

## 1) SERVICE SPECIFICATION

Route: **288**

Contract Reference: **QC84204**

This Service Specification forms Section 7 of the ITT and should be read in conjunction with the ITT document, Version 2.0, dated 5th March 2021.

You are formally invited to tender for the provision of the bus service detailed below and in accordance with this Service Specification. Tenderers must ensure that a Compliant Tender is submitted, and this will only be considered for evaluation if all parts of the Tender documents, as set out in Section 11, have been received by the Corporation by the Date of Tender. The Tender must be fully completed in the required format, in accordance with the Instructions to Tenderers. A Compliant Tender must comply fully with the requirements of the Framework Agreement and adhere to the requirements of the Service Specification.

Terminus Points	Broadfields Estate and Queensbury, Morrisons
Contract Basis	Incentivised
Commencement Date	Saturday 02/09/2023
End Date	Friday 30/08/2030
Early Termination Date <i>Subject to minimum 10 months notice</i>	Friday 27/08/2027
Vehicle Type	60 capacity, dual door, single deck vehicles (min 10.8m long)
Current Maximum Approved Dimensions	10.9 metres long and 2.47 metres wide
New Vehicle Price Mandatory	Yes
Zero Emission Price Required	Yes
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time - No more than 0.90 minutes
Minimum Operated Mileage Standard	No less than 98.00%

The Date of Tender for this ITT is:  
No later than 12 Noon on **Tuesday 5<sup>th</sup> July 2022**.

## **SERVICE SPECIFICATION**

- 1) SERVICE SPEC - ROUTE SPECIFICATION INFORMATION
- 2) NOTES
- 3) SCHEDULE REQUIREMENTS & PINCHPOINTS
- 4) OPERATIONAL CONSIDERATIONS
- 5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS

## 2) 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. 288.

Tenderers should note that there are no changes proposed as part of this Service Specification for Route No. 288.

### **Tenderers should provide the following prices based on a 7 year fixed term contract:**

#### 1. Annual Zero Emission

For zero emission submissions, Tenderers should outline the strategy they would adopt for recharging battery electric and/or refuelling hydrogen buses, together with any other operational and infrastructure assumptions, within the tender submission.

### **Tenderers are encouraged to offer alternative vehicle options in accordance with Part 9 of their tender, including but not limited to:**

1. Vehicles that offer genuine increased capacity and are certified as such.
2. Existing zero emission vehicles or vehicles to a minimum of Euro VI emissions standards which are no greater than eight years old at contract commencement for the full contract term, with an early termination date on or prior to the Friday closest to the fourth anniversary of the Route Agreement commencement date, subject to a minimum of 10 months notice. Please note that existing diesel vehicles will NOT be considered for routes which are already operated by hybrid or zero emission vehicles.
3. Existing zero emission vehicles or vehicles to a minimum of Euro VI emissions standards which are no greater than ten years old at contract commencement for a 5 year contract term, with an early termination date on or prior to the Friday closest to the third anniversary of the Route Agreement commencement date, subject to a minimum of 10 months notice. Please note that existing diesel vehicles will NOT be considered for routes which are already operated by hybrid or zero emission vehicles.

If submitting bids based on electric vehicles, Tenderers are reminded of the revised charging equipment specification requirement applicable from Tranche 726.

Tenderers are reminded that a price submitted for this Route Agreement will be subject to the revised CPA formula of 85% CPI (12 rolling months) and 15% fixed.

The welfare of bus drivers during their working day is essential and appropriate locations for sign-on/off as well as meal reliefs should be identified with the bid. These locations should have appropriate facilities available for drivers at the beginning and end of shifts to carry out their duties (including fitness for duty). For breaks and periods of rest between work there should be appropriate toilet provision (including the availability, condition and cleanliness) and suitable locations to take a break. Whilst the obligation to provide suitable facilities remains with the Tenderer, if there are any risks in not being able to supply these, the Tenderer must make LBSL aware in their bid or at any later stage when this becomes apparent.

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

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

Queensbury, Morrisons to Queensbury, Morrisons (via Broadfields Estate)		
First departure no later than 0510.		
0505 - 0550	Every 20 minutes	
0551 - 0620	Every 15 minutes	
0621 - 1905	Every 10 minutes	
1906 - 2005	Every 15 minutes	
2006 - 0010	Every 20 minutes	
Last departure no earlier than 0005.		
<b>Pinchpoints</b>		
Edgware Station, Bus Station (southbound)	0700 - 0900	10 minutes
	1500 - 1630	10 minutes

Tenderers should further ensure that buses are scheduled to hesitate for no longer than two minutes at Broadfields Estate, Bushfield Crescent Hesitation Point.

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Queensbury, Morrisons to Queensbury, Morrisons (via Broadfields Estate)		
First departure no later than 0510.		
0505 - 0730	Every 20 minutes	
0731 - 0915	Every 15 minutes	
0916 - 1805	Every 10 minutes	
1806 - 1905	Every 15 minutes	
1906 - 0010	Every 20 minutes	
Last departure no earlier than 0005.		
<b>Pinchpoints</b>		
Edgware Station, Bus Station (southbound)	0900 - 0945	15 minutes
	0946 - 1105	10 minutes

Tenderers should further ensure that buses are scheduled to hesitate for no longer than two minutes at Broadfields Estate, Bushfield Crescent Hesitation Point.

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

#### 3.3) SUNDAY AND PUBLIC HOLIDAYS (EXCEPT GOOD FRIDAY AND CHRISTMAS DAY) SCHEDULE REQUIREMENTS & PINCHPOINTS

Queensbury, Morrisons to Queensbury, Morrisons (via Broadfields Estate)		
First departure no later than 0620.		
0615 - 0900	Every 20 minutes	
0901 - 1805	Every 15 minutes	
1806 - 0010	Every 20 minutes	
Last departure no earlier than 0005.		
<b>Pinchpoints</b>		
Edgware Station, Bus Station (southbound)	1000 - 1130	15 minutes

Tenderers should further ensure that buses are scheduled to hesitate for no longer than two minutes at Broadfields Estate, Bushfield Crescent Hesitation Point.

Tenderers must identify the cost of the Boxing Day element of this service separately.

#### 4) OPERATIONAL CONSIDERATIONS

4.1) Route No. 288 can suffer unpredictable traffic delays in the Edgware area.

#### 5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS

5.1) ROUTE RECORD  
As per Busnet printout.

5.2) CURRENT PERFORMANCE  
As per current print out.

5.3) QSI BY TIME OF DAY  
As per current print out.

5.4) IBUS MILEAGE & QSI POINTS  
As per current print out.

# LONDON BUSES - ROUTE DESCRIPTION

## ROUTE 288: Queensbury, Morrisons - Broadfields Estate

**Date of Structural Change:** 2 September 2023.

**Date of Service Change:** 2 September 2023.

**Reason for Issue:** New Tender.

### STREETS TRAVERSED

**Towards Broadfields Estate:** Honeypot Lane, Westmoreland Road, Cumberland Road, Queensbury Station Parade, Turner Road, Camrose Avenue, Burnt Oak Broadway, Edgware High Street, Station Road, Edgware Bus Station, Station Road, Edgwarebury Lane, Edgware Way (Watford By-Pass), Broadfields Avenue, Bushfield Crescent.

**Towards Queensbury, Morrisons:** Bushfield Crescent, Kenilworth Road, Glengall Road, Broadfields Avenue, Edgware Way (Watford By-Pass), Edgwarebury Lane, Station Road, Edgware Bus Station, Station Road, Edgware High Street, Burnt Oak Broadway, Camrose Avenue, Turner Road, Queensbury Station Parade, Cumberland Road, Honeypot Lane.

### AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

Please note that only stands, curtailment points, & blind descriptions as detailed in this contractual document may be used.

### QUEENSBURY, MORRISONS

Public stand for two buses on south west side of Westmoreland Road, opposite Morrisons Supermarket and extending 20 metres south.

Buses proceed from Honeypot Lane via Westmoreland Road to stand, departing via Westmoreland Road and Cumberland Road to Honeypot Lane. Set down in Honeypot Lane, at Stop EE (26529 - Queensbury / Morrisons, Last Stop on LOR: 26529 - Queensbury / Morrisons) and pick up in Honeypot Lane, at Stop EE (BP6417 - Queensbury Morrisons, First Stop on LOR: BP6417 - Queensbury Morrisons).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 288 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.
BLIND DISPLAY:	Queensbury, Morrison's.

### **QUEENSBURY STATION (from BROADFIELDS ESTATE)**

Public stand for two buses on east side Queensbury Circus (eastern arm), between the two arms of Queensbury Station Parade, commencing 8 metres north of lamp standard No. 44 and extending 22 metres north.

Buses proceed from Queensbury Station Parade direct to stand, departing to Queensbury Station Parade. Set down in Queensbury Station Parade, at Stop BB (14766 - Queensbury Station ◊) and pick up in Queensbury Station Parade, at Stop AA (16116 - Queensbury Station ◊).

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.  
BLIND DISPLAY: Queensbury.

### **BURNT OAK, DEANSBROOK ROAD (from BROADFIELDS ESTATE)**

Public stand for 2 buses on south side of Deansbrook Road, outside Blood Transfusion buildings, approximately 80 metres east of and opposite Heming Road.

Buses proceed from Burnt Oak Broadway via Watling Avenue, Orange Hill Road and Deansbrook Road to stand, departing via Deansbrook Road to Burnt Oak Broadway. Set down in Burnt Oak Broadway, at Stop HD (2990 - Deansbrook Road, Last Stop on LOR: 2990 - Deansbrook Road) and pick up in Burnt Oak Broadway, at Stop HC (6070 - Deansbrook Road, First Stop on LOR: 6070 - Deansbrook Road).

