53 to 55 Chalton Street London NW1 1HY

**Transport Statement** 

Proposed Redevelopment for Hotel Use

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## 1 Introduction

### 1.1 Context

- 1.1.1 RJT Consulting has been instructed to provide transport planning advice in connection with the redevelopment of 53 to 55 Chalton Street, located in Somertown, London. An existing site layout plan is attached at *Appendix A*, which shows that the development site also has a frontage onto Churchway/Doric Street to the west.
- 1.1.2 The site currently consists of three dwellings, one 2-bed flat and two 3-bed maisonettes. These sit above a NISA convenience store located at the ground level of 396m² below which lies a basement currently used as ancillary storage / offices of 313m².

### 1.2 Existing Uses

- 1.2.1 The NISA convenience store component of the development site has its main entrance onto Chalton Street. Servicing vehicles for the convenience store either park on-street along Chalton Street with goods taken through the main store entrance; or use the rear access onto Churchway.
- 1.2.2 The residential and office components of development site gain access via Churchway.
- 1.2.3 The development site's current uses do not provide any on-site cycle parking.

### 1.3 Proposed Uses

- 1.3.1 The development proposals comprise of a 56 bedroom hotel (1,551m²). Although this scale of development does not meet the local development plan threshold requiring accommodation for service vehicles, coaches or taxis within the demise of the development land, Chalton Street does have space on-street for a small to medium sized coach (size restricted due to width restrictions at Euston Road), and can also easily accommodate taxis for pick up / drop off.
- 1.3.2 The development proposals do not include any cycle parking on site but the intention is to agree with the local highway authority suitable areas to provide either additional or replacement on-street cycle parking stands. According to the standards the required cycle parking is 3 spaces for staff and 3 spaces for customers/guests; so a total of 6 cycle parking spaces or 3 Camden stands.
- 1.3.3 The transport characteristics of the proposed development can be summarised as follows:
  - Pedestrian access via two entrances; one onto Chalton Street and the other onto Churchway with internal lifts and stairs;
  - Servicing vehicles using either Chalton Street or Churchway; and
  - Car free development.
- 1.3.4 This Transport Statement summarises the most relevant aspects of the local development plan, and describes the site's accessibility to the main transport modes, local facilities and attractions. This description is followed by an assessment of the existing uses trip generation; followed by an assessment of the proposed hotel use potential trip generation. A Travel Plan Strategy is then outlined, with conclusions presented thereafter.

## 1.4 Transport Policy

- 1.4.1 As previously mentioned although Camden Development Policies DP14 and DP16 require developments to provide any necessary off-highway pickup and set down points for taxis and coaches, Appendix 2 sets outs the thresholds for developments having to provide such facilities on-site. The threshold being 2,500m², which is greater than the proposed development at 1,551m².
- 1.4.2 However, Appendix 1 of the local authority's Development Policies does require a transport assessment for hotel with 50 or more beds (1,000 sq m), which covers the proposed development, and that assessment is described within this report.
- 1.4.3 DP18 describes the local authority's parking standards which are set out at Appendix 2 and are summarised below for hotels:

C1 – Hotels								
Cycles	Staff – from threshold of 500 sq m, 1 space per 500 sq m or part thereof.							
	Customer – from threshold of 500 sq m, 1 space per 500 sq m or part thereof.							
People with	Staff/ operational – 1 space per disabled employee or, from a threshold of 2,500 sq m,							
disabilities	1 space per 20,000 sq m or part thereof – whichever is the greater.							
	Customer – from threshold of 2,500 sq m, 1 space per 1,250 sq m or part thereof.							
Service vehicles	Required above 2,500 sq m - one 3.5m x 8.5m bay.							
Coaches	Above 2,500 sq m – the Transport Assessment required under policy T1B / Appendix							
	2 will be required to consider the need for space for coaches to pick-up/ set-down							
	and wait.							
Taxis	Pick-up/set-down bay adequate for 2 required above 2,500 sq m, with any departure							
	justified by a Transport Assessment.							
Other staff	Low parking provision areas: maximum of 1 space per 1,500 sq m							
operational parking	Rest of borough: maximum of 1 space per 1,000 sq m							
Other resident	Only considered if supported by a Transport Assessment (or supporting information as							
parking	appropriate for smaller schemes) showing that existing spaces, public transport and							
	coaches/ taxis cannot cater for the expected travel demand, and a Travel Plan can be							
	secured.							

## 2 Accessibility

### 2.1 Transport

### 2.1.1 Roads

- 2.1.2 The development site fronts Chalton Street, an local road with typical urban road characteristics two lane single carriageway, street lighting, waiting and loading restrictions; but does have a 20mph speed limit and relatively wide footways.
- 2.1.3 Chalton Road connects with the A501 Euston Road to the south, and the A400 to the north (via a number of roads). Using the A400 the development site is accessible to the A1 and A41 and from those roads to the A406 and to the M25 beyond.
- 2.1.4 On street car parking and loading is controlled in the area throughout the day with waiting and loading restrictions along Chalton Street and Doric Street/Churchway; and Controlled Parking Zones operating in the surrounding residential streets with some short term visitor parking but mainly residential permit parking.

### 2.1.5 Public Transport

2.1.6 The development site has a PTAL level of 6b – excellent (*Appendix C*) measured from its frontage with Chalton Street. The development site is within easy walking and/or cycling distance of a number of railway stations, Underground stations, and bus stops.

### 2.1.6.1 Trains

2.1.7 The site lies within 7 minutes' walk of Euston, and 8 minutes' walk of King's Cross & St Pancras stations. These stations provide access to International and domestic train services, either directly or through easy connections, to many parts of the UK and beyond.

### 2.1.7.1 London Underground

- 2.1.8 The site lies within 7 minutes' walk of Euston Station, 8 minutes' walk of King's Cross & St Pancras stations, 10 minutes' walk of Euston Square, and 11 minutes' walk of Russell Square. These stations provide access to the Northern Line, Victoria Line, Metropolitan Line, Circle Line, Hammersmith & City Line, and Piccadilly Line; which in turn provide easy access to the whole London Undergound system.
- 2.1.9 Appendix D contains the London's Rail and Tube Service Map.

#### 2.1.9.1 Buses

- 2.1.10 There are numerous bus stops (with shelters) located within 3 minutes' to 8 minutes' walk of the development site along Euston Road, Upper Woburn Place, Midland Road, Eversholt Street, St Pancras Road, Euston Road; and King's Cross, St Pancras & Euston stations. Daily bus (and 24 hour) services include the following:
  - 10 St Pancras to Hammersmith 24 hour service

- 18 (N18) Euston Station to Sudbury & Harrow Road Station (continues to Trafalgar Square and Harrow Weald)
- 30 Marble Arch (via Euston Station) to Hackney Wick
- 45 King's Cross to Clapham Park
- 46 Lancaster Gate (via St Pancras) to St Bartholomew's Hospital
- 59 King's Cross to Streatham Hill
- 63 (N63) King's Cross to Honor Oak (continues to Crystal Palace)
- 68 (N68) Euston to West Norwood Station (Tottenham Court Road Station to Old Coulsdon)
- 73 (N73) Victoria (via Euston Station) to Stoke Newington (continues to Walthamstow Central Bus Station)
- 91 (N91) Trafalgar Square (via Euston Station) to Crouch End (continues to Cockfosters)
- 168 Old Kent Road to Hampstead Heath
- 205 (N205) Paddington Station (via Euston Station) to Bow Church (continues to Leyton Drapers Field)
- 214 Morgate (via King's Cross) to Highgate Village 24 hour service
- 253 (N253) Euston Station to Hackney Central (Tottenham Court Road to Aldgate)
- 390 Notting Hill Gate (via St Pancras) to Archway Station 24 hour service
- 476 Euston Station to Northumberland Park
- 2.1.11 Appendix E contains the Central London Bus Route Plan with full timetable details available on TfL's website.
- 2.1.12 Please note that the route maps and details contained in this report are correct at the time of drafting, and are subject to regular review and change by TfL.

### 2.1.13 Walking & Cycling

- 2.1.14 The development site is easily accessible by cycle and on-foot. Although Camden is a busy borough there are relatively wide footways and other pedestrian thoroughfares in the vicinity of the development site connecting the site to many local facilities.
- 2.1.15 There are no designated formal cycle lanes in the immediate vicinity of the development site but there are intermittent cycle lanes in the area and where the road width allows, cyclists can use the designated bus lanes.
- 2.1.16 The surrounding residential roads carry significant less traffic than Euston Road and are well suited for cyclists although on-street parking does restrict the carriageway width.
- 2.1.17 These cycle routes are complemented by a number of cycle stands located on the wider footways to accommodate the current demand.

### 2.2 Local Facilities & Attractions

- 2.2.1 Being located within Somertown the development site has easy and ready connections on foot to attractions such as:
  - Madame Tussauds;
  - London Zoo;

- Regent's Park;
- British Library; and
- University of London.
- 2.2.2 Or via a short cycle or bus ride to attractions such as:
  - Camden Town markets;
  - Regent's Canal; and
  - The British Museum.
- 2.2.3 Or via the Underground to attractions such as:
  - Oxford Street, Leicester Square, Piccadilly Circus shopping districts;
  - Covent Garden including many theatres;
  - Downing Street, Whitehall, Houses of Parliament;
  - Westminster Abbey, St Paul's, Buckingham Palace;
  - St James's Park, Hyde Park, Green Park;
  - The City of London , Tower Bridge, Tower of London; and
  - The Shard, London Eye, and London Aquarium.
- 2.2.4 Taking into account the wide variety of local facilities and the area's excellent connections to central London visitors are highly provided for without having to use private cars.

## 3 Trip Assessment

- 3.1.1 First principles and observations have been used to determine the expectant number of trips for the existing/extant uses and proposed development, based on gross floor areas / number of residential units; and hotel bedrooms. This approach is considered to be more robust than using the TRICS database which has very few if any comparable sites.
- 3.1.2 To keep matters relatively simple, it has been assumed the weekend peak trip generation for all uses will be similar to the weekday peaks, albeit at different times.

## 3.2 Existing / Extant Building Use

- 3.2.1 Generally, local convenience stores attract the majority of their trips from the surrounding area, and any vehicle borne trade tends to be from passing traffic.
- 3.2.2 In the case of the NISA store observations suggest that the store attracts approximately 300 customers during the morning peak (8am to 9am) and evening peak (5pm to 6pm). For a store area of 396m<sup>2</sup> this equates to a peak hour trip rate of approximately 75 trips per 100m<sup>2</sup>, which seems reasonable for the type of convenience store which sells a variety of everyday needs.
- 3.2.3 The offices in the basement cover an area of 313m² and can accommodate approximately 30 people based on a ratio of 1 person per 10.2m². These people are likely to generate in the region of 15 trips in any peak hour assuming two hour peak periods in the morning and evening.
- 3.2.4 The number of existing residential units consists of three dwellings, one 3-bed flat and two 3-bed maisonettes. These are likely to generate approximately 9 trips in the peak hours, assuming two hour peak periods in the morning and evening.

### 3.3 Proposed Hotel Use

- 3.3.1 The proposal consists of 56 bedrooms:
  - Singles 10 bedrooms
  - Doubles 20 bedrooms
  - Twin 4 bedrooms
  - Triples 13 bedrooms
  - Quadruples 9 bedrooms
- 3.3.2 The 56 bedrooms can therefore accommodate 133 people. As a consequence the peak trip generation is likely to be in the region of 65 departures in the morning and 65 arrivals late afternoon; this assumes a two hour peak period.

### 3.4 Previous Use v Permitted Use v Proposed Use

- 3.4.1 A comparison of the existing and proposed shows that at peak times the hotel will generate less than the current uses, 65 peak hour trips as against the existing/extant uses with circa. 100 peak hour trips.
- 3.4.2 Further, the convenience store has a far greater potential to attract car borne trade than the proposed hotel use, and is therefore the proposals likely to have a beneficial effect on the public highway.

### 4 Travel Plan Statement

- 4.1.1 TfL guidance on travel plans is that for hotels consisting of less than 100 beds a Travel Plan Statement is required. The proposed development will comprise of 56 bedrooms with approximately 133 beds depending on the make-up of the triple and quadruple person bedrooms (i.e. the composition of double and single beds).
- 4.1.2 Therefore this section provides such a short statement setting out positive measures promoting sustainable transport.
- 4.1.3 Being an application for a hotel with 56 bedrooms in an urban area, very close to trains, buses and many local facilities, the following travel planning initiatives are to be provided:
  - Safe and secure cycle parking in the local area (location to be with the local highway authority);
  - No on-site car parking thereby discouraging car use;
  - The provision of the train and bus information within each bedroom; and
  - The provision of locally available cycling and walking maps within each bedroom.
- 4.1.4 The development site is located in an area with on-street parking controls and by not providing any on-site car parking it's considered that future employees and guests are unlikely to travel by private car to / from the hotel, and as such the proposals appropriately align with policy and will assist in providing a sustainable development.
- 4.1.5 It is intended that a planning permission condition (or obligation) will be agreed to maintain the number of cycle parking spaces that are available to future employees and guests at all times.

