

# Olympic and Paralympic Games Transport and Travel Impacts

## **Ealing Summary**

Report

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## 1 Introduction

- 1.1 The London 2012 Olympic and Paralympic Games are Britain's largest peacetime logistical events. In summer 2012, Olympic events at venues throughout London will attract 9 million spectators, with the number of Paralympic Games spectators expected to total 2 million.
- 1.2 The extra demand from athletes, spectators, the wider Games family and the media immediately before and during Games time will put additional strain on London's transport system. To manage the transport challenges associated with the extra demand, there will be some changes to the way in which the transport network operates during the Games period. These special measures will be largely focused on areas in Central and East London where the majority of the Games venues are. However some changes, such as the Olympic and Paralympic Route Networks, will have a far greater impact and will affect areas beyond the core Games areas.
- 1.3 Travel in Ealing will be affected during the Games, with some roads and public transport routes expected to be busier than usual. It is important that businesses and individuals start planning ahead now to ensure that they understand the expected impact on their usual journeys, and avoid or minimise disruption and delay. This can be achieved by:
  - **Reducing** the need to travel;
  - **Retiming** journeys to avoid peak times and restrictions;
  - **Rerouting** journeys; or
  - **Revising** the mode of transport used.
- 1.4 This note sets out the expected transport impacts of Games operations on journeys into, around and out of Ealing, identifying the particularly busy areas and times when travelling will be more difficult. The detail presented here has been collated from the information prepared by the Olympic Delivery Authority and Transport for London. Further information on the transport impacts of the Games can be found at [www.getaheadofthegames.com](http://www.getaheadofthegames.com), and [www.tfl.gov.uk/london2012](http://www.tfl.gov.uk/london2012).

## 2 Events and Special Arrangements that will Impact on Ealing

### The Olympic and Paralympic Route Networks (ORN/PRN)

- 2.1 The Olympic Route Network and Paralympic Route Network (ORN and PRN) are networks of core routes between Central London and the Olympic Park at Stratford, venue routes (which link all the venues, nationwide), training routes (linking training venues), and an alternative ORN, which will be used if the core is unavailable.
- 2.2 The ORN and PRN will enable key participants, such as athletes and officials, to be fast tracked around London between venues and their accommodation. In order to ensure reliable journey times for the Games family, some changes to the normal operations of key routes are required. These changes will be temporary and proportionate: the ORN and PRN will only operate when needed, and they will be determined by demand, location and competition schedules. The scale and nature of the traffic management measures put in place along the ORN and PRN will vary according to the local traffic environment, but may include combinations of the following:
- Changes to traffic signal timings;
  - Restricted turns at specified junctions;
  - Side road closures to general traffic;
  - Suspension of parking and waiting bays; and
  - Suspension of some pedestrian crossings.
- 2.3 The ORN and PRN restrictions will operate from 6am to midnight, but the routes (with the exception of marked Games Lanes) will still be open to all road users at all times for the duration of the Games.
- 2.4 In Ealing, the ORN will operate on Western Avenue, around Hanger Lane and on the North Circular Road on the route to Wembley Stadium and Wembley Arena. The specific detail of the measures and restrictions on these routes is presented in the next section. The PRN will not operate on routes through Ealing.
- 2.5 The operations of the ORN in Ealing will mean that key routes have to accommodate more traffic. Whilst the specific ORN measures will ensure that traffic is kept moving on the ORN, there may be some localised queuing and congestion as usual traffic is displaced onto other roads. Day by day information on the expected impacts of the ORN on London's roads is available at [www.getaheadofthegames.com/travelinaffectedareas/city/london-driving-and-roads.html](http://www.getaheadofthegames.com/travelinaffectedareas/city/london-driving-and-roads.html).

### Olympic Torch Relay

- 2.6 The Olympic Torch will pass through every London Borough between 21<sup>st</sup> and 27<sup>th</sup> July. Large numbers of spectators are expected to view the relay and this will impact on movements along the Torch Relay route. In Ealing, the Torch will travel

in a police convoy with rolling road closures through Northolt, Southall and Hanwell to Walpole Park on Tuesday 24<sup>th</sup> July. The route is as follows:

- Southbound from Northala Fields on Lady Margaret Road (B455);
- Eastbound on Uxbridge Road/Broadway (A4127/A4020) to Walpole Park.

