Olympic and Paralympic Games Transport and Travel Impacts

Hammersmith & Fulham

Report

June 2012

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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 Hammersmith & Fulham 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:
 - **I Reducing** the need to travel;
 - Retiming journeys to avoid peak times and restrictions;
 - I Rerouting journeys; or
 - **I** 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 Hammersmith & Fulham, 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, and www.tfl.gov.uk/london2012.

Events and Special Arrangements that will Impact on Hammersmith & Fulham

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:
 - I 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 Hammersmith & Fulham, the ORN and PRN will operate on the A4 to facilitate Games family journeys to Earl's Court and Eton Dorney (outside London), and the ORN will operate in the north of the borough on the A40 to provide access to Wembley Stadium and Wembley Arena. The specific detail of the measures and restrictions on these routes is presented in the next section.
- 2.5 The operations of the ORN and PRN in Hammersmith & Fulham and neighbouring London boroughs will mean that key routes have to accommodate more traffic. Whilst the specific ORN and PRN measures will ensure that traffic is kept moving on these routes, 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 and PRN on London's roads is available at 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 21st and 27th
 July. Large numbers of spectators are expected to view the relay and this will
 impact on movements along the Torch Relay route.
- 2.7 The Olympic Torch Relay will pass through Hammersmith & Fulham on Thursday 26th July. The Torch will travel in a police convoy with rolling road closures. No large-scale road closures will be in effect in Hammersmith & Fulham, 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 Earl's Court is located on the boundary of the London boroughs of Hammersmith & Fulham and Kensington & Chelsea. Earl's Court will host the Olympic volleyball events from Saturday 28th July to Sunday 12th August, with the women's final taking place on Saturday 11th August, and the men's final taking place on Sunday 12th August.
- 2.9 There will also be a number of road events taking place in Central London which will have some direct impacts on transport in Hammersmith & Fulham, either because the road route itself passes through the borough, or because spectator travel to a road event in a Central London location nearby will have wider congestion impacts that extend into Hammersmith & Fulham. The relevant Olympic and Paralympic road events are as follows:
 - Cycle road race the route passes through Fulham as the race leaves Central London on the way to the Box Hill circuit in Surrey, then again as the race returns through London before the finish on The Mall. The men's event takes place on Saturday 28th July, and the women's race takes place on Sunday 29th July.
 - I Triathlon the cycling sections of the race will take place on roads in Central London. The women's event takes place on Saturday 4th August, and the men's event takes place on Tuesday 7th August.
 - Marathon the Olympic and Paralympic marathons will take place on a road circuit through Central London, starting and finishing on The Mall. The women's Olympic marathon will take place on Sunday 5th August, and the men's race takes place on Sunday 12th August. The Paralympic marathons will take place on Sunday 9th September.
 - Race walks the Olympic race walk events will take place on roads in Central London. The men's 20km race walk takes place on Saturday 4th August, and the 50km men's event takes place on Saturday 1th August. The women's 20km race walk takes place on Saturday 11th August.
- 2.10 On days that events take place at Earl's Court and road events take place in Central London, Hammersmith & Fulham is likely to be much busier than usual as spectators travel to and from the venues, or as traffic diverts to avoid road closures or restrictions.

Calendar of Events

2.11 The Games time events and special arrangements that are likely to have some impact on travel into, around and out of Hammersmith & Fulham are shown in the calendars that follow.