4.1.6 These hard and soft measures in association with the site's highly accessible location should result in a very sustainable development.

## 5 Conclusions

- 5.1.1 This Transport Statement has shown that the proposed hotel development has:
  - Good access to all main modes of transport;
  - Will have an enhanced level of easily accessible cycle parking;
  - Purposely not provided car parking spaces; and is
  - Well located for local attractions.
- 5.1.2 In terms of trip generation the proposed hotel use will generate a lower number of trips compared to the existing/extant uses. It is considered that the overall number of car trips which may be generated by the proposed hotel will be very low compared to the existing/extant uses which will be beneficial to the local road network.
- 5.1.3 Overall, it is considered that the site has a good level of transport sustainability, and that there are no reasons why the proposed development should not be permitted on transport grounds.

## **Appendices**

Appendix A – Existing Site Layout

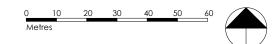
Appendix B – Proposed Development

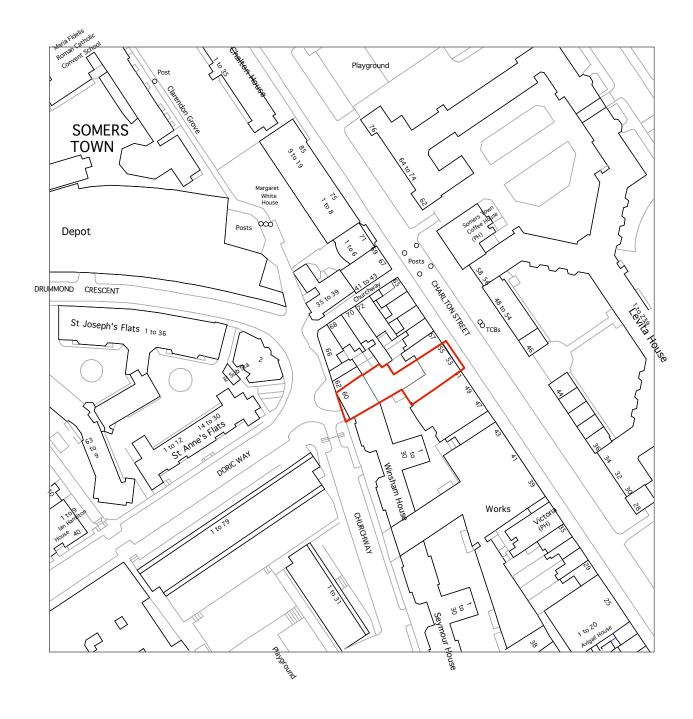
Appendix C – PTAL Calculations

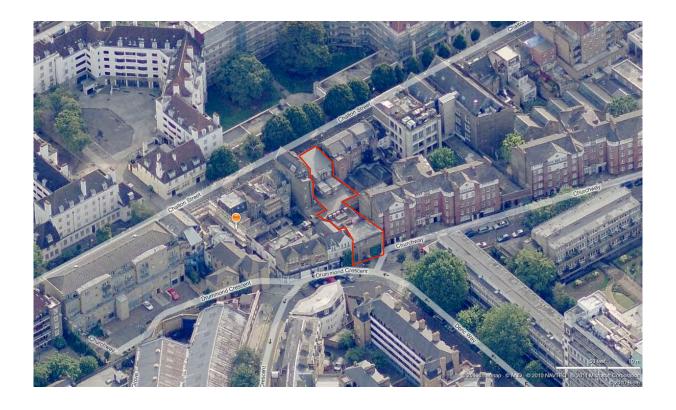
Appendix D – London's Rail and Tube Services Map

Appendix E – Central London Bus Route Map

Appendix A – Existing Site Layout











notes

Rangepay Ltd

53-55 Chalton Street NW1 1HY and 60 Churchway NW1 1LT status Planning Application-August 2015

Diawing .

Location - OS Map

Project Number | Drawing Ref 1103 | 010

Revision -

| Scale | Page size | | 1:1250 | | A3

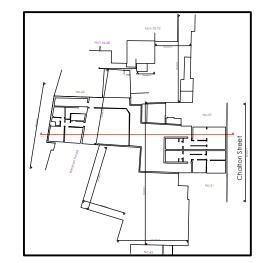


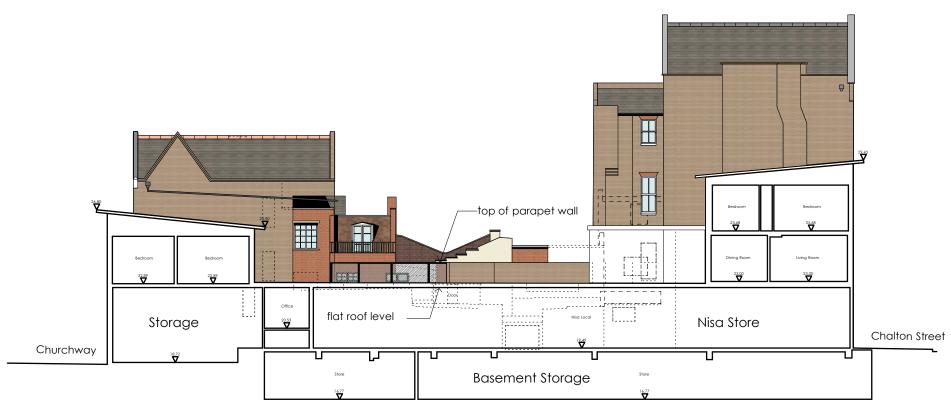












Datum 15.00m

Existing Section A-A





Appendix B – Proposed Development







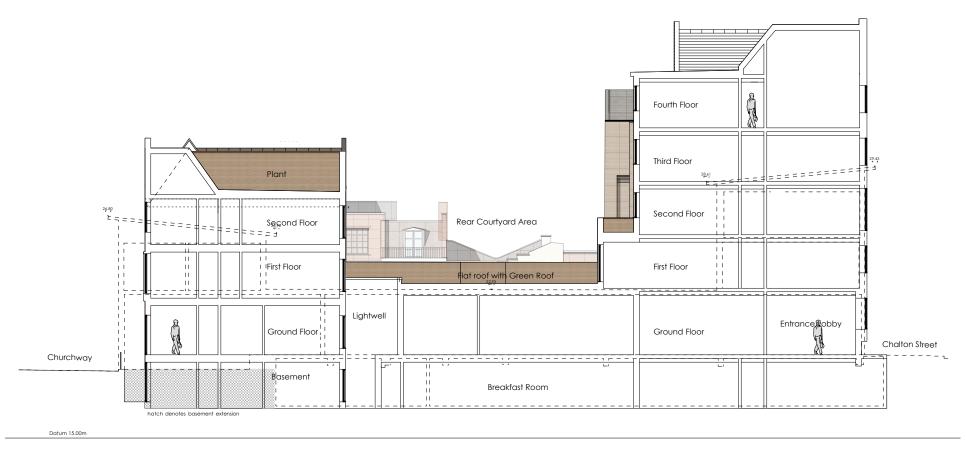












Proposed Section A-A



client	Rangepay Ltd.



Proposed Section A-A								
Project Number	Drawing Ref	Revision						

Planning Application - August 2015	
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## **Appendix C – PTAL Calculation**

## **PTAI Study Report File Details**

Date 10/02/2015 07:18

Day of week M-F

Time period AM peak

Walk speed 4.8 kph

Walk file PLSQLTest

POI Name: 529782, 182833

## **Bus Services**

Reliability factor for this mode is 2
Maximum walk time for this mode is 8 minutes
Maximum walk distance for this mode is 640.0 metres

#### Stop EUSTON BUS STATION

Walk time to stop from POI is 6.69 minutes

Walk distance to stop from POI is 535.41 metres

Route 73 Direction OUT Frequency 18.0 giving AWT of 1.67 minutes

Route 476 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes

Route 476 Direction BACK Frequency 7.5 giving AWT of 4.0 minutes

Route 59 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes

Route 59 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Route 10 Direction OUT Frequency 10.0 giving AWT of 3.0 minutes

Route 18 Direction BACK Frequency 20.0 giving AWT of 1.5 minutes

Route 18 Direction OUT Frequency 20.0 giving AWT of 1.5 minutes

Route 253 Direction BACK Frequency 12.0 giving AWT of 2.5 minutes

Route 253 Direction OUT Frequency 12.0 giving AWT of 2.5 minutes

Route 30 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes

Route 68 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Route 68 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes

Route 91 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes

Route 91 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes

Route 390 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes

Route 205 Direction OUT Frequency 8.0 giving AWT of 3.75 minutes

Stop UPPER WOBURN PLACE

Walk time to stop from POI is 5.15 minutes

Walk distance to stop from POI is 411.81 metres

- Route 59 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes
- Route 59 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 68 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 68 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes
- Route 91 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes
- Route 91 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes
- Route 91 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 91 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 168 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 168 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes

#### Stop EUSTON STN EVERSHOLT ST

Walk time to stop from POI is 6.93 minutes

Walk distance to stop from POI is 554.39 metres

- Route 253 Direction OUT Frequency 12.0 giving AWT of 2.5 minutes
- Route 253 Direction BACK Frequency 12.0 giving AWT of 2.5 minutes
- Route 168 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 168 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes Stop EUSTON STATION EUSTON RD

Walk time to stop from POI is 6.11 minutes

Walk distance to stop from POI is 488.46 metres

- Route 73 Direction BACK Frequency 18.0 giving AWT of 1.67 minutes
- Route 73 Direction OUT Frequency 18.0 giving AWT of 1.67 minutes
- Route 10 Direction BACK Frequency 10.0 giving AWT of 3.0 minutes
- Route 18 Direction BACK Frequency 20.0 giving AWT of 1.5 minutes
- Route 30 Direction BACK Frequency 7.5 giving AWT of 4.0 minutes
- Route 390 Direction OUT Frequency 8.0 giving AWT of 3.75 minutes
- Route 205 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes Stop KINGS CROSS ST PANCRAS

Sup Kinds Cross ST TANCRAS

Walk time to stop from POI is 7.31 minutes

Walk distance to stop from POI is 584.89 metres

- Route 73 Direction BACK Frequency 18.0 giving AWT of 1.67 minutes
- Route 73 Direction OUT Frequency 18.0 giving AWT of 1.67 minutes
- Route 46 Direction OUT Frequency 6.0 giving AWT of 5.0 minutes
- Route 476 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes
- Route 476 Direction BACK Frequency 7.5 giving AWT of 4.0 minutes
- Route 59 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes
- Route 59 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 10 Direction OUT Frequency 10.0 giving AWT of 3.0 minutes
- Route 10 Direction BACK Frequency 10.0 giving AWT of 3.0 minutes
- Route 45 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes
- Route 30 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes
- Route 30 Direction BACK Frequency 7.5 giving AWT of 4.0 minutes
- Route 91 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes
- Route 91 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 91 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes
- Route 91 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes
- Route 390 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes
- Route 390 Direction OUT Frequency 8.0 giving AWT of 3.75 minutes
- Route 214 Direction OUT Frequency 8.0 giving AWT of 3.75 minutes

Route 63 Direction BACK Frequency 12.0 giving AWT of 2.5 minutes

Route 63 Direction BACK Frequency 12.0 giving AWT of 2.5 minutes

Route 205 Direction OUT Frequency 8.0 giving AWT of 3.75 minutes

Route 205 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes

### Stop EUSTON R BRITISH LIBRARY

Walk time to stop from POI is 3.19 minutes

Walk distance to stop from POI is 255.34 metres

Route 73 Direction BACK Frequency 18.0 giving AWT of 1.67 minutes

Route 73 Direction OUT Frequency 18.0 giving AWT of 1.67 minutes

Route 476 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes

Route 476 Direction BACK Frequency 7.5 giving AWT of 4.0 minutes

Route 59 Direction BACK Frequency 9.0 giving AWT of 3.33 minutes

Route 59 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Route 10 Direction OUT Frequency 10.0 giving AWT of 3.0 minutes

Route 10 Direction BACK Frequency 10.0 giving AWT of 3.0 minutes

Route 30 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes

Route 30 Direction BACK Frequency 7.5 giving AWT of 4.0 minutes

Route 91 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Route 91 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes

Route 91 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes

Route 91 Direction OUT Frequency 9.0 giving AWT of 3.33 minutes

Route 390 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes

Route 390 Direction OUT Frequency 8.0 giving AWT of 3.75 minutes

Route 205 Direction OUT Frequency 8.0 giving AWT of 3.75 minutes

Route 205 Direction BACK Frequency 8.0 giving AWT of 3.75 minutes

#### Stop KINGS CROSS PANCRAS ROAD

Walk time to stop from POI is 8.0 minutes

Walk distance to stop from POI is 639.7 metres

Stop MIDLAND RD ST PANCRAS STN

Walk time to stop from POI is 6.94 minutes

Walk distance to stop from POI is 554.91 metres

Route 46 Direction OUT Frequency 6.0 giving AWT of 5.0 minutes

Route 45 Direction OUT Frequency 7.5 giving AWT of 4.0 minutes

Route 214 Direction OUT Frequency 8.0 giving AWT of 3.75 minutes

Route 63 Direction BACK Frequency 12.0 giving AWT of 2.5 minutes

Route 63 Direction BACK Frequency 12.0 giving AWT of 2.5 minutes

#### TATs for this mode

Route 73 Stop EUSTON R BRITISH LIBRARY TAT 6.86 minutes EDF 4.37

Route 476 Stop EUSTON R BRITISH LIBRARY TAT 9.19 minutes EDF 3.26

Route 59 Stop EUSTON R BRITISH LIBRARY TAT 8.53 minutes EDF 3.52

Route 10 Stop EUSTON R BRITISH LIBRARY TAT 8.19 minutes EDF 3.66

Route 18 Stop EUSTON STATION EUSTON RD TAT 9.61 minutes EDF 3.12

Route 253 Stop EUSTON BUS STATION TAT 11.19 minutes EDF 2.68

Route 30 Stop EUSTON R BRITISH LIBRARY TAT 9.19 minutes EDF 3.26

Route 68 Stop UPPER WOBURN PLACE TAT 10.48 minutes EDF 2.86

Route 91 Stop EUSTON R BRITISH LIBRARY TAT 8.53 minutes EDF 3.52

Route 390 Stop EUSTON R BRITISH LIBRARY TAT 8.94 minutes EDF 3.36

Route 205 Stop EUSTON R BRITISH LIBRARY TAT 8.94 minutes EDF 3.36

Route 168 Stop UPPER WOBURN PLACE TAT 10.48 minutes EDF 2.86 Route 46 Stop MIDLAND RD ST PANCRAS STN TAT 13.94 minutes EDF 2.15 Route 45 Stop MIDLAND RD ST PANCRAS STN TAT 12.94 minutes EDF 2.32 Route 214 Stop MIDLAND RD ST PANCRAS STN TAT 12.69 minutes EDF 2.36 Route 63 Stop MIDLAND RD ST PANCRAS STN TAT 11.44 minutes EDF 2.62

Best EDF is 4.37 Half of all other EDFs is 22.46

AI for this mode is 26.84

## **Underground Services**

Reliability factor for this mode is .75
Maximum walk time for this mode is 12 minutes
Maximum walk distance for this mode is 960.0 metres

Stop Euston

Walk time to stop from POI is 6.76 minutes

Walk distance to stop from POI is 540.79 metres

Route Northern Line Kennington to Edgware Direction N/B Frequency 5.0 giving AWT of 6.0 minutes

Route Northern Line Morden to High Barnet Direction N/B Frequency 6.3 giving AWT of 4.76 minutes

Route Northern Line Edgware to Kennington Direction S/B Frequency 1.3 giving AWT of 23.08 minutes

Route Victoria Line Seven Sisters to Brixton Direction S/B Frequency 11.7 giving AWT of 2.56 minutes

Route Victoria Line Brixton to Walthamstow Central Direction N/B Frequency 15.7 giving AWT of 1.91 minutes

Route Northern Line Kennington to Mill Hill East Direction N/B Frequency 0.3 giving AWT of 100.0 minutes

Route Northern Line Morden to Mill Hill East Direction N/B Frequency 1.0 giving AWT of 30.0 minutes

Route Northern Line Edgware to Morden Direction S/B Frequency 9.7 giving AWT of 3.09 minutes

Route Victoria Line Brixton to Seven Sisters Direction N/B Frequency 10.0 giving AWT of 3.0 minutes

Route Northern Line Morden to Edgware Direction N/B Frequency 9.7 giving AWT of 3.09 minutes

Route Northern Line High Barnet to Morden Direction S/B Frequency 9.0 giving AWT of 3.33 minutes

Route Northern Line Edgware to Morden Direction S/B Frequency 8.3 giving AWT of 3.61 minutes

Route Northern Line Kennington to High Barnet Direction N/B Frequency 4.7 giving AWT of 6.38 minutes

Route Northern Line High Barnet to Kennington Direction S/B Frequency 5.4 giving AWT of 5.56 minutes

Route Victoria Line Walthamstow Central to Brixton Direction S/B Frequency 15.0 giving AWT of 2.0 minutes

Route Northern Line Morden to High Barnet Direction N/B Frequency 3.7 giving AWT of 8.11 minutes

Route Northern Line Morden to Edgware Direction N/B Frequency 4.3 giving AWT of 6.98 minutes

Route Northern Line Mill Hill East to Morden Direction S/B Frequency 0.3 giving AWT of 100.0 minutes

Route Northern Line Morden to Mill Hill East Direction N/B Frequency 2.7 giving AWT of 11.11 minutes

Route Northern Line Mill Hill East to Kennington Direction S/B Frequency 4.3 giving AWT of 6.98 minutes

Stop Euston Square

Walk time to stop from POI is 9.55 minutes

Walk distance to stop from POI is 764.04 metres

Route Metropolitan Line Croxley to Aldgate Direction S/B Frequency 0.3 giving AWT of 100.0 minutes

Route Metropolitan Line Aldgate to Wembley Park Direction N/B Frequency 1.0 giving AWT of 30.0 minutes

Route Metropolitan Line Uxbridge to Aldgate Direction S/B Frequency 6.3 giving AWT of 4.76 minutes

Route Circle Line Hammersmith (H&C Line) to Edgware Road (Circle Line) Direction OUT Frequency 6.0 giving AWT of 5.0 minutes

Route Metropolitan Line Watford to Aldgate Direction S/B Frequency 0.7 giving AWT of 42.86 minutes

Route Metropolitan Line Amersham to Aldgate Direction S/B Frequency 3.0 giving AWT of 10.0 minutes

Route Hammersmith and City Barking to Hammersmith (H&C Line) Direction IN Frequency 6.0 giving AWT of 5.0 minutes

Route Metropolitan Line Aldgate to Amersham Direction N/B Frequency 1.3 giving AWT of 23.08 minutes

Route Metropolitan Line Aldgate to Uxbridge Direction N/B Frequency 4.0 giving AWT of 7.5 minutes

Route Metropolitan Line Aldgate to Watford Direction N/B Frequency 4.0 giving AWT of 7.5 minutes

Route Metropolitan Line Watford to Aldgate Direction S/B Frequency 2.3 giving AWT of 13.04 minutes

Route Metropolitan Line Aldgate to Watford Direction N/B Frequency 0.3 giving AWT of 100.0 minutes

Route Metropolitan Line Chesham to Aldgate Direction S/B Frequency 0.7 giving AWT of 42.86 minutes

Route Hammersmith and City Hammersmith (H&C Line) to Barking Direction OUT Frequency 6.0 giving AWT of 5.0 minutes

Route Circle Line Edgware Road (Circle Line) to Hammersmith (H&C Line) Direction IN Frequency 6.0 giving AWT of 5.0 minutes

Route Metropolitan Line Aldgate to Harrow-on-the-Hill Direction N/B Frequency 2.3 giving AWT of 13.04 minutes

### Stop Kings Cross St.Pancras

Walk time to stop from POI is 7.87 minutes

Walk distance to stop from POI is 629.47 metres

Route Piccadilly Line Arnos Grove to Ruislip Direction W/B Frequency 1.0 giving AWT of 30.0 minutes

Route Metropolitan Line Aldgate to Watford Direction N/B Frequency 0.3 giving AWT of 100.0 minutes

Route Hammersmith and City Hammersmith (H&C Line) to Barking Direction OUT Frequency 6.0 giving AWT of 5.0 minutes

Route Hammersmith and City Barking to Hammersmith (H&C Line) Direction IN Frequency 6.0 giving AWT of 5.0 minutes

Route Piccadilly Line Oakwood to Rayners Lane Direction W/B Frequency 0.7 giving AWT of 42.86 minutes

Route Metropolitan Line Aldgate to Uxbridge Direction N/B Frequency 4.0 giving AWT of 7.5 minutes

Route Metropolitan Line Aldgate to Wembley Park Direction N/B Frequency 1.0 giving AWT of 30.0 minutes

Route Metropolitan Line Aldgate to Amersham Direction N/B Frequency 1.3 giving AWT of 23.08 minutes

Route Piccadilly Line Heathrow Terminal 4 to Cockfosters Direction E/B Frequency 4.0 giving AWT of 7.5 minutes

Route Piccadilly Line Ruislip to Cockfosters Direction E/B Frequency 1.3 giving AWT of 23.08 minutes

Route Piccadilly Line Rayners Lane to Cockfosters Direction E/B Frequency 2.7 giving AWT of 11.11 minutes

Route Piccadilly Line Uxbridge to Oakwood Direction E/B Frequency 0.3 giving AWT of 100.0 minutes

Route Piccadilly Line Cockfosters to Rayners Lane Direction W/B Frequency 1.3 giving AWT of 23.08 minutes

Route Metropolitan Line Croxley to Aldgate Direction S/B Frequency 0.3 giving AWT of 100.0 minutes

Route Metropolitan Line Amersham to Aldgate Direction S/B Frequency 3.0 giving AWT of 10.0 minutes

Route Metropolitan Line Watford to Aldgate Direction S/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Ruislip to Arnos Grove Direction E/B Frequency 1.3 giving AWT of 23.08 minutes

Route Piccadilly Line Rayners Lane to Arnos Grove Direction E/B Frequency 1.3 giving AWT of 23.08 minutes

Route Piccadilly Line Northfields to Arnos Grove Direction E/B Frequency 0.7 giving AWT of 42.86 minutes

Route Victoria Line Walthamstow Central to Brixton Direction S/B Frequency 15.0 giving AWT of 2.0 minutes

Route Circle Line Hammersmith (H&C Line) to Edgware Road (Circle Line) Direction OUT Frequency 6.0 giving AWT of 5.0 minutes

Route Northern Line Morden to Mill Hill East Direction N/B Frequency 2.7 giving AWT of 11.11 minutes

Route Northern Line Edgware to Morden Direction S/B Frequency 9.7 giving AWT of 3.09 minutes

Route Circle Line Edgware Road (Circle Line) to Hammersmith (H&C Line) Direction IN Frequency 6.0 giving AWT of 5.0 minutes

Route Piccadilly Line Oakwood to Uxbridge Direction W/B Frequency 0.7 giving AWT of 42.86 minutes

Route Metropolitan Line Chesham to Aldgate Direction S/B Frequency 0.7 giving AWT of 42.86 minutes

Route Northern Line Mill Hill East to Morden Direction S/B Frequency 0.3 giving AWT of 100.0 minutes

Route Piccadilly Line Cockfosters to Heathrow Terminal 4 Direction W/B Frequency 6.0 giving AWT of 5.0 minutes

Route Victoria Line Brixton to Seven Sisters Direction N/B Frequency 10.0 giving AWT of 3.0 minutes

Route Piccadilly Line Heathrow Terminal 4 to Arnos Grove Direction E/B Frequency 2.0 giving AWT of 15.0 minutes

Route Victoria Line Seven Sisters to Brixton Direction S/B Frequency 11.7 giving AWT of 2.56 minutes Route Piccadilly Line Uxbridge to Cockfosters Direction E/B Frequency 2.7 giving AWT of 11.11 minutes Route Northern Line Morden to Edgware Direction N/B Frequency 9.7 giving AWT of 3.09 minutes Route Piccadilly Line Cockfosters to Heathrow T5 Direction W/B Frequency 6.0 giving AWT of 5.0 minutes Route Northern Line Morden to High Barnet Direction N/B Frequency 6.3 giving AWT of 4.76 minutes Route Piccadilly Line Rayners Lane to Oakwood Direction E/B Frequency 0.3 giving AWT of 100.0 minutes Route Piccadilly Line Arnos Grove to Rayners Lane Direction W/B Frequency 1.3 giving AWT of 23.08 minutes Route Piccadilly Line Cockfosters to Uxbridge Direction W/B Frequency 2.0 giving AWT of 15.0 minutes Route Piccadilly Line Arnos Grove to Uxbridge Direction W/B Frequency 1.3 giving AWT of 23.08 minutes Route Metropolitan Line Aldgate to Watford Direction N/B Frequency 4.0 giving AWT of 7.5 minutes Route Metropolitan Line Watford to Aldgate Direction S/B Frequency 2.3 giving AWT of 13.04 minutes Route Metropolitan Line Uxbridge to Aldgate Direction S/B Frequency 6.3 giving AWT of 4.76 minutes Route Piccadilly Line Uxbridge to Arnos Grove Direction E/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Heathrow T5 to Cockfosters Direction E/B Frequency 6.0 giving AWT of 5.0 minutes Route Metropolitan Line Aldgate to Harrow-on-the-Hill Direction N/B Frequency 2.3 giving AWT of 13.04 minutes Route Piccadilly Line Arnos Grove to Northfields Direction W/B Frequency 2.3 giving AWT of 13.04 minutes Route Piccadilly Line Cockfosters to Ruislip Direction W/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Oakwood to Ruislip Direction W/B Frequency 0.7 giving AWT of 42.86 minutes Route Victoria Line Brixton to Walthamstow Central Direction N/B Frequency 15.7 giving AWT of 1.91 minutes Route Northern Line High Barnet to Morden Direction S/B Frequency 9.0 giving AWT of 3.33 minutes Stop Russell Square