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.  
BLIND DISPLAY: Burnt Oak.

### **EDGWARE STATION, BUS STATION (from Queensbury, Morrisons)**

Private stand for 9 buses on south side of Edgware Bus Station adjacent to and forward of pedestrian entrance to The Broadwalk Shopping Centre.

Buses proceed from Edgware Bus Station direct to stand, departing to Edgware Bus Station. Set down in Edgware Bus Station, at Stop G (BP090 - Edgware Station ◊, Last Stop on LOR: BP090 - Edgware Station ◊) and pick up {Not Specified}, at Stop C (R0789 - Edgware Bus Station, First Stop on LOR: R0789 - Edgware Bus Station).

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.  
BLIND DISPLAY: Edgware Station.



## **EDGWARE STATION, BUS STATION, REAR STAND (from BROADFIELDS ESTATE)**

Private offside stand for 2 buses on south side of Edgware Bus Station adjacent to north side of The Broadwalk Shopping Centre commencing 3 metres west of pedestrian crossing linking bus station concourse and the shopping centre and extending 24 metres west. Buses proceed from Edgware Bus Station direct to stand, departing to Edgware Bus Station. Set down in Edgware Bus Station, at Stop G (BP090 - Edgware Station ◊), Last Stop on LOR: BP090 - Edgware Station ◊) and pick up in Edgware Bus Station, at Stop F (R0792 - Edgware Bus Station ◊, First Stop on LOR: R0792 - Edgware Bus Station ◊).

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.  
BLIND DISPLAY: Edgware Station.

## **BROADFIELDS ESTATE, BUSHFIELD CRESCENT, HESITATION POINT**

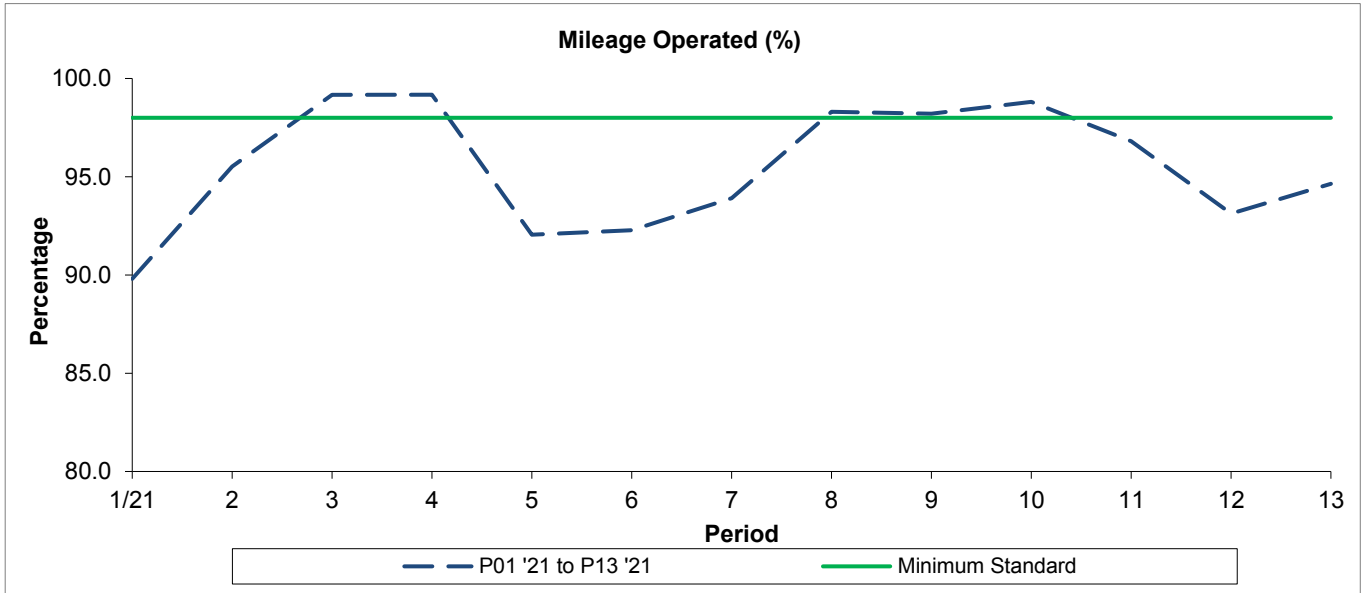
Hesitation point only; Buses must only hesitate as long as necessary to change ticket machine, radio and blind displays. Buses proceed from Bushfield Crescent direct to stand, departing to Bushfield Crescent. Set down in Bushfield Crescent (34432 - Meadfield, Last Stop on LOR: 34432 - Meadfield) and pick up in Bushfield Crescent (34432 - Meadfield, First Stop on LOR: 34432 - Meadfield).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: None.  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Broadfields Estate.

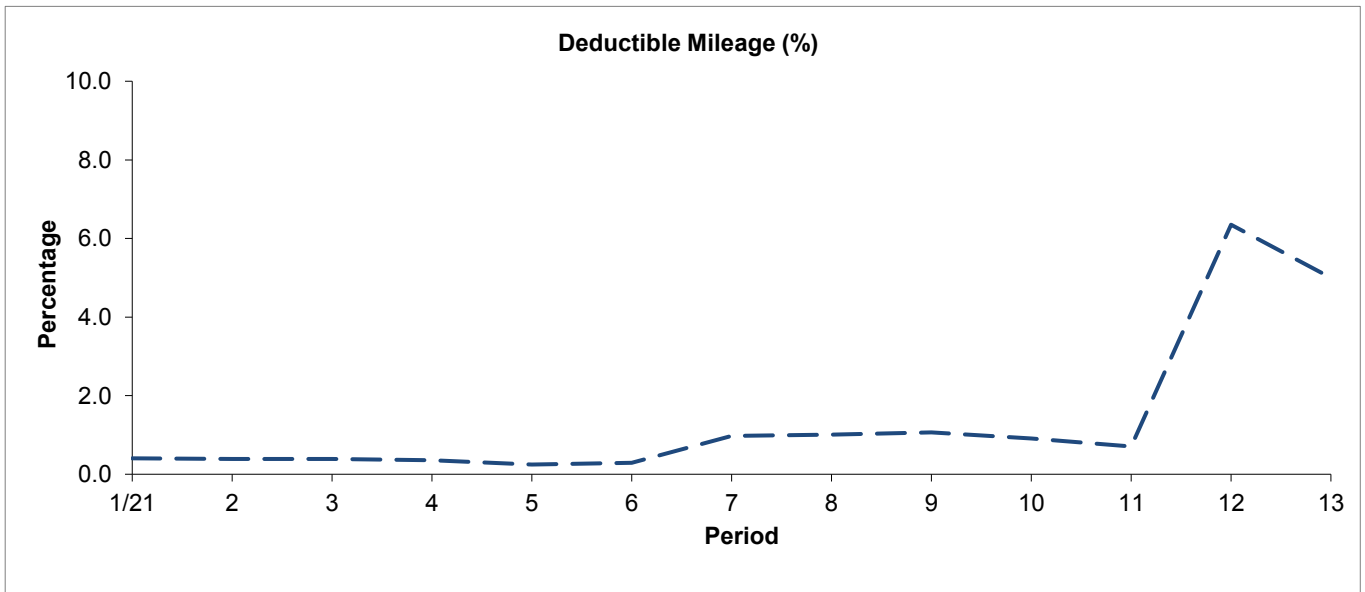
Period Trend Performance Graphs

# Route 288

**Mileage Performance**



Period	1/21	2	3	4	5	6	7	8	9	10	11	12	13
P01 '21 to P13 '21	89.80	95.52	99.17	99.17	92.05	92.28	93.91	98.31	98.20	98.81	96.80	93.12	94.64
Minimum 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

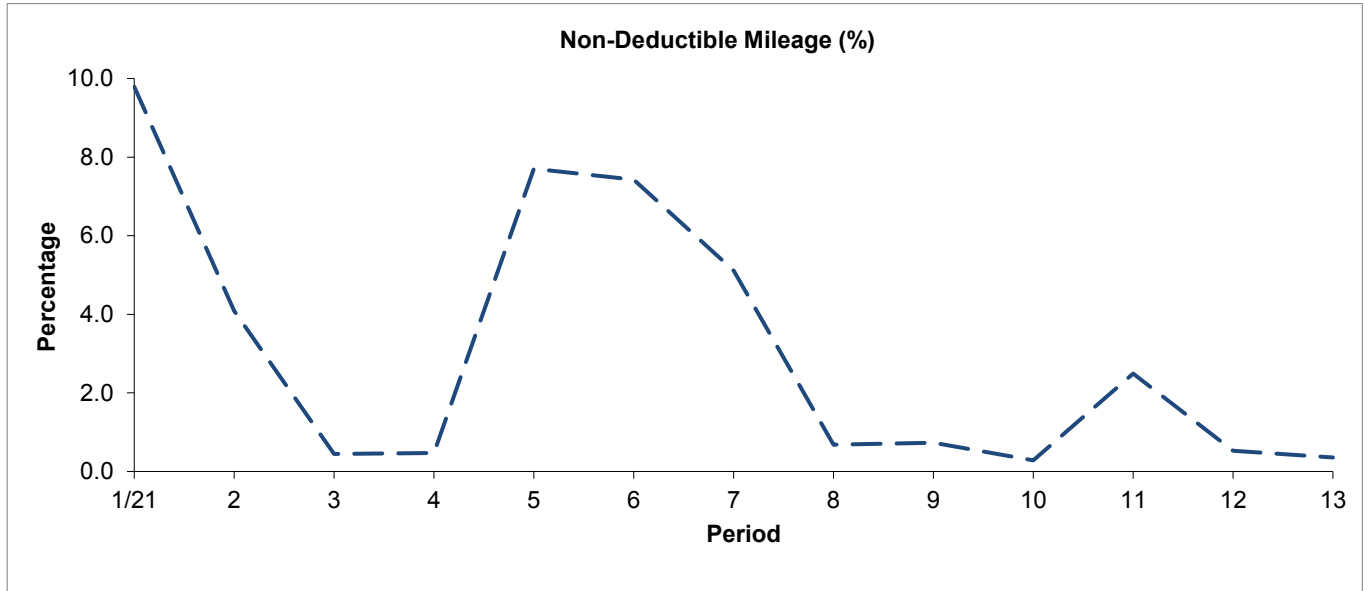


Period	1/21	2	3	4	5	6	7	8	9	10	11	12	13
P01 '21 to P13 '21	0.40	0.39	0.39	0.35	0.25	0.29	0.98	1.01	1.06	0.91	0.71	6.35	5.00

