

# Journey Times and Emissions of Powered Two Wheelers (PTWs) Using Bus Lanes

### **Initial Route Assessment**

All Routes finish at Palestra, 197 Blackfriars Road, London SE1 8NJ

Notes\ - Questions and discussion points

\* Google Maps shows no *Inbound* bus lane (at 6<sup>th</sup> January 2010)

ROUTE 1	HAMPSTEAD	A1 ARCHWAY RD/A1000 GREAT NORTH RD	ROUTE LENGTH (Km)
Archway Rd, Holloway Rd, Upper St, Pentonville Rd, Penton Rise, Kings Cross Rd, Farringdon Rd, Farringdon St, New Bridge St, Blackfriars Bridge, Blackfriars Rd.			8.72(TfL estimate) LTP Checked

#### Notes\

#### Holloway Road south-eastbound

• Delays experienced in AM and Inter Peak periods in south-eastbound bus lane at junction with Tufnell Park Road, caused by blocking back from A1 Holloway Road junction with A503 Seven Sisters Road. This is caused by a combined short link length and the bus stop outside the Post Office between Tufnell Park Road and Seven Sisters Road. Left turning traffic cannot get into the nearside lane past buses so occupy the middle lane. Right turning traffic from Tufnell Park Road sometimes turn into the third lane if faced by queues over the junction and then try to cross over two lanes to turn left, causing further delays to southbound traffic and blocking back over the junction.

# This is likely to affect both proposed PTWs and car jts.

- A proposal to relocate the bus stop to a position immediately south of Windsor Road is being considered by TfL TDE Team (Kwong-Chung Law), as part of the A1 Nags Head Study (an AECOM commission). London Buses think that this will inconvenience passengers.
- No significant southbound delays in between junctions with A503 Seven Sisters Road and south of the junction with Loraine Road.

## **Holloway Road north-westbound**

 Delays particularly in the PM peak period.at the signalised junctions with A503 Tollington Road/Camden Road; A503 Parkhurst Road/Seven Sisters Road; and Tufnell Park Road.

#### **Highbury Corner**

 A large-scale traffic management project is being developed for Highbury Corner by AECOM on behalf of TfL Major Projects. Michael O'Callaghan is the TfL contact for the scheme.

Roads on ROUTE 1	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
A1 Archway Road Inbound Start at junction with Sheldon Avenue	Between Hornsey Lane Gardens and Holloway Road <b>700m</b>	At Any Time
Holloway Road Inbound (then south through Highbury Corner, and continue left onto the A1)	<ul> <li>Between St John's Villas and south of junction with Fortnam Road 450m</li> <li>South of junction with Kingsdown Road to junction with Tufnell Park Road 400m</li> </ul>	<ul><li>Mon-Sat 7am-7pm</li><li>Mon-Sat 7am-7pm</li></ul>
	<ul> <li>Half of link between junctions with Seven Sisters Road and Tollington Road 100m</li> <li>South of junction with Loraine Road</li> </ul>	<ul><li>At Any Time</li><li>At Any Time</li></ul>



Roads on ROUTE 1	Length(s) of Inbound bus	Hours of Bus Lane
	lane by road (KM)	Operation
	to junction with Hornsey Road <b>250m</b> • Junction with Hornsey Road to Highbury Corner 650m	Mon-Sat 7am-7pm
Upper Street Inbound	<ul> <li>South of junction with Compton         Terrace to junction with Canonbury         Lane 300m     </li> <li>South of junction with Gaskin Street</li> </ul>	<ul><li>Mon-Sat 7am-7pm</li><li>Mon-Sat 7am-7pm</li></ul>
Pentonville Road Inbound (and Penton Rise (One-way south-westbound)) * Kings Cross Road	to junction with Liverpool Road <b>500m</b>	
Inbound * Farringdon Road Inbound	South of junction with Margery Street to north of junction with Roseberry Avenue <b>250m</b>	Mon-Sat 7am-7pm
	<ul> <li>South of junction with Vineyard Walk to north of junction with Vine Street Bridge 250m</li> </ul>	Mon-Sat 7am-7pm
	South of junction with Clerkenwell     Road to junction with Cowcross     Street 200m	Mon-Sat 7am-7pm
Farringdon Street Inbound	<ul> <li>South of the Holborn Viaduct to north of junction with Fleet Place</li> <li>200m</li> </ul>	Mon-Sat 7am-7pm
New Bridge Street Inbound *		
Blackfriars Bridge Inbound Blackfriars Road Inbound	The Bridge 150m	At Any Time
*		

Total estimated length of Inbound bus lane = 3,750m out of 8,720m, approx. 43% Inbound route coverage.



ROUTE 2	TOTTENHAM 1	A10 GREAT CAMBRIDGE RD/A406	ROUTE LENGTH (KM)
		NORTH CIRCULAR	
Great Cambrid	Great Cambridge Rd, The Roundway and Lordship Lane, Bruce Grove, High Rd,		
Stamford Hill, Rectory Road, Manse Road and Evering Road, Stoke Newington		17 (LTP estimate)	
Rd, Kingsland Rd, Kingsland High Street, Shoreditch High Street, Norton			
Folgate and Bishopsgate, Gracechurch St, London Bridge (King William			
Street), South	Street), Southwark St, Blackfriars Rd.		

# **High Road northbound**

 Delays experienced Outbound in Inter and PM Peak periods at junction with Bruce Grove, partly due to number of bus services.

#### **High Road southbound**

 Contra-flow segregated busway between junctions with Monument Way and Broad Lane should provide consistent journey times. General traffic can re-join High Road at the junction with Broad Lane.

#### **Stamford Hill southbound**

• Southbound traffic must divert down Rectory Road at the junction with Stoke Newington High Street, which is one-way northbound, and re-join Stoke Newington Road at the junction with Evering Road.