FIGURE 2.1 OLYMPIC EVENTS AND SPECIAL ARRANGEMENTS AROUND HAMMERSMITH & FULHAM - 23RD JULY - 12TH AUGUST

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	23	24	25	26	27	28	29
			ORN in operation	ORN in operation	ORN in operation	ORN in operation	ORN in operation
				Olympic Torch Relay through Hammersmith & Fulham	Olympic Games opening ceremony	09:30-23:00 Volleyball events at Earl's Court 10:00-16:15 Cycling road event in central and	08:30-23:00 Badminton events at Wembley Arena 09:30-23:30 Volleyball
						south west London	events at Earl's Court
July							12:00-16:15 Cycling road event in central and south west London
	30	31	1	2	3	4	5
	ORN in operation	ORN in operation	ORN in operation	ORN in operation	ORN in operation	ORN in operation	ORN in operation
	· ·	·		'	·		•
	09:30-23:30 Volleyball events at Earl's Court	09:30-23:30 Volleyball events at Earl's Court	09:30-23:30 Volleyball events at Earl's Court	09:30-23:30 Volleyball events at Earl's Court			
	CYCHO de Lair 9 coure	ereno de Edit 7 codic	events at East 7 court	evenile de Edit y courc	evenio de Edit 7 codic	09:00-11:00 Triathlon in central London	11:00-14:00 Marathon in central London
						17:00-19:00 20km Race walk in central London	
	6	7	8	9	10	11	12
	ORN in operation	ORN in operation	ORN in operation	ORN in operation	ORN in operation	ORN in operation	ORN in operation
ıst	09:30-23:30 Volleyball	13:00-22:30 Volleyball events at Earl's Court	14:00-23:00 Volleyball events at Earl's Court	15:00-21:00 Volleyball events at Earl's Court	15:00-21:00 Volleyball events at Earl's Court	11:30-20:40 Volleyball events at Earl's Court	09:30-15:10 Volleyball events at Earl's Court
August		11:00-14:00 Triathlon in central London				09:00-13:00 50km Race walk in central London	11:00-14:00 Marathon in central London
						17:00-19:00 20km Race walk in central London	Olympic Games closing ceremony

FIGURE 2.2 PARALYMPIC EVENTS AND SPECIAL ARRANGEMENTS AROUND HAMMERSMITH & FULHAM - 27TH AUGUST-9TH SEPTEMBER

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	27	28	29	30	31	1	2
Aug/Sept			PRN in operation Paralympic Games opening ceremony	PRN in operation	PRN in operation	PRN in operation	PRN in operation
	3	4	5	6	7	8	9
September	PRN in operation	PRN in operation	PRN in operation	PRN in operation	PRN in operation	PRN in operation	PRN in operation 08:00-14:00 Marathon in central London Paralympic Games closing ceremony

3 Travelling in and Around Hammersmith and Fulham During the Games

3.1 The additional demand on the transport network created by Games related journeys will present significant challenges for London. In Hammersmith & Fulham, journeys will be affected by events taking place at Earl's Court, and by various road events passing through the borough or areas close by. 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 and PRN will be in effect in Hammersmith & Fulham to provide safe, secure and efficient access for key Games participants.
- The ORN and PRN will be operational in Hammersmith and Fulham on the A4 to provide access from Central London to the Earl's Court venue, and from Central London to Eton Dorney (Buckinghamshire), and the ORN will be operational on the A40 to facilitate access from Central London to Wembley Stadium and Wembley Arena, where the football, badminton and rhythmic gymnastics events are taking place. Maps showing the detail of the changes to the road network in Hammersmith & Fulham are presented in Figure 3.1, Figure 3.2 and Figure 3.3.
- 3.4 The specific changes on the A4 as a result of ORN and PRN operations are as follows:
 - I Games Lanes will be operational westbound and eastbound on Great West Road, the Hammersmith Flyover and Talgarth Road. Games Lanes will be closed to general traffic and will be reserved for use by accredited Games vehicles only between 6am and 8pm. There will be penalties for vehicles that use the Games Lanes during operational hours.
 - I The footway loading bay outside the London Academy of Music and Drama will have altered restrictions: it will be amended to 'No stopping at any time except 8pm-6am loading max 20 mins'; and
 - I The pedestrian crossing on Talgarth Road at the junction of Gliddon Road will be suspended.
- 3.5 The ORN will also operate on the A40 (Westway) for the duration of the Olympic Games only. The changes to normal operations are:
 - I Games Lanes will be operational westbound and eastbound on Westway from 6am to midnight. The Games Lanes will be closed to general traffic and will be reserved for use by accredited Games vehicles only during the operational hours.