Period Trend Performance Graphs

# Route 288

Mileage Performance



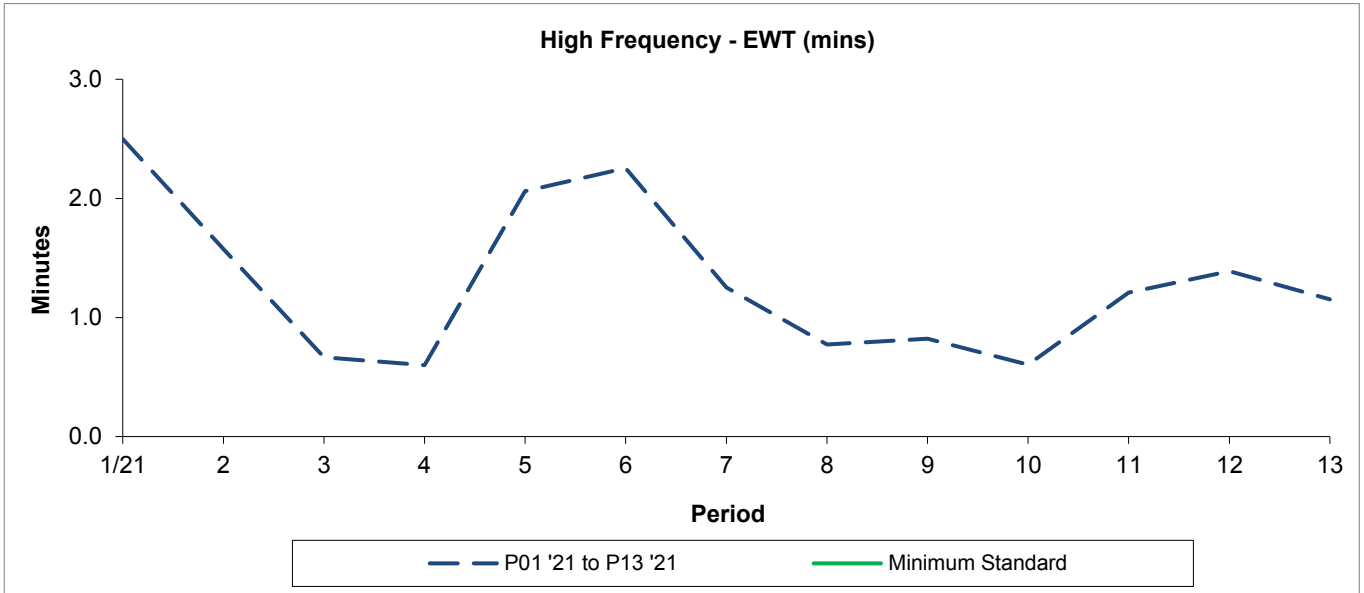
Period	1/21	2	3	4	5	6	7	8	9	10	11	12	13
P01 '21 to P13 '21	9.79	4.08	0.44	0.47	7.70	7.43	5.11	0.68	0.73	0.28	2.49	0.53	0.36

Mileage Performance figures are based on four weeks data

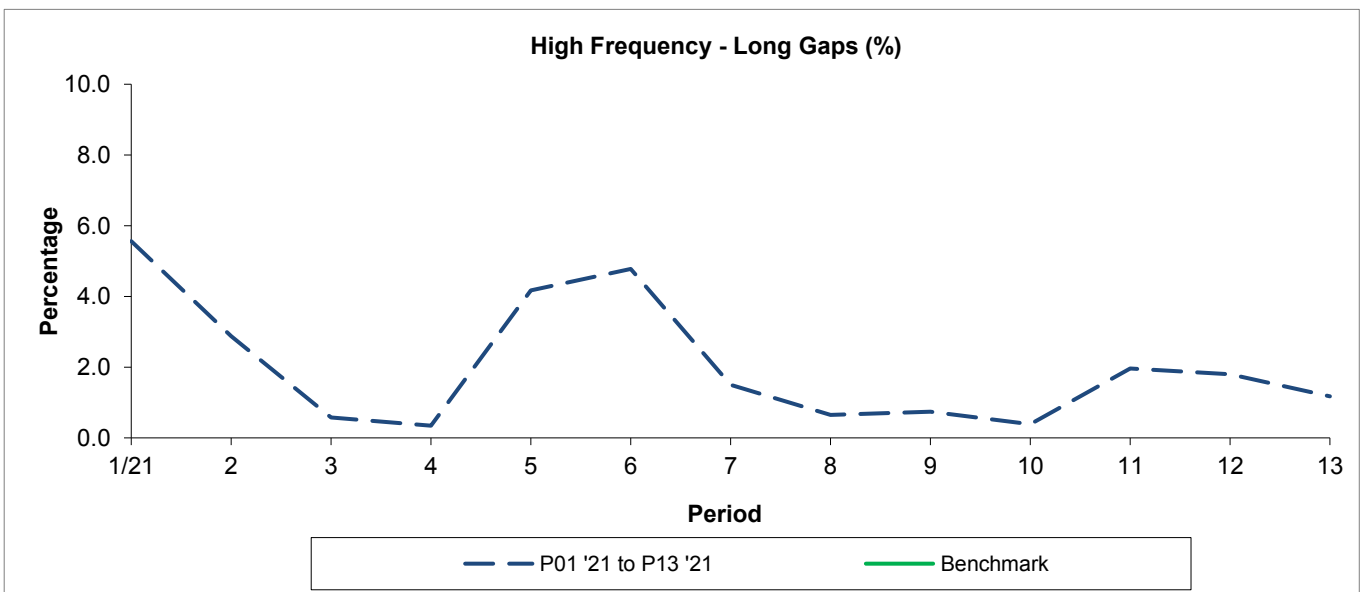
Period Trend Performance Graphs

# Route 288

## Reliability Performance



Period	1/21	2	3	4	5	6	7	8	9	10	11	12	13
P01 '21 to P13 '21	2.50	1.57	0.66	0.60	2.06	2.25	1.25	0.77	0.82	0.60	1.21	1.39	1.15
Minimum Standard													



Period	1/21	2	3	4	5	6	7	8	9	10	11	12	13
P01 '21 to P13 '21	5.56	2.87	0.58	0.35	4.17	4.78	1.50	0.65	0.74	0.39	1.96	1.80	1.17
Benchmark													

Minimum Standards and Benchmarks are those applicable under the new contract.

Detailed QSI Report

## Route 288

### Full iBus results by Time of Day

Quarter 1 / 2021 to Quarter 4 / 2021 (01/04/2021 to 31/03/2022)

#### All days

(Day Routes 05:00 - 24:00, Night Routes 00:00 - 05:00)

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	12,352	11,703	94.7	8.2	0.6	8.8	70.7	26.7	2.1	0.4	0.8	80.1
07:00 - 10:00	33,143	32,417	97.8	5.3	0.9	6.3	81.1	17.3	1.4	0.2	1.3	47.2
10:00 - 13:00	35,344	33,306	94.2	5.3	1.4	6.7	77.7	19.8	2.2	0.3	2.1	52.7
13:00 - 16:00	35,058	32,818	93.6	5.3	1.8	7.1	75.0	21.2	3.0	0.8	3.5	70.8
16:00 - 19:00	35,027	33,728	96.3	5.3	1.6	6.9	77.5	19.5	2.6	0.5	2.5	65.9
19:00 - 22:00	22,754	21,990	96.6	8.1	1.0	9.1	58.5	34.7	5.1	1.6	1.3	108.0
22:00 - 24:00	12,363	12,127	98.1	10.0	0.7	10.7	48.7	43.8	6.1	1.4	0.3	63.6
<b>All Locations Summary</b>	<b>186,041</b>	<b>178,089</b>	<b>95.7</b>	<b>5.9</b>	<b>1.3</b>	<b>7.3</b>	<b>74.0</b>	<b>22.6</b>	<b>2.8</b>	<b>0.6</b>	<b>2.1</b>	<b>108.0</b>

#### Mondays to Fridays

(Day Routes 05:00 - 24:00, Night Routes 00:00 - 05:00)

