



BRIEFING NOTE

**PROPOSED VIDEO SURVEY ROUTES TO PALESTRA –
TfL EMISSIONS – MOTORCYCLES STUDY**

1.1 Selected Survey Routes

- 1.1.1 Each of the routes was chosen for the percentage of their lengths with inbound bus lanes that the Metropolitan Police Powered Two Wheeler PTW rider(s) can use for the video surveying.
- 1.1.2 The routes proposed by TfL’s Motorcycle Policy Unit were surveyed by Local Transport Projects Ltd using Google Maps and a TfL-scaled drawing of Greater London to record lengths of bus lane on the routes. Inbound bus lanes cover a third of the lengths of most of the selected routes.
- 1.1.3 The routes to be surveyed, total bus lane lengths, and the recommended survey order and date(s) are shown in the table below. All survey routes are to finish at Palestra, 197 Blackfriars Road, London SE1 8NJ.

Routes to be surveyed January 19th to January 28th 2010

Survey Priority	Route	Start Point	Total Route Length (KM)	Total Length of Inbound Bus Lanes (KM)	% of Route with Bus Lanes	Proposed survey date(s)
1	1	A1 Archway Road	8.7	3.75	43	19/01/10
2	10	A41 Hendon Way	18.25	6.8	37.3	20/01/10
3	6	A21 Bromley Common	23.6	8.35	35.4	21/01/10
4	9	A3 Roehampton Vale	17.5	5.65	32.3	26/01/10
5	3	A10 Great Cambridge Road	24	7.15	29.8	27/01/10
6	2	A10 Great Cambridge Road	17	5.05	29.7	28/01/10

1.2 Reserve Routes

- 1.2.1 Ten routes were originally proposed but we believe that the above six will provide the best comparisons of journey times and emissions of PTWs in bus lanes with a PTW and car in general traffic lanes. In addition to these prioritised routes, it is recommended that the following routes are considered as reserves should any of the preferred six prove impossible through planned road-works or other complications.

Reserve Routes which could be surveyed January 19th to January 28th 2010

Survey Priority	Route	Start Point	Inbound Route Length (KM)	Total Length of Inbound Bus Lanes (KM)	% of Route with Bus Lanes	Proposed survey date(s)
7	5	A205 Grand Depot Rd	19	5.05	26.6	TBA
8	8	A297 St Helier Avenue	16.6	4.3	26	TBA
9	4	A13 Alfred’s Way	17.14	4.0	23.3	TBA
10	7	A23 Brighton Road	27.67	3.55	12.8	TBA

- 1.2.2 With between 12.8% and 26.6% bus lane coverage, these routes are unlikely to provide as effective journey times and emissions comparisons as the selected routes.
- 1.2.3 Full details of the Initial assessment of the routes, and all of the starting and finishing points and marked enforcement times for each length of bus lane by route can be supplied on request.

1.3 Selected Survey Route Details

- 1.3.1 Lists of the roads on each route and supporting notes are detailed on the following pages.

1.4 Survey Refinements

- 1.4.1 Should there be a requirement to undertake further surveys to verify the findings of this research there are a few improvements that it is recommended could be made before they are undertaken:
- Time must be set aside the day prior to the survey(s) to ensure recording equipment can be checked and substituted if need be;
 - Consider the duty start time of Police Officers if the previous day was a day off for them; 06.00 hours. Ideally, the 08.00-09.00 peak hour should be covered during the survey but this means a survey could still start as late as 08.00 hours, until approximately 09.30 hours;
 - Police riders/drivers should be briefed by those running the research on each route using a suitably scaled plan, prior to commencement of the first surveys;
 - To reduce the likelihood of any wasted survey time due to snow and ice, the months of December, January and February should be avoided;
- 1.4.2 It must be understood that road works can sometimes cause detours to be made from the proposed route. As previously discussed, this is a normal occurrence on busy urban routes and even traffic management detours should not prevent those surveys from being counted towards average journey times and emission calculations, as long as all survey vehicles experienced the same conditions.
- 1.4.3 Wherever Police Officers carrying out surveys are required to deal with Road Traffic Accidents, all of the surveys for that route on that day must be abandoned.