Roads on ROUTE 2	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Great Cambridge Road Inbound Start at south side of junction with A406 North Circular Road The Roundway Inbound *	South of junction with Wilbury Way to junction with Laburnum Avenue     850m	Mon-Fri 7am-10am
and Lordship Lane* Bruce Grove Inbound*		
High Road Inbound	South of junction with Somerset Road to junction with Broad Lane <b>150m</b>	At Any Time
Monument Way		
Broad Lane	North of junction with Ferry Lane to junction with Cunningham Road     400m	Mon-Sun 7am-7pm
High Road Inbound	<ul> <li>Junction with Broad Lane to north of junction with Wargrave Avenue 600m</li> </ul>	• 7am-7pm
Stamford Hill Inbound	<ul> <li>South of junction with Portland         Avenue to junction with Windus Road     </li> <li>500m</li> </ul>	Mon-Fri 7am-7pm
Rectory Road Inbound (One-way southbound)	<ul> <li>Junction with Northwold Road to Stoke Newington Common 200m</li> <li>South of junction with Brook Road to north of junction with Evering Road 200m</li> </ul>	<ul><li>7am-7pm</li><li>7am-7pm</li></ul>
Manse Road and Evering Road (Both one-way westbound)*		



Roads on ROUTE 2	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Stoke Newington Road Inbound	<ul> <li>South of junction with Amhurst Road to junction with Farleigh Road 150m</li> <li>Junction with Prince George Road to junction with Millers Terrace 250m</li> </ul>	<ul><li>7am-7pm</li><li>7am-7pm</li></ul>
Kingsland High Street	South of junction with Sandringham     Road to north of junction with     Dalston Lane <b>500m</b>	• 7am-7pm
Kingsland Road Inbound	<ul> <li>South of junction with Forest Road to junction with Dunston Road 150m</li> <li>Junction with Orsman Road to north of junction with Laburnum Street</li> </ul>	<ul><li>7am-7pm</li><li>7am-7pm</li></ul>
	<ul> <li>200m</li> <li>South of junction with Whiston Road to north of junction with Cremer Street 550m</li> </ul>	• 7am-7pm
	<ul> <li>South of junction with Cremer Street to north of junction with Old Street</li> <li>200m</li> </ul>	• 7am-7pm
Shoreditch High Street Inbound*	•	•
Norton Folgate and Bishopsgate Inbound	<ul> <li>Bishopsgate south of junction with Spittal Square to junction with Houndsditch 100m</li> <li>Bishopsgate south of junction with Camomile Street for 50m (est).</li> </ul>	<ul><li>7am-7pm</li><li>At Any Time</li></ul>
Gracechurch Street	cumonine street for <b>30iii (est).</b>	
Inbound* London Bridge (King William Street) Inbound* Southwark Street Inbound*		
Blackfriars Road Inbound*		

Total estimated length of Inbound bus lane = 5,200m - 550 + 400m = 5,050 out of 17,000m, approx. 29.7% Inbound route coverage.



ROUTE 3	TOTTENHAM 2 A10 GREAT CAMBRIDGE RD/A406 NORTH		ROUTE LENGTH
		CIRCULAR	(KM)
Great Cambrid	Great Cambridge Rd, The Roundway and Lordship Lane, Bruce Grove,		
High Rd, Seven Sisters Rd, Isledon Rd, Tollington Rd, Camden Rd, Camden High St or			24 (LTP estimate)
Oakley Square and Lidlington Place?, Hampstead Rd, Euston Road?, Pentonville Rd,			
City Rd, Old Street?, Great Eastern Street?, Bishopsgate, Gracechurch St?, London			
Bridge, Southwark St, Blackfriars Rd.			

# A503 Seven Sisters Road north-eastbound (these SSRd notes should not be applicable to this Inbound assessment)

- Very high numbers of bus services with a maximum of 66 services hourly throughout the day inclusive
  of AM and PM peaks. These often result in services stacking back from the bus stops north of
  junctions with Hercules Place and north of Axminster Road.
- Stacking exacerbated by delays from puffin crossing south of junction with Hercules Place. Platoons of traffic from A503 Parkhurst Road sometimes queues back from this crossing just over the pedestrian crossing at the junction with A1 Holloway Road, delaying north-eastbound traffic.
- The A1 Nags Head Study (an AECOM commission), proposes to widen the northern footway, north of the junction with Hercules Place to the junction with Axminster Road. The existing bus lane will be removed between these points, causing buses to merge with general traffic. The scheme is intended to provide improved space for pedestrians, given current congestion on footways and incidents involving pedestrians stepping off footway and being struck by vehicles. Kwong-Chung Law of the TfL TDE Team is the contact for this work.
- A road safety scheme is proposed at the junction with A103 Hornsey Road, which includes ASLs and surface treatments on junction approaches. This is another AECOM commission and Kwong-Chung Law of the TfL TDE Team is also the contact for this work

#### **A503 Tollington Road south-westbound**

• South-westbound bus lane ends at a set-back from the junction with the A1 Holloway Road, after which motorcycles – like buses - will be required to merge with general traffic to cross the junction with the A1 into A503 Camden Road, from lane 1 to lane 3. South-westbound traffic generally queues in lanes 2-4 in Tollington Road at the junction with the A1 Holloway Road for much of the day, past the junction with Hertslett Road. This means crossing two lanes will be difficult for motorcycles, and it is likely that they would merge with lane two where the bus lane meets the junction with Hertslett Road. This will make it easier for them to get over to lane 3.

#### **Camden High Street**

• This is one-way northbound; should this be Camden Street and then Oakley Square and Lidlington Place?

#### **Euston Road**

Will the route follow Euston Road to link Hampstead Road to Pentonville Road?

#### **City Road to Bishopsgate**

Is the proposed route as shown above, via Old Street and Great Eastern Street?

