## **CONTRACT SPECIFICATION**

Tenders are requested for the following contract to operate a bus service.

Contract Reference	QC37501
Route Number	123
Terminus Points	Wood Green Station, High Road to Ilford High
	Road, Hainault Street
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	3 <sup>rd</sup> March 2012
Vehicle Type	87 capacity, dual door, double deck vehicles
<b>Maximum Approved Dimensions</b>	10.1 metres long and 2.55m wide
Advertising Rights	Operator
Sponsored Route	No
Minimum Performance Std	Average Excess Wait Time - No more than
	1.30 minutes
Extension Threshold	Average Excess Wait Time Threshold - 1.15
	minutes
Minimum Operated Mileage	No less than 98.00%

Tender Return Date: No later than 12 o'clock on 14th February 2011

# **SERVICE SPECIFICATION**

# **CONTENTS**

- 1) NOTES
- 2) SCHEDULE REQUIREMENTS & PINCHPOINTS
- 3) QSI POINTS & MILEAGE
- 4) OPERATIONAL CONSIDERATIONS
- 5) CURRENT PERFORMANCE, ROUTE RECORD & IBUS MILEAGE

#### 1) NOTES

### **Proposed Changes:**

At this time, no changes are proposed to the existing service for introduction prior to the commencement of the new Route Agreement for Route No. 123.

Tenderers should note that the following alterations (subject to consultation) are proposed as part of this Service Specification for introduction with the new Route Agreement:

- The additional journeys during the Mondays to Fridays AM and PM peak ex Ilford High Road, Hainault Street are withdrawn.
- The short working journeys on all days between Tottenham High Road, Monument Way and Ilford High Road, Hainault Street and between Ilford High Road, Hainault Street and Tottenham, Swan are withdrawn.
- 87 capacity, dual door, double deck vehicles are specified, subject to a satisfactory route test.

### 2) SCHEDULE REQUIREMENTS & PINCHPOINTS

#### 2.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Wood Green S		ad to Ilford	Ilford High Roa		eet to Wood
High Road, Ha			Green Station,	•	
First departure	no later than C	500.	First departure	no later than 0	500.
0455 - 0545	Every 15 minu	ıtes	0455 - 0600	Every 15 minu	ıtes
0546 - 0730	Every 10 minu	ıtes	0601 - 1945	Every 10 minu	utes
0731 - 0830	Every 8-9 min	utes	1946 - 2030	Every 12 minu	utes
	(7 buses per h	nour)			
0831 - 1700	Every 10 minu	ıtes	2031 - 0020	Every 15 minu	utes
1701 - 1800	Every 8-9 min	utes			
	(7 buses per h	nour)			
1801 - 1950	Every 10 minu	ıtes			
1951 - 2030	Every 12 minu	ıtes			
2031 - 0050	Every 15 minu	ıtes			
Last departure	no earlier than	0045.	Last departure	no earlier than	0015.
Pinchpoints					
Gants Hill	0700 - 0830	10 minutes	Tottenham,	0700 - 0900	10 minutes
Station	0831 - 0930	9 minutes	Swan	1500 - 1640	10 minutes
	1450 - 1630	10 minutes			
	1805 - 1905	9 minutes			

# 2.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Wood Green S	Station, High Ro	oad to Ilford	Ilford High Roa	d, Hainault Str	eet to Wood		
High Road, Ha	inault Street		Green Station, High Road				
First departure	no later than 0	500.	First departure no later than 0500.				
0455 - 0755	Every 20 minu	ıtes	0455 - 0800	Every 20 minutes			
0756 - 0855	Every 15 minu	ıtes	0801 - 0850	Every 15 min	utes		
0856 - 1915	Every 10 minu	ıtes	0851 - 1930	Every 10 minutes			
1916 - 2030	Every 12 minu	ıtes	1931 - 2030	Every 12 min	utes		
2031 - 0050	Every 15 minu	ıtes	2031 - 0020	Every 15 min	utes		
Last departure	no earlier than	0045.	Last departure no earlier than 0015.				
Pinchpoints							
Gants Hill	0915 - 0945	15 minutes	Tottenham,	0905 - 0935	Every 15		
Station			Swan		minutes		
	0946 - 1105	10 minutes		0936 - 1105	Every 10		
					minutes		

