara – Parkwood) • Most competition and training venue routes use part of the core network • The traffic management measures described in the TOP will predominantly apply to the Core GRN. |
| Competition Venue | <ul style="list-style-type: none"> • Links the CGV to each competition venue (via Core GRN) • Only required on competition days • High priority route • Some traffic measures will apply |
| Training Venue | <ul style="list-style-type: none"> • Links the CGV to training venues (via Core GRN) • Only required when training venue operational • Minimal traffic management measures will be required |
| Port of Entry | <ul style="list-style-type: none"> • Links the CGV to Gold Coast, Brisbane, Townsville and Cairns Airports |
| Alternate | <ul style="list-style-type: none"> • Contingency routes for use during significant disruption on primary route • Used and managed as required – exceptional use only |

Table 6: Games Route Network Summary

Gold Coast

Games Route Network

Legend

- Core GRN
- Venue GRN
- Training GRN
- - - Alternate GRN
- Pacific Motorway (M1)
- ▬▬▬▬ Heavy rail line
- ▬▬▬▬ Light rail line
- Airport
- CGV Commonwealth Games Village
- Competition venue location

Competition Venues

- BLB Broadbeach Lawn Bowls
- CAP Carrara Precinct
- COL Coolangatta Beachfront
- CSC Coomera Indoor Sports Centre
- CUR Currumbin Beachfront
- GAC Gold Coast Aquatic Centre
- GCE Gold Coast Convention and Exhibition Centre
- GHC Gold Coast Hockey Centre
- NER Nerang Mountain Bike Trails
- OXN Oxenford Studios
- ROB Robina Stadium
- SBP Southport Broadwater Parklands

Date: 28.04.2017

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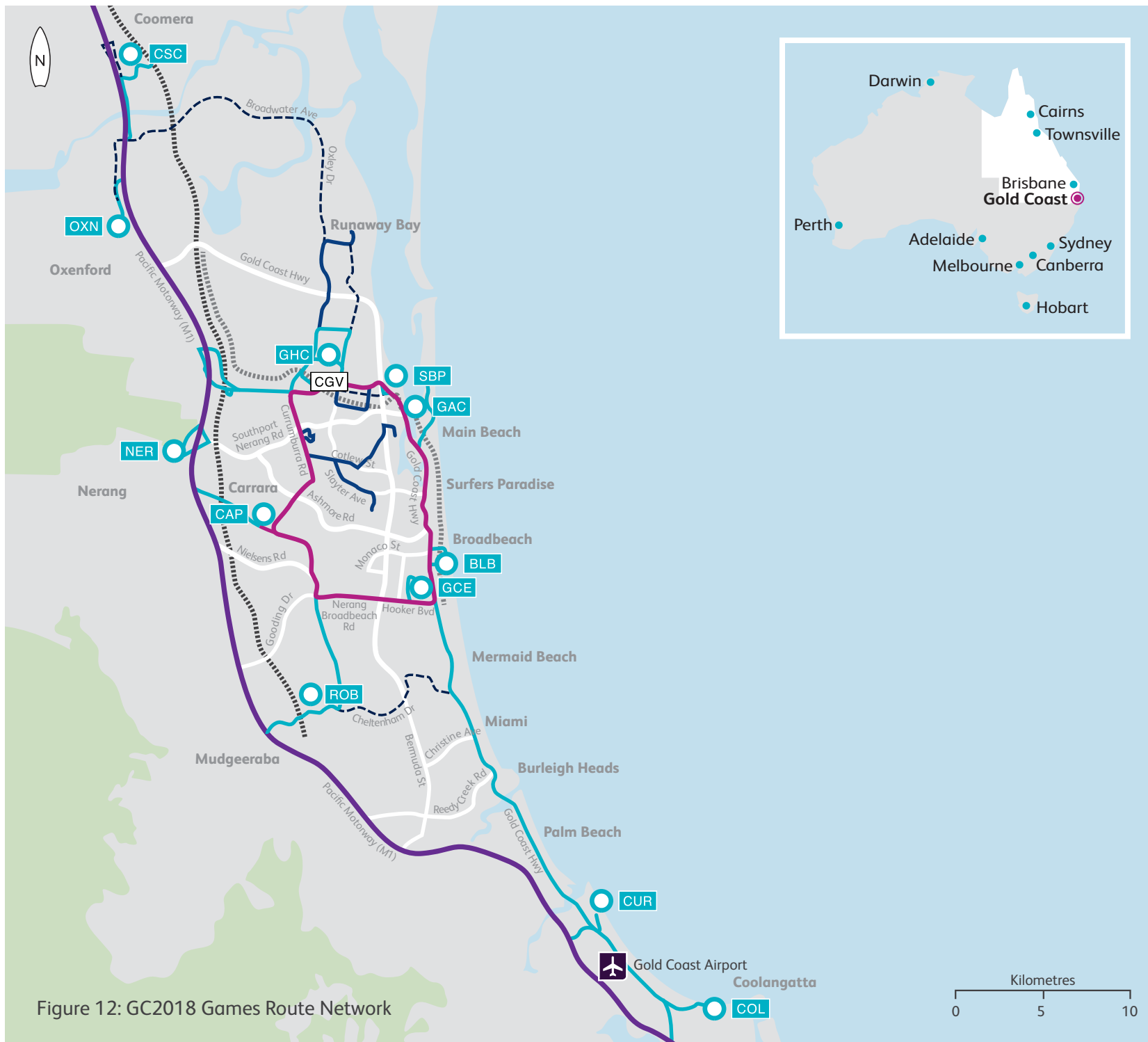


Figure 12: GC2018 Games Route Network

7. Road Network

7.1.3 Infrastructure Upgrades

A suite of permanent road network upgrades is being delivered to improve the capacity and reliability of the Gold Coast road network. These include reconfiguration and signalisation of intersections and road improvement projects. These improvements will benefit road network performance prior to, during and after GC2018.

A summary of infrastructure upgrades is included in the Legacy chapter.

7.1.4 Traffic Management Measures

A range of temporary traffic management measures will be implemented on the GRN to help provide reliable journey times for Games Family vehicles. Measures will also be implemented on the rest of the road network to support the smooth operation of the GRN and the wider traffic network.

These measures will be in place before the competition events commence in order to support athletes and officials' transport movement around the network and to effectively link in with the set-up of the venues. Measures will include:

- Games Lanes
- changes to traffic signal timings
- restricted turns and/or road closures
- intersection modifications
- suspension or relocation of bus stops
- parking restrictions and changes to local access around venues
- diversion routes
- traffic signs and line markings

Planning and implementation of these measures will consider potential impact on local business, residents and other road users.

A program to implement temporary traffic management measures to support GC2018 operations is being developed. These measures will be progressively installed prior to GC2018 commencing.

7.1.5 Changes to Traffic Signal Timings and Coordination Plans

Customised traffic signal timing and coordination plans will be developed and applied to manage traffic flow and support travel time reliability for Games Family vehicles. These measures will be carefully developed taking into account, and mitigating as far as possible, the impacts on other road users. These changes will be implemented through the Traffic Management Centre (TMC).

7.1.6 Restricted Turns and Road Closures

Temporary restricted turns will be implemented to improve traffic flow along the GRN where required. Consideration will be given to local business and resident access requirements when applying restrictions. It may also be appropriate to temporarily remove existing restrictions, where there is a benefit to either GRN users, background traffic or emergency vehicle access. Impacts to public transport services due to road closures including any temporary route changes and closures of bus stops will be coordinated and communicated in advance of and during GC2018 through a range of communication channels.

7. Road Network

7.1.7 Diversion Routes

There will be a requirement to reduce non-Games related traffic on the GRN and to divert traffic away from competition venues. Advance notice and clear diversion route signage will be implemented.

7.1.8 Traffic Signs and Line Markings

Signage and line marking will be installed to support the easy identification, operation and enforcement of Games Lanes.

7.1.9 Games Lanes

Games Lanes have been successfully used in previous Games to facilitate reliable travel times for Games Family travelling to venues and will be a key measure in ensuring the travel time commitments, which form part of the Host City Contract with the CGF, are able to be met.

Temporary Games Lanes will be installed on parts of the Core GRN to facilitate reliable movement of Games Family, Games shuttles and local buses.

Games Lanes for GC2018 will be available for the use of accredited Games Family vehicles and public transport to ensure safe and reliable journeys. Emergency vehicles will have access to Games Lanes in the event of an emergency, when vehicles are under lights and siren. Games Lanes will not be implemented on the M1.

In addition to Games Lanes on the Core GRN, there will also be some limited use of Games Lanes on the final approach to competition venues. These lanes will be required to facilitate efficient access to venues by Games Family vehicles, including buses transporting athletes. Access to these Games Lanes will be tightly controlled so that only those vehicles that are approved for entry to a particular venue are permitted to use them.

7.1.10 Traffic Management Plan

The transport partners will prepare a Traffic and Transport Management Plan (TMP) in line with the requirements of the *Major Events Act 2014*. The TMP will document all of the traffic management measures required to support the success of GC2018.

7.1.11 Solutions for the Brisbane–Gold Coast Corridor

Congestion along the Brisbane–Gold Coast corridor (both road and rail) is a key challenge for the GC2018 transport partners. The safe and reliable movement of athletes, officials and spectators between Brisbane and the Gold Coast is critical to ensuring a successful event.

The partners are committed to keeping traffic moving on the Pacific Motorway (M1) during GC2018. The M1 will be one of the key routes for athletes and officials travelling to and from the CGV to competition venues in Brisbane and on the Gold Coast.

7. Road Network

In April 2017, the partners announced a suite of initiatives designed to reduce congestion, maximise capacity and improve the reliability of the M1 for the duration of GC2018.

The initiatives are:

- Restricting trucks over 4.5 tonnes to the two left lanes between Springwood and Robina, from August 2017. This initiative will continue after GC2018. Other vehicles will be able to use lanes on the M1 the way they usually do.
- Allowing vehicles carrying athletes and officials under police escort to travel along the hard shoulder of a section of the M1 from Smith Street to Hope Island, where safe and practicable if there is congestion that may prevent them from arriving at an event on time.
- Reducing the speed in the 100km/h zone by 10km/h to 90km/h from the M1/M3 merge at Eight Mile Plains to Logan Motorway Interchange, proposed to start before GC2018 on 1 March 2018.
- Reducing the speed in the 110km/h speed zone by 10km/h to 100km/h from the Logan Motorway Interchange to Smith Street (Exit 66), proposed to start before GC2018 on 1 March 2018.
- Temporary ramp management at the south bound Gold Coast Highway and Smith Street on-ramps. These will keep traffic moving at a constant pace as vehicles join the motorway. Signals are proposed to start before GC2018, on 1 March 2018.
- Additional Traffic Response Units and towing vehicles to ensure incidents are cleared as quickly as possible.

Queensland Rail is duplicating the final section of single track on the Gold Coast line between Coomera and Helensvale stations. The duplication project involves constructing 8.2 kilometres of track.

The 7.3 kilometre Gold Coast Light Rail Stage 2 extension will improve public transport travel between Brisbane and the Gold Coast and play a critical role in transporting spectators and workforce to GC2018 competition venues.

During GC2018, the number of heavy rail services operating between Brisbane and the Gold Coast in peak periods will increase. There will also be enhancements to current light rail and local bus services.

These services will be supplemented with dedicated GC2018 shuttle bus services and temporary park 'n' rides to encourage spectators to use public transport to attend GC2018 events.

Thirteen temporary park 'n' ride sites will be set up for GC2018, with more than 10,000 car spaces available. Event shuttle buses will connect these park 'n' ride locations to specific venues.