2.7 No large-scale road closures will be in effect in Ealing, but the rolling road closures will necessitate some localised diversions as the relay progresses through the Borough.

### Olympic and Paralympic Venues and Events

2.8 Whilst there are no Olympic or Paralympic venues in Ealing, there are a number of venues in neighbouring boroughs which will affect journeys in and through Ealing. These venues/locations are:

- Wembley Stadium (Brent), which will host football events from 29<sup>th</sup> July to 11<sup>th</sup> August;
- Wembley Arena (Brent), the location for badminton and rhythmic gymnastics from 28<sup>th</sup> July to 12<sup>th</sup> August;
- Heathrow Airport (Hillingdon), which will be very busy with international arrivals and departures throughout the Games. The peak arrivals and departures days will be on 16<sup>th</sup> and 26<sup>th</sup> July, 13<sup>th</sup>, 22<sup>nd</sup> and 28<sup>th</sup> August, and 10<sup>th</sup> September;
- Earl's Court (Hammersmith and Fulham), where volleyball is taking place from 28<sup>th</sup> July to 12<sup>th</sup> August; and
- Roads in Richmond Upon Thames and Kingston, which will form part of the cycling road race route on 28<sup>th</sup> and 29<sup>th</sup> July.

2.9 On days that events take place in surrounding areas Ealing will be busier than usual as spectators pass through the borough to access venues, or as normal traffic diverts to avoid the busiest routes around the transport hotspots.

### Calendar of Events

2.10 The Games time events and special arrangements that are likely to have some impact on travel into, around and out of Ealing are shown in the calendar that follows.





FIGURE 2.1 EVENTS AND SPECIAL ARRANGEMENTS AROUND EALING - 23<sup>RD</sup> JULY - 12<sup>TH</sup> AUGUST

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
July	23	24	25	26	27	28	29
		Olympic Torch Relay events in West London - rolling road closures	ORN in operation	ORN in operation	ORN in operation Olympic Games opening ceremony	ORN in operation 08:30-23:00 Badminton events at Wembley Arena 09:30-23:00 Volleyball events at Earl's Court 10:00-16:15 Cycling road event - delays on road network in south west London	ORN in operation 17:00-21:45 Football events at Wembley Stadium 08:30-23:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball events at Earl's Court 12:00-16:15 Cycling road event - delays on road network in south west London
	30	31	1	2	3	4	5
	ORN in operation 08:30-23:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball events at Earl's Court	ORN in operation 19:45-21:45 Football event at Wembley Stadium 08:30-23:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball events at Earl's Court	ORN in operation 17:00 - 19:00 Football event at Wembley Stadium 09:00-21:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball events at Earl's Court	ORN in operation 09:00-20:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball events at Earl's Court	ORN in operation 09:00-17:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball events at Earl's Court	ORN in operation 14:30-16:30 Football event at Wembley Stadium 09:00-17:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball events at Earl's Court	ORN in operation 09:00-16:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball events at Earl's Court
	6	7	8	9	10	11	12
	ORN in operation 17:00-19:00 Football event at Wembley Stadium 09:30-23:30 Volleyball events at Earl's Court	ORN in operation 17:00-19:00 Football event at Wembley Stadium 13:00-22:30 Volleyball events at Earl's Court	ORN in operation 14:00-23:00 Volleyball events at Earl's Court	ORN in operation 19:45-22:15 Football event at Wembley Stadium 12:00-16:10 Gymnastics events at Wembley Arena 15:00-21:00 Volleyball events at Earl's Court	ORN in operation 12:00-16:10 Gymnastics events at Wembley Arena 15:00-21:00 Volleyball events at Earl's Court	ORN in operation 15:00-17:30 Football event at Wembley Stadium 13:30-16:05 Gymnastics events at Wembley Arena 11:30-20:40 Volleyball events at Earl's Court	ORN in operation 13:30-15:10 Gymnastics events at Wembley Arena 09:30-15:10 Volleyball events at Earl's Court
August							



### 3 Travelling in and Around Ealing During the Games

- 3.1 The additional demand on the transport network created by Games related journeys will present significant challenges for London. In Ealing, journeys will be affected by the operations of the ORN, and some journeys made by public transport will be busier than usual or subject to delay or diversion.