Stop Russell Square

Walk time to stop from POI is 11.17 minutes

Walk distance to stop from POI is 893.89 metres

Route Piccadilly Line Cockfosters to Rayners Lane Direction W/B Frequency 1.3 giving AWT of 23.08 minutes Route Piccadilly Line Cockfosters to Ruislip Direction W/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Cockfosters to Uxbridge Direction W/B Frequency 2.0 giving AWT of 15.0 minutes Route Piccadilly Line Cockfosters to Heathrow T5 Direction W/B Frequency 6.0 giving AWT of 5.0 minutes Route Piccadilly Line Arnos Grove to Northfields Direction W/B Frequency 2.3 giving AWT of 13.04 minutes Route Piccadilly Line Arnos Grove to Uxbridge Direction W/B Frequency 1.3 giving AWT of 23.08 minutes Route Piccadilly Line Oakwood to Uxbridge Direction W/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Arnos Grove to Rayners Lane Direction W/B Frequency 1.3 giving AWT of 23.08 minutes Route Piccadilly Line Oakwood to Ruislip Direction W/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Ruislip to Arnos Grove Direction E/B Frequency 1.3 giving AWT of 23.08 minutes Route Piccadilly Line Oakwood to Rayners Lane Direction W/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Rayners Lane to Arnos Grove Direction E/B Frequency 1.3 giving AWT of 23.08 minutes Route Piccadilly Line Cockfosters to Heathrow Terminal 4 Direction W/B Frequency 6.0 giving AWT of 5.0 minutes Route Piccadilly Line Uxbridge to Oakwood Direction E/B Frequency 0.3 giving AWT of 100.0 minutes Route Piccadilly Line Heathrow Terminal 4 to Arnos Grove Direction E/B Frequency 2.0 giving AWT of 15.0 minutes Route Piccadilly Line Uxbridge to Arnos Grove Direction E/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Heathrow T5 to Cockfosters Direction E/B Frequency 6.0 giving AWT of 5.0 minutes Route Piccadilly Line Uxbridge to Cockfosters Direction E/B Frequency 2.7 giving AWT of 11.11 minutes Route Piccadilly Line Rayners Lane to Oakwood Direction E/B Frequency 0.3 giving AWT of 100.0 minutes Route Piccadilly Line Arnos Grove to Ruislip Direction W/B Frequency 1.0 giving AWT of 30.0 minutes Route Piccadilly Line Northfields to Arnos Grove Direction E/B Frequency 0.7 giving AWT of 42.86 minutes Route Piccadilly Line Heathrow Terminal 4 to Cockfosters Direction E/B Frequency 4.0 giving AWT of 7.5 minutes Route Piccadilly Line Ruislip to Cockfosters Direction E/B Frequency 1.3 giving AWT of 23.08 minutes Route Piccadilly Line Rayners Lane to Cockfosters Direction E/B Frequency 2.7 giving AWT of 11.11 minutes

Route Northern Line Kennington to Edgware Stop Euston TAT 13.51 minutes EDF 2.22

Route Northern Line High Barnet to Morden Stop Euston TAT 10.84 minutes EDF 2.77

Route Victoria Line Seven Sisters to Brixton Stop Euston TAT 10.07 minutes EDF 2.98

Route Victoria Line Brixton to Walthamstow Central Stop Euston TAT 9.42 minutes EDF 3.18

Route Northern Line Mill Hill East to Kennington Stop Euston TAT 14.49 minutes EDF 2.07

Route Northern Line Morden to Mill Hill East Stop Euston TAT 37.51 minutes EDF 0.8

Route Northern Line Edgware to Morden Stop Euston TAT 10.6 minutes EDF 2.83

Route Northern Line Edgware to Morden Stop Euston TAT 11.12 minutes EDF 2.7

Route Northern Line High Barnet to Kennington Stop Euston TAT 13.07 minutes EDF 2.3

Route Northern Line Morden to High Barnet Stop Euston TAT 15.62 minutes EDF 1.92

Route Northern Line Morden to Mill Hill East Stop Euston TAT 18.62 minutes EDF 1.61

Route Metropolitan Line Croxley to Aldgate Stop Kings Cross St. Pancras TAT 108.62 minutes EDF 0.28

Route Metropolitan Line Aldgate to Wembley Park Stop Kings Cross St. Pancras TAT 38.62 minutes EDF 0.78

Route Metropolitan Line Uxbridge to Aldgate Stop Kings Cross St.Pancras TAT 13.38 minutes EDF 2.24

Route Circle Line Hammersmith (H&C Line) to Edgware Road (Circle Line) Stop Kings Cross St. Pancras TAT 13.62 minutes EDF 2.2

Route Metropolitan Line Aldgate to Watford Stop Kings Cross St.Pancras TAT 16.12 minutes EDF 1.86

Route Metropolitan Line Amersham to Aldgate Stop Kings Cross St. Pancras TAT 18.62 minutes EDF 1.61

Route Hammersmith and City Hammersmith (H&C Line) to Barking Stop Kings Cross St. Pancras TAT 13.62 minutes EDF 2.2

Route Metropolitan Line Watford to Aldgate Stop Kings Cross St.Pancras TAT 21.66 minutes EDF 1.38

Route Metropolitan Line Chesham to Aldgate Stop Kings Cross St. Pancras TAT 51.48 minutes EDF 0.58

Route Metropolitan Line Aldgate to Harrow-on-the-Hill Stop Kings Cross St.Pancras TAT 21.66 minutes EDF 1.38

Route Piccadilly Line Ruislip to Arnos Grove Stop Kings Cross St. Pancras TAT 31.7 minutes EDF 0.95

Route Piccadilly Line Oakwood to Rayners Lane Stop Kings Cross St. Pancras TAT 51.48 minutes EDF 0.58

Route Piccadilly Line Cockfosters to Heathrow Terminal 4 Stop Kings Cross St. Pancras TAT 13.62 minutes EDF 2.2

Route Piccadilly Line Ruislip to Cockfosters Stop Kings Cross St. Pancras TAT 31.7 minutes EDF 0.95

Route Piccadilly Line Rayners Lane to Cockfosters Stop Kings Cross St. Pancras TAT 19.73 minutes EDF 1.52

Route Piccadilly Line Oakwood to Uxbridge Stop Kings Cross St.Pancras TAT 51.48 minutes EDF 0.58

Route Piccadilly Line Rayners Lane to Arnos Grove Stop Kings Cross St.Pancras TAT 31.7 minutes EDF 0.95

Route Piccadilly Line Arnos Grove to Northfields Stop Kings Cross St.Pancras TAT 21.66 minutes EDF 1.38

Route Piccadilly Line Heathrow Terminal 4 to Arnos Grove Stop Kings Cross St.Pancras TAT 23.62 minutes EDF 1.27

Route Piccadilly Line Uxbridge to Cockfosters Stop Kings Cross St.Pancras TAT 19.73 minutes EDF 1.52

Route Piccadilly Line Cockfosters to Heathrow T5 Stop Kings Cross St.Pancras TAT 13.62 minutes EDF 2.2

Route Piccadilly Line Arnos Grove to Uxbridge Stop Kings Cross St.Pancras TAT 31.7 minutes EDF 0.95

Route Piccadilly Line Oakwood to Ruislip Stop Kings Cross St.Pancras TAT 51.48 minutes EDF 0.58

Best EDF is 3.18 Half of all other EDFs is 26.18

AI for this mode is 29.36

## **Rail Services**

Reliability factor for this mode is .75
Maximum walk time for this mode is 12 minutes

### Maximum walk distance for this mode is 960.0 metres

Stop St Pancras Domestic

Walk time to stop from POI is 8.33 minutes Walk distance to stop from POI is 666.09 metres Route MOORGATE to LUTON Direction T621-T82 Frequency 0.33 giving AWT of 90.91 minutes Route BEDFORD MIDLAND to MOORGATE Direction T72-T621 Frequency 2.6 giving AWT of 11.54 minutes Route ST ALBANS BR to SUTTON (SURREY) Direction T86-T390 Frequency 0.67 giving AWT of 44.78 minutes Route ST ALBANS BR to WEST NORWOOD BR Direction T86-T437 Frequency 0.33 giving AWT of 90.91 minutes Route BEDFORD MIDLAND to LONDON BLACKFRIARS Direction T72-T217 Frequency 0.33 giving AWT of 90.91 minutes Route DOVER PRIORY to St Pancras Domestic Direction T155-T40 Frequency 1.33 giving AWT of 22.56 minutes Route LUTON to MOORGATE Direction T82-T621 Frequency 0.33 giving AWT of 90.91 minutes Route St Pancras Domestic to MARGATE Direction T40-T145 Frequency 1.0 giving AWT of 30.0 minutes Route WIMBLEDON BR to ST ALBANS BR Direction T512-T86 Frequency 1.33 giving AWT of 22.56 minutes Route SELHURST to ST ALBANS BR Direction T433-T86 Frequency 0.33 giving AWT of 90.91 minutes Route SUTTON (SURREY) to ST ALBANS BR Direction T390-T86 Frequency 0.33 giving AWT of 90.91 minutes Route St Pancras Domestic to FAVERSHAM Direction T40-T262 Frequency 2.0 giving AWT of 15.0 minutes Route Ebbsfleet to St Pancras Domestic Direction T808-T40 Frequency 1.33 giving AWT of 22.56 minutes Route MOORGATE to LUTON Direction T621-T82 Frequency 0.67 giving AWT of 44.78 minutes Route WIMBLEDON BR to LUTON Direction T512-T82 Frequency 0.33 giving AWT of 90.91 minutes Route MOORGATE to BEDFORD MIDLAND Direction T621-T72 Frequency 0.6 giving AWT of 50.0 minutes Route WIMBLEDON BR to BEDFORD MIDLAND Direction T512-T72 Frequency 0.33 giving AWT of 90.91 minutes Route BEDFORD MIDLAND to MOORGATE Direction T72-T621 Frequency 1.0 giving AWT of 30.0 minutes Route BEDFORD MIDLAND to BRIGHTON Direction T72-T329 Frequency 2.0 giving AWT of 15.0 minutes Route BEDFORD MIDLAND to SUTTON (SURREY) Direction T72-T390 Frequency 0.33 giving AWT of 90.91 minutes Route BROADSTAIRS to St Pancras Domestic Direction T140-T40 Frequency 1.0 giving AWT of 30.0 minutes Route MOORGATE to ST ALBANS BR Direction T621-T86 Frequency 1.0 giving AWT of 30.0 minutes Route ST ALBANS BR to MOORGATE Direction T86-T621 Frequency 0.67 giving AWT of 44.78 minutes Route WIMBLEDON BR to BEDFORD MIDLAND Direction T512-T72 Frequency 0.33 giving AWT of 90.91 minutes Route LUTON to MOORGATE Direction T82-T621 Frequency 0.67 giving AWT of 44.78 minutes Stop LONDON EUSTON BR Walk time to stop from POI is 6.76 minutes Walk distance to stop from POI is 540.79 metres Route BLETCHLEY to LONDON EUSTON BR Direction T19-T50 Frequency 1.0 giving AWT of 30.0 minutes Route Rugby to LONDON EUSTON BR Direction T18-T50 Frequency 0.33 giving AWT of 90.91 minutes Route LONDON EUSTON BR to TRING Direction T50-T26 Frequency 2.0 giving AWT of 15.0 minutes Route MILTON KEYNES CENTRAL to LONDON EUSTON BR Direction T22-T50 Frequency 1.3 giving AWT of 23.08 minutes Route LONDON EUSTON BR to WATFORD JUNCTION Direction T50-T31 Frequency 3.0 giving AWT of 10.0 minutes Route WATFORD JUNCTION to LONDON EUSTON BR Direction T31-T50 Frequency 0.33 giving AWT of 90.91 minutes Stop LONDON KINGS CROSS BR Walk time to stop from POI is 7.87 minutes Walk distance to stop from POI is 629.47 metres Route WELWYN GARDEN CITY to LONDON KINGS CROSS BR Direction T661-T656 Frequency 0.33 giving AWT of 90.91 minutes Route LETCHWORTH to LONDON KINGS CROSS BR Direction T648-T656 Frequency 0.67 giving AWT of 44.78 minutes Route Cambridge to LONDON KINGS CROSS BR Direction T759-T656 Frequency 2.3 giving AWT of 13.04 minutes Route WELWYN GARDEN CITY to LONDON KINGS CROSS BR Direction T661-T656 Frequency 0.33 giving AWT of 90.91 minutes Route ROYSTON HERTS to LONDON KINGS CROSS BR Direction T649-T656 Frequency 0.33 giving AWT of 90.91 minutes

Route WELWYN GARDEN CITY to LONDON KINGS CROSS BR Direction T661-T656 Frequency 0.33 giving AWT of 90.91 minutes

Route LETCHWORTH to LONDON KINGS CROSS BR Direction T648-T656 Frequency 0.33 giving AWT of 90.91 minutes Route LONDON KINGS CROSS BR to Peterborough Direction T656-T657 Frequency 2.0 giving AWT of 15.0 minutes Stop LONDON ST PANCRAS

Walk time to stop from POI is 7.73 minutes

Walk distance to stop from POI is 618.02 metres

#### TATs for this mode

Route MOORGATE to LUTON Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route BEDFORD MIDLAND to MOORGATE Stop St Pancras Domestic TAT 20.61 minutes EDF 1.46