# 2.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Wood Green S	Station, High Ro	oad to Ilford	Ilford High Roa	d, Hainault Str	eet to Wood		
High Road, Ha	inault Street		Green Station, High Road				
First departure	no later than 0	)520.	First departure no later than 0540.				
0515 - 0820	Every 20 minu	ıtes	0535 - 0840	Every 20 min	utes		
0821 - 0050	Every 15 minu	ıtes	0841 - 0020   Every 15 minutes				
Last departure	no earlier than	0045.	Last departure no earlier than 0015.				
<b>Pinchpoints</b>							
Gants Hill	1005 - 1135	Every 15	Tottenham,	1000 - 1130			
Station		minutes	Swan		minutes		

#### 2.4) BOXING DAY SCHEDULE REQUIREMENTS & PINCHPOINTS

		~		• • • • • • • • • • • • • • • • • • • •			
Wood Green S	Station, High Ro	oad to Ilford	Ilford High Roa	d, Hainault Str	eet to Wood		
High Road, Ha	inault Street		Green Station, High Road				
First departure	no later than 0	)800.	First departure no later than 0800.				
0755 - 0820	Every 20 minu	utes	0755 - 0840	Every 20 min	utes		
0821 - 0050	Every 15 minu	utes	0841 - 0020	Every 15 minutes			
Last departure	no earlier than	0045.	Last departure no earlier than 0015.				
Pinchpoints							
Gants Hill	1005 - 1135	Every 15	Tottenham,	1000 - 1130	Every 15		
Station		minutes	Swan		minutes		

#### 3) QSI POINTS & MILEAGE

It is intended Route No. 123 will have 99 surveys per quarter at the following locations:

QSI POINTS	
Towards Ilford High Road, Hainault	Towards Wood Green Station, High
Street	Road
Wood Green	Ilford High Rd
Tottenham Hale	Walthamstow \$ (not evenings or
	Sundays)
Walthamstow \$ (not evenings or	Tottenham High Rd
Sundays)	
Gants Hill (AM only)	
<b>MILEAGE: See Attached iBus Sheets</b>	·

\$ This location observed simultaneously in both directions - counted as two surveys.

#### 4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. 123 should be separated from Route No. 179 between Woodford, Charlie Brown's Roundabout and Ilford Station during all periods, where possible.
- 4.2) Wood Green, Buller Road stand is used between 0730 and 1800 and Wood Green, Redvers Road stand is used between 1800 and 0730.
- 4.3) Route No. 123 can suffer from unpredictable traffic delays in the Wood Green, Tottenham, Walthamstow and Ilford areas, particularly during peak periods.
- 4.4) Tottenham Hotspur Football Club playing at home can cause delays in the Tottenham High Road and Bruce Grove area. Tenderers should bear this in mind when compiling schedules.
- 4.5) It is proposed that Tottenham Hale gyratory will be converted to two way operation. Therefore, Route No. 123 will operate via Monument Way and the new Tottenham Hale Bus Station in both directions. Currently Route No. 123 operates via Monument Way and Tottenham Hale Bus Station towards Ilford High Road, Hainault Street only. Construction works will affect Route No. 123 and other routes in the area from autumn 2012 until completion which is expected to be in March 2014.
- 4.6) Crossrail will connect the City, Canary Wharf, the West End and Heathrow Airport to commuter areas east and west of the capital. Major construction of the railway began this year, with services expected to commence in 2018. The construction impacts of Crossrail at Ilford could affect Route No. 123 and it is anticipated that some passenger demand for Route No. 123 would shift to this line when it opens. Route No. 123 will be reviewed closer to the opening date. Expected changes in demand as a result of Crossrail will be reviewed separately.