7.1.12 Background Traffic

Key north-south and east-west travel routes have been identified to facilitate business-as-usual travel movements across the Gold Coast during GC2018. This includes Southport–Burleigh Road which will be used predominantly for background north-south travel movements to facilitate accessibility across the city. Southport–Burleigh Road is currently being upgraded from North Street in Southport to Rudd Street, Broadbeach Waters, to increase capacity from four to six lanes prior to GC2018.

The Strategic Route Network shown in Figure 13 has been identified and will be managed to support background traffic and freight movements during GC2018.

Gold Coast Strategic Travel Map

Legend

- Core GRN
- Primary route
- Secondary route
- Pacific Motorway (M1)
- Heavy rail line
- Light rail line
-  Airport
- CGV Commonwealth Games Village
- Competition venue location
- Venue precinct

Competition Venues

- BLB Broadbeach Lawn Bowls
- CAP Carrara Precinct
- COL Coolangatta Beachfront
- CSC Coomera Indoor Sports Centre
- CUR Currumbin Beachfront
- GAC Gold Coast Aquatic Centre
- GCE Gold Coast Convention and Exhibition Centre
- GHC Gold Coast Hockey Centre
- NER Nerang Mountain Bike Trails
- OXN Oxenford Studios
- ROB Robina Stadium
- SBP Southport Broadwater Parklands

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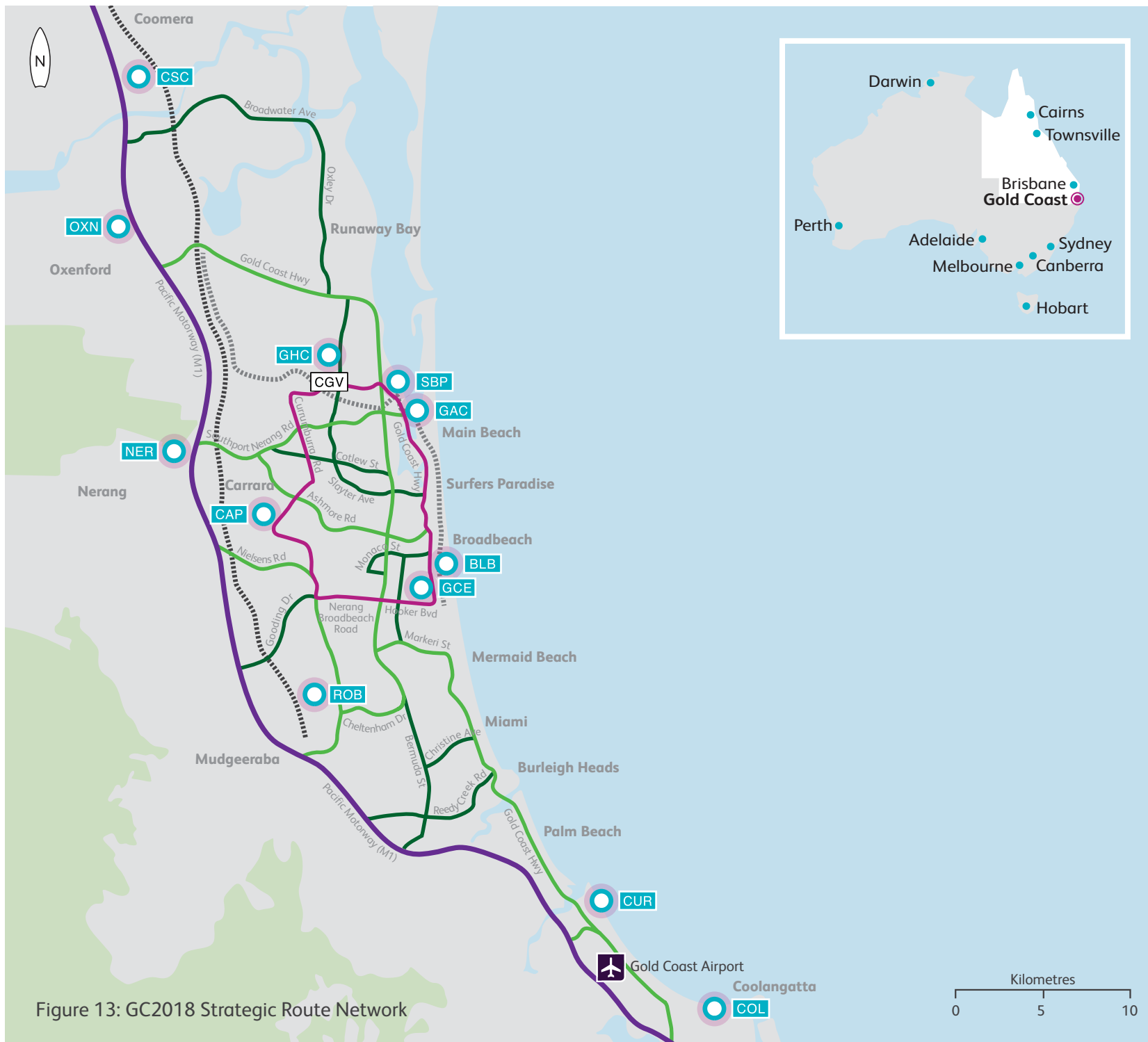


Figure 13: GC2018 Strategic Route Network

7. Road Network

7.1.13 Incident Management

During GC2018 there will be an enhanced incident response service in place, with Traffic Response Units (TRUs) placed at strategic locations around the network to quickly respond to crashes or incidents on the GRN and/or the arterial road network.

7.1.14 Road Events

Road Events will have an additional impact on the GRN as well as background traffic, with access to properties and some businesses restricted. Additional measures, including road closures and traffic diversions will be required to accommodate the competition and spectators. Every effort will be made to minimise disruption to the transport network as a result of road events. Engagement will be undertaken with affected business and residents as appropriate.

7.1.15 Information on Traffic and Network Changes

Information on proposed traffic and road network changes will be provided to key stakeholders and the community well before GC2018. Information on road conditions and diversions will be also provided before and during GC2018 in advance of the changes being implemented.

Information to businesses and residents will be integrated and disseminated through broader GC2018 communications including the City-led Get Set for the Games program, the TDM program and engagement with peak user groups.

8.0

Transport Coordination

8. Transport Coordination

8.1 Transport Coordination Centre

A multi-agency, multi-modal Transport Coordination Centre (TCC) will be established to facilitate effective and efficient coordination of all GC2018 related transport operations. This will assist the provision of safe, reliable and timely transport services for GC2018 and keep the city moving.

The TCC will be the central point for monitoring, coordinating and managing all transport operations affecting GC2018 within the Gold Coast and Event Cities. It will be supported by four operational hubs, including Road Network Operations, TDM, Games Time Public Transport and Emergency Services for Transport.

The TCC will include representatives from TMR, GOLDOC, the City and QPS who will have direct links into their own operations centres. The TCC will also coordinate with passenger transport operators such as bus companies, light rail, heavy rail and other modes.

The existing TMC for the Gold Coast forms one of the operational functions that supports road network operations and the TCC in the lead up to, and during, GC2018. It is responsible for the day-to-day operation of the Gold Coast road network. TMCs in each Event City will be responsible for managing their respective road networks. The TCC will be kept informed of any network issues that may impact GC2018 operations.

In the event of incidents, the TCC, working with relevant network operators, will coordinate response strategies to minimise effects of congestion and provide current travel advice around journey times and alternative routes via the TDM team. During GC2018, the capability to detect and manage incidents will be increased with more resources available to respond, providing quicker clearance times on critical GC2018 routes.

Travel information will be disseminated to road users by the TDM Hub as a 'single source of truth' on transport messaging, providing timely, clear and consistent travel advice. The purpose of the TDM Hub is to influence travel behaviours in real-time to support the successful delivery of GC2018.

Through various online channels, TDM will offer travel advice to people attending a GC2018 event and the travelling public. Using state-of-the-art technology and systems including closed circuit television (CCTV) to monitor the transport network and variable message signs to provide real-time, on-road messages to motorists, the TCC can assist motorists to make informed decisions about their trip.

8. Transport Coordination

8.2 Transport Command, Coordination and Communication

During major events such as GC2018 a bespoke Command, Coordination and Communication (C3) arrangement is established to facilitate the integration of all functions.

The transport C3 arrangements for GC2018 are being developed to provide a structure that facilitates:

- Timely, consistent and effective decision making.
- Coordination of multi-agency, multi-modal transport operations that drive activities to achieve GC2018 objectives.
- Effective communications to enable influence and understanding.

Planned coordination between the TCC and other operations centres, the Joint Emergency Services Coordination Centre, GOLDOC's Games Operations Centre, and the City Operations Centre includes:

- Providing situational awareness of conditions on the transport network that may influence or impact other functions.
- Dissemination of information relevant to other operational centres.
- Coordination of responses to risks and issues that impact transport and other functional areas.
- Reporting in accordance with the broader GC2018 requirements will support communication between the coordination centres.

9.0

Venue Transport

9. Venue Transport

9.1 Overview

The delivery of transport operations around and within each competition venue is being planned and delivered by the transport partners. GOLDOC has lead responsibility for delivery of all transport operations inside the secure perimeter of venues, while TMR and the relevant local government (the City, Brisbane City Council, Townsville City Council and Cairns Regional Council) jointly lead delivery of all transport operations outside the secure perimeter of venues, known as public domain venue transport.

Decisions made in relation to the layout and operation of venues have significant implications to the operation of the transport system during GC2018, with regard to the size of fleet and workforce required to meet transport service requirements including:

- The number of vehicles that will require security screening which is directly associated with the decision regarding which client groups are delivered within the secure perimeter.
 - Impacts on the time taken to complete each trip, the amount of queuing space required in approaching the vehicle security checkpoint and the workforce and space to complete vehicle screening.
 - Location of load zones with regard to conflicts with the public domain transport task.
 - Access to onsite staging and driver layover areas.
 - Consistency in application of way-finding among venues.
- Venue operations plans are being developed to achieve a level of consistency and to maximise the ability to develop standard policies, procedures and plans. This will benefit workforce training and redeployment between venues. Venue operation plans will detail the integration between back of house access, front of house access, security screening and internal movement strategies for each client group.

Key elements of the venue transport operations plans include:

- A local area traffic management and parking plan. This plan details the proposed temporary traffic changes and parking management on the local street network around venues to ensure key routes for Games Family, especially athletes, are kept free flowing. This is to safeguard transport operations to give priority to GC2018 related vehicles. These plans will consider the needs of local businesses and residents.
- Spectator and workforce transport operations plans including load zones and platforms for heavy rail, light rail, local bus routes and Games shuttle buses.
- Spectator access routes from transport hubs to venues, supported by associated temporary signage, way-finding and traffic control.
- Walking and cycle routes including cycle parking facilities.
- Loading zones for taxis, limousines, coaches, rideshare and commercial vehicles.
- Games Family transport routes, load zones and parking around and within each venue to support GC2018 operations.

9. Venue Transport

Engagement with local businesses, residents and impacted authorities will, where appropriate, be undertaken in the design and delivery of traffic management and parking areas around each venue as part of the Get Set for the Games program.

This section outlines the proposed transport operations for GC2018 related activities located at and around each competition venue. Figure 14 illustrates the program for venue operational planning. As at June 2017, most of the GC2018 venues have been through the first round of venue operational planning.

The individual venue plans within the TOP are based on current information, however, proposed operations may change during the Venue Planning Review in response to amended venue design, competition schedules and local access arrangements.

GC2018 transport partners are working with key stakeholders to determine appropriate locations for cycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

9.2 Event Dates

Please note that event dates on the following pages are subject to change.