Route ST ALBANS BR to SUTTON (SURREY) Stop St Pancras Domestic TAT 53.85 minutes EDF 0.56

Route ST ALBANS BR to WEST NORWOOD BR Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route BEDFORD MIDLAND to LONDON BLACKFRIARS Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route DOVER PRIORY to St Pancras Domestic Stop St Pancras Domestic TAT 31.63 minutes EDF 0.95

Route LUTON to MOORGATE Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route St Pancras Domestic to MARGATE Stop St Pancras Domestic TAT 39.08 minutes EDF 0.77

Route WIMBLEDON BR to ST ALBANS BR Stop St Pancras Domestic TAT 31.63 minutes EDF 0.95

Route SELHURST to ST ALBANS BR Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route SUTTON (SURREY) to ST ALBANS BR Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route St Pancras Domestic to FAVERSHAM Stop St Pancras Domestic TAT 24.08 minutes EDF 1.25

Route Ebbsfleet to St Pancras Domestic Stop St Pancras Domestic TAT 31.63 minutes EDF 0.95

Route MOORGATE to LUTON Stop St Pancras Domestic TAT 53.85 minutes EDF 0.56

Route WIMBLEDON BR to LUTON Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route MOORGATE to BEDFORD MIDLAND Stop St Pancras Domestic TAT 59.08 minutes EDF 0.51

Route WIMBLEDON BR to BEDFORD MIDLAND Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route BEDFORD MIDLAND to MOORGATE Stop St Pancras Domestic TAT 39.08 minutes EDF 0.77

Route BEDFORD MIDLAND to BRIGHTON Stop St Pancras Domestic TAT 24.08 minutes EDF 1.25

Route BEDFORD MIDLAND to SUTTON (SURREY) Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route BROADSTAIRS to St Pancras Domestic Stop St Pancras Domestic TAT 39.08 minutes EDF 0.77

Route MOORGATE to ST ALBANS BR Stop St Pancras Domestic TAT 39.08 minutes EDF 0.77

Route ST ALBANS BR to MOORGATE Stop St Pancras Domestic TAT 53.85 minutes EDF 0.56

Route WIMBLEDON BR to BEDFORD MIDLAND Stop St Pancras Domestic TAT 99.99 minutes EDF 0.3

Route LUTON to MOORGATE Stop St Pancras Domestic TAT 53.85 minutes EDF 0.56

Route BLETCHLEY to LONDON EUSTON BR Stop LONDON EUSTON BR TAT 37.51 minutes EDF 0.8

Route Rugby to LONDON EUSTON BR Stop LONDON EUSTON BR TAT 98.42 minutes EDF 0.3

Route LONDON EUSTON BR to TRING Stop LONDON EUSTON BR TAT 22.51 minutes EDF 1.33

Route MILTON KEYNES CENTRAL to LONDON EUSTON BR Stop LONDON EUSTON BR TAT 30.59 minutes EDF 0.98

Route LONDON EUSTON BR to WATFORD JUNCTION Stop LONDON EUSTON BR TAT 17.51 minutes EDF 1.71

Route WATFORD JUNCTION to LONDON EUSTON BR Stop LONDON EUSTON BR TAT 98.42 minutes EDF 0.3

Route WELWYN GARDEN CITY to LONDON KINGS CROSS BR Stop LONDON KINGS CROSS BR TAT 99.53 minutes EDF 0.3

Route LETCHWORTH to LONDON KINGS CROSS BR Stop LONDON KINGS CROSS BR TAT 53.39 minutes EDF 0.56

Route Cambridge to LONDON KINGS CROSS BR Stop LONDON KINGS CROSS BR TAT 21.66 minutes EDF 1.38

Route WELWYN GARDEN CITY to LONDON KINGS CROSS BR Stop LONDON KINGS CROSS BR TAT 99.53 minutes EDF 0.3

Route ROYSTON HERTS to LONDON KINGS CROSS BR Stop LONDON KINGS CROSS BR TAT 99.53 minutes EDF 0.3

Route WELWYN GARDEN CITY to LONDON KINGS CROSS BR Stop LONDON KINGS CROSS BR TAT 99.53 minutes EDF 0.3

Route LETCHWORTH to LONDON KINGS CROSS BR Stop LONDON KINGS CROSS BR TAT 99.53 minutes EDF 0.3

Route LONDON KINGS CROSS BR to Peterborough Stop LONDON KINGS CROSS BR TAT 23.62 minutes EDF 1.27

Half of all other EDFs is 12.02

AI for this mode is 13.74

Total AI for this POI is 69.93. X: 529782, Y: 182833.

PTAL Rating is 6b.

**Appendix D – London's Rail and Tube Services Map** 

## London's Rail & Tube services

#### Key to lines and symbols



#### Special fares

Archway Station in both fare zones

Tramlink fare zone

Emirates Air Line fare zone

Pay as you go fares are available between all stations within the black broken line except for travel on:

• Southeastern high speed,

• Heathrow Express and

Heathrow Connect between
 Hayes & Harlington and Heathrow

For fares information visit tfl.gov.uk/tickets

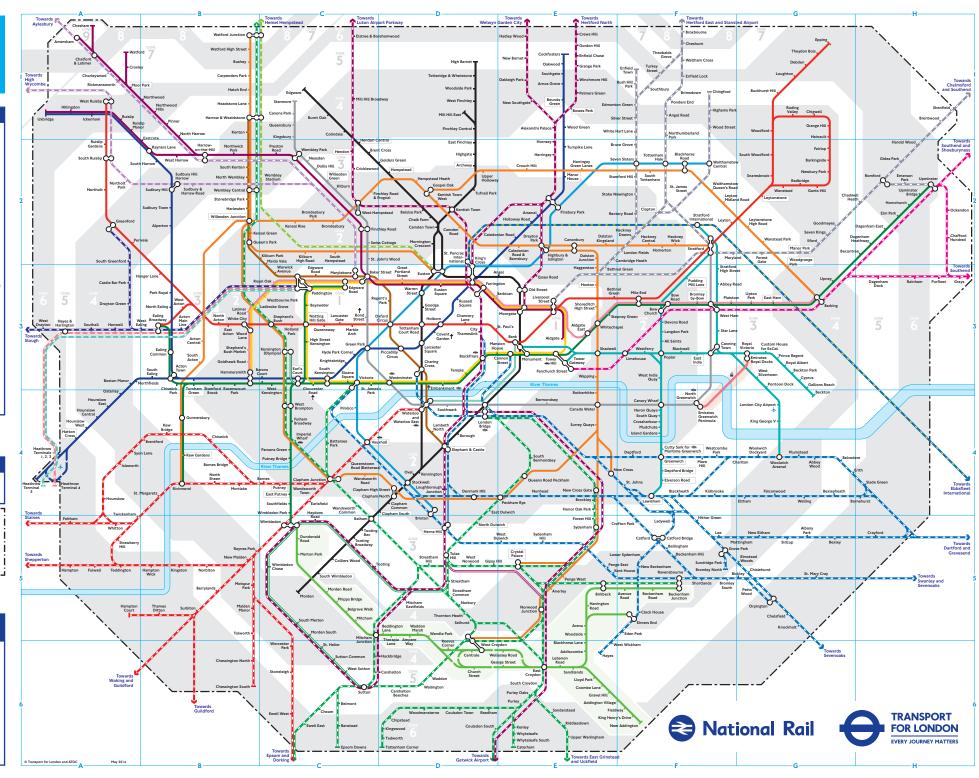
## Tube stations affected by engineering works

Bond Street
 Central line trains will not stop
 at this station until late June and
 Jubilee trains will not stop from
 early July until early December 2014

† Covent Garden
Exit only until mid-November 2014.
Also, on Saturdays and Sundays,
westbound trains will not stop.
Please use Leicester Square instead.

↑ Embankment Bakerloo and Northern line trains will not stop at this station until early November 2014

Gloucester Road
Piccadilly line trains will not stop at
this station until mid-December 2014