Roads on ROUTE 3	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Great Cambridge Road Inbound Start at south side of junction with A406 North Circular Road	<ul> <li>South of junction with Wilbury Way to junction with Laburnum Avenue 850m</li> </ul>	● Mon-Fri 7am-10am
The Roundway Inbound* and Lordship Lane*		



Roads on ROUTE 3	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Bruce Grove Inbound*	. ,	
High Road Inbound	South of junction with Somerset Road to junction with Broad Lane <b>700m</b>	At Any Time
Monument Way		
Broad Lane	<ul> <li>North of junction with Ferry Lane to junction with Cunningham Road</li> <li>400m</li> </ul>	Mon-Sun 7am-7pm
High Road Inbound	<ul> <li>Junction with Broad Lane to north of junction with Wargrave Avenue</li> <li>Buses on this route won't enter this</li> </ul>	• 7am-7pm
Seven Sisters Road Inbound	<ul> <li>South-west of junction with Greenfield Road to junction with St Ann's Road 250m</li> </ul>	Mon-Sat 7am-7pm
	<ul> <li>50metres south of junction with St Ann's Road to junction with Vartry Road 200m</li> </ul>	Mon-Sat 7am-7pm
	<ul> <li>South of junction with Amhurst Park to junction with Woodbury Down</li> <li>450m</li> </ul>	At Any Time
	<ul> <li>Junction with Green Lanes to junction with Finsbury Park Road 500m</li> </ul>	Mon-Sun 7am-7pm
Isledon Road Inbound (One-way south-	<ul> <li>Start of road to north of junction with Coleridge Road 200m</li> </ul>	At Any Time
westbound)	<ul> <li>North of junction with Yonge Park to Tollington Road 300m</li> </ul>	Mon-Sun 7am-7pm
Tollington Road Inbound (One-way south- westbound)	<ul> <li>Isledon Road bus lane continuation to north of junction with Hornsey Road 300m</li> </ul>	Mon-Sun 7am-7pm
	<ul> <li>South of junction with Hornsey Road to junction with Hertsletts Road</li> <li>250m</li> </ul>	Mon-Sun 7am-7pm
Camden Road Inbound (One-way south- westbound to junction	<ul> <li>From junction with Caledonian Road to junction with Hilmarton Road 400m</li> </ul>	Mon-Sun 7am-7pm
with A503 Parkhurst Road)	<ul> <li>From junction with Hilmarton Road to south of junction with Hilldrop Crescent 200m</li> </ul>	Mon-Sat 7am-1pm
Camden Road Inbound (One-way south- westbound to junction with A503 Parkhurst Road)	<ul> <li>From junction with Camden Park Road to north of junction with St Pancras Way 350m</li> </ul>	Mon-Fri 7am-10am
Camden Street Inbound* Oakley Square* and		
Lidlington Place*		



Roads on ROUTE 3	Length(s) of Inbound bus lane by	Hours of Bus Lane Operation
	road (KM)	
Hampstead Road Inbound	<ul> <li>From junction with Lidlington Place to north of junction with Cardington Street 250m</li> </ul>	Mon-Fri 7am-10am
	<ul> <li>From junction with Netley Street to north of junction with Drummond Road 150m</li> </ul>	Mon-Fri 7am-10am
Euston Road Inbound	From junction with Hampstead Road to junction with Grafton Place <b>250m</b>	At Any Time
	<ul> <li>From junction with Mabledon Place to junction with York Way 700m</li> </ul>	At Any Time
Pentonville Road Inbound*		
City Road Inbound	<ul> <li>South of junction with Oakley Crescent to junction with East Street 750m</li> </ul>	Mon-Sat 7am-7pm
Old Street Inbound	<ul> <li>From junction with City Road to junction with Pitfield Street 100m</li> </ul>	<ul> <li>Mon-Sat 7am-10am</li> <li>4pm-7pm</li> <li>Sun 10am-4pm</li> </ul>
Shoreditch High Street Inbound*		
Norton Folgate and Bishopsgate Inbound	<ul> <li>Bishopsgate south of junction with Spittal Square to junction with Houndsditch 100m</li> </ul>	• 7am-7pm
	<ul> <li>Bishopsgate south of junction with Camomile Street for 50m (est).</li> </ul>	At Any Time
Gracechurch Street Inbound*		
London Bridge(King William Street) Inbound*		
Southwark Street Inbound*		
Blackfriars Road Inbound*		

Total estimated length of Inbound bus lane = **7,300m** -**550** + **400m** = **7,150** out of **24,000m**, **approx. 29.8% Inbound route coverage.** 



ROUTE 4	RIPPLE ROAD	A13/A123 RIPPLE RD/A1153 LODGE	ROUTE
		AVENUE	LENGTH(S) (KM)
Alfreds Way, Newham Way, East India Dock Rd, Burdett Rd, Mile End Rd, Whitechapel			22.64(TfL
Rd, Commercial Rd, Branch Rd, Rotherhithe Tunnel, <u>Brunel Rd</u> ?, Southwark Bridge			estimate)
Road, Jamaica	Road, Jamaica Rd, Druid St, St.Thomas St, Southwark St, Blackfriars Rd.  LTP Checked		

#### Likely Inbound Route for motorcyclists and drivers not using the bus lane

 Alfreds Way, Newham Way, East India Dock Rd, Commercial Road, Branch Road, Rotherhithe Tunnel, Southwark Bridge Road, Jamaica Rd, Druid St, St.Thomas St, Southwark St, Blackfriars Rd.

# The Likely Inbound Route for motorcyclists using the bus lane is as shown above and in the roads on ROUTE 4 column below.

Motorcyclists will be able to use bus lanes on this route but is seems to go a long way out of a drivers way to cross the Thames by this route. Is this likely to be used and therefore is it worthwhile trying to compare journey times? (Think local knowledge and advice needed on this one) Steven Murray – Spoke with Mark Jessup 13/01/10. Agreed we should compare like-with-like, so both PTWs and the car will use Commercial Road westbound to the Rotherhithe Tunnel and not the Burdett Road detour.