9. Venue Transport

| | Operational Planning | | | | Mobilise | | | | Readiness | | |
|--|----------------------|---------|----------|-----------|---------------|---------|----------|---|-----------|---------|---------|
| | Q4 2015 | Q1 2016 | Q2 2016 | Q3 2016 | Q4 2016 | Q1 2017 | Q2 2017 | Q3 2017 | Q4 2017 | Q1 2018 | Q2 2018 |
| Aquatics: Swimming & Diving | | GAC | | | | | | | | | |
| Boxing, Squash & Table Tennis | | OXN | | | | | | | | | |
| Commonwealth Games Village | | CGV | | | | | | | | | |
| Main Media Centre, Basketball (F) & Netball (P) | | | GCE | | | | | | | | |
| Athletics, Ceremonies, Badminton, Wrestling, Weightlifting & Para Powerlifting | | | STA /CSL | | | | | Venue Planning Review | | | |
| Gymnastics & Netball (F) | | | | CSC | | | | (Phase 2) Align with Test Event program | | | |
| Road Events: Marathon / Triathlon | | | | SBP | | | | | | | |
| Uniform & Accreditation Centre | | | | UAC | | | | | | | |
| Lawn Bowls | | | | BLB | | | | | | | |
| Cycling (Track) & Shooting | | | | BEL / QSV | | | | | | | |
| Beach Volleyball | | | | | COL | | | | | | |
| Basketball (P) | | | | | CCV/ TEN /AVC | | | | | | |
| Cycling (Mountain Bike) | | | | | NER | | | | | | |
| Rugby Sevens | | | | | | ROB | | | | | |
| Road Events: Cycling (Road) / Race Walks | | | | | | CUR | | | | | |
| Hockey | | | | | | | GHC | | | | |
| Brisbane & Gold Coast Airports | | | | | | | BNE /OOL | | | | |
| Games Family Hotel | | | | | | | | GFH | | | |

Figure 14: Program for Venue Operational Planning

AVC – Athletes Village Cairns
 AVT – Athletes Village Townsville
 BLB – Broadbeach Bowls Club
 BEL – Belmont Shooting Centre
 BNE – Brisbane Airport
 CSL – Carrara Sports and Leisure Centre
 CCV – Cairns Convention Centre
 COL – Coolangatta Beachfront
 CSC – Coomera Indoor Sports Centre

CGV – Commonwealth Games Village
 CUR – Currumbin Beachfront
 GAC – Gold Coast Aquatic Centre
 GCE – Gold Coast Convention and Exhibition Centre
 GHC – Gold Coast Hockey Centre
 GFH – Games Family Hotel
 NER – Nerang Mountain Bike Trails
 OOL – Gold Coast Airport

OXN – Oxenford Studios
 QSV – Anna Meares Velodrome
 ROB – Robina Stadium
 SBP – Southport Broadwater Parklands
 STA – Carrara Stadium
 TEN – Townsville Entertainment and Convention Centre
 UAC – Uniform and Accreditation Centre

9. Venue Transport

9.3 Anna Meares Velodrome

Information

The Anna Meares Velodrome is Queensland's only indoor velodrome.

It is built within the Sleeman Sports Complex which is also home to the Brisbane Aquatic Centre, BMX Supercross Track, and training facilities for Weightlifting and Gymnastics.

Competition/Event

Cycling – Track

Event Dates

Training: 25 March to 4 April 2018

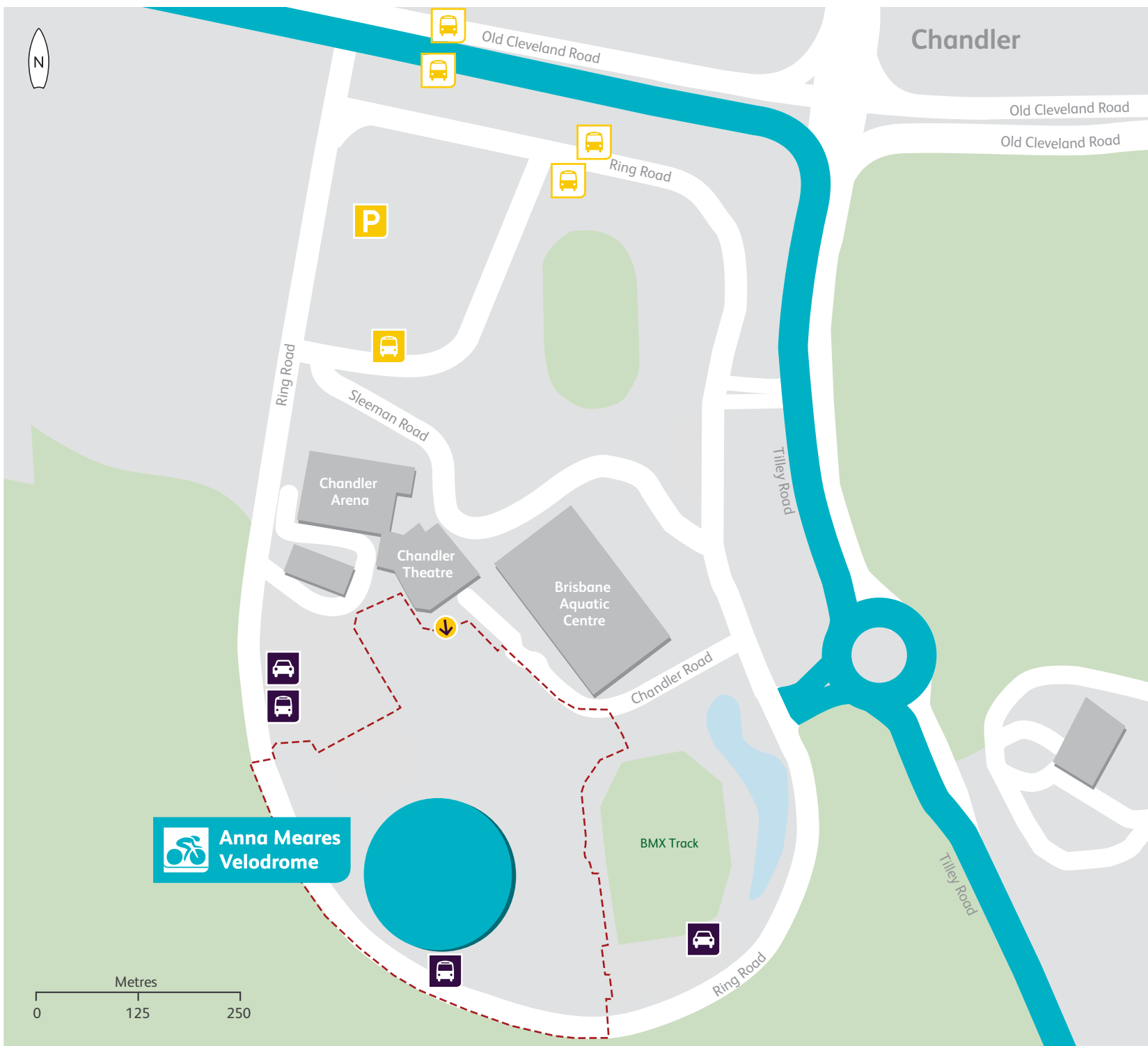
Competition: 5 to 8 April 2018

Spectator Access

- Bus services to Old Cleveland Road or Ring Road
- Shuttle from Carindale station to venue
- Walk from Chandler park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *Limited, pre-booked spectator parking*

Games Family

Games Family vehicles will approach the venue from Old Cleveland Road and from the south from Tilley Road, with load zones located inside the venue perimeter.



Anna Meares Velodrome Cycling (Track)

Legend

- Venue GRN
- Venue perimeter
- Venue access point
- Cycling – Track
- Games Family bus load zone
- Games Family car load zone
- GC2018 spectator transit mall
- Park 'n' walk
- Transport hub
- Bus stop

Travel options to and from venue

- Bus services to Old Cleveland Road or Ring Road
- Shuttle from Carindale station to venue
- Park 'n' walk from Chandler park 'n' ride to venue
- Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.4 Belmont Shooting Centre

Information

The Belmont Shooting Centre boasts a comprehensive array of shooting ranges which will fully cater to the shooting events at GC2018. Facilities at the venue are currently being upgraded for GC2018.

Belmont Shooting Centre is located approximately 15 kilometres east of Brisbane's city centre. Nearby, the Sleeman Sports Complex is home to the newly built Anna Meares Velodrome which will host Cycling (Track) during GC2018.

Competition/Event

Shooting
(Clay, Target, Pistol, Small and Full Bore)

Event Dates

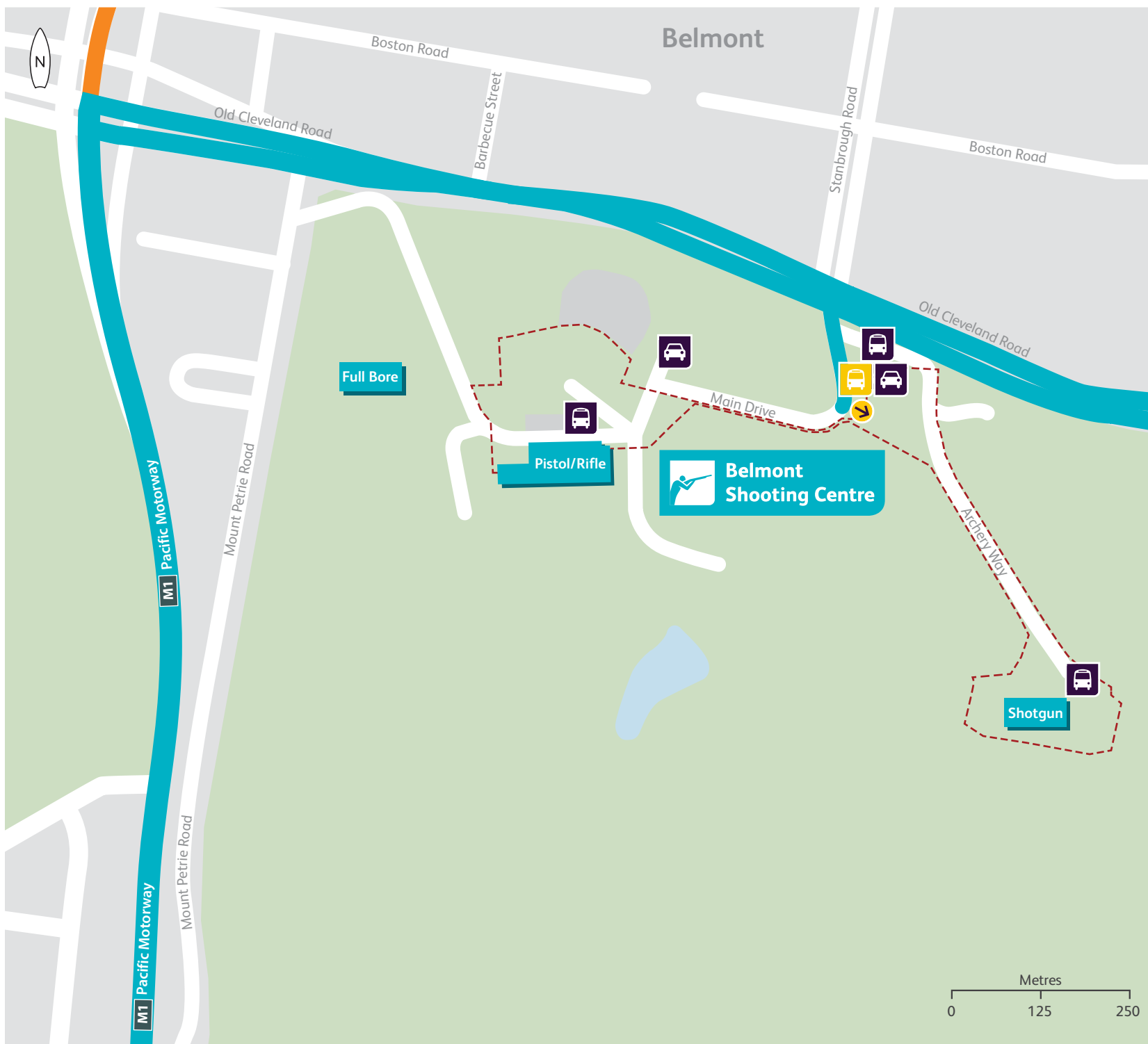
Training: 25 March to 7 April 2018
Competition: 8 to 14 April 2018

Spectator Access

- Shuttle from Carindale station to venue
- Shuttle from Chandler park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family

Games Family vehicles will approach from Old Cleveland Road with load zones located inside the venue perimeter.