1.5 Notes for Metropolitan Police Video Survey Team Members

1.5.1 Route 1: A1 Archway Road to Palestra

Date: Tuesday 19th January 2010

Route Length: 8.7 kilometres

1.5.2 Route to take:

A1 Archway Road (Start at junction with Sheldon Avenue) to

Holloway Road, then south through Highbury Corner, and continue on the A1 to

Upper Street to

Pentonville Road to

Penton Rise to

Kings Cross Rd to

Farringdon Rd to

Farringdon St to

New Bridge St to

Blackfriars Bridge to

Blackfriars Rd and Palestra

1.5.3 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.5.4 Surveyor's Notes

1.6 Notes for Metropolitan Police Video Survey Team Members

1.6.1 Route 10: A41 Hendon Way to Palestra

Date: Wednesday 20th January 2010

Route Length: 18.25 kilometres

1.6.2 Route to take:

A41 Hendon Way (Start after the Brent Cross Flyover) to
Finchley Road (including Avenue Rd and Adelaide Rd gyratory) to
Wellington Road to
Park Road to
Baker Street to
Marylebone Road to
Old Marylebone Road to
Edgware Road to
Marble Arch to
Park Lane to
Piccadilly Arcade to
Duke of Wellington Place to
Grosvenor Place to
Lower Grosvenor Place to
Bressenden Place to
Vauxhall Bridge Road to
Vauxhall Bridge to
Albert Embankment to
Lambeth Palace Road to
York Road to
Stamford Street to
Blackfriars Road and Palestra

1.6.3 Actions for Surveyors

- Record mileage at the start and the end of the route.

- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.6.4 Surveyor's Notes

1.7 Notes for Metropolitan Police Video Survey Team Members

1.7.1 Route 6: A21 Bromley Common to Palestra

Date: Thursday 21st January 2010

Route Length: 23.6 kilometres

1.7.2 Route to take:

A21 Bromley Common (*Start north of junction with Oakley Road and Hastings Road*) to

Masons Hill to

Kentish way to

Tweedy Road to

London Road to

Bromley Hill to

Bromley Road to

Rushey Green to

Lewisham High Street to

Molesworth Street to

Loampit Vale to

Loampit Hill to

Lewisham Way to

New Cross Road to

Queens Road to

Peckham High Street to

Peckham Road to

Camberwell Church Street to

Camberwell New Road to

Harleyford Street to

Kennington Oval to

Harleyford Road to

South Lambeth Road to* (SEE 1.6.4 NOTES)

Parry Place to

Wandsworth Road to

Albert Embankment to

Lambeth Palace Road to
York Road to
Stamford Street to
Blackfriars Road and Palestra

1.7.3 Notes on details of the route for the surveyors:

PTWs using bus lanes could potentially have used the bus / rail / Underground interchange at South Lambeth Place. Instead, all vehicles should use the South Lambeth Road, Parry Place, Wandsworth Road route to Albert Embankment.

1.7.4 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.7.5 Surveyor's Notes

1.8 Notes for Metropolitan Police Video Survey Team Members

1.8.1 Route 9: A3 Roehampton Vale to Palestra

Date: Tuesday 26th January 2010

Route Length: 17.5 kilometres

1.8.2 Route to take:

A3 Roehampton Vale (*Start past Kingston Vale and junction with Robin Hood Way*) to

Kingston Road to

Roehampton Lane to

Upper Richmond Road to

West Hill to

Armoury Way to

Old York Road to

Swandon Way to

York Road to

Battersea Park Road to

Nine Elms Lane to

Albert Embankment to

Lambeth Palace Road to

York Road to

Stamford Street to

Blackfriars Road and Palestra

1.8.3 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.8.4 Surveyor's Notes

1.9 Notes for Metropolitan Police Video Survey Team Members

1.9.1 Route 3: A10 Great Cambridge Road to Palestra

Date: Wednesday 27th January 2010

Route Length: 24 kilometres

1.9.2 Route to take:

A10 Great Cambridge Road (*Start at south side of junction with A406 North Circular Road*) to

The Roundway to

Lordship Lane to

Bruce Grove to

High Road to * (SEE 1.8.4 NOTES)

Monument Way to

Broad Lane to

High Road to

Seven Sisters Road to

Isledon Road to

Tollington Road to

Camden Road to

Camden Street to

Oakley Square to

Lidlington Place to

Hampstead Road to

Euston Road to

Pentonville Road to

City Road to

Old Street to

Shoreditch High Street to

Norton Folgate to

Bishopsgate to

Gracechurch Street to

London Bridge (King William Street) to

Southwark Street to

Blackfriars Road and Palestra

1.9.3 Notes on details of the route for the surveyors:

Though there is a contra-flow segregated busway on High Road between junctions with Monument Way and Broad lane, both PTWs and the car should use the Monument Way and Broad Lane A10 route and should re-join High Road at the junction with Broad Lane. The segregated busway currently looks too narrow to accommodate a filtering PTW and could put the rider and bus drivers/passengers at risk.