FIGURE 3.1 OLYMPIC AND PARALYMPIC ROUTE NETWORK - HOUNSLOW AND HAMMERSMITH & FULHAM, A4 GREAT WEST ROAD AND TALGARTH ROAD

Hounslow and Hammersmith & Fulham

A4 Hogarth Roundabout to Talgarth Road (Map 2)

Information shown is correct as at January 2012. It is an artist's impression of the detailed designs which are available to view on titl.gov.uk/orn

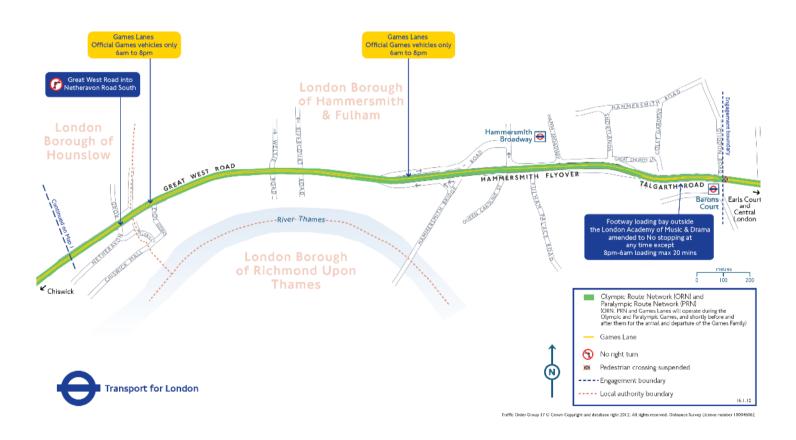
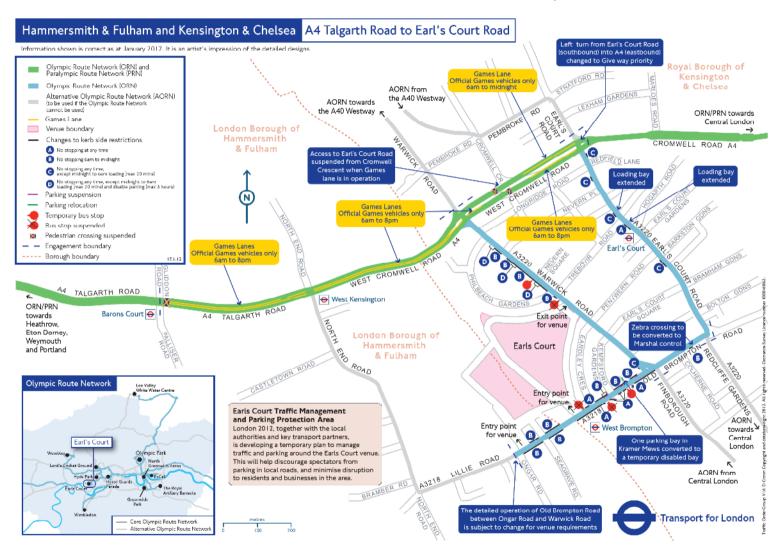