Belmont Shooting Centre Shooting

Legend

- Venue GRN
- Port of entry GRN
- Venue perimeter
- Venue access point
- Shooting
- Games Family bus load zone
- Games Family car load zone
- GC2018 spectator transit mall
- Park 'n' ride
- Transport hub

Travel options to and from venue

- Shuttle from Carindale station to venue
- Shuttle from Chandler park 'n' ride to venue
- Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.5 Broadbeach Bowls Club

Information

The Broadbeach Bowls Club will host the GC2018 Lawn Bowls competition. The Broadbeach area will host other events that are in close proximity including the Netball preliminary rounds and Basketball finals at the Gold Coast Convention and Exhibition Centre, as well as the Main Media Centre which will host the world's press and broadcasters.

Competition/Event

Lawn Bowls

Event Dates

Training: 25 March to 4 April 2018

Competition: 5 to 13 April 2018

Spectator Access

- Bus services to Broadbeach South station or Broadbeach Boulevard
- Shuttle from Nerang station to venue
- Shuttle from Merrimac park 'n' ride to venue
- Light rail to Florida Gardens station
- Walk or cycle
- On-demand transport: dedicated facilities provided
- No spectator parking














Games Family

Transport for Games Family vehicles will approach from Gold Coast Highway with load zones located on Surf Parade and Chelsea Avenue.






Broadbeach Bowls Club

Lawn Bowls

Legend

-  Core GRN
-  Venue GRN
-  Light rail line
-  Venue perimeter
-  Venue access point
-  Lawn Bowls
-  Games Family bus load zone
-  Games Family car load zone
-  GC2018 spectator transit mall
-  Park 'n' ride
-  Transport hub
-  Bus stop
-  Light rail station

Travel options to and from venue

-  Bus services to Broadbeach South station or Broadbeach Boulevard
-  Shuttle from Nerang station to venue
-  Shuttle from Merrimac park 'n' ride to venue
-  Walk from Florida Gardens station
-  Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.



9. Venue Transport

9.6 Cairns Convention Centre

Information

The Cairns Convention Centre is 10 minutes from the Cairns International Airport.

The centre is renowned for its unique environmental design and has everything expected from an international standard purpose built venue with up to 4,650 square metres of exhibition space and an arena which regularly hosts a variety of events, including sport events.

The venue, along with the Townsville Entertainment and Convention Centre will host the Preliminary Basketball competition.

Competition/Event

Basketball (Preliminaries)

Event Dates

Training: 30 March to 4 April 2018

Competition: 5 to 10 April 2018

Spectator Access

- Bus services to Spence Street or Lake Street station
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family

While Games Family transport operations are to be confirmed, it is likely the majority will walk from their nearby accommodation. Some scheduled services will operate to move clients to and from the airport.

9. Venue Transport

9.7 Carrara Precinct

Information

Within the Carrara Precinct, the newly-redeveloped Carrara Stadium will play a central role in hosting the Athletics (Track and Field) competition and the Opening and Closing Ceremonies. The Stadium's seating capacity will be temporarily increased from 25,497 to about 35,000.

Competition/Event

- Opening and Closing Ceremonies
- Athletics (Track and Field)
- Badminton
- Wrestling
- Weightlifting
- Para Powerlifting

Event Dates

Training: 25 March to 5 April 2018

Ceremonies: 4 and 15 April 2018

Wrestling: 12 to 14 April 2018

Badminton: 5 to 15 April 2018

Weightlifting: 5 to 9 April 2018

Para Powerlifting: 10 April 2018

Athletics (Track and Field): 8 to 14 April 2018

Spectator Access

- Bus services to Nerang-Broadbeach Road service road
- Shuttle from Nerang station, Surfers Paradise* or Broadbeach South station to venue
- Shuttle from Helensvale park 'n' ride or Yatala* park 'n' ride to venue
- Heavy rail to Nerang station
- Walk or cycle, including via a new shared path between Nerang station and Carrara Stadium
- On-demand transport: dedicated facilities provided
- *No spectator parking*

* *These apply for Ceremonies and Athletics only.*

Games Family

Games Family vehicles will approach the venue from Nerang-Broadbeach Road with load zones located both inside and outside the venue perimeter along Nerang-Broadbeach Road.

Carrara Precinct

Ceremonies, Athletics, Badminton, Para Powerlifting, Weightlifting and Wrestling

Legend

| | | | |
|--|--------------------|--|-------------------------------|
| | Core GRN | | Games Family bus load zone |
| | Venue GRN | | Games Family car load zone |
| | Heavy rail line | | GC2018 spectator transit mall |
| | Venue perimeter | | Park 'n' ride |
| | Venue access point | | Transport hub |
| | Athletics | | Bus stop |
| | Badminton | | Heavy rail station |
| | Para Powerlifting | | |
| | Weightlifting | | |
| | Wrestling | | |

Travel options to and from venue

- Bus services to Nerang-Broadbeach Road service road
- Shuttle from Nerang station, Surfers Paradise* or Broadbeach South station to venue
- Shuttle from Yatala* park 'n' ride or Helensvale park 'n' ride to venue
- Heavy rail to Nerang station
- Walk or cycle, including via new shared path between Nerang station and Carrara Stadium

*Apply for Ceremonies and Athletics only

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.8 Coolangatta Beachfront

Information

Coolangatta Beachfront will be a spectacular location to watch some of the world's best beach volleyball players go head-to-head for Commonwealth gold.

The Beach Volleyball competition, hosted at Queen Elizabeth Park, will be a spectacular showcase for the Gold Coast, allowing iconic images of the coastline and the city's beaches to be broadcast to a global audience.

Coolangatta is the southernmost suburb of the Gold Coast and the beach can be accessed via Marine Parade between Kirra Point and Pat Fagan Park.

Competition/Event

Beach Volleyball

Event Dates

Training: 25 March to 4 April 2018

Competition: 6 to 12 April 2018

Spectator Access

- Bus services to Griffith Street
- Shuttle from Varsity Lakes station to venue
- Shuttle from Bilinga park 'n' ride to venue
- Walk and cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*











Games Family Access

Games Family vehicles will approach the venue from the north with load zones located on Marine Parade.





Coolangatta Beachfront

Beach Volleyball

Legend

-  Venue GRN
-  Venue perimeter
-  Venue access point
-  Beach Volleyball
-  Games Family bus load zone
-  Games Family car load zone
-  GC2018 spectator transit mall
-  Park 'n' ride
-  Transport hub
-  Bus stop

Travel options to and from venue

-  Bus services to Griffith Street
-  Shuttle from Varsity Lakes station to venue
-  Shuttle from Bilinga park 'n' ride to venue
-  Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.



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9. Venue Transport

9.9 Coomera Indoor Sports Centre

Information

Coomera Indoor Sports Centre is a newly built multi-purpose sports facility opened to the public in 2016. This centre, identified as a priority in the city's long-term facility planning strategy, will provide a key piece of community infrastructure in the fast growing northern suburbs of the Gold Coast.

During GC2018 this venue will be used for Artistic and Rhythmic Gymnastics as well as Netball (Finals).

Competition/Event

- Gymnastics
- Netball (Finals)

Event Dates

Training: 25 March to 4 April 2018

Gymnastics: 5 to 13 April 2018

Netball (Finals): 14 to 15 April 2018

Spectator Access

- Bus services to Lorenzo Drive
- Shuttle from Coomera station to venue
- Shuttle from Helensvale park 'n' ride to venue
- Heavy rail to Coomera station
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family

Games Family vehicles will approach the venue from Beattie Road with load zones located in the car park at the rear of the venue.



Coomera Indoor Sports Centre

Gymnastics (Artistic and Rhythmic) and Netball (Finals)

Legend

| | | | |
|--|-----------------------|--|-------------------------------|
| | Venue GRN | | Games Family bus load zone |
| | Venue perimeter | | Games Family car load zone |
| | Venue access point | | GC2018 spectator transit mall |
| | Gymnastics – Artistic | | Park 'n' ride |
| | Gymnastics – Rhythmic | | Transport hub |
| | Netball | | Bus stop |
| | Heavy rail station | | |

Travel options to and from venue

| | |
|--|--|
| | Bus services to Lorenzo Drive |
| | Shuttle from Coomera station to venue |
| | Shuttle from Helensvale park 'n' ride to venue |
| | Heavy rail to Coomera station |
| | Walk or cycle |

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.10 Currumbin Beachfront

Information

The Currumbin Beachfront spans the coast from Currumbin Creek to just past Flat Rock Creek, ending at Kropp Park.

The Currumbin Beachfront will be a beautiful backdrop for the Road Cycling and Athletics (Race Walk) events.

Nearby local attractions include the National Trust Currumbin Wildlife Sanctuary and the David Fleay Wildlife Park.

Competition/Event

- Cycling (Road Race and Time Trials)
- Race Walk

Event Dates

Race Walk: 8 April 2018

Time Trials: 10 April 2018

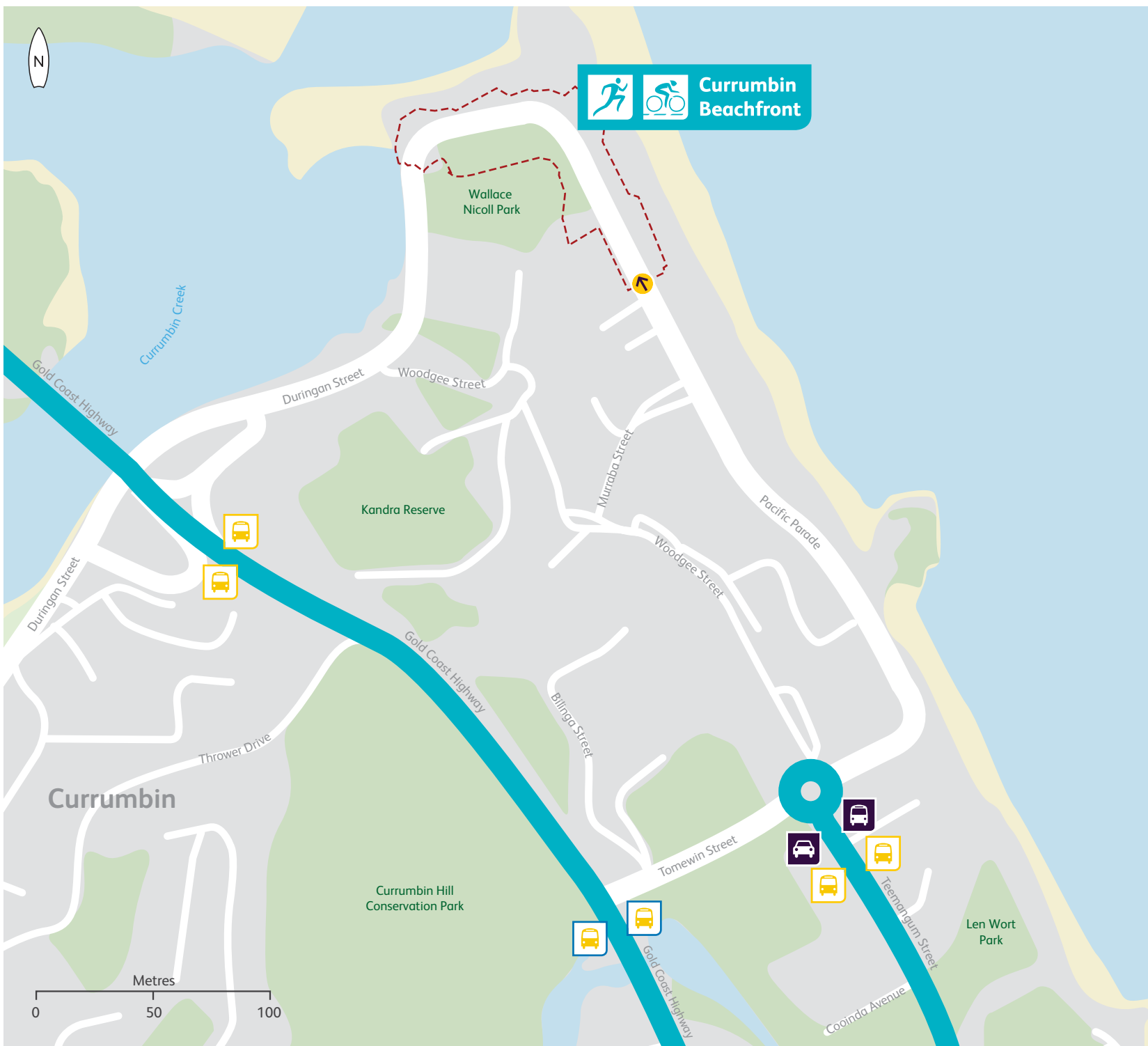
Road Race: 14 April 2018

Spectator Access

- Bus services to Gold Coast Highway or Teemangum Street (depending on the day)
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family Access










Games Family access provisions are currently being developed.