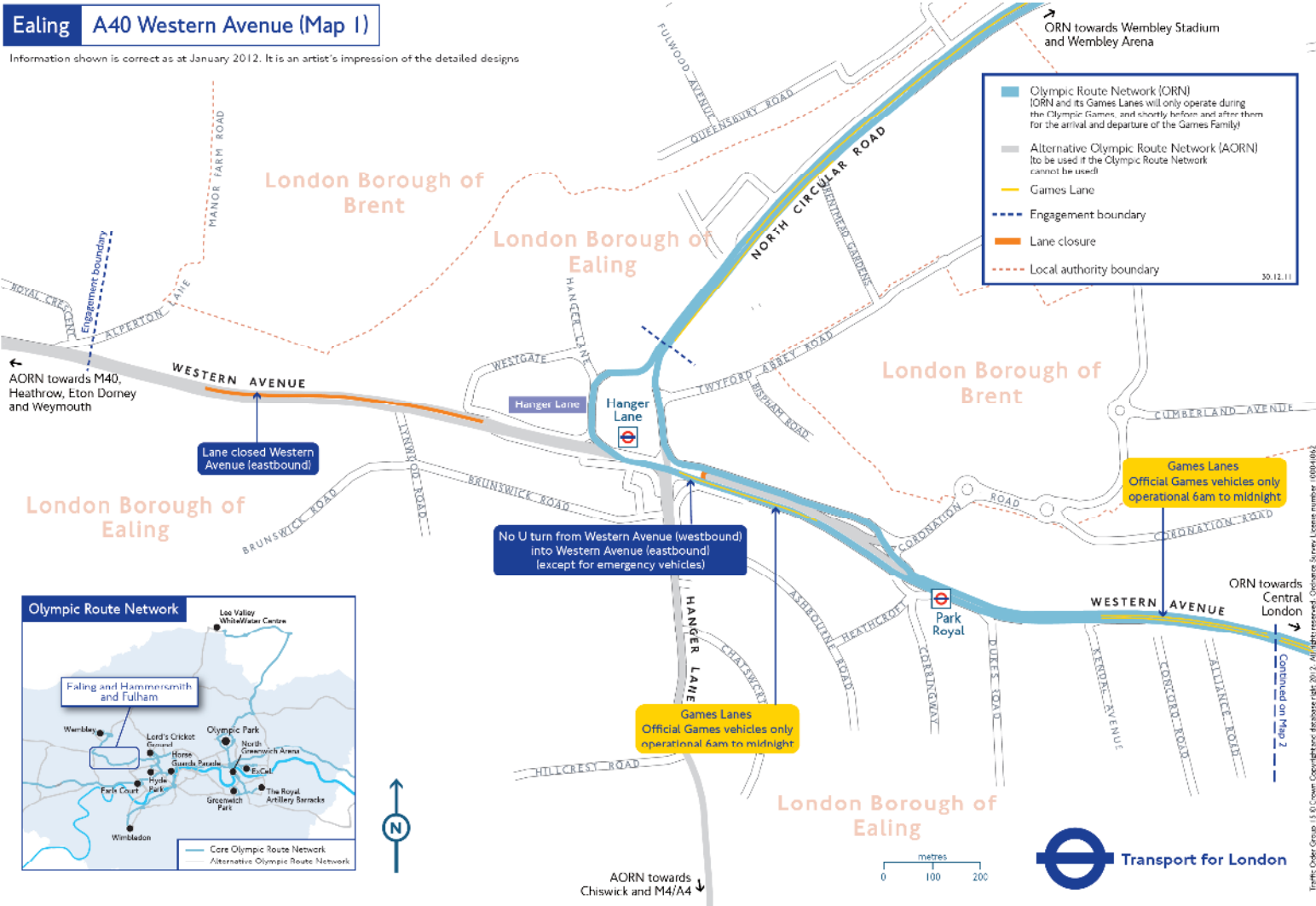
#### By Road

##### *All Road Journeys*

- 3.2 The ORN will be in effect in Ealing to provide safe, secure and efficient access for key Games participants between Central London and the Wembley venues. It will operate on A40 Western Avenue to Hanger Lane, then on the A406 North Circular Road to Wembley. Maps of the affected routes are presented in Figure 3.1 and Figure 3.2. The specific changes on these sections are as follows:
- Games Lanes will be operational westbound on the Western Avenue from Friary Road junction to Kendal Avenue junction, and eastbound in the same sections. Games Lanes will be closed to general traffic and will be reserved for use by accredited Games vehicles only between 6am and midnight. There will be penalties for vehicles that use the Games Lanes during operational hours.
  - A Games Lane will be operational on the westbound approach to Hanger Lane on Western Avenue.
  - Games Lanes will be operational northbound and southbound on the North Circular Road between Hanger Lane and Wembley.
  - There will be no U turn from Western Avenue (westbound) into Western Avenue (eastbound).
  - There will be no right turn from Western Avenue (eastbound) into Old Oak Road, except for buses.
- 3.3 Additional traffic on the ORN and associated restrictions may result in some displacement of traffic onto alternative routes through Ealing.