#### **Brunel Road**

• This would only be used heading east, above the Rotherhithe Tunnel, along the south bank of the Thames.

# **Rotherhithe Tunnel**

• Can't see on Google Maps, but don't think it features an Inbound bus lane.

Roads on ROUTE 4	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Alfreds Way Inbound* Start to west of junction with A1153 Lodges Avenue		
Newham Way Inbound*		
East India Dock Road Inbound	<ul> <li>East India Dock Road at the Silvertown Way on-slip to the Blackwall Tunnel 900m</li> </ul>	At Any Time
	<ul> <li>West of junction with Cotton Street to junction with Burdett Road 1,600m</li> </ul>	Mon-Sat 7am-7pm
Burdett Road	<ul> <li>North of Burdett Road access to</li> </ul>	Mon-Fri 7am-10am
northbound	south of junction with Thomas Road	4pm-7pm
	North or junction with seager Flace to south of egress from Bargate Avenue 150m	Mon-Fri 7am-10am 4pm-7pm
	<ul> <li>North of junction with Bow Common Lane to junction with Mile End Road</li> <li>200m</li> </ul>	<ul><li>Mon-Fri 7am-10am</li><li>4pm-7pm</li></ul>
Mile End Road Inbound	<ul> <li>From junction with Burdett Road to junction with White Horse Lane</li> <li>West of junction with Beaumont</li> </ul>	<ul><li>Mon-Sat 7am-10am</li><li>4pm-7pm</li><li>Mon-Sat 7am-10am</li></ul>
	W NOT USED     to writteen with Cophac Street     NOT USED	4pm-7pm Mon-Sat 7am-10am 4pm-7pm
	Total 1,900m	, ,



Roads on ROUTE 4	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Whitechapel Road Inbound	• F NOT USED	Mon-Sat 7am-10am 4pm-7pm
Commercial Road eastbound	NOT USED Row 1,600m	Mon-Sat 7am-10am 4pm-7pm
Commercial Road westbound Branch Road Inbound* Rotherhithe Tunnel Inbound*	From East India Dock Road to junction with Branch Road.	
Southwark Bridge Road Inbound	<ul> <li>From junction with Lower Road to west of junction with Drummond Road Total 1,500m</li> </ul>	At Any Time
Jamaica Road Inbound	<ul> <li>From junction with St James Road to junction with Sweeney Crescent Included in 1,500m above</li> </ul>	At Any Time
Druid Street Inbound* (One-way north- westbound)		
St Thomas Street Inbound (One-way westbound) *		
Southwark Street Inbound* Blackfriars Road Inbound*		

Total estimated length of Inbound bus lane = **4,000m** out of **17,140m**, **approx. 23.3% Inbound route coverage.** 



ROUTE 5	WOOLWICH	A205 GRAND DEPOT RD/JOHN WILSON ST	ROUTE LENGTH(S) (KM)
Grand Depot Rd, Woolwich Common, Academy Rd, Well Hall Rd, Westhorne Ave, Eltham Rd, Lee High Rd, Loampit Vale, Loampit Hill,		18.69 (TfL estimate) LTP Checked	
Lewisham Way, New Cross Rd, Old Kent Rd, New Kent Road Elephant & Castle, St.Georges' Rd, Westminster Bridge Rd, Blackfriars Rd.			

#### A20 Lewisham Way north-westbound

• Very high inbound flows particularly in AM peak periods. Should see benefits through this length of route. Some delays at signalised junction with Parkfield Road as part of the Amersham Gyratory and the point where the A20 merges with the A2, and other prioritised bus routes.

#### **A2 New Cross Road westbound**

- Some delays experienced though crossings and signalised junctions at New Cross Gate train station and adjacent Sainsburys entrance and exit.
- Motorcyclists must take care drving through the contra-flow bus gate at the signalised junction with Queens Road. Articulated bus services still use this route and tend to occupy the entire waiting reservoir on a red signal, which will make the manoeuvre difficult for motorcyclists. General traffic is routed west down Queens Road, then north up Kender Street, to re-join the A2 New Cross Road again, or take Kender Street, then east along Besson Street to rejoin the A2 earlier. The short length of New Cross Road between the junctions with Queens Road and Besson Street features a north-eastbound contra-flow bus lane, that merges with general traffic after the junction with Besson Street. The journey times comparison between the motorcycles using the bus lane and that using the alternative route with the car should show a difference.

#### **A2 Old Kent Road**

- There are likely to be some delays with westbound traffic queuing back from the junction with Ilderton Road, though on average, motorcyclists would benefit from the westbound bus lane which commences before that junction.
- A casualty reduction scheme has been proposed to introduce a dedicated right-turn phase into the signals sequence for right turning traffic from Old Kent Road into St. James Road. This scheme would require the removal of the length of westbound bus lane between the junctions of Peckham Park Road and St. James Road and a new bus lane set-back from the junction of Peckham Park Road. This was an AECOM scheme delivered to TfL in 2007 through the Route 53 project for the Bus Priority Team, but it is not known whether this scheme is being progressed.

#### **A2 Elephant and Castle**

A bus stop reorganisation scheme was developed for this gyratory by AECOM for TfL. The Bus Priority
Team should know some of the details of this scheme and whether the proposals would impact on
motorcycle and bus journey times here. David McKenna of the TfL Bus Priority Team may still be
responsible for this area.