Find your sta	ation		Grid quare		Grid Square		Grid Square	Station Name	Grid Square	Station Name	Grid Square	Station Name S	Grid quare		Grid Square	Station Name	Grid Square
	Grid	<b>B</b> continued		D		G	0.7			M continued		K		<b>S</b> continued		W	
Station Name	Square	Bromley North	F5 F5	Dagenham Dock Dagenham East	H3 H2	Gallions Reach Gants Hill	G3 G2	Ickenham Ilford	A I G2	Motspur Park Mottingham	B5 G5	Rainham Ravensbourne	H3 F5	Stamford Brook Stamford Hill	B3 F2	Waddon Waddon Marsh	D6 D5
A		Bromley South Brondesbury	C2	Dagenham Heathway	H2	George Street	E6	Imperial Wharf	C4	Mudchute	F4	Ravenscourt Park	B3	Stanmore	CI	Wallington	D6
Abbey Road	F3	Brondesbury Park	C2	Dalston Junction	E2	Gidea Park	H2	Island Gardens	F4	N	1.4	Rayners Lane	B2	Star Lane	F3	Waltham Cross	FI
Abbey Wood	G4	Broxbourne	FI	Dalston Kingsland	E2	Gipsy Hill	D5	Isleworth	A4	N		Raynes Park	B5	Stepney Green	E3	Walthamstow Central	F2
Acton Central	B3	Bruce Grove	F2	Debden	GI	Gloucester Road †	C3	V		Neasden	C2	Rectory Road	F2	Stockwell	D4	Walthamstow	
Acton Main Line	B3	Buckhurst Hill	GI	Denmark Hill	D4	Golders Green	D2	Kanlau	Ε.	New Addington	F6	Redbridge	G2	Stoke Newington	F2	Queen's Road	F2
Acton Town Addington Village	B3 E6	Burnt Oak	CI	Deptford	F4	Goldhawk Road	В3	Kenley	E6 D4	New Barnet	E1 F5	Reedham	D6	Stonebridge Park	B2	Wandle Park	D5
Addington village Addiscombe	E6	Bushey	BI	Deptford Bridge	F4	Goodge Street	D3	Kennington Kensal Green	B2	New Beckenham Newbury Park	G2	Reeves Corner	D6	Stoneleigh	C6	Wandsworth Common	
Albany Park	G5	Bush Hill Park	FI	Devons Road	F3	Goodmayes	G2	Kensal Rise	C2	New Cross	E4	Regent's Park	D3	Stratford	F2	Wandsworth Road	C4
Aldgate	E3	C		Dollis Hill	C2	Gordon Hill	ΕI	Kensington (Olympia)	C3	New Cross Gate	E4	Richmond	B4	Stratford High Street	F3	Wandsworth Town	C4
Aldgate East	E3	Caledonian Road	E2	Drayton Green	A3	Gospel Oak	D2	Kent House	E5	New Eltham	G5	Rickmansworth	AI	Stratford International	F2	Wanstead Park	G2 G2
Alexandra Palace	EI	Caledonian Road		Drayton Park	E2	Grange Hill	GI EI	Kentish Town	D2	New Malden	B5	Riddlesdown	E6	Strawberry Hill	A5	Wanstead Park Wapping	E3
All Saints	F3	& Barnsbury	E2	Dundonald Road	C5	Grange Park Gravel Hill	E6	Kentish Town West	D2	New Southgate	ΕI	Roding Valley Romford	GI H2	Streatham Streatham Common	D5 D5	Warren Street	D3
Alperton	B2	Cambridge Heath	E2	E		Grays	H3	Kenton	BI	Norbiton	B5	Rotherhithe	E4	Streatham Hill	D5	Warwick Avenue	C3
Amersham	ΑI	Camden Road	D2	Ealing Broadway	В3	Great Portland Street	D3	Kew Bridge	B4	Norbury	D5	Royal Albert	G3	Sudbury & Harrow Road		Waterloo	D4
Ampere Way	D5	Camden Town	D2	Ealing Common	В3	Greenford	A2	Kew Gardens	B4	North Acton	В3	Royal Oak	C3	Sudbury Hill	B2	Watford	ΑI
Anerley	E5	Canada Water Canary Wharf	E4 F4	Earl's Court	C3	Green Park	C3	Kidbrooke	F4	North Dulwich	D5	Royal Victoria	G3	Sudbury Hill Harrow	B2	Watford High Street	ВІ
Angel	E3	Canning Town	F3	Earlsfield	C4	Greenwich	F4	Kilburn	C2	North Ealing	B3	Ruislip	ΑI	Sudbury Town	B2	Watford Junction	BI
Angel Road Archway	FI D2	Cannon Street	E3	East Acton Eastcote	B3 B2	Grove Park	F5	Kilburn High Road Kilburn Park	C2 C2	Northfields North Greenwich	A3 F4	Ruislip Gardens	A2	Sundridge Park	F5	Welling	G4
Arena	E5	Canonbury	E2	East Croydon	E6	Gunnersbury	B4	King George V	G4	North Harrow	BI	Ruislip Manor	ΑI	Surbiton	B5	Wellesley Road	E6
Arnos Grove	EI	Canons Park	CI	East Dulwich	D4	H		King George V King Henry's Drive	F6	Northolt	A2	Russell Square	D3	Surrey Quays	E4	Wembley Park	C2
Arsenal	E2	Carpenders Park	ВІ	East Finchley	D2	Hackbridge	D6	King's Cross	D3	Northolt Park	A2	S		Sutton	C6	Wembley Stadium	C2
Avenue Road	F5	Carshalton	D6	East Ham	G3	Hackney Central	F2	Kingsbury	CI	North Sheen	B4	St. Helier	C6	Sutton Common	C6	West Acton Wembley Central	B3 B2
D		Carshalton Beeches	D6	East India	F3	Hackney Downs	F2	Kingston	B5	Northumberland Park	FI	St. James Street	F2	Swiss Cottage	C2 E5	Westbourne Park	C3
Dalam Charact	67	Castle Bar Park	A3	East Putney	C4	Hackney Wick	F2	Kingswood	D6	North Wembley	B2	St. James's Park	C3	Sydenham Sydenham Hill	E5 E5	West Brompton	C4
Baker Street Balham	C3 C5	Caterham	E6	Eden Park	F5	Hadley Wood	ΕI	Knightsbridge	C3	Northwick Park	B2	St. Johns	F4	Syon Lane	A4	Westcombe Park	F4
Bank	E3	Catford	F5	Edgware	CI	Haggerston	E3	Knockholt	G5	Northwood	BI	St. John's Wood	C2	Syon Lane	Α-τ	West Croydon	D6
Banstead	C6	Catford Bridge	F5	Edgware Road	C3	Hainault	G١	L		Northwood Hills	BI	St. Margarets	B4			West Drayton	A3
Barbican	D3	Centrale	D6	Edmonton Green	FI	Hammersmith	В3	Ladbroke Grove	C3	Norwood Junction	E5	St. Mary Cray	G5	Tadworth	D6	West Dulwich	E5
Barking	G3	Chadwell Heath Chafford Hundred	H2	Elephant & Castle	D4	Hampstead	D2	Ladywell	F5	Notting Hill Gate	C3	St. Pancras International	D2	Tattenham Corner	D6	West Ealing	В3
Barkingside	G2	Chalfont & Latimer	H2 A1	Elmers End	F5	Hampstead Heath	D2	Lambeth North	D4	Nunhead	E4	St. Paul's	D3	Teddington	A5	Westferry	F3
Barnehurst	H4	Chalk Farm	D2	Elm Park	H2	Hampton Hampton Court	A5	Lancaster Gate	C3	0		Sanderstead	E6	Temple	D3 B5	West Finchley	DI
Barnes	C4	Chancery Lane	D2	Elmstead Woods Elstree &	G5		A5 B5	Langdon Park	F3	Oakleigh Park	ΕI	Sandilands Selhurst	E6 D5	Thames Ditton Theobalds Grove	FI FI	West Ham	F3
Barnes Bridge	B4	Charing Cross	D3	Borehamwood	CI	Hampton Wick Hanger Lane	B3	Latimer Road	В3	Oakwood	ΕI	Seven Kings	G2	Therapia Lane	D5	West Hampstead	C2
Barons Court	C3	Charlton	G4	Eltham	G4	Hanwell	A3	Lebanon Road	E6	Ockendon	H2	Seven Sisters	F2	Theydon Bois	GI	West Harrow	B2
Battersea Park	C4	Cheam	C6	Elverson Road	F4	Harlesden	B2	Lee	F5	Old Street	E3	Shadwell	E3	Thornton Heath	D5	West India Quay	F3
Bayswater	C3	Chelsfield	G5	Embankment †	D3	Harold Wood	H2	Leicester Square	D3	Orpington	G5	Shenfield	HI	Tolworth	B5	Westminster	D3 D5
Beckenham Hill	F5	Chesham	ΑI	Emerson Park	H2	Harringay	E2	Lewisham	F4	Osterley	A4	Shepherd's Bush	C3	Tooting	C5	West Norwood West Ruislip	ΑI
Beckenham Junction	F5	Cheshunt	FI	<b>Emirates Greenwich</b>		Harringay Green Lanes	E2	Leyton	F2	Oval	D4	Shepherd's Bush Market	В3	Tooting Bec	C5	West Kuistip West Kensington	C3
Beckenham Road	F5	Chessington North	B6	Peninsula	F4	Harrington Road	E5	Leyton Midland Road	F2	Oxford Circus	D3	Shoreditch High Street	E3	Tooting Broadway	C5	West Silvertown	G3
Beckton	G4 G3	Chessington South	B6	Emirates Royal Docks	G3	Harrow & Wealdstone	ВІ	Leytonstone	G2 d G2	P		Shortlands	F5	Tottenham Court Road	D3	West Sutton	C6
Beckton Park Becontree	H2	Chigwell	GI	Enfield Chase	EI	Harrow-on-the-Hill	B2	Leytonstone High Road Limehouse	F3	Paddington	C3	Sidcup	G5	Tottenham Hale	F2	West Wickham	E6
Beddington Lane	D5	Chingford	FI	Enfield Lock	FI	Hatch End	BI	Liverpool Street	E3	Palmers Green	ΕI	Silver Street	FI	Totteridge & Whetstone		White City	В3
Belgrave Walk	C5	Chipstead	D6	Enfield Town	FI GI	Hatton Cross	A4	Lloyd Park	E6	Park Royal	В3	Slade Green	H4	Tower Gateway	E3	Whitechapel	E3
Bellingham	F5	Chislehurst Chiswick	G5 B4	Epping Epsom Downs	C6	Haydons Road	C5	London Bridge	D4	Parsons Green	C4	Sloane Square	C3	Tower Hill	E3	White Hart Lane	FI
Belmont	C6	Chiswick Park	B3	Erith	H4	Hayes	E6	London City Airport	G4	Peckham Rye	E4	Snaresbrook	G2	Tufnell Park	D2	Whitton	A5
Belsize Park	D2	Chorleywood	Al	Essex Road	E3	Hayes & Harlington Headstone Lane	A3 B1	London Fields	F2	Penge East	E5	South Acton Southall	B3 A3	Tulse Hill	D5 FI	Whyteleafe	E6
Belvedere	G4	Church Street	D6	Euston	D3	Heathrow	ы	Loughborough Junctio	n D4	Penge West	E5	South Bermondsey	E4	Turkey Street Turnham Green	B3	Whyteleafe South	E6
Bermondsey	E4	City Thameslink	D3	Euston Square	D3	Terminals 1, 2, 3	A4	Loughton	G١	Perivale Petts Wood	A2 G5	Southbury	FI	Turnpike Lane	E2	Willesden Green	C2
Berrylands	B5	Clapham Common	D4	Ewell East	C6	Heathrow Terminal 4	A4	Lower Sydenham	F5	Phipps Bridge	C5	South Croydon	E6	Twickenham	A5	Willesden Junction	B2
Bethnal Green (LU)	E3	Clapham High Street	D4	Ewell West	C6	Heathrow Terminal 5	A4	M		Piccadilly Circus	D3	South Ealing	B3	111	710	Wimbledon	C5 C5
Bethnal Green	-7	Clapham Junction	C4	F		Hendon	C2	Maida Vale	C2	Pimlico	C4	Southfields	C4	U		Wimbledon Chase	C3
(Greater Anglia)	E3 G5	Clapham North	D4	Fairlop	G2	Hendon Central	C2	Malden Manor	B5	Pinner	BI	South Greenford	A2	Upminster	H2	Wimbledon Park Winchmore Hill	E1
Bexley Bexleyheath	G3 G4	Clapham South	D4	Falconwood	G2 G4	Herne Hill	D5	Manor House	E2	Plaistow	F3	South Hampstead	C2	Upminster Bridge	H2	Woodford	GI
Bickley	G5	Clapton	F2	Farringdon	D3	Heron Quays	F4	Manor Park	G2	Plumstead	G4	South Harrow	B2	Upney	G3	Woodgrange Park	G3
Birkbeck	E5	Clock House	F5	Feltham	A5	Highams Park	FI	Mansion House	D3	Ponders End	FI	Southgate	ΕI	Upper Holloway Upper Warlingham	D2 E6	Wood Green	EI
Blackfriars	D3	Cockfosters	EI	Fenchurch Street	E3	High Barnet	DI	Marble Arch	C3	Pontoon Dock	G3	South Kensington	C3	Upton Park	G3	Wood Lane	В3
Blackheath	F4	Colindale	CI	Fieldway	F6	Highbury & Islington	E2	Maryland	F2	Poplar	F3	South Kenton	B2	Uxbridge	ΑI	Woodmansterne	D6
Blackhorse Lane	E6	Colliers Wood	C5	Finchley Central	DI	Highgate	D2	Marylebone	C3	Preston Road	C2	South Merton	C5	_	711	Woodside	E5
Blackhorse Road	F2	Coombe Lane Coulsdon South	E6 D6	Finchley Road	C2	High Street Kensington	C3	Maze Hill	F4	Prince Regent	G3	South Quay	F4	V		Woodside Park	DI
Blackwall	F3	Coulsdon Town	D6	Finchley Road & Frognal	C2	Hillingdon Hither Green	AI F5	Merton Park	C5	Pudding Mill Lane	F3	South Ruislip	A2	Vauxhall	C4	Wood Street	FI
Bond Street †	C3	Covent Garden †	D8	Finsbury Park	E2	Holborn	D3	Mile End	F3	Purfleet	H3	South Tottenham Southwark	F2 D4	Victoria	C3	Woolwich Arsenal	G4
Borough	D4	Crayford	H5	Forest Gate	G2	Holland Park	C3	Mill Hill Broadway	CI	Purley Oaks	E6 E6	Southwark South Wimbledon	D4 C5			Woolwich Dockyard	G4
Boston Manor	A3	Crews Hill	EI	Forest Hill	E5	Holloway Road	E2	Mill Hill East	DI C5	Purley Oaks Putney	C4	South Wimbledon South Woodford	G2			Worcester Park	C6
Bounds Green	EI	Cricklewood	C2	Fulham Broadway	C4	Homerton	F2	Mitcham Mitcham Eastfields	D5	Putney Putney Bridge	C4 C4	South Wooding	<b>U</b> 2				
Bow Church	F3	Crofton Park	F5	Fulwell	A5	Honor Oak Park	E5	Mitcham Lastrields Mitcham Junction	C5	, ,							
Bowes Park	E1	Crossharbour	F4			Hornchurch	H2	Monument	E3	Q							
Bow Road	F3	Crouch Hill	E2			Hornsey	E2	Moor Park	AI	Queensbury	CI						
Brent Cross	C2 B4	Croxley	ΑI			Hounslow	A4	Moorgate	E3	Queen's Park	B2						
Brentford Brentwood	B4 HI	Crystal Palace	E5			Hounslow Central	A4	Morden	C5	Queens Road Peckhan	n E4						
Brimsdown	FI	Custom House for ExCel	. G3			Hounslow East	A4	Morden Road	C5	Queenstown Road (Battersea)	C4						
Brixton	D4	Cutty Sark for				Hounslow West	A4	Morden South	C5	Queensway	C3						
Brockley	E4	Maritime Greenwich	F4 G3			Hoxton	E3	Mornington Crescent	D2	aucciisway							
Bromley-by-Bow	F3	Cyprus	G5			Hyde Park Corner	C3	Mortlake	B4								

Appendix E – Central London Bus Route Map

# Where buses go

521 Red numbers - buses do not run every day

midnight until early morning, seven days a week

## Wheelchair accessibility

accessible. However, some journeys on route 15 (0930-1830 daily) use heritage Routemaster buses, which are not suitable for wheelchair users **Underground** - For details of Tube stations with wheelchair access please pick up a copy of the Tube Step-free Guide

Taxis - All taxis are wheelchair accessible Your driver will secure the wheelchair for your comfort and safety.

## Road Station Holborn Station Elephant & Castle, South Bermondsev Surrey Quays Route I continues to Canada Water

or Night bus N1

Route 2 continues Hyde Park Corner, Marylebone Statio Night bus N2 also West Norwood to **Crystal Palace** 

**Oxford Circus** Lambeth Bridge, Crystal Palace Night bus N3 continues to Anerley, Park Langley, Bromley Sout **Bromley North** Station

Fleet Street, St Paul's, Barbican, Islington (Angel), Highbury & Islington Finsbury Park, Holloway (Nag's Head Tufnell Park Road, Tufnell Park, Dartmouth Park Hill. **Archway Station** 

49 Black numbers - buses run all day, seven days a week. Green numbers - Bus passes, Travelcards and Oystercards are not accepted Blue numbers - buses running thoughout the day

N-prefix routes run at night only, from about

Frafalgar Square Piccadilly Circus Trafalgar Square Oxford Circus. Pall Mall. Marble Arch. Green Park, Edgware Road Hyde Park Corner Warwick Avenue, Knightsbridge, West Kilburn, Kensington High Street Queen's Park Station Kensington Olympia Kensal Rise Willesden Centre for Health and Care Night bus N9 (Bus Garage) Chiswick High Roa

Oxford Circu

Marble Arch

adbroke Grove

Paddington

Bayswater.

Station.