FIGURE 3.2 OLYMPIC AND PARALYMPIC ROUTE NETWORK - HAMMERSMITH & FULHAM, A4 TALGARTH ROAD AND WEST CROMWELL ROAD



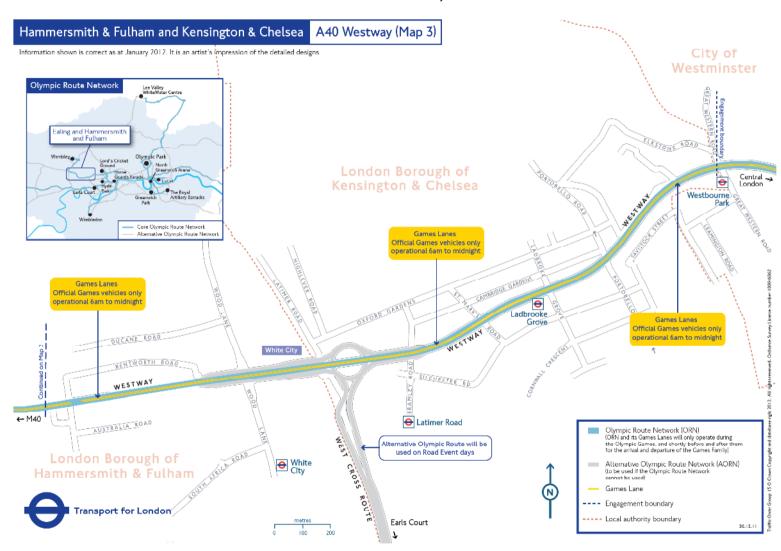


FIGURE 3.3 OLYMPIC ROUTE NETWORK - HAMMERSMITH & FULHAM, A40 WESTWAY

- 3.6 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 Hammersmith & Fulham will be very busy for the duration of the Games, particularly in the area around Earl's Court. The Earl's Court area will be particularly busy during the morning and evening peaks, but also when sessions start and finish at the venue: 7-9.30am, 1-2.30pm, 6.15-8pm, 11pm-12.30am.
- 3.7 Those using the road network in the borough should expect delays to their journeys. Figure 3.4 below shows the predicted impact of the Games on the road network for an example day (Monday 30th July).

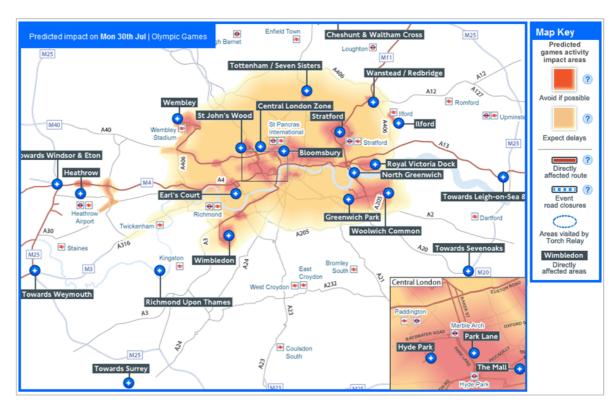


FIGURE 3.4 PREDICTED IMPACT OF THE GAMES ON THE ROAD NETWORK

3.8 The worst affected days on the wider road network in Greater London and in Hammersmith & Fulham specifically will be on Saturday 28th July and Sunday 29th July when the cycling road events take place. The route extends from Central London, through Fulham to the south west of London and 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. The predicted impacts and hotspot areas are shown in Figure 3.5.

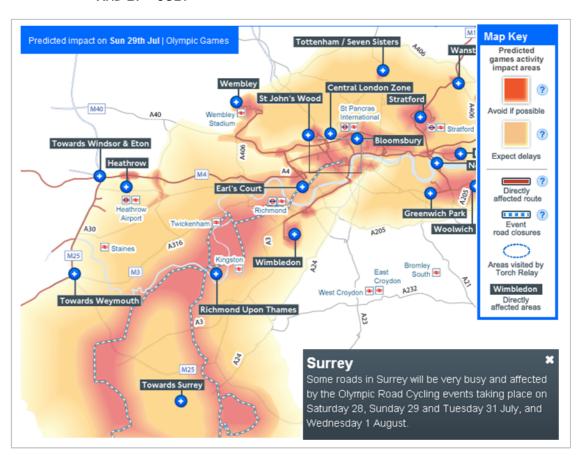


FIGURE 3.5 PREDICTED IMPACTS OF THE CYCLING ROAD EVENTS, SATURDAY 28TH AND 29TH JULY

Freight Movements

3.9 The movement of freight by road will be subject to the same impacts as those experienced by usual traffic on the road network in Hammersmith & Fulham. 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.

Traffic Management Measures Around Earl's Court

- 3.10 A temporary traffic management plan has been developed to provide a safe and secure environment around the Earl's Court venue during the competition events. The detail of the temporary measures, including the closure of Lillie Road (eastbound) from 6ammidnight between Saturday 28th July and Sunday 12th August can be accessed at https://www.london2012.com/local-residents/local-access-and-parking-plans/site=Earl's-court-1252518/.
- 3.11 The measures will be put in place to discourage spectators from driving to Earl's Court, and to protect access and parking for local residents and businesses.