Roads on ROUTE 5	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Grand Depot Road		
Inbound*		
Start at junction with		
John Wilson Street		
Woolwich Common		
Inbound*		
Academy Road Inbound	<ul> <li>From junction with Woolwich Common to north of egress from Academy Place 400m</li> </ul>	Mon-Sat 7am-7pm



Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
<ul> <li>West of the junction with Westhorne Avenue to east of junction with Sidcup Road 250m</li> <li>Addison Drive to junction with Leyland Drive 800m</li> </ul>	<ul> <li>Mon-Sat 7am-10am 4pm-7pm</li> <li>Mon-Sat 7am-10am 4pm-7pm</li> </ul>
Oscar Street to New Cross Road     1,400m	At Any Time
<ul> <li>Junction with Lewisham Way to New Cross Gate Railway Bridge 200m</li> </ul>	At Any Time
<ul> <li>East of junction with Ilderton Road to east of junction with Asylum Road</li> <li>350m</li> <li>Ruby Street to the junction with St Jame's Road 200m</li> </ul>	<ul> <li>Mon-Sat 7am-10am 4pm-7pm</li> <li>Mon-Sat 7am-10am 4pm-7pm</li> </ul>
	Mon-Sat 7am-10am
Glengall Road <b>200m</b>	4pm-7pm
<ul> <li>North east of junction with East Street to the start of New Kent Road</li> <li>150m</li> </ul>	Mon-Sat 7am-7pm
From the end of Old Kent Road to East of Elephant and Castle <b>700m</b>	Mon-Sat 7am-7pm
From the Elephant and Castle to the junction with Geraldine Street 250m	Mon-Sat 7am-10am     4pm-7pm
	West of the junction with Westhorne Avenue to east of junction with Sidcup Road 250m     Addison Drive to junction with Leyland Drive 800m      Oscar Street to New Cross Road 1,400m      Junction with Lewisham Way to New Cross Gate Railway Bridge 200m      East of junction with Ilderton Road to east of junction with Asylum Road 350m     Ruby Street to the junction with St Jame's Road 200m     Malt Street to the junction with Glengall Road 200m     North east of junction with East Street to the start of New Kent Road 150m     From the end of Old Kent Road to East of Elephant and Castle 700m  From the Elephant and Castle to the



Roads on ROUTE 5	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Westminster Bridge Road	From junction with St George's Road	Mon-Sat 7am-10am
Inbound	to Gerridge Street <b>150m</b>	4pm-7pm
(One-way eastbound		
from junction with St.		
Georges' Road to		
Blackfriars Road)		
Blackfriars Road		
Inbound*		

Total estimated length of Inbound bus lane = **5,200m-150 = 5,050m** out of **19,000m, approx. 26.6% Inbound route coverage.** 



ROUTE 6	BROMLEY COMMON	A21 BROMLEY COMMON/A233 OAKLEY	ROUTE LENGTH
		RD	(KM)
Bromley Common, Masons Hill, Kentish Way, Tweedy Rd, London Rd, Bromley Hill,			23.6(TfL estimate)
Bromley Rd, Rushey Green, Lewisham High St, Loampit Vale, Loampit Hill, Lewisham LTP Checket			LTP Checked
Way, New Cross Rd, Queens Rd, Peckham High St, Peckham Rd, Camberwell Church			
St, Camberwell New Rd, Harleyford St, Kennington Oval, Harleyford Rd, South			
Lambeth Rd and South Lambeth Place (bus-only access), Albert Embankment,			
Lambeth Palac	ce Rd, York Rd, Stamford St	, Blackfriars Rd.	

# **Molesworth Street**

Appears from Google Maps that buses can enter Molesworth Street, and then left onto Loampit Vale.

## A20 Lewisham Way north-westbound

As Route 5 above.

#### **A2 New Cross Road westbound**

As Route 5 above.

Likely Inbound Route for motorcyclists and drivers <u>not</u> using the bus lane from Harleyford Rd as they cannot use the bus-only access in South Lambeth Place is;

 Harleyford Road, South Lambeth Road, Parry Street, Wandsworth Road, then over to Albert Embankment.

IF Buses are not allowed to go straight over Kennington Lane, the PTW using the bus lanes should use the same route.

Roads on ROUTE 6	<b>3</b> ( )	
	(KM)	
Bromley Common Inbound Start north of junction with Oakley Road and Hastings Road	North of Oakley House access to south of junction with Rookery Lane	Mon-Fri 7am-10am
Masons Hill Inbound*		
Kentish Way Inbound* Tweedy Road Inbound* London Road Inbound*		
Bromley Hill Inbound*		
Bromley Road Inbound	<ul> <li>South of junction with Oakridge Road to south of junction with Beckenham Hill Road 300m</li> <li>North of junction with Canadian Avenue to south of junction with Sangley Road 400m</li> </ul>	<ul><li>Mon-Fri 7am-10am</li><li>Mon-Sat 7am-7pm</li></ul>
Rushey Green Inbound	<ul> <li>From junction with Catford Broadway to Lewisham High Street 500m</li> </ul>	Mon-Sun 7am-10am     4pm-7pm
Lewisham High Street Inbound (see note on Molesworth St)	<ul> <li>From Rushey Green to south of junction with Romborough Way</li> <li>350m</li> <li>South of junction with Ladywell Road to junction with Whitworth Road</li> </ul>	<ul> <li>Mon-Sat 7am-7pm</li> <li>Mon-Sat 7am-7pm</li> </ul>
Molesworth Street Inbound*	250m	