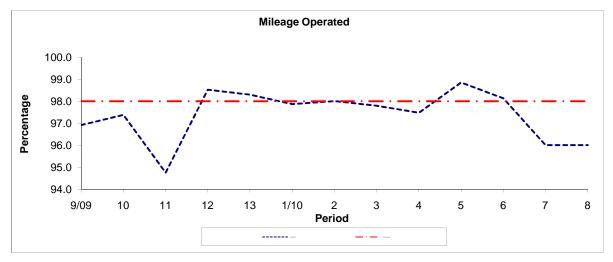
#### 4) OPERATIONAL CONSIDERATIONS - continued

4.7) The 2012 Olympic Games open on Friday 27<sup>th</sup> July and close on Sunday 12<sup>th</sup> August. The 2012 Paralympic Games start on Wednesday 29<sup>th</sup> August and close on Sunday 9<sup>th</sup> September. The Games will result in additional passenger demand across the network, requiring additional capacity on some routes. There will also be a number of road closures in the event areas resulting in route diversions. Operators should be aware there will be implications to them during this time. Full details and any extra resource required will be negotiated with the operator at a later date.

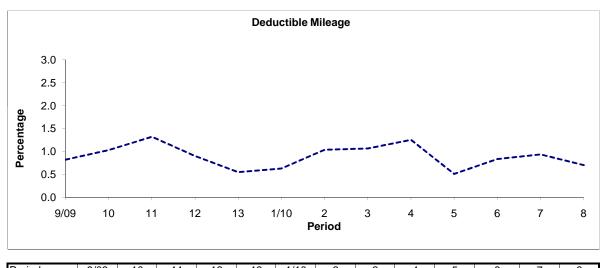
### 5) CURRENT PERFORMANCE, ROUTE RECORD & IBUS MILEAGE

- 5.1) CURRENT PERFORMANCE As per current print out.
- 5.2) ROUTE RECORD
  As per Busnet Printout.
- 5.3) IBUS MILEAGE
  As per current print out.

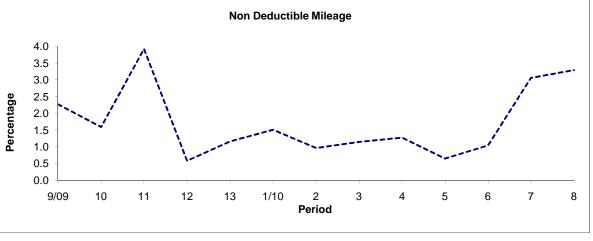
# PART B - PERFORMANCE STATISTICS Route 123



Period	9/09	10	11	12	13	1/10	2	3	4	5	6	7	8
2009/2010	96.91	97.38	94.76	98.52	98.29	97.87	98.00	97.79	97.47	98.85	98.13	96.01	96.00
Min Standard	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00	98.00

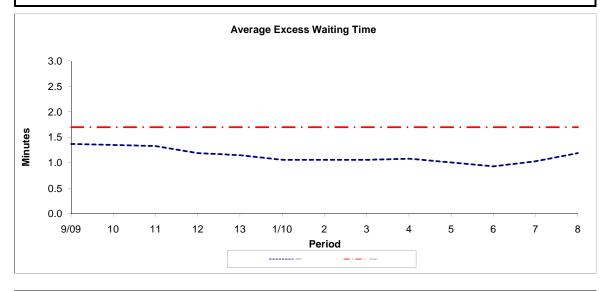


Period	9/09	10	11	12	13	1/10	2	3	4	5	6	7	8
2009/2010	0.82	1.03	1.32	0.90	0.55	0.63	1.03	1.06	1.25	0.51	0.83	0.94	0.70

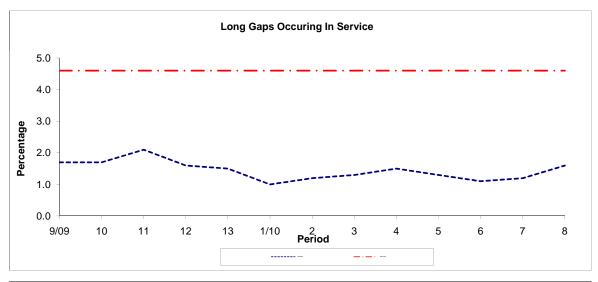


Period	9/09	10	11	12	13	1/10	2	3	4	5	6	7	8
2009/2010	2.27	1.59	3.93	0.58	1.16	1.51	0.96	1.15	1.27	0.65	1.04	3.06	3.29