Using Public Transport

3.12 Journeys in Hammersmith & Fulham will be affected by the Games, with some routes and lines expected to be exceptionally busy at times.

Bus

- 3.13 The majority of bus services will operate as normal in Hammersmith & Fulham, with some enhancements to service capacities and frequencies to cater for additional demand. However, there may be some delays due to the increase in traffic volumes on event days, and some routes will be altered to reflect the traffic management measures around Earl's Court. Specific changes to routes and frequencies are as follows:
 - Route 10, King's Cross to Hammersmith: increased frequency on this route.
 - Route 11, Fulham Broadway to Liverpool Street: the service will terminate in the Seagrave Road Games Family parking area in the evenings and on Sundays. First and last stops will be on Lillie Road.
 - Route 14, Putney Heath to Warren Street: increased frequency on this route.
 - Routes 74 and N74, Baker Street to Putney/Roehampton: additional buses will run between West Brompton (Seagrave Road car park) and Marble Arch to cater for demand to and from Earl's Court.
 - Route 148, Camberwell Green to White City: increased frequency on this route to cater for demand in the Victoria and Hyde Park areas.
 - Route 190, Richmond to West Brompton: service converted to double-deck. Additional buses will run between Hammersmith Bus Station and West Brompton. The Empress State Building stand will be withdrawn during the Games.
- 3.14 Figure 3.6 shows the changes to bus service routing and stands in the Earl's Court area.



FIGURE 3.6 BUS SERVICE ALTERATIONS AROUND EARL'S COURT

London Underground

3.15 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.

District Line

- 3.16 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. The section of District line from South Kensington to Southfields (through Hammersmith & Fulham) has been identified as one of the busiest sections of the line, and it will be most affected on weekdays during the morning peak, and in varying evening peaks according to the competition schedules at Earl's Court and Wimbledon.
- 3.17 At busy times passengers will be advised to avoid changing lines at Earl's Court and West Brompton.

Circle Line

- 3.18 The Circle line will be busier than usual throughout the Olympic and Paralympic Games but the section of line through Hammersmith & Fulham has not been identified as one of the busiest sections.
- 3.19 The busiest section will be from Liverpool Street to Baker Street, during weekday morning and evening peaks.

Piccadilly Line

- 3.20 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. Earl's Court and Green Park Underground stations will be exceptionally busy at certain times throughout the Olympic Games as they are key access points for events in Hyde Park, Earl's Court and other Central London Games venues. The busiest section of the line will be from Earl's Court to King's Cross, and it will be most affected during the Olympic Games on weekdays between 8-9.30am and 4.30-7.30pm.
- Passengers are advised to complete their travel either before 8am or after 9.30am, or before 4.30pm or after 7.30pm on weekdays.

Hammersmith and City Line

3.22 The Hammersmith and City line will be used by spectators travelling from Liverpool Street to West Ham, and therefore Hammersmith & Fulham sections of the line will be less affected. The line will be busier than usual throughout the Olympic and Paralympic Games, but not as busy as other lines.

Central Line

3.23 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.

- 3.24 The sections of the Central line that pass through Hammersmith & Fulham are outside of the busiest section from Marble Arch to Stratford, however it is still expected that this section of line will be busier than usual. The line will be most affected on weekdays between 7-9.30am and 4-7.30pm, and 10pm until last train. The Central line will be busy for the duration of the Olympic and Paralympic Games.
- 3.25 If possible, passengers who use the Central line are advised to complete their travel outside of the AM and PM peaks.

London Overground

- 3.26 London Overground serves Games venues at Stratford, West Brompton (for Earl's Court) and Wembley Central. Trains which are already busy during peak periods between Clapham Junction and Shepherd's Bush (the section of line that serves Hammersmith & Fulham), and between Highbury and Islington and Stratford, will be even busier during the Games. The line will be most affected on weekdays between 8-11am, and 10pm until last train.
- 3.27 Passengers who use London Overground services are advised to travel either before 8am or after 11am, or before 4pm or after 8pm on weekdays.