Roads on ROUTE 6	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Loampit Vale Inbound*		
Loampit Hill Inbound*		
Lewisham Way Inbound (One-way north- westbound north of junction with Amersham Way)	Oscar Street to New Cross Road     1,400m	At Any Time
New Cross Road Inbound	<ul> <li>Junction with Lewisham Way to New Cross Gate Railway Bridge 200m</li> </ul>	At Any Time
Queens Road Inbound	West of junction with Burchell Road to Peckham High Street <b>650m</b>	Mon-Fri 7am-10am     4pm-7pm
Peckham High Street Inbound	From Queens Road to east of junction with Clayton Road 100m	<ul><li>Mon-Fri 7am-10am</li><li>4pm-7pm</li></ul>
Peckham Road Inbound	<ul> <li>West of access to St Giles Road to east of junction with Wilson Road 200m</li> </ul>	<ul><li>Mon-Fri 7am-10am</li><li>4pm-7pm</li></ul>
Camberwell Church	West of junction with Wilson Road to     West on with Crown Lang 700m	Mon-Fri 7am-10am
Street Inbound	junction with Grove Lane <b>700m</b>	4pm-7pm
Camberwell New Road Inbound	<ul> <li>West of junction with Lothian Road to junction with Brixton Road 150m</li> </ul>	Mon-Sun 7am-7pm
Harleyford Street Inbound	<ul> <li>From junction with Kennington Park Road and Kennington Oval 350m</li> </ul>	Mon-Sun 7am-7pm
Kennington Oval Inbound	From Harleyford Street to Harleyford Road <b>400m</b>	Mon-Sun 7am-7pm
Harleyford Road Inbound	<ul> <li>From Harleyford Street/Kennington         Oval to east of junction with Durham         Road 100m     </li> </ul>	Mon-Sun 7am-7pm
South Lambeth Road and South Lambeth Place (Bus-Only access road) Inbound	Into bus / Underground / rail interchange	At Any Time
Albert Embankment Inbound	<ul> <li>From junction with Vauxhall Bridge Road to junction with Tinworth Street 750m</li> <li>North of junction with Tinworth</li> </ul>	<ul><li>Mon-Sat 7am-7pm</li><li>Mon-Sat 7am-10am</li></ul>
	Street to south of junction with Lambeth Road <b>250m</b>	4pm-7pm
Lambeth Palace Road Inbound	North of entrance to St Thomas     Hospital to north of junction with     Royal Street 1,000m	Mon-Sat 7am-10am     4pm-7pm
York Road Inbound	<ul> <li>North of junction with Chichely Street to south of the Concert Hall Approach</li> <li>300m</li> </ul>	At Any Time



Roads on ROUTE 6	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Stamford Street Inbound*		
Blackfriars Road Inbound*		

Total estimated length of Inbound bus lane = **8,350m** out of **23,600m, approx. 35.4% Inbound route coverage.** 



ROUTE 7	HOOLEY	A23 BRIGHTON RD/STAR LANE	ROUTE LENGTH (KM)
Streatham Hig	h Rd, Streatham Hill, Brixto tts, Elephant & Castle, St.G	Rd, Purley Way, Thornton Rd, London Rd, on Hill, Brixton Rd, Kennington Park Rd, eorges' Rd, Westminster Bridge Rd,	27.67(TfL estimate) LTP Checked

# **Brighton Road**

• No view of bus lanes on Google Maps.

# **Coulsden By-Pass**

• Google Maps shows this under construction.

# **Purley Way**

- Likely route from Brighton Road to Purley Way is via Barnstead Road and Foxley Lane around that gyratory.
- No view of bus lanes on Google Maps.

**Elephant and Castle** As Route 5 above.

Roads on ROUTE 7	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation	
A23 Brighton Road Inbound Start at junction with Dean Lane	No view of bus lanes on Google Maps.		
Coulsden By-Pass Inbound	<ul> <li>Google Maps shows this under construction.</li> </ul>		
Brighton Road Inbound	<ul> <li>North of junction with Purley Rise to south of junction with Purley Road</li> <li>150m</li> </ul>	At Any Time	
Purley Way Inbound*			
Thornton Road Inbound*			
London Road Inbound	From St Helen's Road to junction with Roche Road <b>300m</b>	Mon-Sat 7am-1pm     4pm-7pm	
	<ul> <li>From Acacia Road to Streatham High Road <b>350m</b></li> </ul>	<ul><li>Mon-Sat 7am-1pm</li><li>4pm-7pm</li></ul>	
Streatham High Road Inbound	From the end of London Road to the junction with Colmer Road 400m	Mon-Sat 7am-1pm     4pm-7pm	
	<ul> <li>From junction with Green Lane to north of Kempshott Road 200m</li> </ul>	<ul> <li>Mon-Sat 7am-1pm</li> <li>4pm-7pm</li> </ul>	
	<ul> <li>Junction with Lewin Road to Streatham Railway Station 150m</li> </ul>	At Any Time	
	<ul> <li>North of junction with Stanthorpe Road to south of junction with Tooting Beck Gardens 100m</li> </ul>	Mon-Sat 7am-1pm     4pm-7pm	
Streatham Hill Inbound	Junction with Telford Hill to south of junction with Streatham Place 250m	Mon-Sat 7am-7pm	
Brixton Hill Inbound	North of junction with Felsberg Road to junction with Porden Road <b>600m</b>	<ul> <li>Mon-Sat 7am-10am</li> <li>4pm-7pm</li> </ul>	



Roads on ROUTE 7	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Brixton Road Inbound	<ul> <li>North of junction with Gresham Road to junction with Stockwell Road 100m</li> <li>North of junction with St John's Crescent to the junction with Prima Road 150m</li> </ul>	<ul><li>At Any Time</li><li>Mon-Sat 7am-10am 4pm-7pm</li></ul>
Kennington Park Road Inbound	North of junction with Magee Street to south of the junction with Kennington Lane <b>200m</b>	Mon-Sat 7am-10am     4pm-7pm
Newington Butts Inbound	South of junction with Dante Road to south of Elephant and Castle 200m	Mon-Fri 7am-10am
Elephant and Castle Inbound*		
St. Georges' Road Inbound	From the Elephant and Castle to the junction with Geraldine Street 250m	Mon-Sat 7am-10am     4pm-7pm
Westminster Bridge Road Inbound	From junction with St George's Road to Gerridge Street <b>150m</b>	Mon-Sat 7am-10am     4pm-7pm
Blackfriars Road Inbound*		

Total estimated length of Inbound bus lane = **3,550m** out of **27,670m approx**. **12.8% Inbound route coverage**.