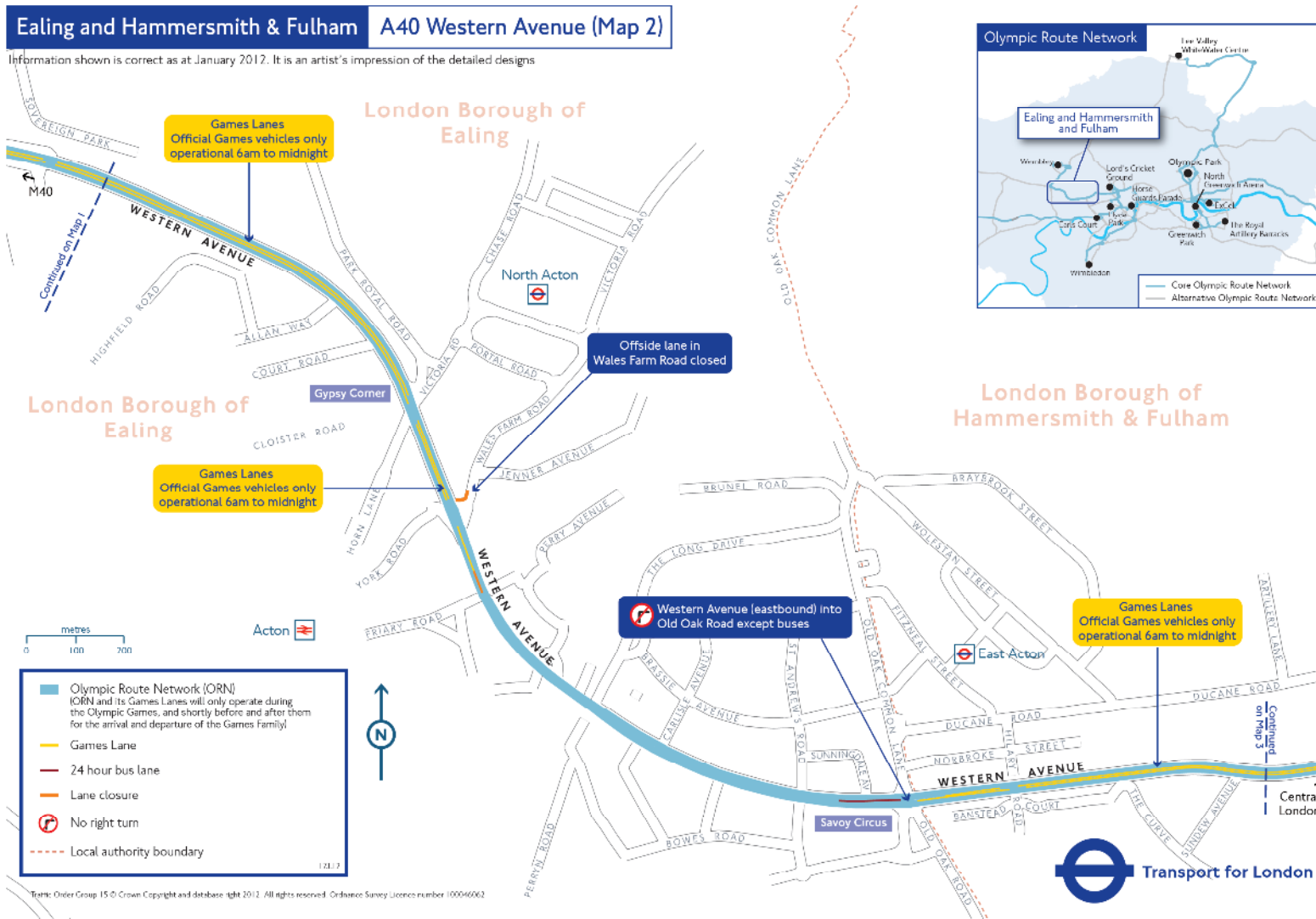


FIGURE 3.1 OLYMPIC ROUTE NETWORK - EALING, A406 NORTH CIRCULAR AND A40 WESTERN AVENUE



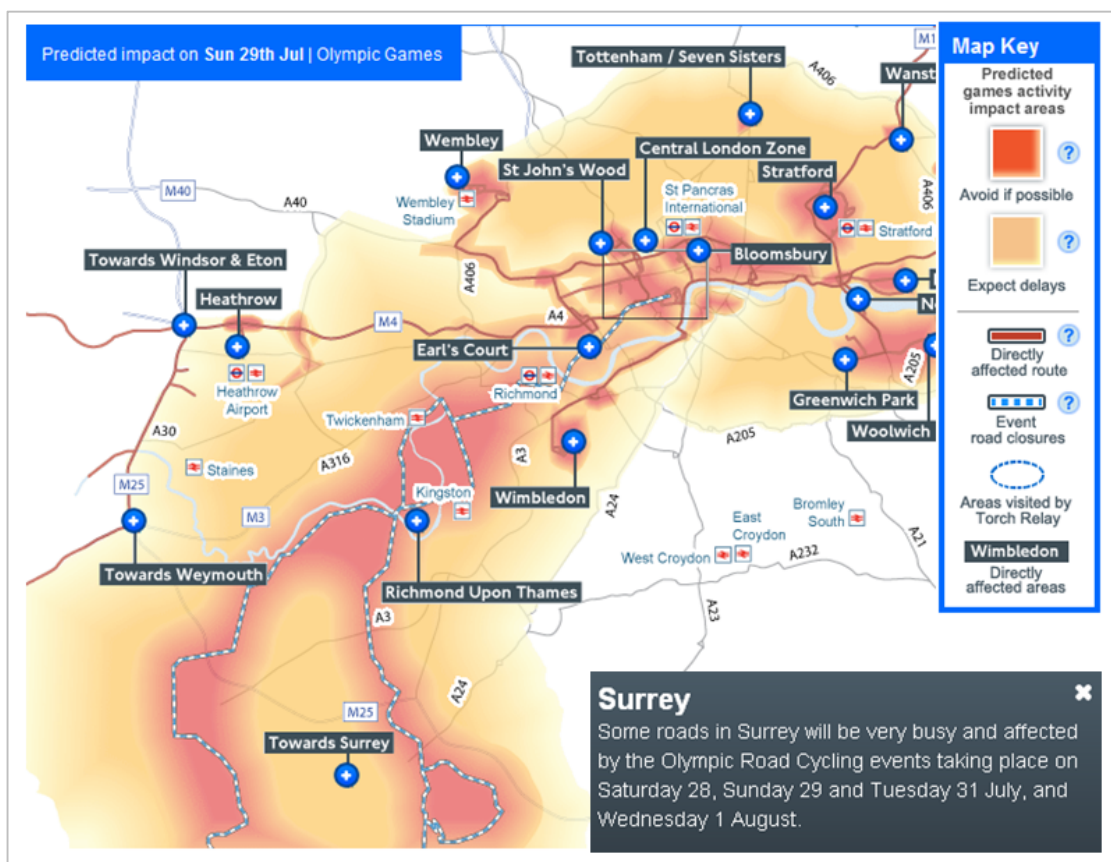
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FIGURE 3.2 OLYMPIC ROUTE NETWORK - EALING AND HAMMERSMITH, A40 WESTERN AVENUE