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	10,152	9,620	94.8	7.9	0.7	8.6	72.4	25.4	1.8	0.4	0.7	80.1
07:00 - 10:00	26,527	25,746	97.1	4.9	1.0	5.9	83.8	14.8	1.2	0.2	1.5	44.6
10:00 - 13:00	25,969	24,247	93.4	5.0	1.6	6.6	78.8	18.5	2.3	0.4	2.7	52.7
13:00 - 16:00	25,729	23,702	92.1	5.0	2.1	7.1	75.3	20.3	3.4	1.0	4.3	70.8
16:00 - 19:00	26,225	25,244	96.3	5.0	1.6	6.6	80.1	17.3	2.2	0.4	2.7	65.9
19:00 - 22:00	16,993	16,341	96.2	7.5	1.1	8.6	61.6	32.3	4.4	1.7	1.6	108.0
22:00 - 24:00	8,529	8,328	97.6	10.0	0.8	10.8	48.5	43.6	6.3	1.6	0.3	63.6
<b>All Locations Summary</b>	<b>140,124</b>	<b>133,228</b>	<b>95.1</b>	<b>5.6</b>	<b>1.5</b>	<b>7.0</b>	<b>76.1</b>	<b>20.6</b>	<b>2.7</b>	<b>0.6</b>	<b>2.5</b>	<b>108.0</b>

#### Saturdays

(Day Routes 05:00 - 24:00, Night Routes 00:00 - 05:00)

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	1,605	1,503	93.6	10.0	0.4	10.4	54.4	40.3	4.8	0.5	0.3	62.9
07:00 - 10:00	3,405	3,466	101.8	7.8	0.4	8.1	67.5	30.8	1.7	0.1	0.0	42.4
10:00 - 13:00	5,251	5,075	96.6	5.0	0.9	5.9	84.3	14.7	0.9	0.1	1.0	34.8
13:00 - 16:00	5,256	5,083	96.7	5.0	1.1	6.1	83.2	15.5	1.1	0.2	1.3	44.8
16:00 - 19:00	4,868	4,613	94.8	5.4	1.6	7.0	75.0	21.1	3.1	0.8	3.0	59.0
19:00 - 22:00	2,698	2,603	96.5	9.4	1.2	10.6	50.1	40.1	7.7	2.0	0.6	63.0
22:00 - 24:00	1,746	1,741	99.7	10.0	0.5	10.6	49.0	43.7	6.1	1.2	0.4	46.6
<b>All Locations Summary</b>	<b>24,829</b>	<b>24,084</b>	<b>97.0</b>	<b>6.4</b>	<b>1.0</b>	<b>7.4</b>	<b>72.7</b>	<b>23.9</b>	<b>2.9</b>	<b>0.6</b>	<b>1.3</b>	<b>63.0</b>

#### Sundays and Bank Holidays

(Day Routes 05:00 - 24:00, Night Routes 00:00 - 05:00)

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	595	580	97.5	10.0	-0.1	9.9	72.9	23.6	3.2	0.3	3.3	26.4
07:00 - 10:00	3,211	3,205	99.8	9.5	0.4	9.8	55.8	39.7	4.1	0.4	0.1	47.2
10:00 - 13:00	4,124	3,984	96.6	7.5	0.8	8.3	63.3	33.6	2.9	0.2	0.2	41.9
13:00 - 16:00	4,073	4,033	99.0	7.5	0.7	8.2	64.1	33.0	2.4	0.4	0.6	37.2
16:00 - 19:00	3,934	3,871	98.4	7.8	1.1	8.9	60.0	34.7	4.6	0.6	0.5	50.0
19:00 - 22:00	3,063	3,046	99.4	10.0	0.6	10.6	49.1	43.5	6.4	1.1	0.2	47.0
22:00 - 24:00	2,088	2,058	98.6	10.0	0.4	10.4	49.3	45.0	4.9	0.8	0.1	44.0
<b>All Locations Summary</b>	<b>21,088</b>	<b>20,777</b>	<b>98.5</b>	<b>8.3</b>	<b>0.7</b>	<b>9.0</b>	<b>59.5</b>	<b>36.1</b>	<b>3.9</b>	<b>0.5</b>	<b>0.4</b>	<b>50.0</b>

**Transport for London - Live Mileage List**

v2.0 - Mileage directly imported from Caesar

Route: 288

Service Change: 47698  
Date: 01/09/2018

Queensbury, Morrisons - Broadfields Estate	Tranche 842
Reason for Issue	New Contract

QSI points are highlighted.

OUT DIRECTION					BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles	Timing Point Code	Stop Number	Stop Name	Metres	Miles
QBRYMR	26529	Queensbury Morrisons			BFDSBC	34432	Meadfield		
QBRYSN	16116	Queensbury Station	689	0.43		34433	Springwood Crescent	238	0.15
	27507	Mollison Way	391	0.24		34434	Morley Crescent	208	0.13
	27505	Bridgewater Gardens	333	0.21		34435	Aldridge Avenue	306	0.19
	27503	St Bride's Avenue	350	0.22		34436	Glengall Road	308	0.19
	27501	Merlin Crescent	425	0.26		34437	Broadhurst Avenue	470	0.29
	27499	Bacon Lane	179	0.11		8428	Edgwarebury Lane / Edgware Way	448	0.28
EGWRRCR	6070	Deansbrook Road	544	0.34		15759	Edgwarebury Gardens	353	0.22
	14803	Spring Villa Road	351	0.22		BP090	Edgware Station	528	0.33
	29834	Manor Park Crescent	358	0.22	EWSNBS	R0789	Edgware Bus Station	249	0.15
	BP090	Edgware Station	207	0.13		29833	Manor Park Crescent	288	0.18
EWSNBS	R0792	Edgware Bus Station	122	0.08		6071	Whitchurch Lane	293	0.18
	25118	Edgware Station / Station Road	353	0.22	EGWRRCR	2990	Deansbrook Road	340	0.21
	15760	Purcells Avenue	416	0.26		27498	Summit Close	276	0.17
	20498	Edgwarebury Lane / Edgware Way	327	0.20		27500	Bacon Lane	360	0.22
	34430	Wolmer Close	434	0.27		27502	Merlin Crescent	211	0.13
	BP5308	Bullescroft Road	377	0.23		27504	St Bride's Avenue	328	0.20
	34431	Glengall Road	173	0.11		27506	Bridgewater Gardens	444	0.28
BFDSBC	34432	Meadfield	251	0.16		27508	Mollison Way	315	0.20
					QBRYSN	14766	Queensbury Station	328	0.20
					QBRYMR	26529	Queensbury Morrisons	490	0.30
Total Route Mileage - Out Direction			6280	3.90	Total Route Mileage - Back Direction			6781	4.21
			Metres	Miles				Metres	Miles

## 7. Service Specification

Route: 288

Contract Reference: QC61302

This Service Specification forms section 7 of the ITT and should be read in conjunction with the ITT document, Version 1 dated 29 September 2011.

You are formally invited to tender for the provision of the bus service detailed below and in accordance with this Service Specification. Tenderers must ensure that a Compliant Tender is submitted and this will only be considered for evaluation if all parts of the Tender documents, as set out in section 11, have been received by the Corporation by the Date of Tender. The Tender must be fully completed in the required format, in accordance with the Instructions to Tenderers. A Compliant Tender must comply fully with the requirements of the Framework Agreement; adhere to the requirements of the Service Specification; and reflect the price of operating the Services with new vehicles.

<b>Route Number</b>	288
<b>Terminus Points</b>	Queensbury, Morrisons and Queensbury, Morrisons (via Broadfields Estate)
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	1 <sup>st</sup> September 2018
<b>Vehicle Type</b>	60 capacity, dual door, single deck vehicles, minimum 10.8m long, subject to a satisfactory route test
<b>Current Maximum Approved Dimensions</b>	10.2 metres long and 2.55 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	No
<b>Sponsored Route</b>	No
<b>Advertising Rights</b>	Operator
<b>Minimum Performance Standard</b>	Average Excess Wait Time - No more than 0.90 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold - 0.85 minutes
<b>Minimum Operated Mileage Standard</b>	No less than 98%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 16<sup>th</sup> October 2017.

*Tenderers should refer to section 3 of Part A for the Service Specification Explanatory Notes and Appendix B of section 5 for the Example Service Specification of the ITT document.*

## **SERVICE SPECIFICATION**

- 1) SERVICE SPEC - ROUTE SPECIFICATION INFORMATION
- 2) NOTES
- 3) SCHEDULE REQUIREMENTS & PINCHPOINTS
- 4) OPERATIONAL CONSIDERATIONS
- 5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS



## 2) 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. 288.

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:

- 60 capacity, dual door, single deck vehicles, minimum 10.8m long are specified, subject to a satisfactory route test.

### **Operators should provide the following prices:**

1. Annual diesel price - based on minimum 5 year contract.

**Tenderers are encouraged to offer alternative vehicle options in accordance with Part 9 of their tender, including but not limited to:**

1. Modifications to reduce emissions and fuel consumption (including energy storage, engine stop/start and/or energy efficient components).
2. Zero emission vehicles (e.g. electric or fuel cell).
3. Existing vehicles.

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

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

Queensbury, Morrisons to Queensbury, Morrisons (via Broadfields Estate)		
First departure no later than 0510.		
0505 - 0550	Every 20 minutes	
0551 - 0620	Every 15 minutes	
0621 - 1905	Every 10 minutes	
1906 - 2005	Every 15 minutes	
2006 - 0010	Every 20 minutes	
Last departure no earlier than 0005.		
<b>Pinchpoints</b>		
Edgware Station, Bus Station (southbound)	0700 - 0900	10 minutes
	1500 - 1630	10 minutes

Tenderers should ensure that buses are scheduled to hesitate for no more than two minutes at Broadfields Estate, Bushfield Crescent Hesitation Point.