ROUTE 8	SUTTON	ROSE HILL ROUNDABOUT	ROUTE LENGTH (KM)
St.Helier Ave, Morden Hall Rd, Morden Rd, Merantum Way, Christchurch Rd,			16.57 (TfL
High St Colliers Wood, Tooting High St, Upper Tooting Rd, Balham High Rd, Balham			estimate)
Hill, Clapham Common South Side, Clapham High St, Clapham Rd, Kennington Park			LTP Checked
Rd, Newington Butts, Elephant & Castle, St.Georges' Rd, Westminster Bridge Rd,			
Blackfriars Rd.			

# **Elephant and Castle**

As Route 5 above.

# **Clapham Road**

 Including movement around clock tower traffic island on South Lambeth Road and back onto Clapham Road.

Produce BOUTE 0				
Roads on ROUTE 8	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation		
A297 St Helier Avenue Inbound Start north of the Rosehill Roundabout Morden Hall Road	From north of Cartmel Gardens to south of Morden Road roundabout 600m	Mon-Fri 7am-10am		
Inbound*				
Morden Road Inbound	<ul> <li>North of Kenley Road to south of junction with Parkleigh Road</li> <li>North of junction with Jubilee Way to junction with Merantum Way 650m</li> </ul>	<ul> <li>Mon-Sat 7am-10am 4pm-7pm</li> <li>Mon-Sat 7am-10am 4pm-7pm</li> </ul>		
Merantum Way Inbound*				
Christchurch Road Inbound*				
High St Colliers Wood Inbound*				
Tooting High Street Inbound	<ul> <li>North of junction with Carwell Street to junction with Garratt Terrace</li> <li>150m</li> </ul>	Mon-Sat 7am-7pm		
Upper Tooting Road Inbound*				
Balham High Road Inbound*				
Balham Hill Inbound	<ul> <li>From south of junction with Clarence Mews to south of junction with Hazelbourne Road 700m</li> </ul>	Mon-Sat 7am-10am     4pm-7pm		
Clapham Common South Side Inbound	From north of the junction with     Rookery Road to south of junction     with Clapham Park Road <b>300m</b>	At Any Time		
Clapham High Street Inbound	From south of junction with Prescott     Place to Clapham Road <b>300m</b>	Mon-Sat 7am-10am     4pm-7pm		



Roads on ROUTE 8	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Clapham Road Inbound	<ul> <li>From Clapham High Street to north of junction with Mayflower Road 350m</li> <li>North of junction with Jeffreys Road to junction with Stockwell Road 200m</li> <li>North of junction with Lansdowne Way to north of junction with Durand Gardens 100m</li> <li>North of junction with Caldwell Street to south of junction with Harleyford Street 150m</li> </ul>	<ul> <li>Mon-Sat 7am-10am 4pm-7pm</li> <li>Mon-Sat 7am-10am 4pm-7pm</li> <li>Mon-Sat 7am-10am 4pm-7pm</li> <li>Mon-Sat 7am-10am 4pm-7pm</li> </ul>
Kennington Park Road Inbound	<ul> <li>North of junction with Magee Street to south of the junction with Kennington Lane 200m</li> </ul>	Mon-Sat 7am-10am     4pm-7pm
Newington Butts Inbound	South of junction with Dante Road to south of Elephant and Castle <b>200m</b>	Mon-Fri 7am-10am
Elephant and Castle Inbound*		
St. Georges' Road Inbound	<ul> <li>From the Elephant and Castle to the junction with Geraldine Street 250m</li> </ul>	<ul> <li>Mon-Sat 7am-10am</li> <li>4pm-7pm</li> </ul>
Westminster Bridge Road Inbound	<ul> <li>From junction with St George's Road to Gerridge Street 150m</li> </ul>	Mon-Sat 7am-10am     4pm-7pm
Blackfriars Road Inbound*		

Total estimated length of Inbound bus lane = **4,300m** out of **16,570m, approx. 26.6% Inbound route coverage.** 



ROUTE 9	KINGSTON VALE	A3 ROBIN HOOD ROUNDABOUT	ROUTE LENGTH (KM)
Roehampton Vale, Kingston Rd, Roehampton La, Upper Richmond Rd,			17.5(TfL estimate)
West Hill, Armoury Way, Swandon Way, York Rd, Battersea Park Rd, Nine Elms La,			LTP Checked
Albert Embankment, Lambeth Palace Rd, York Rd, Stamford St, Blackfriars Rd.			

# **Swandon Way**

No view of bus lanes on Google Maps.

Roads on ROUTE 9	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation	
A3 Roehampton Vale Inbound* Start past Kingston Vale and junction with Robin Hood Way			
Kingston Road Inbound	<ul> <li>Alongside Norstead Place to south of access to Alton Road 200m</li> </ul>	<ul> <li>At Any Time (Bus and Goods Vehs Lane)</li> </ul>	
Roehampton Lane Inbound	<ul> <li>North of junction with Clarence Lane to north of junction with Roehampton Close 900m</li> </ul>	Mon-Sat 7am-7pm	
Upper Richmond Road Inbound*			
West Hill Inbound* (and length of Putney Bridge Road)			
Armoury Way Inbound* (One-way eastbound)			
Old York Road, then Swandon Way Inbound*			
York Road Inbound	<ul> <li>Opposite Usk Road junction to south of junction with York Place 700m</li> </ul>	Mon-Sat 7am-7pm	
Battersea Park Road Inbound	<ul> <li>East of junction with Winders Road to junction with Balfern Street 400m</li> <li>North of junction with Forfar Road to south of junction with Meath Street</li> <li>150m</li> </ul>	<ul> <li>Mon-Sat 7am-10am 4pm-7pm</li> <li>Mon-Sat 7am-10am 4pm-7pm</li> </ul>	
	Opposite junction of Savona Street to Nine Elms Lane <b>550m</b>	Mon-Sun 7am-7pm	
Nine Elms Lane Inbound (and length of Wandsworth Road)	From Battersea Park Road to Nine Elms Lane Service Station 650m	Mon-Sun 7am-7pm	
Albert Embankment Inbound	<ul> <li>From junction with Vauxhall Bridge Road to junction with Tinworth Street</li> <li>650m</li> </ul>	Mon-Sat 7am-7pm	
	<ul> <li>North of junction with Tinworth Street to south of junction with Lambeth Road 250m</li> </ul>	<ul><li>Mon-Sat 7am-10am</li><li>4pm-7pm</li></ul>	