- 3.4 The predicted impact of the Games on London has been modelled to highlight the worst affected areas of the road network. The results of the modelling show that the predicted impacts will extend as far as Ealing, and that some delays should be expected to journeys from 25<sup>th</sup> July to 12<sup>th</sup> August. The following roads in the Brent/Ealing vicinity will be particularly affected during this time:
- A406 at Wembley IKEA, southbound;
  - Abbey Road at North Circular, westbound;
  - A40 at Hanger Lane, eastbound;
  - Coronation Road at A40 towards A40;
  - Park Royal at Gypsy Corner, eastbound;
  - Victoria Road at Gypsy Corner, southbound; and
  - A40 westbound at Savoy Circus, westbound.
- 3.5 The area from Neasden to Acton and Hanger Lane in the west will be particularly busy due to traffic associated with the Games. Road journey times through this area will be significantly increased while events are taking place.
- 3.6 It is anticipated that the impact of the Paralympic Games on the road network in Ealing will be minimal.
- 3.7 The worst affected days on the road network will be on Saturday 28<sup>th</sup> July and Sunday 29<sup>th</sup> July when the cycling road events take place. The route extends from Central London through the south west towards the Box Hill circuit in Surrey and there will therefore be extensive traffic management measures to divert the usual traffic from the official route. Motorists will be advised to avoid the south west area, using the M25 as an alternative where possible. The predicted impacts on the road network are shown in Figure 3.3.

FIGURE 3.3 PREDICTED IMPACT OF THE CYCLING ROAD EVENTS, SATURDAY 28<sup>TH</sup> AND SUNDAY 29<sup>TH</sup> JULY



**Freight Movements**

3.8 The movement of freight by road will be subject to the same impacts as those experienced by usual traffic on the road network in Ealing. Transport for London have developed specific advice for the freight industry regarding Games time operations. This can be accessed at [www.tfl.gov.uk/gettingaround/london2012/21838.aspx](http://www.tfl.gov.uk/gettingaround/london2012/21838.aspx).

**Using Public Transport**

3.9 Journeys in Ealing by public transport will be less affected by the Games than those made in Central London, however some routes and lines are still expected to be busier than usual.

**Bus**

3.10 There are no planned changes to bus routes that operate through Ealing, however it is likely that some services during the Olympic Games will be subject to delay due to the congestion associated with the ORN.

**London Underground**

3.11 Detailed information on the anticipated impact of the Games on all London Underground lines can be accessed at [www.getaheadofthegames.com/travelinaffectedareas/city/london-public-transport.html](http://www.getaheadofthegames.com/travelinaffectedareas/city/london-public-transport.html).



*Central Line*

- 3.12 The Central line is one of the key lines that will be used by spectators during the Olympic and Paralympic Games. It will be exceptionally busy in some sections as spectators travel to and from the Olympic Park at Stratford, the Olympic Games Live Sites in Victoria Park and Hyde Park, and to attend Marathon Swimming and Triathlon events in Hyde Park.
- 3.13 The Central line starts at Ealing Broadway, but it is not expected that the initial section will be significantly busier than usual. The busiest section will be from Marble Arch to Stratford, and this section will be most affected on weekdays from 7-9.30am and 4-7.30pm, and 10pm until the last train.
- 3.14 For passengers who make journeys using the Central line, it is advised that, if possible, travel is completed outside of the AM and PM peak periods.

*District Line*

- 3.15 The District line will provide a key route to the Olympic Park via West Ham, as well as serving the Olympic venues at Earl's Court and Wimbledon.
- 3.16 The District line also starts at Ealing Broadway, and the section of route that serves Ealing is not expected to be significantly busier than usual. The busiest section will be from Tower Hill to West Ham, and South Kensington to Southfields. The South Kensington to Earl's Court section will be busiest between 6<sup>th</sup> and 12<sup>th</sup> August.
- 3.17 For passengers who make journeys using the District line, it is advised that, if possible, travel is completed outside of the AM and PM peak periods.

*Piccadilly Line*

- 3.18 The Piccadilly line will be busier than usual as spectators travel to and from events at Earl's Court, Hyde Park and other Central London venues.
- 3.19 The busiest section will be from Earl's Court to King's Cross from 27<sup>th</sup> July to 12<sup>th</sup> August, and the section of the line that serves Ealing has not been highlighted as a section which is likely to be significantly busier than usual.
- 3.20 For passengers who make journeys using the Piccadilly line, it is advised that, if possible, travel is completed outside of the AM and PM peak periods.

*National Rail*

- 3.21 National Rail services from London will operate later than normal during the Games, with some longer and/or more frequent trains being operated on some lines.
- 3.22 First Great Western will run additional late night and early morning services from Paddington during the Olympic and Paralympic Games.

*Busy Interchange Stations*

- 3.23 Whilst sections of National Rail and tube lines that pass through Ealing are not expected to be significantly busier than usual, many of the key interchange stations from which these services are accessed will be very busy. Delays at these stations will mean that journeys to and from Ealing from Central London will be affected. The details of the affected stations relevant to Ealing services are as follows:

- Paddington Rail station (National Rail services to and from Ealing): this station will be busier than usual throughout the Olympic and Paralympic Games as it will be a key

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interchange station for spectators. Spectators will also be using the station to travel to and from events at Eton Dorney.