# PART B - PERFORMANCE STATISTICS Route 123



Period	9/09	10	11	12	13	1/10	2	3	4	5	6	7	8
2009/2010	1.37	1.35	1.33	1.19	1.15	1.06	1.06	1.06	1.08	1.01	0.93	1.03	1.19
Min Standard	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70



Period	9/09	10	11	12	13	1/10	2	3	4	5	6	7	8
2009/2010	1.70	1.70	2.10	1.60	1.50	1.00	1.20	1.30	1.50	1.30	1.10	1.20	1.60
Benchmark	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60	4.60

Note: Reliability is based on 12 weeks rolling data

Printed On: 13 December 2010 11:51:36

## **LONDON BUSES - ROUTE DESCRIPTION**

**ROUTE 123: Wood Green Station - Ilford High Road, Hainault Street** 

**Date of Structural Change:** 3 March 2012. **Date of Service Change:** 3 March 2012.

Reason for Issue: New tender.

### STREETS TRAVERSED

Towards Ilford High Road, Hainault Street: Wood Green High Road, Green Lanes, Turnpike Lane Bus Station, Carlingford Road, Green Lanes, Turnpike Lane, Westbury Avenue, Boreham Road, Lordship Lane, Bruce Grove, Tottenham High Road, Monument Way, Hale Road, Tottenham Hale Station Forecourt, Watermead Way, Hale Road, Ferry Lane, Forest Road, Woodford New Road, Waterworks Corner, Southend Road, Charlie Brown's Roundabout, Southend Road, Woodford Avenue, Gants Hill Cross, Cranbrook Road, Chapel Road, Winston Way, Handforth Road, Clements Road, Ilford High Road.

<u>Towards Wood Green Station:</u> Ilford High Road, Clements Road, Ilford High Road, Bus-Only Right Turn, Cranbrook Road, Gants Hill Cross, Woodford Avenue, Southend Road, Charlie Brown's Roundabout, Southend Road, Waterworks Corner, Woodford New Road, Forest Road, Ferry Lane, Broad Lane, Tottenham High Road, Bruce Grove, Lordship Lane, Westbury Avenue, Green Lanes, Wood Green High Road.

### **STANDING AND TURNING POINTS**

#### WOOD GREEN, BULLER ROAD

Public stand for 5 buses (or 3 articulated buses) on north side of Buller Road commencing 10 metres west of junction with Redvers Road and extending 54 metres west. Buses proceed from Wood Green High Road via Buller Road to stand, departing via Buller Road, Redvers Road and Lordship Lane to Wood Green High Road. Set down in Wood Green High Road, at Stop HB and pick up in Wood Green High Road, at Stop G.

AVAILABILITY: Available from 07:30 until 18:00 only. Buses on Route

123 must not use this stand outside these times.

OPERATING RESTRICTIONS: No more than 2 buses on Route 123 should be

scheduled to stand at any one time.

MEAL RELIEFS: No meal relief vehicles to stand at any time. FERRY VEHICLES: No ferry vehicles to park on stand at any time.

DISPLAY: Wood Green.

OTHER INFORMATION: Toilets available 24 hours a day.

#### **WOOD GREEN, REDVERS ROAD**

Public stand in four sections for 8 buses in Redvers Road:

- 1 Offside on east side commencing 7 metres south of Lordship Lane and extending 49 metres south.
- 2 Offside on east side commencing level with south side of Buller Road and extending 20 metres south.
- 3 On west side commencing 30 metres south of Buller Road and extending 13 metres south.
- 4 On west side commencing 52 metres south of Buller Road and extending 12 metres south.

Buses proceed from Wood Green High Road via Gladstone Avenue, Moselle Avenue and Redvers Road to stand, departing via Redvers Road and Lordship Lane to Wood Green High Road. Set down in Wood Green High Road, at Stop HB and pick up in Wood Green High Road, at Stop G.

AVAILABILITY: Available from 18:00 until 07:30 only. Buses on Route

123 must not use this stand outside these times.

OPERATING RESTRICTIONS: No more than 2 buses on Route 123 should be

scheduled to stand at any one time.

MEAL RELIEFS: No meal relief vehicles to stand at any time. FERRY VEHICLES: No ferry vehicles to park on stand at any time.

DISPLAY: Wood Green.

OTHER INFORMATION: Toilets available 24 hours a day.