Currumbin Beachfront

Athletics (Race Walk)
and Cycling (Road Race
and Time Trial)

Legend

-  Venue GRN
-  Venue perimeter
-  Venue access point
-  Athletics
-  Cycling – Road
-  Games Family bus load zone
-  Games Family car load zone
-  Bus stop – Race Walk day
-  Temporary bus stop – Cycling days

Travel options to and from venue

-  Bus services to Gold Coast Highway or Teemangum Street*
-  Walk or cycle
*Depending on the day

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.11 Gold Coast Aquatic Centre

Information

Gold Coast Aquatic Centre is a world-class swimming facility located in Southport's Broadwater Parklands. The centre has undergone a major redevelopment to provide for both the GC2018 Swimming and Diving programs.

Competition/Event

- Swimming
- Diving

Event Dates

Training: 25 March to 4 April 2018

Swimming: 5 to 10 April 2018

Diving: 11 to 14 April 2018

Spectator Access

- Light rail to Southport station
- Bus services to Southport station
- Shuttle from Helensvale station to venue
- Shuttle from Parkwood park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family

Games Family vehicles will approach the venue from Gold Coast Highway with load zones located on Nind Street.



Gold Coast Aquatic Centre

Diving and Swimming

Legend

| | | | |
|--|--------------------|--|-------------------------------|
| | Core GRN | | Games Family bus load zone |
| | Venue GRN | | Games Family car load zone |
| | Alternate GRN | | GC2018 spectator transit mall |
| | Venue perimeter | | Park 'n' ride |
| | Venue access point | | Transport hub |
| | Light rail line | | Bus stop |
| | Diving | | |
| | Swimming | | |
| | Light rail station | | |

Travel options to and from venue

| | |
|--|--|
| | Light rail to Southport station |
| | Bus services to Southport station |
| | Shuttle from Helensvale station to venue |
| | Shuttle from Parkwood park 'n' ride to venue |
| | Walk or cycle |

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.12 Gold Coast Convention and Exhibition Centre

Information

The existing Gold Coast Convention and Exhibition Centre, located at Broadbeach, is the city's premier convention and exhibition venue and the largest regional convention centre in Australia.

The centre is split into two, with the southern end (Arena) hosting the Preliminary Netball and Final Basketball competitions, and the northern end being host to the Main Media Centre.

The Broadbeach area will host other events that are in close proximity. Lawn Bowls will be hosted at the Broadbeach Bowls Club, there will be a GC2018 Celebration Zone in the precinct and activations throughout Surf Parade and the Broadbeach Mall.

Competition/Event

- Basketball (Finals)
- Netball (Preliminaries)
- Main Media Centre (MMC)

Event Dates

Training: 25 March to 4 April 2018

Netball: 5 to 12 April 2018

Basketball: 13 to 15 April 2018

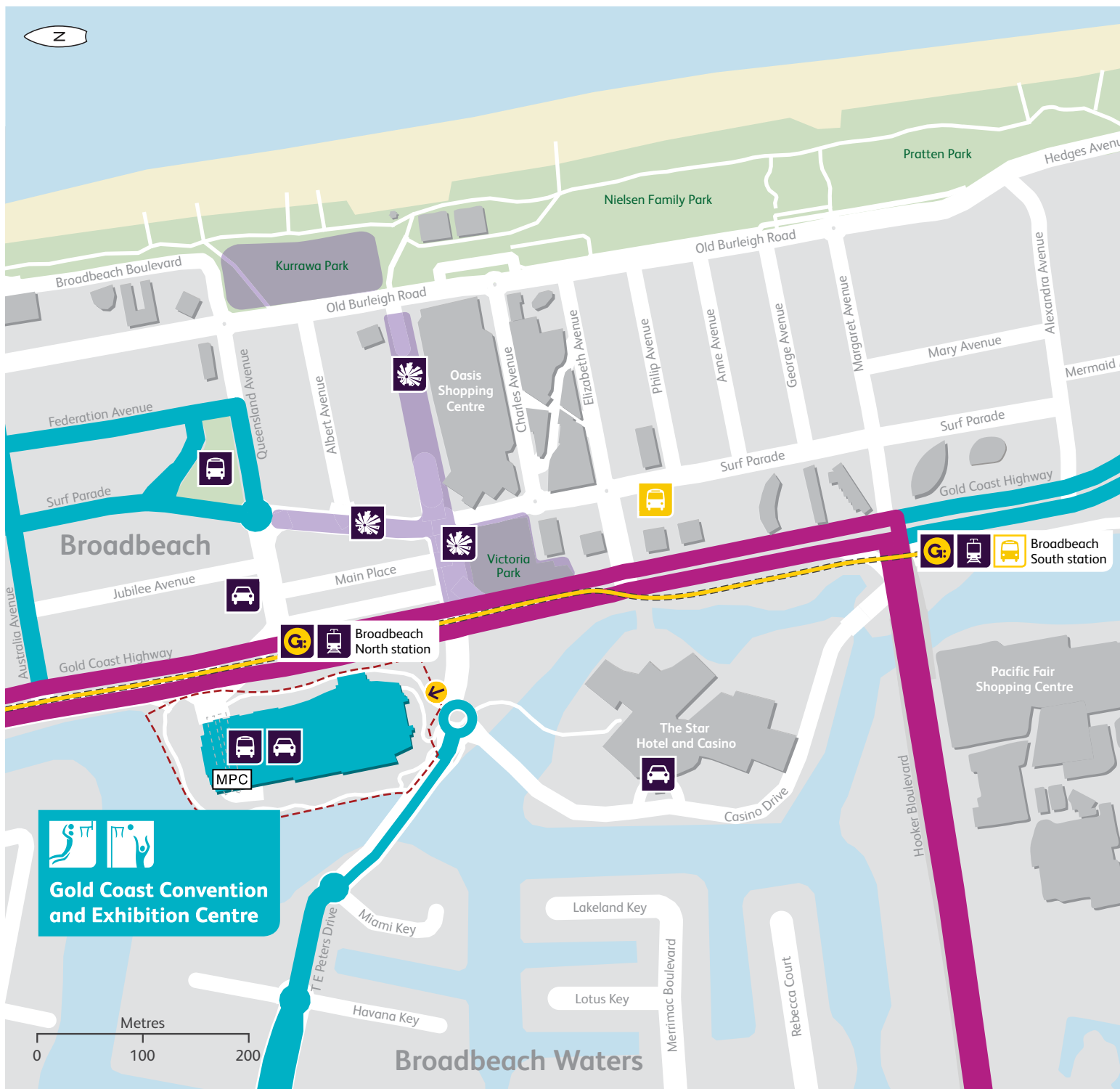
MMC: 25 March to 16 April 2018

Spectator Access

- Bus services to Broadbeach South station
- Light rail to Broadbeach South station
- Shuttle from Nerang station to venue
- Shuttle from Merrimac park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family

Games Family vehicles will approach the venue from the north and south using Gold Coast Highway. Parking and load zones are located inside the venue perimeter. Accredited media and broadcast will access all venues via bus services from a Transport Mall located at Federation Park.



Gold Coast Convention and Exhibition Centre

Basketball (Finals) and Netball (Preliminaries)

Legend

- Core GRN
- Venue GRN
- Venue perimeter
- Venue access point
- Light rail line
- Basketball
- Netball
- MPC Main Press Centre
- Festival 2018 zone
- Festival 2018
- Games Family bus load zone
- Games Family car load zone
- GC2018 spectator transit mall
- Park 'n' ride
- Transport hub
- Bus stop
- Light rail station

Travel options to and from venue

- Bus services to Broadbeach South station
- Shuttle from Merrimac park 'n' ride to venue
- Shuttle from Nerang station to venue
- Light rail to Broadbeach South station
- Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.13 Gold Coast Hockey Centre

Information

The existing Hockey Centre at Keith Hunt Park, Labrador is currently undergoing a major redevelopment to host the GC2018 Hockey competition.

In the redevelopment, the existing Gold Coast Hockey Association and existing Labrador Hockey Club synthetic pitches will be replaced to provide two new all-weather synthetic pitches and a new grass pitch with north-south orientation.

This redevelopment will establish the centre as one of Queensland's prime hockey venues, providing a valuable, international standard hockey competition and training venue for current and future athletes.

Competition/Event

Hockey

Event Dates

Training: 25 March to 4 April 2018

Competition: 5 to 14 April 2018

Spectator Access












- Light rail to Gold Coast University Hospital station
- Bus services to Gold Coast University Hospital station
- Shuttle from Gold Coast University Hospital station or Helensvale station to venue
- Shuttle from Helensvale park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family






Games Family vehicles will approach the venue from Kumbari Avenue with load zones located on the venue perimeter.

Gold Coast Hockey Centre Hockey

Legend

-  Venue GRN
-  Venue perimeter
-  Venue access point
-  Hockey
-  Games Family bus load zone
-  Games Family car load zone
-  GC2018 spectator transit mall
-  Park 'n' ride
-  Transport hub
-  Bus stop
-  Light rail station

Travel options to and from venue

-  Light rail to Gold Coast University Hospital station
-  Bus services to Gold Coast University Hospital station
-  Shuttle from Gold Coast University Hospital station or Helensvale station to venue
-  Shuttle from Helensvale park 'n' ride to venue
-  Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.



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9. Venue Transport

8.14 Nerang Mountain Bike Trails

Information

The Nerang Mountain Bike Trails are located throughout the Nerang State Forest with new international standard trails opened in February 2017. The start and finish of the race as well as all of the operations infrastructure will be located around the Nerang outdoor velodrome.

Work has also been completed on upgrades to the club house and facilities at the velodrome.