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Queensbury, Morrisons to Queensbury, Morrisons (via Broadfields Estate)		
First departure no later than 0510.		
0505 - 0730	Every 20 minutes	
0731 - 0915	Every 15 minutes	
0916 - 1805	Every 10 minutes	
1806 - 1905	Every 15 minutes	
1906 - 0010	Every 20 minutes	
Last departure no earlier than 0005.		
<b>Pinchpoints</b>		
Edgware Station, Bus Station (southbound)	0900 - 0945	15 minutes
	0946 - 1105	10 minutes

Tenderers should ensure that buses are scheduled to hesitate for no more than two minutes at Broadfields Estate, Bushfield Crescent Hesitation Point.

**3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued**

**3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS**

Queensbury, Morrisons to Queensbury, Morrisons (via Broadfields Estate)		
First departure no later than 0620.		
0615 - 0900	Every 20 minutes	
0901 - 1805	Every 15 minutes	
1806 - 0010	Every 20 minutes	
Last departure no earlier than 0005.		
<b>Pinchpoints</b>		
Edgware Station, Bus Station (southbound)	1000 - 1030	15 minutes

**Tenderers should ensure that buses are scheduled to hesitate for no more than two minutes at Broadfields Estate, Bushfield Crescent Hesitation Point.**

**Tenderers must identify the cost of the Boxing Day element of this service separately.**

**4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. 288 can suffer unpredictable traffic delays in the Edgware Station area.
- 4.2) A proposal exists for a stand adjacent to the bus stop named 'Queensbury Morrisons', point letter EE (bus stop number: 26529) as a result of the long out of service routeing to and from the current stand. Any further changes will be discussed with successful Tenderer.

**5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS**

- 5.1) ROUTE RECORD  
As per Busnet printout.
- 5.2) CURRENT PERFORMANCE  
As per current print out.
- 5.3) QSI BY TIME OF DAY  
As per current print out.
- 5.4) IBUS MILEAGE & QSI POINTS  
As per current print out.

# LONDON BUSES - ROUTE DESCRIPTION

## ROUTE 288: Queensbury, Morrisons - Broadfields Estate

**Date of Structural Change:** 1 September 2018.

**Date of Service Change:** 1 September 2018.

**Reason for Issue:** New tender.

### STREETS TRAVERSED

**Towards Broadfields Estate:** Honeypot Lane, Westmoreland Road, Cumberland Road, Queensbury Station Parade, Turner Road, Camrose Avenue, Burnt Oak Broadway, Edgware High Street, Station Road, Edgware Bus Station, Station Road, Edgwarebury Lane, Edgware Way (Watford By-Pass), Broadfields Avenue, Bushfield Crescent.

**Towards Queensbury, Morrisons:** Bushfield Crescent, Kenilworth Road, Glengall Road, Broadfields Avenue, Edgware Way (Watford By-Pass), Edgwarebury Lane, Station Road, Edgware Bus Station, Station Road, Edgware High Street, Burnt Oak Broadway, Camrose Avenue, Turner Road, Queensbury Station Parade, Cumberland Road, Honeypot Lane.

### AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

Please note that only stands, curtailment points, & blind descriptions as detailed in this contractual document may be used.

### QUEENSBURY, MORRISONS

Public stand for two buses on south west side of Westmoreland Road, opposite Morrisons Supermarket and extending 20 metres south.

Buses proceed from Honeypot Lane via Westmoreland Road to stand, departing via Westmoreland Road and Cumberland Road to Honeypot Lane. Set down in Honeypot Lane, at Stop EE (26529 - Queensbury Morrisons, Last Stop on LOR: 26529 - Queensbury Morrisons) and pick up in Honeypot Lane, at Stop EE (26529 - Queensbury Morrisons, First Stop on LOR: 26529 - Queensbury Morrisons).

**AVAILABILITY:** At any time.

**OPERATING RESTRICTIONS:** No more than 2 buses on Route 288 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.

**BLIND DISPLAY:** Queensbury, Morrison's.

### **QUEENSBURY STATION (from BROADFIELDS ESTATE)**

Public stand for two buses on east side Queensbury Circus (eastern arm), between the two arms of Queensbury Station Parade, commencing 8 metres north of lamp standard No. 44 and extending 22 metres north.

Buses proceed from Queensbury Station Parade direct to stand, departing to Queensbury Station Parade. Set down in Queensbury Station Parade, at Stop BB (14766 - Queensbury Station ◊) and pick up in Queensbury Station Parade, at Stop AA (16116 - Queensbury Station ◊).

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.  
BLIND DISPLAY: Queensbury.

### **BURNT OAK, DEANSBROOK ROAD (from BROADFIELDS ESTATE)**

Public stand for 2 buses on south side of Deansbrook Road, outside Blood Transfusion buildings, approximately 80 metres east of and opposite Heming Road.

Buses proceed from Burnt Oak Broadway via Watling Avenue, Orange Hill Road and Deansbrook Road to stand, departing via Deansbrook Road to Burnt Oak Broadway. Set down in Burnt Oak Broadway, at Stop HD (2990 - Deansbrook Road, Last Stop on LOR: 2990 - Deansbrook Road) and pick up in Burnt Oak Broadway, at Stop HC (6070 - Deansbrook Road, First Stop on LOR: 6070 - Deansbrook Road).

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.  
BLIND DISPLAY: Burnt Oak Broadway.

### **EDGWARE STATION, BUS STATION (from Queensbury, Morrisons)**

Private stand for 9 buses on south side of Edgware Bus Station adjacent to and forward of pedestrian entrance to The Broadwalk Shopping Centre.

Buses proceed from Edgware Bus Station direct to stand, departing to Edgware Bus Station. Set down in Edgware Bus Station, at Stop G (BP090 - Edgware Station ◊, Last Stop on LOR: BP090 - Edgware Station ◊) and pick up in Edgware Bus Station, at Stop C (R0789 - Edgware Bus Station, First Stop on LOR: R0789 - Edgware Bus Station).

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.  
BLIND DISPLAY: Edgware.

## **EDGWARE STATION, BUS STATION, REAR STAND (from BROADFIELDS ESTATE)**

Private offside stand for 2 buses on south side of Edgware Bus Station adjacent to north side of The Broadwalk Shopping Centre commencing 3 metres west of pedestrian crossing linking bus station concourse and the shopping centre and extending 24 metres west. Buses proceed from Edgware Bus Station direct to stand, departing to Edgware Bus Station. Set down in Edgware Bus Station, at Stop G (BP090 - Edgware Station ◊, Last Stop on LOR: BP090 - Edgware Station ◊) and pick up in Edgware Bus Station, at Stop F (R0792 - Edgware Bus Station ◊, First Stop on LOR: R0792 - Edgware Bus Station ◊).

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.  
BLIND DISPLAY: Edgware.

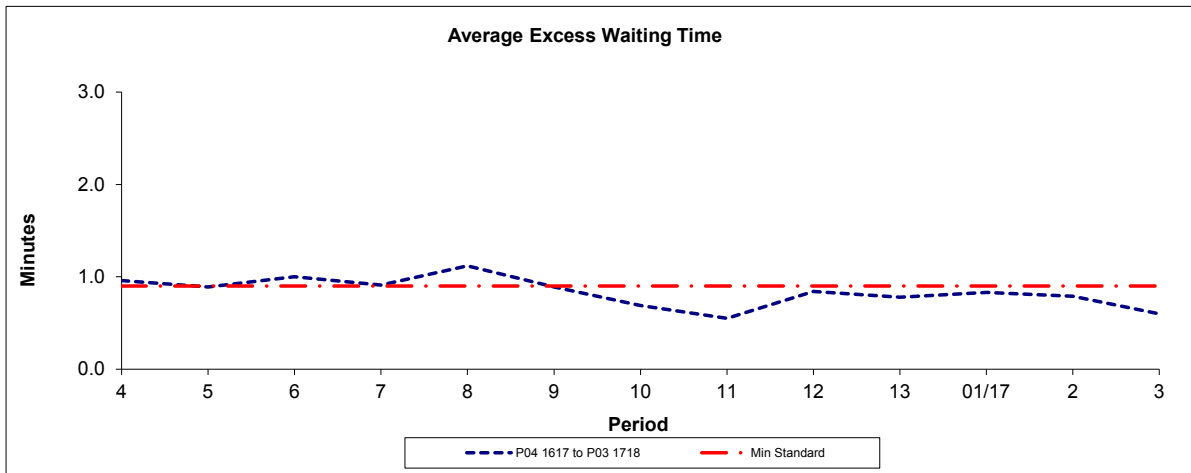
## **BROADFIELDS ESTATE, BUSHFIELD CRESCENT, HESITATION POINT**

Hesitation point only; Buses must only hesitate as long as necessary to change ticket machine, radio and blind displays. Buses proceed from Bushfield Crescent direct to stand, departing to Bushfield Crescent. Set down in Bushfield Crescent (34432 - Meadfield, Last Stop on LOR: 34432 - Meadfield) and pick up in Bushfield Crescent (34432 - Meadfield, First Stop on LOR: 34432 - Meadfield).