1.9.4 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.9.5 Surveyor's Notes

1.10 Notes for Metropolitan Police Video Survey Team Members

1.10.1 Route 2: A10 Great Cambridge Road to Palestra

Date: Thursday 28th January 2010

Route Length: 17 kilometres

1.10.2 Route to take:

A10 Great Cambridge Road (*Start at south side of junction with A406 North Circular Road*) to

The Roundway to

Lordship Lane to

Bruce Grove to

High Road to * (SEE 1.9.4 NOTES)

Monument Way to

Broad Lane to

High Road to

Stamford Hill to

Rectory Road to

Manse Road to

Evering Road to

Stoke Newington Road to

Kingsland High Street to

Kingsland Road to

Shoreditch High Street to

Norton Folgate to

Bishopsgate to

Gracechurch Street to

London Bridge (King William Street) to

Southwark Street to

Blackfriars Road and Palestra

1.10.3 Notes on details of the route for the surveyors:

Though there is a contra-flow segregated busway on High Road between junctions with Monument Way and Broad Lane, both PTWs and the car should use the Monument Way and Broad Lane A10 route and should re-join High Road from Broad Lane. The segregated busway looks too narrow to accommodate a filtering PTW and could put the rider and bus drivers/passengers at risk.

1.10.4 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.10.5 Surveyor's Notes

1.11 Notes for Metropolitan Police Video Survey Team Members

1.11.1 Route 5: A205 Grand Depot Road to Palestra

Date: TBA

Route Length: 19 kilometres

1.11.2 Route to take:

A205 Grand Depot Road (*Start at junction with John Wilson Street*) to

Woolwich Common to

Academy Road to

Well Hall Road to

Westhorne Avenue to

Eltham Road to

Lee High Road to

Loampit Vale to

Loampit Hill to

Lewisham Way to

New Cross Road to * (SEE 1.10.4 NOTES)

Queen's Road to

Kender Street to

New Cross Road to

Old Kent Road to

New Kent Road to

Elephant and Castle to

St George's Road to

Westminster Bridge Road to

Blackfriars Road and Palestra

1.11.3 Notes on details of the route for the surveyors:

Articulated bus services still use this route and tend to occupy the entire waiting reservoir on a red signal, at the junction of New Cross Road and Queen's Road. This will make the manoeuvre hazardous for motorcyclists. All survey vehicles should use the route for general traffic; west down Queens Road, then north up Kender Street, to re-join the A2 New Cross Road again.

1.11.4 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.11.5 Surveyor's Notes

1.12 Notes for Metropolitan Police Video Survey Team Members

1.12.1 Route 8: A297 St Helier Avenue to Palestra

Date: TBA

Route Length: 16.6 kilometres

1.12.2 Route to take:

A297 St Helier Avenue (*Start north of the Rosehill Roundabout*) to

Morden Hall Road to

Morden Road Road to

Merantum Way to

Christchurch Road to

High St Colliers Wood to

Tooting High Street to

Upper Tooting Road to

Balham High Road to

Balham Hill to

Clapham Common South Side to

Clapham High Street to

Clapham Road to

Kennington Park Road to

Newington Butts to

Elephant and Castle to

St George's Road to

Westminster Bridge Road to

Blackfriars Road and Palestra

1.12.3 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.12.4 Surveyor's Notes

1.13 Notes for Metropolitan Police Video Survey Team Members

1.13.1 Route 4: A13 Alfreds Way to Palestra

Date: Thursday TBA

Route Length: 17.14 kilometres

1.13.2 Route to take:

A13 Alfreds Way (*Start to west of junction with A1153 Lodges Avenue*) to

Newham Way to

East India Dock Road to

Commercial Road westbound to

Branch Road to

Rotherhithe Tunnel to

Southwark Bridge Road to

Jamaica Road to

Druid Street to

St.Thomas Street to

Southwark Street to

Blackfriars Road and Palestra

1.13.3 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.13.4 Surveyor's Notes

1.14 Notes for Metropolitan Police Video Survey Team Members

1.14.1 Route 7: A23 Brighton Road to Palestra

Date: TBA

Route Length: 27.67 kilometres

1.14.2 Route to take:

A23 Brighton Road (*Start at junction with Dean Lane*) to

Coulsden By-Pass to

Brighton Road to

Purley Way to

Thornton Road to

London Road to

Streatham High Road to

Streatham Hill to

Brixton Hill to

Brixton Road to

Kennington Park Road to

Newington Butts to

Elephant and Castle to

St George's Road to

Westminster Bridge Road to

Blackfriars Road and Palestra

1.14.3 Actions for Surveyors

- Record mileage at the start and the end of the route.
- Start recording from route start point indicated at 7.30am or as close to that time as possible.
- Only stop the video recording on reaching Palestra.
- All routes should take less than 1 hour 30 mins (length of the survey video tapes). However, if the video finishes prior to reaching Palestra, record the time you have when you arrive at Palestra, and any difference between your time and the video cameras, so we know how long the whole route took to finish.

1.14.4 Surveyor's Notes