- The station is expected to be busiest between 7.00 and 9.00am on weekdays, 12.30-3.00pm on Sunday 29<sup>th</sup> and Monday 30<sup>th</sup> July, and Monday 6<sup>th</sup> to Sunday 11<sup>th</sup> August, and 2.30-5.00pm on Saturday 28<sup>th</sup> and Tuesday 31<sup>st</sup> July, and Wednesday 1<sup>st</sup> to Saturday 4<sup>th</sup> August.
  - **Paddington Underground station** (interchange point for passengers using National Rail services to and from Ealing): this station will be busier than usual during the Olympic and Paralympic Games due to spectators using the station to access Games venues in the area during the morning and evening peaks.
    - The station will be particularly busy weekday mornings between 7-9.30am during the Olympic Games and Paralympic Games and in the evenings between 4.30-7pm during the Olympic Games.
    - During the busiest times, passengers may have to wait between 15 and 30 minutes to board a service.
  - **Earl's Court Underground station** (interchange point for passengers using the District line): this station will be exceptionally busy throughout the Olympic Games as it is a venue station for Olympic volleyball events at Earl's Court. It will be busiest from midday, and in the early and late evening from Saturday 28<sup>th</sup> July to Sunday 12<sup>th</sup> August.
    - To ensure the station does not become overcrowded, there will be a one-way system in operation at Earl's Court at all times throughout the Olympic Games. Entry to the station will be via the Warwick Road ticket hall. Exit from the station will be via the Earl's Court Road ticket hall.
    - On Monday 30<sup>th</sup> July to Wednesday 1<sup>st</sup> August between 10.30am and 11.30am passengers may have to wait between 15 and 30 minutes to board a service.
  - **Bond Street Underground station** (interchange point for passengers using the Central line): this station will be exceptionally busy throughout the Games and particularly busy in the evening peak, and interchange between the Central and Jubilee lines will be particularly busy all day.
    - The station will be busiest between 5-8pm on weekdays, at weekends, and during the Paralympic Games it will be busier than usual between 8-10am and 5.30-6.30pm from Monday 3<sup>rd</sup> to Friday 7<sup>th</sup> September.
    - During the busiest times in the Olympics, passengers may have to wait longer than 30 minutes to board a service.
- 3.24 Passengers who access Ealing via these stations are advised to avoid the stations during the predicted busiest times, either by retiming their journey or by using an alternative route or mode.

### Travelling through Central London

- 3.25 All travel in Central London will be affected to some extent during the Games period, and the impacts will vary by day, time and mode of travel. The interactive planning tools at [www.getaheadofthegames.com](http://www.getaheadofthegames.com) show the expected impacts by day and by time, and are therefore an invaluable resource for avoiding significant delay on normal journeys.

## 4 Being Prepared - Plan Ahead

- 4.1 The information that has been made available on the anticipated transport impacts of the Games has been prepared by adding expected spectator numbers to 'background' data - the impacts of normal travel habits during the summer months.
- 4.2 The information shows the anticipated impacts based on a scenario in which all transport users continue to travel as normal, however the most severe impacts can be minimised or mitigated if all users - businesses and individuals - are flexible about their travel arrangements and plan ahead to avoid the worst affected hotspot areas.
- 4.3 For those travelling in Ealing and throughout London during the Games, disruption can be avoided by implemented the 'four Rs':
- **Reducing** the need to travel;
  - **Retiming** journeys to avoid peak times and restrictions;
  - **Rerouting** journeys; or
  - **Revising** the mode of transport used.
- 4.4 For individuals, it is advised that essential journeys during the Games are planned in advance using the information at [www.getaheadofthegames.com](http://www.getaheadofthegames.com).
- 4.5 Businesses throughout London are being supported by Transport for London's Travel Advice for Business programme, however all businesses are encouraged to develop an action plan to ensure that the impacts of the Games on employees, deliveries, customers and visitors are considered, and that the business is well prepared for Games related impacts. The [Travel Advice for Business handbook](#) is a useful resource for businesses that identifies a range of potential solutions for different business types.



CONTROL SHEET

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