Hammersmith

Hospital,

East Acton Station

(Brunel Road

Route 7 continues to

Brentford, Hounslow town cent **Hounslow West** Harlington Corner, Heathrow Terminals **Heathrow Terminal 5** 

10 King's Cross Euston Station, ottenham Court Road Marble Arch, Hyde Park Corner

or Night bus Ni Kensington Olympia, **Acton High Street Ealing Broadway** Pitshanger Lane, Greenford Broady (eading (White Hart) **Northolt Station** Liverpool Stree St Paul's, Fleet Stree

**Ealing Broadway** 

12 24 hour service

**Oxford Circus** 

Piccadilly Circus

Trafalgar Square

Elephant & Castle,

Camberwell Green,

Dulwich (Library)

Walworth Road,

Peckham Rye,

Westminster,

Trafalgar Square **Holborn Station** Night bus N1 Holborn Circus continues to: St. Paul's, Stamford Brook Liverpool Street Turnham Green Acton High Street, Bethnal Green, Acton Town Station, Old Ford (Parnell Road)

Route 8 continues to or Night bus N8 Bow Bridge, Stratford, Leytonstone Wanstead. Redbridge, Gants Hill, Barkingside Hainault (The Lowe Night bus N8 also continues fron Tottenham Court

Road Station to

**Oxford Circus** 

N13 Piccadilly Circus Oxford Circus, Portman Square Baker Street. St. John's Wood Finchley Road. Golders Green Night bus N13 North Finchley

St. Paul's, Tottenham Court Road Route 26 continues Hyde Park Corner or Night bus N26 rafalgar Square Night bus N26 also Battersea Bridge Hackney Wick to Leyton (Baker's Arms Clapham Junction rooked Billet. Chingford Mount Chingford Station

Chalk Farm

Paddington,

Camden Town.

Warren Street Station

Edgware Road Station.

Kensington High Stree

Chiswick High Road,

(Business Park)

Route 28 continues to

Kensal Rise Station

or Night bus N28

Swiss Cottage,

Chalk Farm.

29

**N29** 

Trafalgar Square

Camden Town,

Finsbury Park

Manor House,

Wood Green

Night bus N29

Palmers Greer

Marble Arch

Baker Street,

Tottenham Court Road

Turnpike Lane Station.

Baker Street Station

Notting Hill Gate

Stamford Brook.

Chiswick

**N26** 

Shoreditch.

24 hour service Warren Street Station Tottenham Court Road Piccadilly Circus. Green Park, Hyde Park Corner, Knightsbridge, South Kensington, Fulham Broadway, Putney Heath (Green Man)

N15

St Paul's,

Monument,

Aldgate East,

Limehouse,

Trafalgar Square

Tower of Londor

London Bridge Monument, Route 21 continues to Old Street Station Mildmay Park, Newington Green St. Paul's, Trafalgar Square

Finsbury Park

Islington (Angel)

Bloomsbury

Green Park.

Knightsbridge,

Night bus N19

New Cross.

Old Kent Road

Bricklayers Arms

Mount Pleasant,

Highbury & Islington

Route 15 continu (DLR Station) or Night bus N15 Avery Hill, East Ham. Barking, Longbridge Road Some journeys

Trafalgar Square a Piccadilly Cir Hyde Park Co Green Park, buses (0930-1830 da Knightsbridge, Sloane Square, Parsons Green Putney Bridge, Putney Commo

Barnes Bridge.

North Sheen,

Fulwell (Stanley Road)

Richmond.

23

Liverpool St

N16 Victoria Hyde Park Corne Marble Arch, Maida Vale, Cricklewood (Bus Garage) Night bus N16 ontinues to: West Hendon

Trafalgar Square. Piccadilly Circus Marble Arch. London Bridge St Paddington, Cannon Street, Ladbroke Grove. Ludgate Circus, Kensal Road,

Holborn Circus Gray's Inn Road King's Cross, Caledonian Road Archway Station

Edgware Road Station

Great Portland Street

Route 18 continues to

**Euston Station** 

or Night bus N18

Trafalgar Square

Night bus N18 also

Sudbury to:

Station

(Grosvenor Road) Trafalgar Square, Leicester Square. Tottenham Court Road **Harrow Road Station** Hampstead Heath Wembley Central, (South End Green) Stonebridge, Harrow Road,

**Oxford Circus** Holborn Station Mile End, Bow Road Stratford,

N35 **Hackney Wick** Clapham Junction Brixton. Camberwell Green Liverpool Street Elephant & Castle London Bridge, Liverpool Stree Shoreditch

Old Street.

Queen's

Bayswater,

Marble Arch.

Holborn Circus Blackfriars. Southwark Statio Elephant & Castl Walworth Road. Camberwell Green Brixton Hill. Clapham Park (Atkins Road) Night bus N35 Road Station

Lancaster Gat Warwick Avenue St. John's Wood. Swiss Cottage, Hampstead Station Rosslyn Hill, Hampstead Heath Hyde Park Corner Kentish Town, Camden Road Statio

Kennington Ova Camberwell Green, **New Cross Gat** St. Bartholomew's **N38** Victoria Hyde Park Corner Green Park, Piccadilly Circus Tottenham Court Roa

Bloomsbury. Mount Pleasant Islington (Ange Mildmay Park Wandswort Clapton Pond Fulham Broadway Night bus N38 Kensington Olympia Kensington High Street Lea Bridge Road Notting Hill Gate Westbourne Park, (Harrow Road)

> **Aldgate** Fenchurch Stree London Bridge Elephant & Castle, Walworth Road, Camberwell Green, East Dulwich,

Liverpool Stree (Worship Street) Tower Bridge, Albany Road. Camberwell Green,

Denmark Hill (Sunray Avenue)

43 London Bridge Statio Old Street Station, Islington (Angel), Highbury & Islingtor Holloway (Nag's Head

Islington (Angel) Hackney. **Hackney Wick** 

Chalk Farm. Swiss Cottage, Notting Hill Gate Route 31 continues to

Shepherd's Bush White City (Bus Station) or Night bus N3 Kensington High Stree Earl's Court, King's Cross (St. Pancras) Gray's Inn Road

Gray's Inn Road,

(Catford Bus Gar Lewisham, Deptford Bridge Surrey Quays, Canada Water, Bermondsey London Bridge

Monument

Shoreditch

Route 47 continues

Liverpool Street

Friern Barnet

Ebury Bridge Road

Chelsea Bridge, Battersea. Wandsworth, Earlsfield, Tooting Broadway Tooting Station Night bus N44 Mitcham. St. Helier, **Sutton Station** Night bus N44 also continues from Victoria to: Trafalgar Square

53

(Horse Guards) Elephant & Castl Bricklavers Arms Old Kent Road. New Cross, Deptford Bridge (Royal Standard Charlton Village Woolwich, Plumstead Commor Griffin Road. Plumstead Station

Holborn Station Route 68 continues Russell Square. Euston Station or Night bus N68 Road Station Night bus N68 also West Norwood to: Thornton Heath Croydon town cents

Old Coulsdon

South Kensington

Notting Hill Gate

Westbourne Grove

Walthamstow Co

**Baker Street Statio** 

Hyde Park Corner

South Kensingtor

Knightsbridge,

Lillie Road.

Putney

Fulham Cross

Night bus N74

Roehampton

Roehampton Lane

(Danebury Avenue)

**N74** 

Barlby Road,

Hammersmith

Kensington.

**N68** 

West Norwood

Tulse Hill Station

Camberwell Green

Elephant & Castle.

Walworth Road.

Herne Hill,

Oxford Circus Tottenham Court Road Station, Bloomsbury, Old Street, Cambridge Heat Lea Bridge Road. Leyton (Baker's Arms Route 55 continues to: Leyton Green or Night bus N55 t

(Green Man)

Wanstead.

Snaresbrook,

South Woodford

loodford Gree **N73** Hvde Park Corner Marble Arch, St. Bartholor Tottenham Court Ro Hospital Barbican, Euston Station, Islington (Angel Mildmay Park, King's Cross, Islington (Angel) Hackney Downs

or Night bus N4 St. Paul's, Lea Bridge Road Trafalgar Square Levton (Baker's Arms). Night bus N47 also Whipps Cross Bromley, **Bromley Commor** Petts Wood. St. Mary Cray Statio

King's Cross St. Pancras, **Euston Station** Russell Square. Holborn Station Aldwych, Waterloo, Kennington Ova Brixton Hill, Streatham Hill (Telford Avenue)

King's Cross

(St. Pancras)

Farringdon Road

Elephant & Castle

Peckham,

Honor Oak

Night bus N63

**Crystal Palace** 

Turnpike Lane Station.

Wood Green

67

London Bridge Stat Liverpool Street Cambridge Heath Hackney, Lea Bridge Road. Leyton (Baker's Arms)

Walthamstow Central

(Bus Station) Shepherd's Bush. Holland Road, Kensington High Street, South Kensington, Clapham Junction

> Hyde Park Corner Knightsbridge, (ensington Notting Hill Gate Ladbroke Grove. Kensal Rise,

Willesden

(Bus Garage)

Aldgate Commercial Street Kingsland Road, Stoke Newingto Vauxhall, Stamford Hill Wandsworth Road, St. Ann's Road. Clapham Junction, West Green.

100 Tobacco Dock Wapping, Liverpool Street Station, London Wall, St. Paul's, Blackfriars, Southwark Station.

Shoreditch

Liverpool Stre

Tower Bridge

Peckham Rye,

Baker Street,

Peckham

Nunhead

Elephant & Castle Hyde Park Corne 113 Portman Square St. John's Wood Finchley Road, Golders Green Henly's Corner Finchley Central North Finchley A night service is Portman Square and see 13/N13 listing

Trafalgar Square Piccadilly Circus Westminster Wandsworth Road Wandsworth Night bus N87 Raynes Park Kingston

Camden Town Oxford Circus, Trafalgar Square Westminster, Vauxhall, Stockwell, Stoke Newington Night bus N73 Stamford Hill, Seven Sisters,

Trafalgar Square Holborn Station Russell Square, Euston Station, St. Pancras. King's Cross Holloway (Nag's Head). fornsey Rise, **Crouch End** 

Bounds Green New Southgate

Piccadilly Circus (Charles II Street) Marble Arch. (Baylis Road) Bayswater Road Ludgate Circus, St. Paul's, Shepherd's Bush Turnham Green (northbound) or, Aldersgate Street (southbound), Old Street Station

Dalston, Stoke Newington, Stamford Hill. Seven Sisters, British Museum Tottenham Court Road Tottenham Hale Marble Arch. Waterloo Station Albert Embankment

Tooting Broadway

Tooting Station

136 **N136 Grove Park** Bellingham Catford, New Cros Peckham Route 136 continues to Southampton Way, North Peckham. Thurlow Street

Rodney Road

**Elephant & Castle** 

Night bus N136

continues to:

Trafalgar Square

Oxford Circus

Grove Park to:

Chislehurst

137

N137

Oxford Circus

Marble Arch,

Hyde Park Corr

Knightsbridge

Sloane Square

Chelsea Bridge,

Battersea Park

Streatham Hill

Night bus N137

continues to:

Crystal Palace

141

Moorgate,

Mildmay Park

Notting Hill Gate

Bavswater Road

Hyde Park Corner,

Elephant & Castle,

Stoke Newington

Seven Sisters

Tottenham,

Upper Edmonto

**Edmonton Green** 

Marble Arch.

Westminster

**London Bridge Statio** 

Clapham Common

(Telford Avenue)

Night bus N136 also

N113 **Edgware Station** Mill Hill Circus Hendon Central, Brent Cross, Finchley Road Station Swiss Cottage, St John's Wood Baker Street, Portman Square Route 113 Marble Arch or Night bus N113 continues to: Oxford Circus.

Trafalgar Square N15 Canning Town, Plaistow (Greengate Upton Park, East Ham (Newham Town Ha

139 Route 115 East Ham (Central Park) Trafalgar Square Night bus N15 continues to Oxford Circus Portman Square Longbridge Road, Baker Street, Becontree Heath Lisson Grove Roneo Corner, Abbey Road. West Hampstead Romford

Night bus N15 al continues from Aldgate to: Tower of Londor St. Paul's, **Trafalgar Square** 

Newington Green Manor House Harringay, Turnpike Lane Station, N133 Palmers Green Liverpool Stree Station 148 Monument, White City London Bridge, (Bus Station) Elephant & Castle, Shepherds's Bush Holland Park

Kennington Oval Brixton. Brixton Hill. Streatham Hill. Streatham Station Night bus N133 Streatham Vale, Mitcham (Fair Green)

Tottenham Court Road Station Camden Town, Kentish Town, Tufnell Park, Highgate Station, Muswell Hill, Colney Hatch

Friern Barnet,

North Finchley

Oxford Circus, 135 Edgware Road, Old Street Station Shoreditch. Willesden High Road Liverpool Street (Bus Garage) Limehouse Heron Quays, Westferry Road, Crossharbour (Asda)

Elephant & Castle Walworth Road. Camberwell Green Dulwich. Forest Hill, Penge Victoria Kennington Oval Camberwell Green East Dulwich

176 24 hour service

Road Station

Leicester Square

Waterloo Bridge

rafalgar Square

187 Battersea Park Sta Central Middlese Clapham Junction Hospital Park Royal (Asda) **Durnsford Road** Kensal Rise, Wimbledon Queen's Park Station, Warwick Avenue St. John's Wood, 159 Ps Swiss Cottage Finchley Road Marble Arch (O2 Centre) Oxford Circus,

Forest Hill.