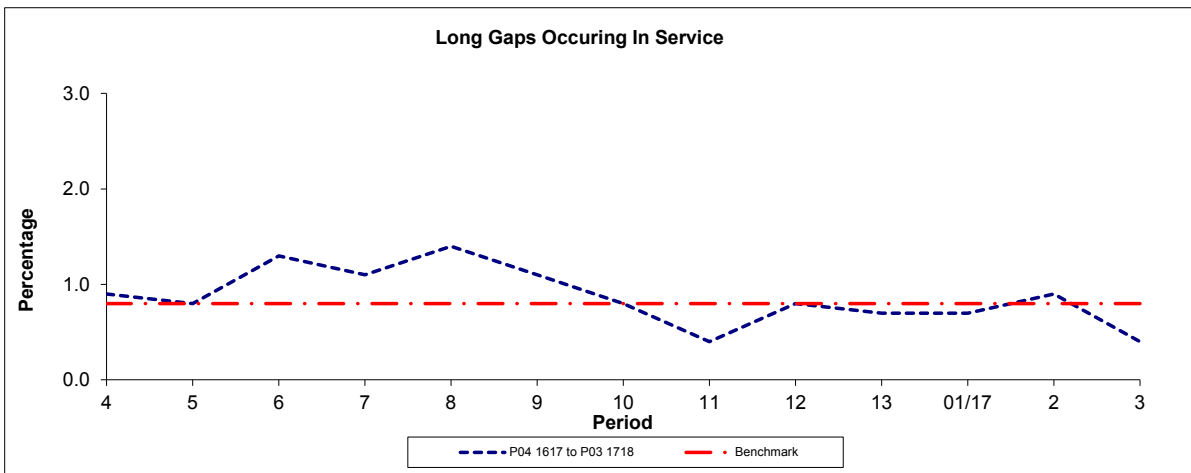
AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: None.  
MEAL RELIEFS: No meal relief vehicles to stand at any time.  
FERRY VEHICLES: No ferry vehicles to park on stand at any time.  
BLIND DISPLAY: Broadfields Estate.

**PART B - PERFORMANCE STATISTICS**

**Route 288**



Period	4	5	6	7	8	9	10	11	12	13	01/17	2	3
P04 1617 to P03 1718	0.96	0.89	1.00	0.91	1.12	0.89	0.69	0.55	0.84	0.78	0.83	0.79	0.60
Min Standard	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90

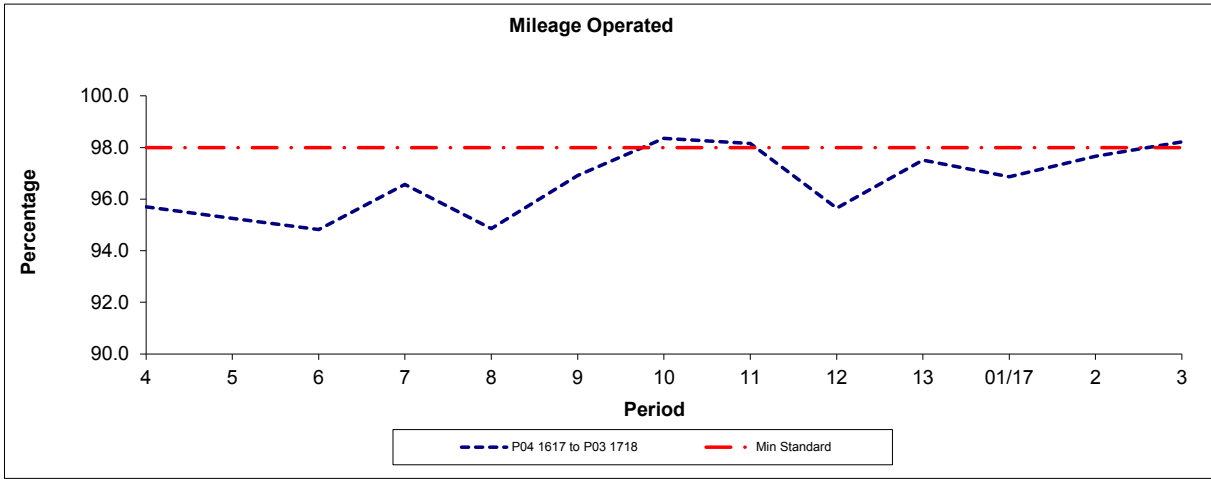


Period	4	5	6	7	8	9	10	11	12	13	01/17	2	3
P04 1617 to P03 1718	0.9	0.8	1.3	1.1	1.4	1.1	0.8	0.4	0.8	0.7	0.7	0.9	0.4
Benchmark	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

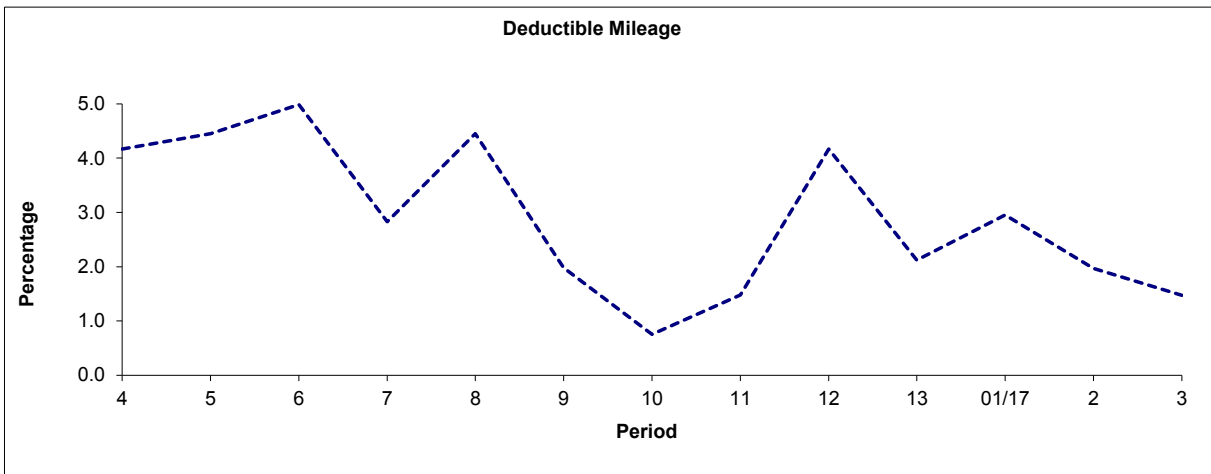
Note : Reliability is actual performance under full iBus (4 weeks data).  
Minimum Standards and Benchmarks are those applicable under the new contract.

**PART B - PERFORMANCE STATISTICS**

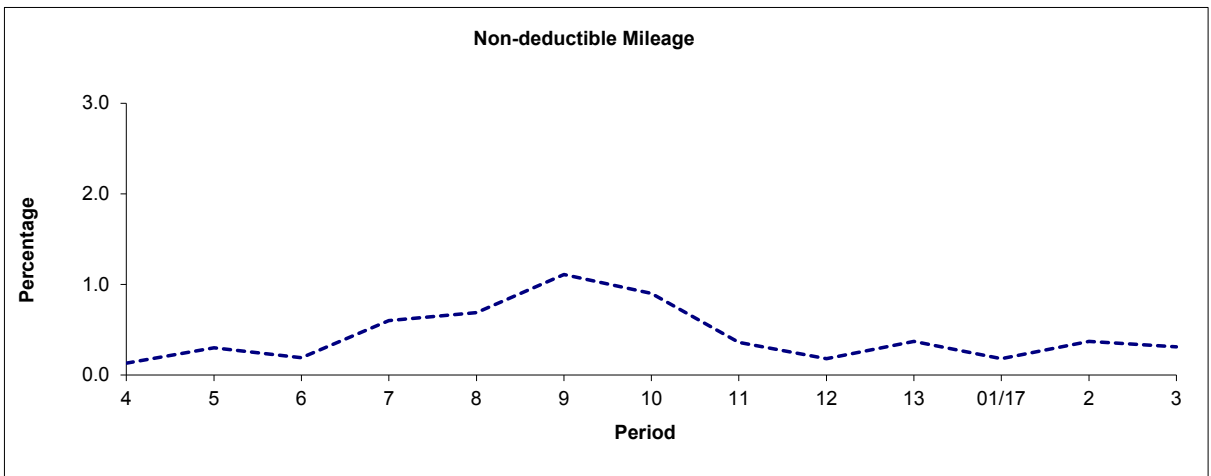
**Route 288**



Period	4	5	6	7	8	9	10	11	12	13	01/17	2	3
P04 1617 to P03 1718	95.70	95.25	94.82	96.57	94.86	96.92	98.35	98.16	95.65	97.51	96.87	97.66	98.22
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	4	5	6	7	8	9	10	11	12	13	01/17	2	3
P04 1617 to P03 1718	4.17	4.45	4.99	2.83	4.45	1.98	0.75	1.48	4.17	2.12	2.95	1.97	1.47



Period	4	5	6	7	8	9	10	11	12	13	01/17	2	3
P04 1617 to P03 1718	0.13	0.30	0.19	0.60	0.69	1.11	0.90	0.36	0.18	0.37	0.18	0.37	0.31

Note: Mileage is based on 4 weeks data  
 Mileage performance in period 6 16/17 was adversely affected by industrial action.