## TURNPIKE LANE STATION (from ILFORD HIGH ROAD, HAINAULT STREET)

Private stand for 10 buses in marked bays in Turnpike Lane Bus Station on east side of Green Lanes.

Buses proceed from Green Lanes via Carlingford Road and Turnpike Lane Bus Station to stand, departing to Turnpike Lane Bus Station. Set down in Green Lanes, at Stop Y and pick up in Turnpike Lane Bus Station, at Stop T.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Unscheduled curtailments only.

MEAL RELIEFS: No meal relief vehicles to stand at any time. FERRY VEHICLES: No ferry vehicles to park on stand at any time.

DISPLAY: Turnpike Lane Station.

### **LORDSHIP LANE, BOREHAM ROAD (from Wood Green Station)**

Buses proceed from Boreham Road via Lordship Lane departing to Westbury Avenue. Set down in Boreham Road, at stop NE and pick up in Westbury Avenue, at stop NV.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Turning Point Only - Buses must not stand

DISPLAY: Lordship Lane, Downhills Way.

# TOTTENHAM, TOWN HALL APPROACH ROAD (from ILFORD HIGH ROAD, HAINAULT STREET)

Public stand for 2 buses on east side of Town Hall Approach Road commencing 26 metres north of lamp standard No. TA7A and extending 24 metres north.

Buses proceed from Tottenham High Road via Philip Lane and Town Hall Approach Road to stand, departing via Town Hall Approach Road, Tottenham High Road, Monument Way and Monument Way Bus Lane to Monument Way. Set down in Tottenham High Road, at Stop FA and pick up in Monument Way, at Stop R.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Unscheduled curtailments only.

MEAL RELIEFS: No meal relief vehicles to stand at any time. FERRY VEHICLES: No ferry vehicles to park on stand at any time.

DISPLAY: Tottenham, Town Hall.

#### **TOTTENHAM HALE BUS STATION**

#### From Ilford High Road, Hainault Street.

Buses proceed from Ferry Lane via The Hale and Hale Road departing to Tottenham Hale Station Forecourt. Set down in Ferry Lane, at Stop T and pick up in Tottenham Hale Station Forecourt, at Stop U.

#### From Wood Green Station.

Buses proceed from Tottenham Hale Station Forecourt via Watermead Way, Hale Road and Ferry Lane departing to Broad Lane. Set down in Tottenham Hale Station Forecourt, at Stop AP and pick up in Broad Lane, at Stop X.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Turning Point Only - Buses must not stand

DISPLAY: Tottenham Hale.

#### WALTHAMSTOW, BEACONTREE AVENUE (from Wood Green Station)

Private stand for two buses within turning circle on north side of Forest Road, commencing at the junction with Beacontree Avenue and extending 22 metres south.

Buses proceed from Forest Road via Beacontree Avenue to stand, departing via Forest Road and Beacontree Avenue to Forest Road. Set down in Forest Road, L and pick up in Forest Road, S.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Unscheduled curtailments only.

MEAL RELIEFS: No meal relief vehicles to stand at any time. FERRY VEHICLES: No ferry vehicles to park on stand at any time.

DISPLAY: Walthamstow, Beacontree Avenue.

### **CHARLIE BROWN'S ROUNDABOUT (from Wood Green Station)**

Buses proceed from Southend Road via Charlie Brown's Roundabout departing to Southend Road. Set down in Southend Road, H and pick up in Southend Road, S.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Turning Point Only - Buses must not stand

DISPLAY: Charlie Brown's Roundabout.

### **GANTS HILL STATION (from Wood Green Station)**

Public stand for four buses on north side (offside) of Perth Road in two parts:

- 1. Commencing 13 metres east of western building line of cinema opposite No 19 and extending 10 metres east.
- 2. Commencing 3 metres east of cinema exit doors opposite Ye Old Valentine public house and extending 33 metres east.

Buses proceed from Cranbrook Road via Bramley Crescent and Perth Road to stand, departing via Perth Road, Eastern Avenue and Gants Hill Cross to Woodford Avenue. Set down in Cranbrook Road, at Stop CH and pick up in Woodford Avenue, at Stop WS.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: Unscheduled curtailments only.