Competition/Event

Cycling (Mountain Bike)

Event Dates

Training: 5 to 11 April 2018

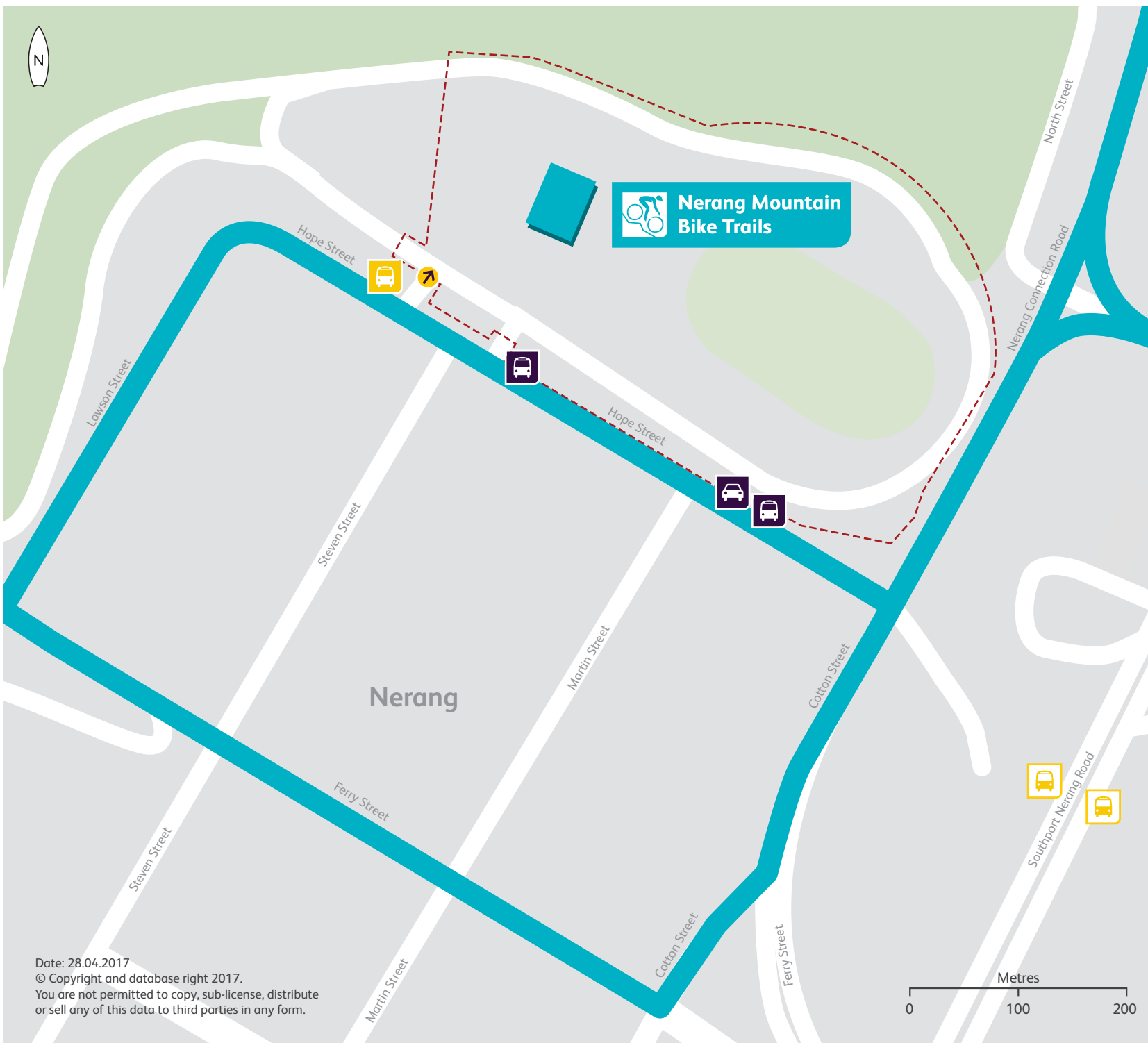
Competition: 12 April 2018

Spectator Access

- Bus services to Price Street
- Shuttle from Nerang station to venue
- Heavy rail to Nerang station
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family

Games Family vehicles will approach the venue from Nerang Connection Road with load zones located on the venue perimeter.



Nerang Mountain Bike Trails

Cycling (Mountain Bike)

Legend

- Venues GRN
- Venue perimeter
- Venue access point
- Cycling – Mountain Bike
- Games Family bus load zone
- Games Family car load zone
- GC2018 spectator transit mall
- Transport hub
- Bus stop
- Heavy rail line

Travel options to and from venue

- Bus services to Price Street
- Shuttle from Nerang station to venue
- Heavy rail to Nerang station
- Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

9. Venue Transport

9.15 Oxenford Studios

Information

Oxenford Studios offer world-class film production facilities comprising nine sound stages, three water tanks, 10 production offices, editing suites, wardrobe, makeup, construction, paint and carpentry shops.

During GC2018 this venue will be host to Boxing, Squash and Table Tennis competition as well as Badminton training.

The newly constructed Sound Stage 9, which will be used for Squash during GC2018 is the largest sound stage in the southern hemisphere. This will be the first time that the site has been used to host a sporting event.

Competition/Event

- Boxing
- Table Tennis
- Squash

Event Dates

Training: 25 March to 4 April 2018

Boxing: 5 to 14 April 2018

Table Tennis: 5 to 15 April 2018

Squash: 5 to 15 April 2018

Spectator Access

- Bus services to Wet 'n' Wild
- Shuttle from Helensvale station to venue
- Shuttle from Oxenford park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*













Games Family

Games Family vehicles will approach the venue from Entertainment Drive with load zones located in various locations around the venue.





Oxenford Studios

Boxing, Squash and Table Tennis

Legend

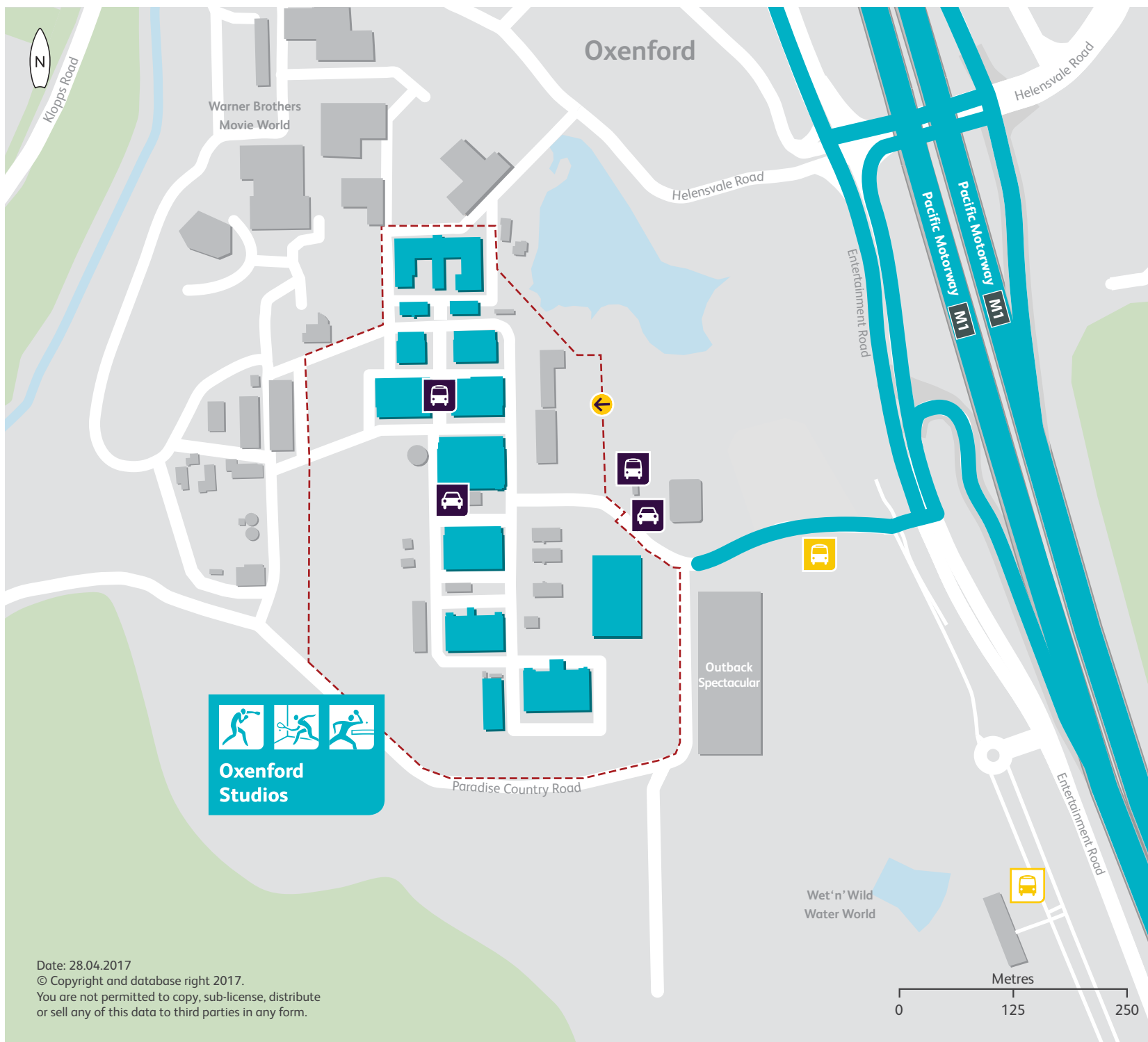
-  Venue GRN
-  Venue perimeter
-  Venue access point
-  Boxing
-  Squash
-  Table Tennis
-  Games Family bus load zone
-  Games Family car load zone
-  GC2018 spectator transit mall
-  Park 'n' ride
-  Transport hub
-  Bus stop

Travel options to and from venue

-  Bus services to Wet 'n' Wild
-  Shuttle from Helensvale station to venue
-  Shuttle from Oxenford park 'n' ride to venue
-  Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.



9. Venue Transport

9.16 Robina Stadium

Information

Robina Stadium is a purpose built rugby football facility and will host the Rugby Sevens competition for GC2018.

The stadium is located alongside Mudgeeraba Creek next to Robina station and is home to the Gold Coast Titans National Rugby League team.

Competition/Event

Rugby Sevens

Event Dates

Competition: 13 to 15 April 2018

Spectator Access

- Heavy rail to Robina station
- Bus services to Robina station
- Shuttle from Broadbeach South station to venue
- Shuttle from Mudgeeraba park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family

Games Family vehicles will approach the venue from Centreline Place with load zones located both inside and outside the venue perimeter.



Robina Stadium

Rugby Sevens

Legend

| | | | |
|--|----------------------------|--|-------------------------------|
| | Venue GRN | | GC2018 spectator transit mall |
| | Venue perimeter | | Park 'n' ride |
| | Venue access point | | Transport hub |
| | Heavy rail line | | Bus stop |
| | Rugby Sevens | | Heavy rail station |
| | Games Family bus load zone | | |
| | Games Family car load zone | | |

Travel options to and from venue

| | | | |
|--|--|--|---|
| | Heavy rail to Robina station | | Shuttle from Mudgeeraba park 'n'ride to venue |
| | Bus services Robina station | | Walk or cycle |
| | Shuttle from Broadbeach South station to venue | | |

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.17 Southport Broadwater Parklands

Information

The Southport Broadwater Parklands will be the location for the start and finish of the Marathon and Triathlon events. The existing Parklands provide an ideal location to conduct first class competition against the backdrop of the Gold Coast's Broadwater and nearby surf beaches.

The planned courses will provide tight technical courses which will challenge the athletes while at the same time maximising the opportunity for spectator viewing and showcasing the Gold Coast.

Competition/Event

- Triathlon
- Athletics (Marathon)

Event Dates

Triathlon: 5 and 7 April 2018

Athletics (Marathon): 15 April 2018

Spectator Access

- Light rail to Southport station
- Bus services to Southport station
- Shuttle* from Helensvale station to venue
- Shuttle* from Parkwood park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

*These options apply for the Triathlon and Aquatics competition only

Games Family

Games Family vehicles will approach the venue from the Gold Coast Highway with load zones located on the venue perimeter.