**ROUTE 288 - FULL iBUS RESULTS BY TIME OF DAY**  
**QUARTER 2 16/17 TO QUARTER 1 17/18 (25/06/16 - 23/06/17)**

**MONDAY - FRIDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	10,072	9,567	95.0	8.22	<b>0.49</b>	8.70	70.5	27.5	1.7	0.2	0.5	70
07:00 - 10:00	27,697	26,766	96.6	4.86	<b>0.80</b>	5.67	86.9	12.4	0.7	0.1	0.9	59
10:00 - 13:00	26,646	25,940	97.4	5.00	<b>0.61</b>	5.61	87.9	11.6	0.4	0.0	0.5	43
13:00 - 16:00	26,712	25,560	95.7	5.07	<b>0.83</b>	5.90	84.3	14.7	0.9	0.1	0.9	49
16:00 - 19:00	26,784	25,362	94.7	5.00	<b>1.08</b>	6.08	83.7	15.0	1.2	0.1	1.3	53
19:00 - 22:00	17,760	17,294	97.4	7.42	<b>0.69</b>	8.11	64.1	32.1	3.1	0.7	0.8	66
22:00 - 24:00	8,754	8,632	98.6	10.00	<b>0.53</b>	10.53	49.3	44.0	5.5	1.2	0.1	79
<b>All Locations Summary</b>	<b>144,425</b>	<b>139,121</b>	<b>96.3</b>	<b>5.58</b>	<b>0.81</b>	<b>6.39</b>	<b>81.1</b>	<b>17.4</b>	<b>1.3</b>	<b>0.2</b>	<b>0.9</b>	<b>79</b>

**SATURDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	1,630	1,531	93.9	10.00	<b>0.36</b>	10.36	54.5	40.6	4.5	0.4	0.0	42
07:00 - 10:00	3,635	3,613	99.4	7.48	<b>0.44</b>	7.93	69.3	29.2	1.5	0.0	0.1	41
10:00 - 13:00	5,537	5,336	96.4	4.93	<b>0.74</b>	5.68	86.4	13.1	0.5	0.0	0.5	36
13:00 - 16:00	5,431	5,194	95.6	4.94	<b>1.40</b>	6.34	80.2	18.0	1.7	0.2	2.0	48
16:00 - 19:00	5,110	4,913	96.1	5.43	<b>1.41</b>	6.85	76.5	20.1	2.6	0.7	2.6	53
19:00 - 22:00	2,907	2,941	101.2	9.21	<b>0.67</b>	9.88	52.1	40.7	6.1	1.1	0.3	47
22:00 - 24:00	1,806	1,775	98.3	10.00	<b>0.67</b>	10.67	49.1	44.2	5.5	1.2	0.0	43
<b>All Locations Summary</b>	<b>26,056</b>	<b>25,303</b>	<b>97.1</b>	<b>6.34</b>	<b>0.99</b>	<b>7.33</b>	<b>73.2</b>	<b>23.9</b>	<b>2.5</b>	<b>0.4</b>	<b>1.2</b>	<b>53</b>

**SUNDAY AND BANK HOLIDAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	557	549	98.6	10.00	<b>0.26</b>	10.26	72.5	25.0	2.1	0.4	3.7	41
07:00 - 10:00	3,309	3,212	97.1	9.37	<b>0.54</b>	9.91	55.2	39.4	5.0	0.5	0.1	45
10:00 - 13:00	4,194	4,068	97.0	7.35	<b>0.96</b>	8.31	63.8	32.3	3.4	0.5	0.6	43
13:00 - 16:00	4,176	4,075	97.6	7.40	<b>1.23</b>	8.63	63.3	32.1	3.9	0.7	0.7	59
16:00 - 19:00	3,907	3,895	99.7	7.71	<b>0.50</b>	8.21	63.1	34.0	2.3	0.7	0.5	45
19:00 - 22:00	3,091	2,930	94.8	9.82	<b>1.11</b>	10.93	48.1	41.5	7.6	2.8	0.5	54
22:00 - 24:00	1,998	1,979	99.0	10.00	<b>0.77</b>	10.77	49.0	44.8	4.9	1.3	0.1	49
<b>All Locations Summary</b>	<b>21,232</b>	<b>20,708</b>	<b>97.5</b>	<b>8.17</b>	<b>0.89</b>	<b>9.05</b>	<b>59.9</b>	<b>35.1</b>	<b>4.1</b>	<b>0.9</b>	<b>0.6</b>	<b>59</b>

**ALL DAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	SWT (mins)	EWT (mins)	AWT (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
05:00 - 07:00	12,259	11,647	95.0	8.47	<b>0.46</b>	8.93	69.1	28.6	2.0	0.3	0.6	70
07:00 - 10:00	34,641	33,591	97.0	5.28	<b>0.76</b>	6.05	84.0	14.9	1.0	0.1	0.8	59
10:00 - 13:00	36,377	35,344	97.2	5.28	<b>0.67</b>	5.96	84.7	14.4	0.8	0.1	0.5	43
13:00 - 16:00	36,319	34,829	95.9	5.32	<b>0.96</b>	6.28	81.3	17.2	1.4	0.2	1.0	59
16:00 - 19:00	35,801	34,170	95.4	5.31	<b>1.07</b>	6.38	80.9	17.4	1.4	0.3	1.4	53
19:00 - 22:00	23,758	23,165	97.5	7.95	<b>0.74</b>	8.69	60.5	34.4	4.0	1.0	0.7	66
22:00 - 24:00	12,558	12,386	98.6	10.00	<b>0.58</b>	10.58	49.3	44.2	5.4	1.2	0.1	79
<b>All Locations Summary</b>	<b>191,713</b>	<b>185,132</b>	<b>96.6</b>	<b>5.92</b>	<b>0.84</b>	<b>6.76</b>	<b>78.0</b>	<b>19.9</b>	<b>1.7</b>	<b>0.3</b>	<b>0.9</b>	<b>79</b>

## Transport for London - QSI Points and Live Mileage List

Route 288

Service change 30384

Date 31/08/2013

Reason for Issu

QSI points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
QBRYMR	26529	Queensbury Morrisons		
QBRYSN	16116	Queensbury Station	689	0.43
	27507	Mollison Way	391	0.24
	27505	Bridgewater Gardens	333	0.21
	27503	St Bride's Avenue	350	0.22
	27501	Merlin Crescent	365	0.23
	27499	Bacon Lane	239	0.15
EGWRRCR	6070	Deansbrook Road	544	0.34
	14803	Spring Villa Road	351	0.22
	29834	Manor Park Crescent	358	0.22
	BP090	Edgware Station	207	0.13
EWSNBS	R0792	Edgware Bus Station	122	0.08
	25118	Edgware Station / Station Road	351	0.22
	15760	Purcells Avenue	418	0.26
	20498	Edgwarebury Lane / Edgware Way	327	0.20
	34430	Wolmer Close	434	0.27
	BP5308	Bullecroft Road	377	0.23
	34431	Glengall Road	173	0.11
BFDSBC	34432	Meadfield	251	0.16
Total Route Mileage - Out Direction			6280	3.90
			Metres	Miles

<b>TRANCHE 613</b>
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New Contract

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
BFDSBC	34432	Meadfield		
	34433	Springwood Crescent	238	0.15
	34434	Morley Crescent	208	0.13
	34435	Aldridge Avenue	306	0.19
	34436	Glengall Road	308	0.19
	34437	Broadhurst Avenue	470	0.29
	8428	Edgwarebury Lane / Edgware Way	448	0.28
	15759	Edgwarebury Gardens	353	0.22
	BP090	Edgware Station	528	0.33
EWSNBS	R0789	Edgware Bus Station	249	0.15
	29833	Manor Park Crescent	288	0.18
	6071	Whitchurch Lane	296	0.18
EGWR CR	2990	Deansbrook Road	337	0.21
	27498	Summit Close	276	0.17
	27500	Bacon Lane	360	0.22
	27502	Merlin Crescent	229	0.14
	27504	St Bride's Avenue	310	0.19
	27506	Bridgewater Gardens	444	0.28
	27508	Mollison Way	315	0.20
QBRYSN	14766	Queensbury Station	328	0.20
QBRYMR	26529	Queensbury Morrisons	490	0.30
Total Route Mileage - Back Direction			6781	4.21
			Metres	Miles

## 7. Service Specification

Route: 288

QC42001

This Service Specification forms section 7 of the ITT and should be read in conjunction with the ITT document, Version 1 dated 29 September 2011.

You are formally invited to tender for the provision of the bus service detailed below and in accordance with this Service Specification. Tenderers must ensure that a Compliant Tender is submitted and this will only be considered for evaluation if all parts of the Tender documents, as set out in section 11, have been received by the Corporation by the Date of Tender. The Tender must be fully completed in the required format, in accordance with the Instructions to Tenderers. A Compliant Tender must comply fully with the requirements of the Framework Agreement; adhere to the requirements of the Service Specification; and reflect the price of operating the Services with new vehicles.

<b>Terminus Points</b>	Queensbury, Morrisons to Queensbury, Morrisons (Broadfields Estate, Bushfield Crescent loop)
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	31 <sup>st</sup> August 2013
<b>Vehicle Type</b>	60 capacity, dual door, single deck, minimum 10.8m long buses will be specified, subject to a satisfactory route test.
<b>Current Maximum Approved Dimensions</b>	10.2 metres long and 2.5 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	No
<b>Sponsored Route</b>	No
<b>Minimum Performance Standard</b>	Average Excess Wait Time - No more than 0.80 minutes
<b>Extension Threshold</b>	Average Excess Wait Time Threshold - 0.70 minutes
<b>Advertising Rights</b>	Operator
<b>Minimum Operated Mileage Standard</b>	No less than 98.00%

The Date of Tender for this ITT is:

No later than 12 Noon on 22<sup>nd</sup> October 2012

*Tenderers should refer to section 3 of Part A for the Service Specification Explanatory Notes and Appendix B of section 5 for the Example Service Specification of the ITT document.*

## **SERVICE SPECIFICATION**

- 1) SERVICE SPEC - ROUTE SPECIFICATION INFORMATION
- 2) NOTES
- 3) SCHEDULE REQUIREMENTS & PINCHPOINTS
- 4) OPERATIONAL CONSIDERATIONS
- 5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS

### **2) 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. 288.

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 Boxing Day service should match the Sunday service.
- **Tenderers must identify the cost of the Boxing Day element of this service separately.**
- 60 capacity, dual door, single deck buses of a minimum of 10.8 metres long buses will be specified, subject to a satisfactory route test.