MEAL RELIEFS: No meal relief vehicles to stand at any time. FERRY VEHICLES: No ferry vehicles to park on stand at any time.

DISPLAY: Gants Hill.

#### ILFORD, HAINAULT STREET

Private stand in two sections for 14 buses in marked bays in Bus Parking Area on east side of Hainault Street:

- 1 for 4 articulated buses on east side of stand for Route 25.
- 2 for 10 buses standing abreast on west side of stand for other routes with first 3 bays (nearest entrance) restricted to midi-buses.

Buses proceed from Ilford High Road via Hainault Street and Ilford Bus Station to stand, departing via Ilford Bus Station, Ley Street, Griggs Approach, Winston Way and Riches Road to Ilford High Road. Set down in Ilford High Road, at Stop S and pick up in Ilford High Road, at Stop W.

AVAILABILITY: At any time.

OPERATING RESTRICTIONS: No more than 2 buses on Route 123 should be

scheduled to stand at any one time.

MEAL RELIEFS: No meal relief vehicles to stand at any time. FERRY VEHICLES: No ferry vehicles to park on stand at any time.

DISPLAY: Ilford.

OTHER INFORMATION: Toilets available 24 hours a day.

#### **Transport for London - Live Mileage List**

 Route
 123

 Service change
 23644

Date 19 December 2009

Timing Point Code				
	Stop Number	Stop Name	Metres	Miles
WDGNRR S	WDGNRR S	WOOD GREEN, REDVERS ROAD		
WDGNHR	BP1795	Lordship Lane	0	0.00
	9985	Brampton Park Road	477	0.30
	70351	Coleraine Road	227	0.14
TLSNBS	33696	Turnpike Lane Bus Station	437	0.27
	15836	Westbury Avenue Baptist Church	655	0.41
	34082	Lordship Lane	511	0.32
	10958	Westbury Avenue (Lordship Lane)	146	0.09
	10961	The Roundway (West Arm)	154	0.10
	10962	Waltheof Avenue	333	0.21
	10966	Awlfield Avenue	338	0.21
	10968	Mount Pleasant Road	261	0.16
	10973	Bruce Castle Park	277	0.17
	10974	Elmhurst Road	279	0.17
BRGRSNB	10978	Bruce Grove Station	216	0.13
	1234	Bruce Grove Station	190	0.12
	R0307	Tottenham Police Station	204	0.13
TOTTMW	34287	Tottenham High Road	334	0.21
	36850	Park View Road	265	0.16
TTHLBS	BP4302	Tottenham Hale Bus Station	471	0.29
	6617	Mill Mead Road	411	0.26
	6618	Ferry Boat Inn	461	0.29
BHRDSN	6622	Blackhorse Road Station	754	0.47
	6625	King Edward Road	469	0.29
	6627	Higham Hill Road	290	0.18
	6630	Walthamstow Police Station	370	0.23
	6631	Lloyd Park	368	0.23
WSTWBL	6633	Bromley Road	174	0.11
	6635	Waltham Forest Town Hall	330	0.21
	6636	Waltham Forest College	265	0.16
	R0045	Wood Street Library	309	0.19
	6637	Fulbourne Road	179	0.11
	6640	Hale End Road	292	0.18
	6642	Beacontree Avenue	394	0.24
	6644	Woodford New Road	217	0.13
WATWCR	15858	Waterworks Corner	576	0.36
	14780	High Road South Woodford	568	0.35
	15340	Maybank Road	739	0.46
SWDFRA	15342	Charlie Browns Roundabout	266	0.17
	35474	Chigwell Road	385	0.24
	15431	Northview Drive	256	0.16
	15433	Roding Lane North	341	0.21
	20667	Claybury Broadway	231	0.14
	11329	Lord Avenue	739	0.46
	9013	Beehive Lane (Woodford Avenue)	225	0.14
	14290	Highwood Gardens	269	0.17
	15435	Glenwood Gardens	262	0.16
GTSLSN	13450	Gants Hill Station Woodford Avenue	277	0.17
	8622	Gants Hill Station / Cranbrook Road	276	0.17
	14204	Valentines Mansion And Park	445	0.28
	15437	Bethell Avenue	286	0.18
	16346	Valentine's Park	301	0.19
	15439	The Drive	161	0.10
	LE136	Coventry Road	331	0.21
ILFDSN	FC46	Ilford Station	321	0.20
	FC44	Chapel Road	313	0.19
	FC60	Ilford Central Library	475	0.30
		Hainault Street	242	0.15
ILFDHS	R0868		- '-	
ILFDHS ILFDHS S	R0868 ILFDHS S	ILFORD, HAINAULT STREET	0	0.00