Southport Broadwater Parklands

Athletics (Marathon)

Legend

| | | | |
|--|-----------------|--|-------------------------------|
| | Core GRN | | Venue access point |
| | Venue GRN | | Light rail line |
| | Alternate GRN | | Games Family bus load zone |
| | Field of play | | Games Family car load zone |
| | Venue perimeter | | GC2018 spectator transit mall |
| | Athletics | | Bus stop |
| | Triathlon | | Light rail station |
| | Diving | | |
| | Swimming | | |

Travel options to and from venue

| | |
|--|-----------------------------------|
| | Light rail to Southport station |
| | Bus services to Southport station |
| | Walk or cycle |

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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Southport Broadwater Parklands

Athletics (Triathlon)

Legend

- Core GRN
- Venue GRN
- Alternate GRN
- Field of play
- Venue perimeter
- Light Rail Line
- Athletics
- Triathlon
- Diving
- Swimming
- Venue access point
- Games Family bus load zone
- Games Family car load zone
- GC2018 spectator transit mall
- Park 'n' ride
- Transport hub
- Bus stop
- Light rail station

Travel options to and from venue

- Bus services to Southport station
- Light rail to Southport station
- Shuttle from Parkwood park 'n' ride to venue
- Shuttle from Helensvale station to venue
- Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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9. Venue Transport

9.18 Townsville Entertainment and Convention Centre

Information

The Townsville Entertainment and Convention Centre is a multi-purpose facility hosting events ranging from concerts, exhibitions, banquets, business events and a variety of sporting events.

The venue, along with the Cairns Convention Centre, will host the Preliminary Basketball competition.

Competition/Event

Basketball (Preliminaries)

Event Dates

Training: 30 March to 4 April 2018

Competition: 5 to 10 April 2018

Spectator Access

- Bus services to venue
- Shuttle from Dean Street park 'n' ride to venue
- Walk or cycle
- On-demand transport: dedicated facilities provided
- *No spectator parking*

Games Family

Games Family vehicle operations are to be confirmed. It is likely some of the Games Family will walk as their accommodation is close to the Townsville Entertainment Centre and shuttle buses will be provided for other Games Family clients.



Townsville Entertainment and Convention Centre

Basketball (Preliminaries)

Legend

- Venue GRN
- Port of entry GRN
- Venue perimeter
- Venue access point
- Basketball
- Games Family bus load zone
- Games Family car load zone
- GC2018 spectator transit mall
- Park 'n' ride
- Bus stop

Travel options to and from venue

- Bus services to venue
- Shuttle from Dean Street park 'n' ride to venue
- Walk or cycle

Additional information

GC2018 transport partners are working with key stakeholders to determine appropriate locations for bicycle parking, pedestrian walking routes and on-demand transport pick up/drop off locations.

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10.

Road Events

10. Road Events

10.1 Overview

The program of events for GC2018 includes road-based competition and non-competition events. This includes Road Cycling (Road Race), Road Cycling (Time Trial), Marathon, Triathlon, Race Walk and Queen's Baton Relay (QBR).

To facilitate the setting up and safe running of these events, temporary traffic restrictions will be enacted on roads engaged with the event.

The road events provide an opportunity for many residents to have front row seats to these events close to their homes. These events will allow non-ticketed spectators to line the route and experience the excitement of GC2018.

This will however create further travel demand in these areas which will need to be managed.

10.1.1 Competition Events

The road event program for GC2018 is shown in Table 7:

| Competition | Dates |
|----------------------|---------------------------------|
| Triathlon | Thursday 5 and Saturday 7 April |
| Race Walk | Sunday 8 April |
| Cycling (Time Trial) | Tuesday 10 April |
| Cycling (Road Race) | Saturday 14 April |
| Marathon | Sunday 15 April |

Table 7: Road Event Program

Athlete course familiarisation will be held approximately one or two days prior to competition with rolling road closures as required. The Road Race routes are shown in Figures 15, 16 and 17.

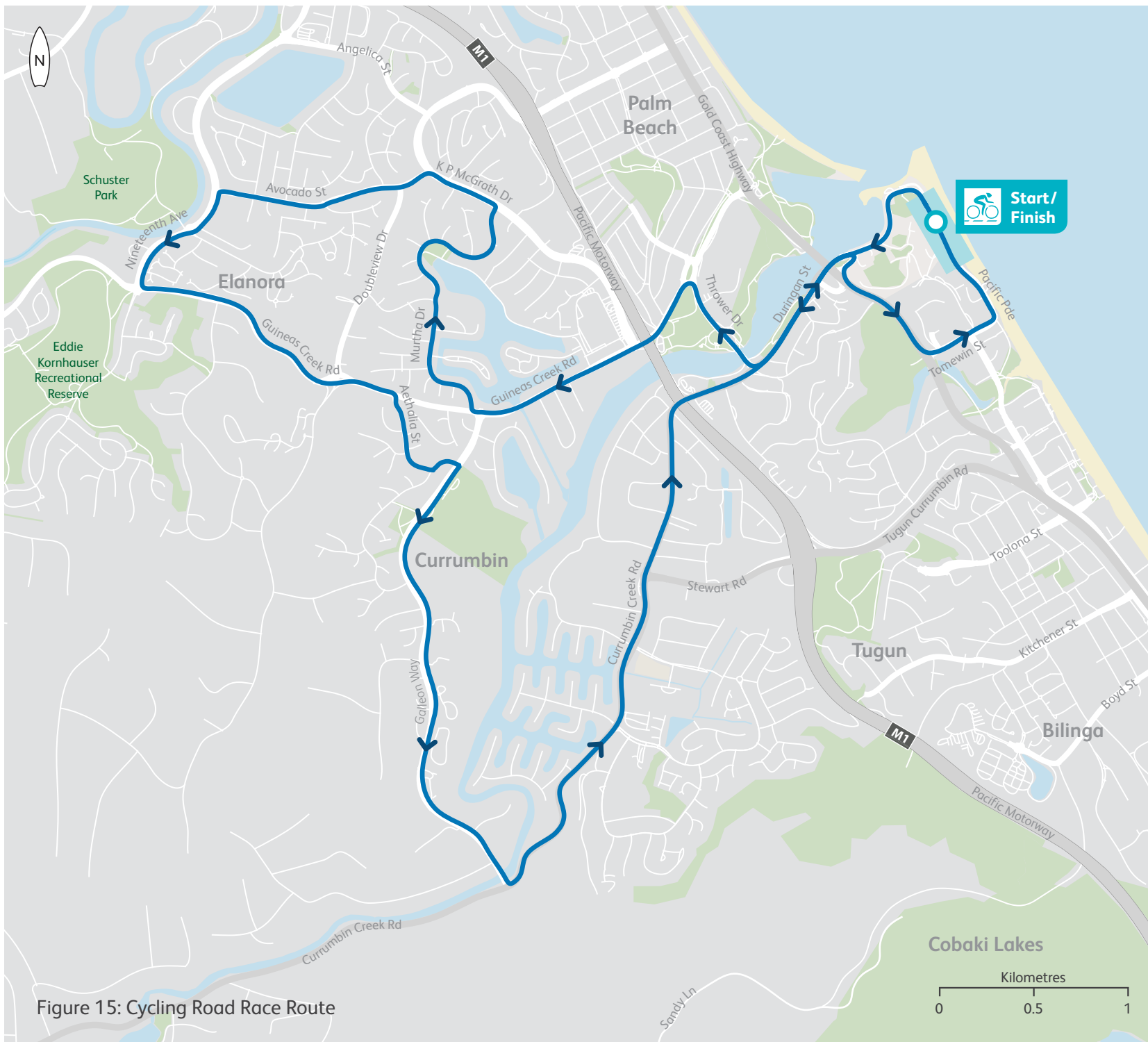





Figure 15: Cycling Road Race Route

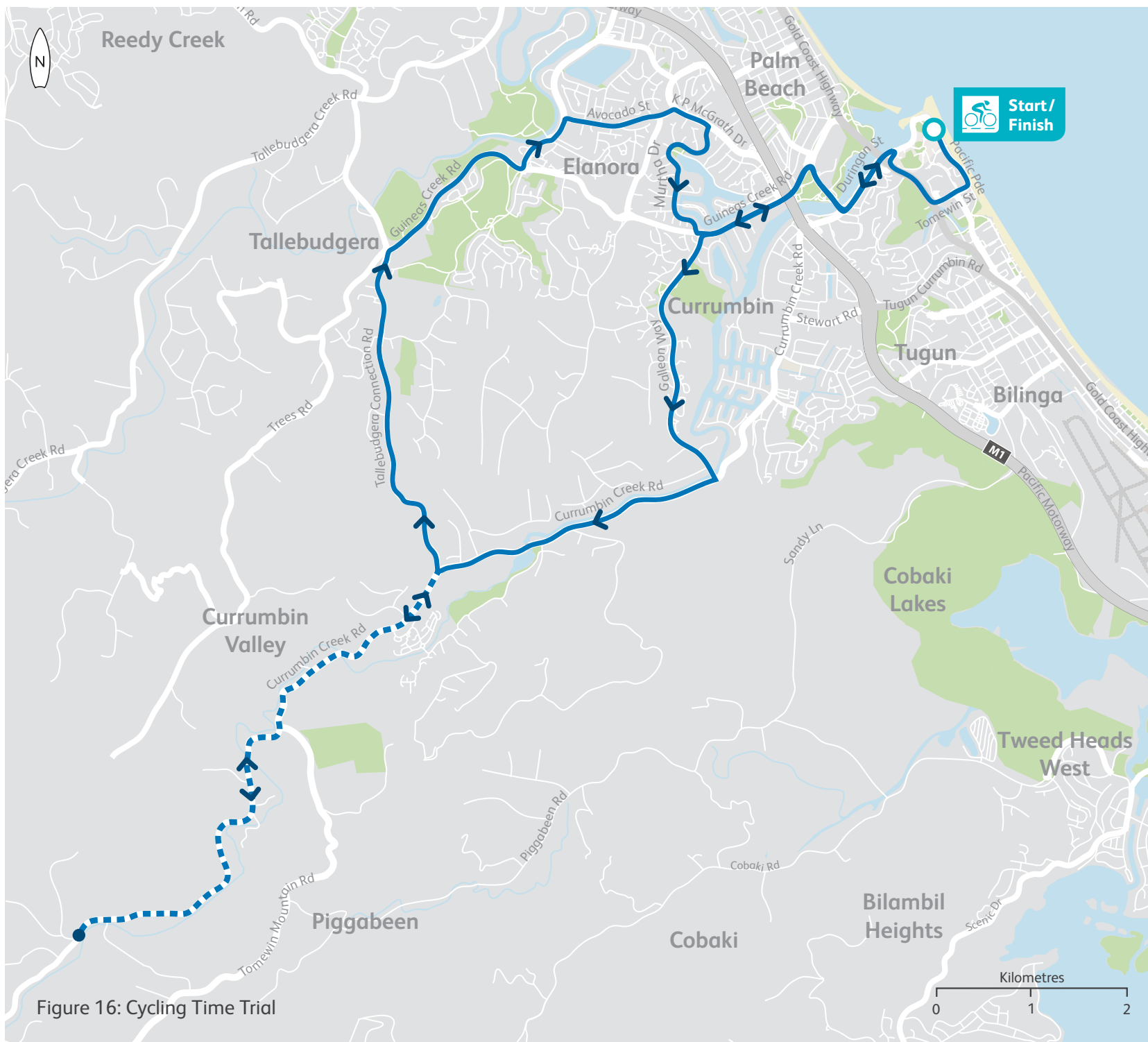
Cycling Road Race

Currumbin Beachfront

Legend

-  Cycling – Road
-  Start / finish
-  Race route





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Cycling Time Trial

Currumbin Beachfront

Legend

-  Cycling – Road
-  Start / finish
-  Men and women's route
-  Men's route

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Athletics Race Walk

Currumbin Beachfront

Legend



Athletics



Start / finish



Race route (1km loop)



Figure 17: Athletics Race Walk Route

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10. Road Events

10.2 Transport Plans for Road Events

The detailed schedules for the road events and overlay requirements are evolving from the Sport and Venues programs. This information will allow a transport management plan, specific to each road event, to be prepared. Each transport management 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 objectives will be ensuring the GRN, the local public transport network, Games shuttle buses and local resident and business access continues to operate effectively during the road events.