Roads on ROUTE 9	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Lambeth Palace Road Inbound	<ul> <li>North of entrance to St Thomas         Hospital to north of junction with         Royal Street 900m     </li> </ul>	Mon-Sat 7am-10am     4pm-7pm
York Road Inbound, the round the London IMAX cinema	<ul> <li>North of junction with Chichely Street to south of the Concert Hall Approach 300m</li> </ul>	At Any Time
Stamford Street Inbound*		
Blackfriars Road Inbound*		

Total estimated length of Inbound bus lane = **5,650m** out of **17,500m**, **approx. 32 3% Inbound route coverage.** 



ROUTE 10	BRENT CROSS	A41 HENDON WAY/A406 NORTH	ROUTE LENGTH
		CIRCULAR	(KM)
Hendon Way, Finchley Rd (including Ave Rd and Adelaide Rd gyratory), Wellington Rd,			22.11(TfL
Prince Albert Rd, Hampstead Rd, Euston Rd, Marylebone Rd, Old Marylebone Rd,			estimate)
Edgware Rd, Park lane, Grosvenor Pl, Lower Grosvenor Place, Bressenden Place,			20.5 (LTP
Vauxhall Bridge Rd, Vauxhall Bridge, Albert Embankment, Lambeth Palace Rd, York			estimate)
Rd, Stamford St, Blackfriars Rd.			

# **Hampstead Road**

- Connecting to Hampstead Road from Prince Albert Road is not straightforward. A route travelled by London Buses is; Prince Albert Road, Parkway, Greenland Road, Bayham Street, Crowndale Road, Harrington Square, Lidlington Place, and then onto Hampstead Road.
- An alternative to this route, and one that could be taken by motorcyclists, is; Prince Albert Road, Albany Street, Osnaburgh Street then straight onto Marylebone Road, bypassing both Hampstead Road and Euston Road altogether.

Roads on ROUTE 10	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
A41 Hendon Way Inbound* Start after the Brent Cross Flyover Finchley Road Inbound (including Avenue Rd and Adelaide Rd gyratory)	<ul> <li>South of junction with Fortune Green Road to junction with Sumpter Close 1,600m</li> <li>South of junction with Adelaide Road to north of junction with Queens Grove 700m</li> </ul>	<ul> <li>Mon-Fri 7am-10am 4pm-7pm</li> <li>Mon-Fri 7am-10am 4pm-7pm</li> </ul>
Wellington Road Inbound*		
Prince Albert Road Inbound* (See Notes above on potential route to Hampstead Road) Parkway* Greenland Road*	NOT USED	
Bayham Street* Crowndale Road* Harrington Square* Lidlington Place*	NOT USED	
Hampstead Road Inbound	<ul> <li>From junction with Lidlington Place to north of junction with Cardington Street 250m</li> <li>From junction with Netley Street to north of junction with Drummond Road 150m</li> </ul>	<ul> <li>Mon-Fri 7am-10am</li> <li>Mon-Fri 7am-10am</li> </ul>



Roads on ROUTE 10	Length(s) of Inbound bus lane by road (KM)	Hours of Bus Lane Operation
Euston Road Inbound	From junction with Cleveland Street to Marylebone Road 200m	At Any Time
Park Road Inbound	·	
Baker Street Inbound	From junction with Allsop Place to junction with Marylebone Road <b>400m</b>	Mon-Fri 7am-10am     4pm-7pm
Marylebone Road Inbound	From Baker Street to east of junction      With Old Manual base Board 500m.	At Any Time
Old Marylebone Road Inbound*	with Old Marylebone Road <b>500m</b>	
Edgeware Road Inbound*		
Marble Arch*		
Park Lane Inbound	<ul> <li>From junction with N Row to north of junction with Piccadilly Arcade</li> <li>1,000m</li> </ul>	Mon-Sat 7am-7pm
Piccadilly Arcade*		
Duke of Wellington Place*		
Grosvenor Place Inbound*		
Lower Grosvenor Place Inbound*		
Bressenden Place*		
Vauxhall Bridge Road Inbound	<ul> <li>From east of junction with Bloomburgh Street to junction with Drummond Street 300m</li> </ul>	Mon-Fri 4pm-7pm
Vauxhall Bridge Inbound*		
Albert Embankment Inbound	<ul> <li>From junction with Vauxhall Bridge Road to junction with Tinworth Street</li> <li>750m</li> </ul>	Mon-Sat 7am-7pm
	<ul> <li>North of junction with Tinworth Street to south of junction with Lambeth Road 250m</li> </ul>	<ul><li>Mon-Sat 7am-10am</li><li>4pm-7pm</li></ul>
Lambeth Palace Road Inbound	<ul> <li>North of entrance to St Thomas         Hospital to north of junction with         Royal Street 1,000m     </li> </ul>	Mon-Sat 7am-10am     4pm-7pm
York Road Inbound	<ul> <li>North of junction with Chichely Street to south of the Concert Hall Approach</li> <li>300m</li> </ul>	At Any Time
Stamford Street Inbound*		
Blackfriars Road		
Inbound*		

Total estimated length of Inbound bus lane = **6,800m** out of **18,250m**, **approx. 37.3% Inbound route coverage.**