TOTAL ROUTE MILEAGE - OUT DIRECTION	19343	12.02
	metres	miles

		BACK DIRECTION		
Timing Point				
Code ILFDHS S	Stop Number ILFDHS S	Stop Name	Metres	Miles
ILFDHS	FC04	ILFORD, HAINAULT STREET  Hainault Street	0	0.00
ILFURS	BP3460	Ilford Central Library	353	0.00
	FC40	High Road Ilford	243	0.15
ILFDSN	FC39	Ilford Station	198	0.12
	LE126	Beal Road	437	0.27
	15438	The Drive	219	0.14
	16345	Valentine's Park	434	0.27
	15436	Bethell Avenue	308	0.19
	14203	Valentines Mansion And Park	312	0.19
	8621	Gants Hill Station / Cranbrook Road	365	0.23
GTSLSN	13449	Gants Hill Station / Woodford Avenue	212	0.13
	15434	Wycombe Road	311	0.19
	9014	Beehive Lane (Woodford Avenue)	279	0.17
	25056	Grasmere Gardens	258	0.16
	11330	Woodford Bridge Road	304	0.19
	15432	Roding Lane South	862	0.54
	15430 15341	Northview Drive Charlie Browns Roundabout	302 283	0.19 0.18
SWDFRA	35220	Charile Browns Roundabout Chigwell Road	342	0.18
30001104	15339	Mulberry Way	321	0.20
	14781	High Road South Woodford	798	0.50
WATWCR	15857	Waterworks Corner	488	0.30
	6687	Woodford New Road	373	0.23
	6685	Hillcrest Road	324	0.20
	6683	Hale End Road	234	0.15
	6682	Wood Street Library	308	0.19
	6681	Thorpe Coombe Hospital	274	0.17
	6680	Waltham Forest Town Hall	324	0.20
	4844	Hoe Street / The Bell	325	0.20
WSTWBL	6676	Bromley Road	142	0.09
	11487	Lloyd Park	286	0.18
	6673	Walthamstow Police Station	333	0.21
	6671	Higham Hill Road	178	0.11
	R0030 37074	Century Road Pretoria Avenue	329 248	0.20
BHRDSN	6666	Blackhorse Road Station	307	0.15 0.19
BIINDSN	6665	Ferry Lane Industrial Estate	204	0.13
	6662	Ferry Boat Inn	596	0.37
	BP1062	Bream Close	137	0.09
TTHLSN	6661	Tottenham Hale Station	308	0.19
	2929	Tottenham Hale Retail Park	488	0.30
	2927	Stamford Road	309	0.19
	34039	Tottenham Town Hall	571	0.35
TOTTSW	70340	Philip Lane	278	0.17
	10942	Tottenham Police Station	327	0.20
	BP5432	St. Loys Road	188	0.12
BRGRSNB	10979	Bruce Grove Station	350	0.22
	10975	Elmhurst Road	260	0.16
	10972	The Roundway (East Arm)	298	0.19
	10969	Mount Pleasant Road	315	0.20
	10967	Awlfield Avenue Waltheof Avenue	200	0.12
	10963 10960	The Roundway (West Arm)	344 218	0.21 0.14
	15837	Boundary Road	218	0.14
	15835	Westbury Avenue Baptist Church	475	0.17
	1665	Turnpike Lane Station	429	0.27
TLSNHR	23341	Coleraine Road	237	0.15
	9982	Wood Green Shopping City	378	0.23
WDGNHR	30743	Wood Green Station	203	0.13
WDGNRR S	WDGNRR S	WOOD GREEN, REDVERS ROAD	0	0.00

TOTAL ROUTE MILEAGE - BACK DIRECTION	19007	11.81
TOTAL ROOTE MILEAGE - DACK DIRECTION	metres	miles