Road events will inevitably involve extensive traffic management throughout the city. All traffic management measures will be carefully planned to meet the needs of not only GC2018 but the residents and businesses in the city.

The key to ensuring a seamless journey during GC2018 will be to know the temporary changes, understand the transport options and plan ahead. A comprehensive awareness campaign will take place using various forms of media to ensure the public is well informed of all temporary changes to traffic conditions.

10.3 Queen's Baton Relay

The GC2018 Queen's Baton Relay started at Buckingham Palace on Commonwealth Day, Monday 13 March 2017.

From London, the Baton will visit all Commonwealth nations and territories of Africa, the Americas, the Caribbean, Europe, Asia and Oceania.

It's an international journey that presents each region with a unique opportunity to showcase its people, heritage, culture and environment to the rest of the Commonwealth.

Setting off in Australia on 25 December 2017, the Baton will visit every state and territory to share the excitement of the Games.

After a record 388-day journey spanning 230,000km, the Queen's Baton will arrive at the Opening Ceremony on 4 April 2018, where Her Majesty's message will be removed from the Baton and read aloud to declare the Games open.

Planning is underway to identify potential road closures to support the event in Australian Celebration Communities that the Baton will visit.

11.

Transport Legacy

11. Transport Legacy

11.1 Overview

GC2018 will be more than a spectacular sporting event; it will be an opportunity to deliver long-lasting benefits for the Gold Coast, Queensland and Australia.

Hosting the Commonwealth Games is a once-in-a-lifetime opportunity to raise the profile of the Gold Coast, inspire the community and attract investment to the region. GC2018 provides a catalyst to bring forward infrastructure improvements and change planning and service delivery paradigms for the long-term benefit of the community.

11.2 GC2018 Key Transport Legacies

11.2.1 Partnership

TMR, local councils, transport operators and QPS are working closely to develop coordinated transport solutions to support GC2018. Efficiencies developed through increased coordination of planning, delivery and operational activities have potential to provide long-term community benefits through streamlined processes, cost effective resourcing arrangements and effective incident management. Strong partnerships developed through GC2018 planning and delivery activities will facilitate long-term cooperative problem solving and efficient resolution of emerging issues.

11.2.2 Enhanced Transport Coordination

A TCC will be established to coordinate all GC2018 related transport operations. This centre will be a pilot for improved transport coordination state-wide.

Operational procedures, protocols and information sharing platforms developed for the GC2018 TCC may be applied state-wide to enhance integrated multi-modal management of the Queensland transport system. TCC protocols will also clarify decision-making processes.

Enhanced network monitoring systems and technology, including CCTV coverage and incident detection systems, will be delivered to support GC2018. These monitoring systems, combined with improved cross-agency sharing of information will provide network managers with improved real-time information on network performance and facilitate early detection of incidents and timely activation of response plans.

Enhanced network monitoring and information sharing will also benefit security and disaster management activities. It will enable improved disaster management responses and emergency services delivery throughout the community.

11. Transport Legacy

11.2.3 Transport Infrastructure Upgrades

The Queensland Government and the City are upgrading transport infrastructure to improve the capacity and reliability of the Gold Coast transport system.

Significant upgrades are underway to the Pacific Motorway, arterial roads, heavy rail and light rail networks and active transport connections on the Gold Coast. These improvements, summarised in Table 8, will reduce congestion and benefit network reliability prior to, during and after GC2018.

11.2.4 Permanent Change in Travel Behaviour

In the lead up to GC2018, the City, GOLDOC and TMR will work with major employers to promote public transport, telecommuting, active travel and travelling outside of peaks to reduce pressure on the transport system during GC2018. If permanently applied across the Gold Coast, these changes could deliver ongoing benefits in reduced congestion, better health, cleaner air and improved sustainability for the region.

11.2.5 Enhanced Transport Planning Information

New detailed transport models are being developed to simulate travel across the Gold Coast during GC2018. These models, and underlying data sets, will provide valuable insight into travel behaviour prior to, during and after GC2018. The models will inform future planning and prioritisation of network upgrades by TMR and the City to support future value-for-money investment decisions.

11. Transport Legacy

| Project | Description | Delivery agency |
|---|--|---|
| M1 Pacific Motorway – Nerang to Worongary | <ul style="list-style-type: none"> Motorway widening to 6 lanes | Department of Transport and Main Roads |
| M1 Pacific Motorway – Worongary to Mudgeeraba | <ul style="list-style-type: none"> Motorway widening to 6 lanes | Department of Transport and Main Roads |
| Smith Street upgrade | <ul style="list-style-type: none"> Road widening to 6 lanes (Pacific Motorway to Hospital Boulevard) Smith Street/Olsen Avenue Interchange upgrade Commonwealth Games Village access (Hospital Boulevard/Smith Street intersection) | Department of Transport and Main Roads |
| Coomera to Helensvale Rail | <ul style="list-style-type: none"> Duplication of 8.2km rail track, including 8 new rail bridges | Department of Transport and Main Roads, Queensland Rail managing construction |
| Gold Coast Light Rail – Griffith University to Broadbeach | <ul style="list-style-type: none"> 13km light rail system including 16 stations, 14 trams, depot | Department of Transport and Main Roads |
| Nerang-Broadbeach Road | <ul style="list-style-type: none"> Road widening to 3 westbound lanes (Rio Vista Boulevard to Lakeview Boulevard) | Department of Transport and Main Roads |
| Nerang-Broadbeach Road/Gooding Drive | <ul style="list-style-type: none"> Reconfiguration of Gooding Drive roundabout | Department of Transport and Main Roads |
| Southport-Burleigh Road upgrade | <ul style="list-style-type: none"> Major intersection upgrades at Ashmore Road/Salerno Street and Slatyer Avenue/Thomas Drive Minor intersection improvements at Nerang Street, Queen Street, Benowa Road, Cotlew Street, Rudd Street Widening of Korong Canal bridge | Department of Transport and Main Roads |

11. Transport Legacy

| Project | Description | Delivery agency |
|---|--|--|
| M1 Pacific Motorway – Coomera Exit 54 | <ul style="list-style-type: none"> Duplication of overpass and signalisation of approaches | Department of Transport and Main Roads |
| Gold Coast Light Rail Stage 2– Griffith University to Helensvale | <ul style="list-style-type: none"> 7.3km light rail extension including 3 stations, 4 trams, 2 park 'n' ride facilities | Department of Transport and Main Roads |
| Ashmore Road/ Ross Street intersection upgrade | <ul style="list-style-type: none"> Convert roundabout to signalised intersection | Department of Transport and Main Roads |
| Olsen Avenue – Crestwood Drive to Southport/Nerang Road | <ul style="list-style-type: none"> Road widening to 6 lanes A new signalised intersection at Industrial Avenue Improvements to the Southport-Nerang Road intersection | Department of Transport and Main Roads |
| Smith Street/ Kumbari Avenue intersection upgrade | <ul style="list-style-type: none"> Intersection improvements to increase capacity and improve safety | Department of Transport and Main Roads |
| Arundel Road/Napper Road intersection upgrade | <ul style="list-style-type: none"> Convert roundabout to traffic signals | City of Gold Coast |
| Margaret Street/ Surf Parade intersection upgrade | <ul style="list-style-type: none"> Convert roundabout to traffic signals | City of Gold Coast |
| Robina Parkway/ Cheltenham Drive intersection upgrade | <ul style="list-style-type: none"> Duplication of right turn lane from Robina Parkway into Cheltenham Drive | City of Gold Coast |
| High Street/ Scarborough Street intersection upgrade | <ul style="list-style-type: none"> Convert roundabout to traffic signals | City of Gold Coast |
| Boulton Road shared path | <ul style="list-style-type: none"> New shared pedestrian and cycle path | City of Gold Coast |
| Nerang-Broadbeach Road – Boulton Road to Lakeview Drive shared path | <ul style="list-style-type: none"> New shared pedestrian and cycle path | City of Gold Coast |

11. Transport Legacy

| Project | Description | Delivery agency |
|--|--|--|
| Entertainment Road shared path | <ul style="list-style-type: none"> New shared pedestrian and cycle path | City of Gold Coast |
| Bowden Court shared path | <ul style="list-style-type: none"> New shared pedestrian and cycle path | City of Gold Coast |
| Morala Avenue shared path | <ul style="list-style-type: none"> New shared pedestrian and cycle path | City of Gold Coast |
| Sports Drive shared path | <ul style="list-style-type: none"> New shared path and crossing improvements | City of Gold Coast |
| Nerang active transport improvements | <ul style="list-style-type: none"> New and upgraded shared path along Nerang Connection Road, Nerang-Southport Road and Hope Street | City of Gold Coast |
| Margaret Avenue/ Gold Coast Hwy pedestrian improvements | <ul style="list-style-type: none"> Upgrade footpath and pedestrian crossings | City of Gold Coast |
| Broadbeach South Station footpath upgrade | <ul style="list-style-type: none"> New footpath to improve event bus loading facility | Department of Transport and Main Roads |
| Southport active transport improvements | <ul style="list-style-type: none"> Upgrades to Nerang Street / Gold Coast Highway signalised crossing and Scarborough Street / Nerang Street intersection, new path through Carey Park and new ramp and stairs access to Broadwater Parklands | City of Gold Coast |
| Currumbin active transport improvements | <ul style="list-style-type: none"> New green bridge between Len Wort Park and Kropp Park, new shared path to link Tomewin Street to the new green bridge | City of Gold Coast |
| Beattie Road shared path | <ul style="list-style-type: none"> New shared pedestrian and cycle path | City of Gold Coast |
| Victoria Avenue/ Old Burleigh Road pedestrian crossing upgrade | <ul style="list-style-type: none"> Upgrade to existing signalised pedestrian crossing | City of Gold Coast |
| Musgrave Avenue/ Stevens Street and Gold Coast Highway shared path | <ul style="list-style-type: none"> New shared pedestrian and cycle path | City of Gold Coast |

11. Transport Legacy

| Project | Description | Delivery agency |
|--|--|--------------------|
| Musgrave Avenue (Olsen Avenue to Kumbhari Street) shared path | <ul style="list-style-type: none">• New shared pedestrian and cycle path | City of Gold Coast |
| Northcliffe Avenue and Garfield Terrace shared path | <ul style="list-style-type: none">• New shared pedestrian and cycle path | City of Gold Coast |
| Waterways Drive and Woodroffe Avenue shared path | <ul style="list-style-type: none">• New shared pedestrian and cycle path | City of Gold Coast |
| Surf Parade (Queensland Avenue to Chelsea Avenue) shared path | <ul style="list-style-type: none">• New shared pedestrian and cycle path | City of Gold Coast |
| Old Burleigh Road (Wharf Road to Fern Street) shared path | <ul style="list-style-type: none">• New shared pedestrian and cycle path | City of Gold Coast |
| Gold Coast Highway (Nerang Street to North Street) shared path | <ul style="list-style-type: none">• New shared pedestrian and cycle path | City of Gold Coast |

Table 8: Transport infrastructure to support GC2018 and provide a long-term legacy



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