National Rail

- 3.28 The National Rail line serving West Brompton, Imperial Wharf, Kensington (Olympia) and Shepherd's Bush will be busier than usual, with spectators using the line to access Earl's Court via West Brompton.
- 3.29 West Brompton station will be exceptionally busy throughout the Olympic Games. It will be busiest between 9am-2pm and 5-8.30pm from Saturday 28th July to Monday 6th August.

Busy Stations in Hammersmith & Fulham

Shepherd's Bush

3.30 Shepherd's Bush station is served by the Central line and London Overground services and is expected to be busier than usual in the evening peak between 5-6.30pm throughout the Olympic Games. At these times passengers may have to wait between 15 and 30 minutes to board a service.

Kensington (Olympia)

3.31 Kensington Olympia station will be exceptionally busy in the evening peak throughout the Olympic Games with spectators travelling to and from West Brompton for Earl's Court. The station is expected to be busiest between 5-8pm throughout the Olympic Games, and during the busiest periods passengers may have to wait longer than 30 minutes to board a service.

Earl's Court

- 3.32 Earl's Court station will be exceptionally throughout the Olympic Games as spectators pass through this station on their way to and from volleyball events at Earl's Court. It will be busiest from midday, and in the early and late evening from Saturday 28th July to Sunday 12th August.
- 3.33 To ensure that the station does not become overcrowded, there will be a one-way system in operation at Earl's Court during 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.
- 3.34 Between 10.30am and 11.30am on 30th, 31st July and 1st August passengers may have to wait between 15 and 30 minutes to board a District line service.

West Brompton

- 3.35 West Brompton station (London Overground and District line) will be exceptionally busy throughout the Olympic Games due to events at Earl's Court. It will be busiest between 9am-2pm and 5-8.30pm from Saturday 28th July to Monday 6th August.
- For passengers trying to access District line services from this station during the busiest periods, there may be delays of over 30 minutes to board a train.

Fulham Broadway

- 3.37 Fulham Broadway station (and the District line services passing through it) will be busier than usual during the Olympic Games with spectators travelling to events at Earl's Court and Wimbledon.
- 3.38 The station is expected to be busiest between 7-10am and 7-9.30pm from Monday 30th July to Monday 6th August. During these times passengers may have to wait over 30 minutes to board a service.

Imperial Wharf

3.39 Imperial Wharf station will be exceptionally busy between 12.30-4pm at weekends during the Olympic Games and 8-10am and 6-9.30pm on weekdays from Monday 30th July to Monday 6th August. During the busiest periods passengers may have to wait over 30 minutes to board a service.

Parsons Green and Putney Bridge

- 3.40 District line services operating through these stations will be busier than usual with spectators travelling to events at Wimbledon and Earl's Court.
- 3.41 Parsons Green station will be busier than usual between 7-9am and 7-9.30pm during the Olympic Games form Monday 30th July to Monday 6th August, with delays of up to 30 minutes to board a service during the busiest periods.
- 3.42 Putney Bridge station will be busier than usual during the Olympic Games in the morning peak, and will be exceptionally busy between 7-10pm from Saturday 28th July to Sunday 5th August. During the busiest periods passengers may have to wait longer than 30 minutes to board a service.

Travelling through Central London

3.43 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 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 Hammersmith & Fulham and throughout London during the Games, disruption can be avoided by implemented the 'four Rs':
 - Reducing the need to travel;
 - **I Retiming** journeys to avoid peak times and restrictions;
 - I Rerouting journeys; or
 - I 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.
- 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

Project/Proposal Name Olympic and Paralympic Games Transport and Travel

Impacts

Document Title Hammersmith & Fulham

Client Contract/Project No. Click here to enter text.

SDG Project/Proposal No. 22477401

ISSUE HISTORY

Issue No. Date Details

1 01/05/2012 Draft for Client Review

2 13/06/2012 Final Version

REVIEW

Originator Fiona Jenkins

Other Contributors

Review by: Print Lisa Buchanan

Sign

DISTRIBUTION

Client: WestTrans

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