188 ()24 se Kennington Oval, Russell Square Elephant & Castle Bricklavers Arms Canada Wate

Greenwich

Night service

Canada Water

189

Millennium Village

North Greenwich

Old Kent Road (Te Bricklayers Arms, Elephant & Castle, Holborn Station Russell Square Euston Station Camden Town Chalk Farm. Belsize Park,

155

N155

Stockwell,

Route 155

continues to:

Hospital)

Elephant & Castle

Kennington Oval,

Clapham Commo

Tooting Broadwa

Tooting (St. George's

or Night bus N155

ntinues to:

Colliers Wood

Morden

Vauxhall

Nine Elms,

outhfields

Piccadilly Circus

Westminster.

Brixton Hill,

Streatham Hill,

Trafalgar Square

South Wimbledo

Night bus N155 als

Elephant & Castle to

rafalgar Square

**Hampstead Heat** Oxford Circus (South End Green) ortman Square Lisson Grove Abbey Road, 170 North Cricklewood Royal Hospital Road Battersea Bridge, Vicarage Crescent Clapham Junction

Shopping Centre 190 West Hill, Tibbet's Corner **West Brompton** Putney Heath. Roehampton (Danebury Avenue) Stamford Brook, Chiswick Bridge.

North Sheen, Holborn Station **Elephant & Castle** Elephant & Castle, Kennington Lane Beulah Hill,

Upper Norwood

205

N205

Norwood Junction

**Paddington Station** 

Marylebone Station

**Baker Street Station** 

Euston Station.

Islington (Angel)

Old Street Station

Liverpool Street

Station,

Mile End,

Whitechapel,

**Bow Church** 

Night bus N205

Stratford City

East Village (Stratford

St. Pancras,

Edgware Road Station,

London Bridge Station Catford Route 171 continues to Bellingham (Catford Bus Garage or Night bus N171 **Hither Green Station** Night bus N171 also Holborn Station to

**Road Station** 

N171

Aldwych,

Walworth Road

172 Moorgate (Finsbury Square) St. Paul's Station St. John Street. Islington (Angel) Elephant & Castle Hemingford Road, Bricklavers Arms Barnsbury, Old Kent Road New Cross, Mackenzie Road, Brockley, Holloway (Nag's Head), Crofton Park,

Sloane Square Fulham Road. Fulham Broadway Hammersmith 214 124 se (Finsbury Square Old Street Station. Islington (Angel) King's Cross,

211

Waterloo

County Hall,

Westminster

228 Maida Hill (The Chippenha Ladbroke Grove. Holland Park, Shepherd's Bush White City Bus Station White City Estate. Bloemfontein Road East Acton, Old Oak Common Willesden Junction

Camden Town.

Kentish Town.

Central Middlesex Hospital, 242 Road Station Holborn Station Holborn Circus, St. Paul's,

Liverpool Street Shoreditch Kingsland Road, Clapton Park. **Homerton Hospita** 

333 Elephant & Castle Kennington Oval Brixton Hill, Streatham Hill, Streatham. Mitcham Lane, Southcroft Road

**Euston Station** 341 Camden Town Camden Road. County Hall Holloway (Nag's He Holborn Circus Stamford Hill. Mount Pleasan Islington (Angel Hackney Central Newington Gre Night bus N253 Manor House, continues to: West Green Whitechapel,

> **Angel Road** Superstores New Cross Gate Telegraph Hill, Cheltenham Road Peckham Rye,

Southampton Way, North Peckham, Cambridge Heath Rodnev Road. Elephant & Castle, London Bridge Station Route 343 Holloway (Nag's Head) Night bus N253 City Hall or Night bus N343 Camden Town, Road Station

King's Cross Caledonian Road, Holloway (Nag's Finsbury Par Manor House. Seven Sisters, Upper Edmontor Edmonton Green

(Finsbury Square) Old Street Station, Essex Road Station, Highbury & Islington Holloway (Nags Head Archway Station. Highgate Village

Moorgate

The Zoo. Baker Street Lancaster Gate

**N63** Crystal Palac Sydenham Hil Clapham Junction, Honor Oak, Wandsworth Comm Peckham Rye Streatham High Road. Old Kent Road, Streatham Hill Bricklayers Arms Elephant & Castle Night bus N63

arringdon Road

328 Chelsea (World's End) Earl's Court. Kensington High St Westbourne Park. N381 Golders Green

**County Hall** Southwark Street London Bridge Station City Hall, ermondsey Statio Rotherhithe Station **Edgware Road Statio** Salter Road. Redriff Road, Surrey Quays Brent Park (Tesco South Bermondsey Old Kent Road (Canal Bridge) Peckham Park Roa

Peckham Night bus N381 County Hall to: Trafalgar Square does not serve Canada Water

388 Blackfriars verpool Stree Bethnal Greer Cambridge Heath Cassland Road (eastbound) /ictoria Park Road Hackney Wick. Queen Elizabeth

> Bayswater Road, Oxford Circus, Euston Station, King's Cross, York Way, Brecknock Road,

344 24 hour service Liverpool Street (Worship Street Southwark Bridg Southwark Bridg Elephant & Castle Vauxhall.

345 24 hour service

South Kensington

Clapham Junction

Stockwell, Brixton

Fulham Road,

Battersea,

Peckham

Nine Elms,

Parliament Hill Fields Highgate Village 274 Islington (Angel) Market Estate. Agar Grove,

Harlesden. Sloane Square

332 **Paddington** 243 D<sup>24</sup> Waterloo Holborn Station Cricklewood Clerkenwell Green Old Street, Shoreditch Kingsland Road Stoke Newingtor

Night bus N253 also

continues from

Euston Station to:

**Road Station** 

Clapton,

Finsbury Park

Stamford Hill, Seven Sisters Lordship Lane, Wood Green 253 **Tooting Broadway N253** 

Olympic Park, Stratford City

> Notting Hill Gate Tottenham Court Road **Archway Station**

Sands End (Sainsbury's) Hammersmith. Stamford Brook Kew Bridge, Kew Gardens Station. North Sheen,

393 Kentish Town, Highbury & Islingtor Highbury New Park, Stoke Newington Upper Clapton, Clapton Pond

476 Chalk Farm (Morrisons Euston Station King's Cross Islington (Angel) Newington Gree Stoke Newington, Stamford Hill, Seven Sisters, Northumberland P

394 Islington (Angel) Broadway Market London Fields, Hackney Central, Homerton Hospital 414

Camberwell Green, **Putney Bridge Station** Fulham Broadway, South Kensington, Hyde Park Corner, Elephant & Castle Marble Arch, Edgware Road Station Vauxhall, Pimlico Warwick Avenue Sloane Square, South Kensington, Maida Hill Exhibition Road, (The Chippenham Roval Albert Hall. Kensington (Prince Consort Road)

415

Elephant & Castle Kennington Oval Brixton, Tulse Hill, Tulse Hill Station 430 Barbican. South Kensington Lever Street Lillie Road Fulham Cross,

Dover House Road Roehampton (Danebury Avenue) 436 **Paddington** Marble Arch. Hyde Park Corne

Vauxhall. Kennington Oval Camberwell Green, New Cross, Lewisham A night service is Paddington and New Cross (see 36 listing) and betwee Victoria and Lewisha (see N136 listing) 452

Battersea Park

Chelsea Bridge

Sloane Square

Knightsbridge

Notting Hill Gate

Ladbroke Grove.

Kensington,

New Cross,

**N68** 

Deptford Bridge

Walworth Road,

Denmark Hill,

Tulse Hill Station

West Norwood,

Upper Norwood,

Whitehorse Road.

South Croydon

Night bus N68

continues to:

Purley, Coulsdon

Old Coulsdon

Holborn Station,

Tottenham Court

Road Station

Herne Hill,

Beulah Hill.

C2 24 ser Wandsworth Road Hvde Park Corner Berkeley Square, Oxford Circus, **Great Portland Street** Kentish Town, Parliament Hill Fields

Kensal Rise Station 453 24 hour service Earl's Court (Tesco Marylebone Station Baker Street Station Great Portland Street Sands End (Sainsbury's Wandsworth Bridge, Plough Road. Piccadilly Circus Clapham Junction Trafalgar Square Elephant & Castle Bricklayers Arms Old Kent Road,

C10 Tate Britain County Hall. Elephant & Castle Borough, Abbey Street, Redriff Road, Canada Water

Croydon town centre, Night bus N68 also Mill Lane, Elephant & Castle to: Cricklewood. Waterloo, Aldwych,

RBI

London Bridge Cit Tower Pier. Canary Wharf Pier Masthouse Terrace nwich Pier. North Greenwich Pier Woolwich Arsenal

Lambeth Bridge, Elephant & Castle, Bermondsey Station, Rotherhithe Station Rotherhithe Street

**Archway Station** 



he River Thames. all of these boats. mbankment Pi

(Mondays-Fridays Bankside Pier,

Elephant & Castle Brandon Estate, Myatts Fields, Loughborough Pa Bedford Road Clapham North, Nine Elms (Patmore Estate) RVI Covent Garden Aldwych,

Royal Festival Hall,

Tooley Street

Tower Bridge,

Russell Square

X68

Tower Gateway

London Bridge Station

Key bus routes in central London

Horseferry Roa Holborn Station Holborn Circus St. Paul's, Cannon Street London Bridge

Waterloo

County Hall,

Lambeth Bridge,

Holborn Station West Norwood, Beulah Hill. (Bridport Place) Upper Norwood hornton Heath Whitehorse Road Chapel Street Market West Croydon Skinner Street, vards Russell Squa Chapel Street Market evenings towards Islington Green,

(Bridport Place) Travelcards and Dystercards are no accepted.

Sloane Square, Knightsbridge, South Kensington Earl's Court, Kensington High S Holland Road. Shepherd's Bush. White City (Bus Station)

West Hampstead, North Cricklewood. Brent Cross Shopping



ndon Eve Pier Blackfriars Pier

Bankside Pier Millbank Pier. RB6 Blackfriars Pier

> Quarter Pier, Putney Pier Monday to Friday



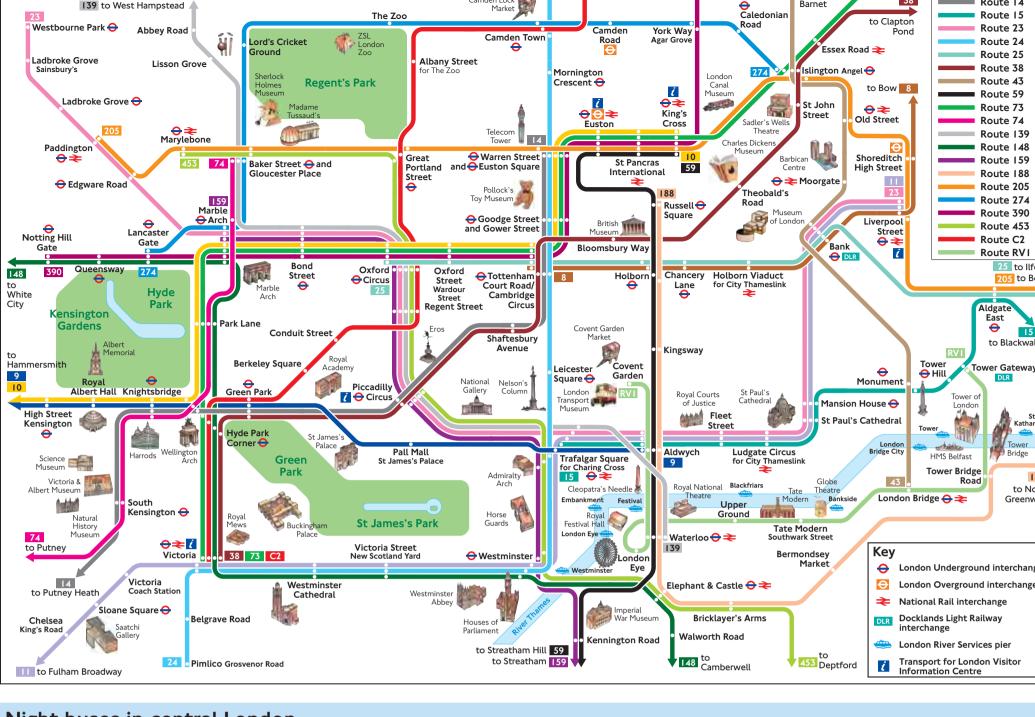






Embankment Pie St George Wharf Pier RB6 is running

Embankment Pier St George Wharf Pier, Cadogan Pier (Chelsea) Chelsea Harbour Pier, Wandsworth Riverside London Bridge City



Route 9

Route 14

Route 38

Route 59

Route 73

Route 148

Route 159

Route 74

Route 139

Route 188

Route 20!

Route 390

Route 453

Route RV1

Route C2

Route 274

Route 10

Route 15

Route 23

Route 24

Route 25