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

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

Queensbury, Morrisons to Queensbury, Morrisons (Broadfields Estate, Bushfield Crescent loop)		
First departure no later than 0510.		
0505 - 0550	Every 20 minutes	
0551 - 0620	Every 15 minutes	
0621 - 1900	Every 10 minutes	
1901 - 2000	Every 15 minutes	
2001 - 0005	Every 20 minutes	
Last departure no earlier than 2400.		
<b>Pinchpoints</b>		
Edgware Station (southbound)	0730 - 0830	10 minutes
	1515 - 1645	10 minutes

Tenderers should ensure that all buses are scheduled to hesitate for two minutes in Broadfields Estate.

#### 3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Queensbury, Morrisons to Queensbury, Morrisons (Broadfields Estate, Bushfield Crescent loop)		
First departure no later than 0510.		
0505 - 0730	Every 20 minutes	
0731 - 0900	Every 15 minutes	
0901 - 1800	Every 10 minutes	
1801 - 1900	Every 15 minutes	
1901 - 0005	Every 20 minutes	
Last departure no earlier than 2400.		
<b>Pinchpoints</b>		
Edgware Station (southbound)	0930 - 1000	15 minutes
	1001 - 1200	10 minutes

Tenderers should ensure that all buses are scheduled to hesitate for two minutes in Broadfields Estate.

**3) SCHEDULE REQUIREMENTS & PINCHPOINTS – continued.**

**3.3) SUNDAY AND PUBLIC HOLIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS**

Queensbury, Morrisons to Queensbury, Morrisons (Broadfields Estate, Bushfield Crescent loop)		
First departure no later than 0620.		
0615 - 0900	Every 20 minutes	
0901 - 1800	Every 15 minutes	
1801 - 0005	Every 20 minutes	
Last departure no earlier than 2400.		
<b>Pinchpoints</b>		
Edgware Station (southbound)	1030 - 1230	15 minutes

**Tenderers should ensure that all buses are scheduled to hesitate for two minutes in Broadfields Estate.**

**Tenderers must identify the cost of the Boxing Day element of this service separately.**

**4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. 288 can suffer unpredictable traffic delays in the Edgware Station area.
- 4.2) When compiling schedules Tenderers are asked to consider passengers making connections to other services at the following locations: Queensbury Station and Edgware Station.

**5) ROUTE RECORD, CURRENT PERFORMANCE, QSI BY TIME OF DAY, IBUS MILEAGE & QSI POINTS**

- 5.1) ROUTE RECORD  
As per Busnet Printout.
- 5.2) CURRENT PERFORMANCE  
As per current print out.
- 5.3) QSI BY TIME OF DAY  
As per current print out.
- 5.4) IBUS MILEAGE & QSI POINTS  
As per current print out.

# LONDON BUSES - ROUTE DESCRIPTION

## ROUTE 288: Queensbury, Morrisons - Broadfields Estate

**Date of Structural Change:** 31 August 2013.

**Date of Service Change:** 31 August 2013.

**Reason for Issue:** New tender.

### **STREETS TRAVERSED**

**Towards Broadfields Estate:** Honeypot Lane, Westmoreland Road, Cumberland Road, Queensbury Station Parade, Turner Road, Camrose Avenue, Burnt Oak Broadway, Edgware High Street, Station Road, Edgware Bus Station, Station Road, Edgwarebury Lane, Edgware Way (Watford By-Pass), Broadfields Avenue, Bushfield Crescent.

**Towards Queensbury, Morrisons:** Bushfield Crescent, Kenilworth Road, Glengall Road, Broadfields Avenue, Edgware Way (Watford By-Pass), Edgwarebury Lane, Station Road, Edgware Bus Station, Station Road, Edgware High Street, Burnt Oak Broadway, Camrose Avenue, Turner Road, Queensbury Station Parade, Cumberland Road, Honeypot Lane.

### **AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS**

Please note that only stands, curtailment points, & blind descriptions as detailed in this contractual document may be used.

### **QUEENSBURY, MORRISONS**

Public stand for two buses on south west side of Westmoreland Road, opposite Morrisons Supermarket and extending 20 metres south.

Buses proceed from Honeypot Lane via Westmoreland Road to stand, departing via Westmoreland Road and Cumberland Road to Honeypot Lane. Set down in Honeypot Lane, at Stop EE (26529 - Queensbury Morrisons, Last Stop on LOR: 26529 - Queensbury Morrisons) and pick up in Honeypot Lane, at Stop EE (26529 - Queensbury Morrisons, First Stop on LOR: 26529 - Queensbury Morrisons).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 288 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.
BLIND DISPLAY:	Queensbury, Morrison's.



### **QUEENSBURY STATION (from BROADFIELDS ESTATE)**

Public stand for two buses on east side Queensbury Circus (eastern arm), between the two arms of Queensbury Station Parade, commencing 8 metres north of lamp standard No. 44 and extending 22 metres north.

Buses proceed from Queensbury Station Parade direct to stand, departing to Queensbury Station Parade. Set down in Queensbury Station Parade, at Stop BB (14766 - Queensbury Station <>) and pick up in Queensbury Station Parade, at Stop AA (16116 - Queensbury Station <>).

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.  
BLIND DISPLAY: Queensbury.

### **BURNT OAK, DEANSBROOK ROAD (from BROADFIELDS ESTATE)**

Public stand for 2 buses on south side of Deansbrook Road, outside Blood Transfusion buildings, approximately 80 metres east of and opposite Heming Road.

Buses proceed from Burnt Oak Broadway via Watling Avenue, Orange Hill Road and Deansbrook Road to stand, departing via Deansbrook Road to Burnt Oak Broadway. Set down in Burnt Oak Broadway, at Stop HD (2990 - Deansbrook Road, Last Stop on LOR: 2990 - Deansbrook Road) and pick up in Burnt Oak Broadway, at Stop HC (6070 - Deansbrook Road, First Stop on LOR: 6070 - Deansbrook Road).

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.  
BLIND DISPLAY: Burnt Oak Broadway.

### **EDGWARE STATION, BUS STATION (from Queensbury, Morrisons)**

Private stand for 9 buses on south side of Edgware Bus Station adjacent to and forward of pedestrian entrance to The Broadwalk Shopping Centre.

Buses proceed from Edgware Bus Station direct to stand, departing to Edgware Bus Station. Set down in Edgware Bus Station, at Stop G (BP090 - Edgware Station <>, Last Stop on LOR: BP090 - Edgware Station <>) and pick up in Edgware Bus Station, at Stop C (R0789 - Edgware Bus Station, First Stop on LOR: R0789 - Edgware Bus Station).

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.  
BLIND DISPLAY: Edgware.

## **EDGWARE STATION, BUS STATION, REAR STAND (from BROADFIELDS ESTATE)**

Private offside stand for 2 buses on south side of Edgware Bus Station adjacent to north side of The Broadwalk Shopping Centre commencing 3 metres west of pedestrian crossing linking bus station concourse and the shopping centre and extending 24 metres west.

Buses proceed from Edgware Bus Station direct to stand, departing to Edgware Bus Station. Set down in Edgware Bus Station, at Stop G (BP090 - Edgware Station <>), Last Stop on LOR: BP090 - Edgware Station <>) and pick up in Edgware Bus Station, at Stop F (R0792 - Edgware Station <>, First Stop on LOR: R0792 - Edgware Station <>).

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.
BLIND DISPLAY:	Edgware.

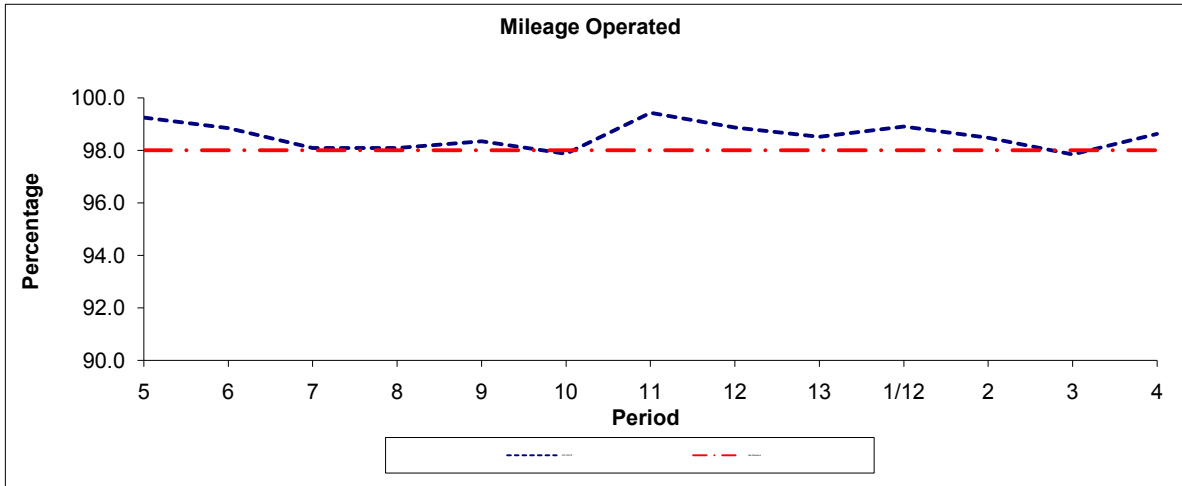
## **BROADFIELDS ESTATE, BUSHFIELD CRESCENT**

Buses proceed from Bushfield Crescent direct to stand, departing to Bushfield Crescent. Set down in Bushfield Crescent (34432 - Meadfield, Last Stop on LOR: 34432 - Meadfield) and pick up in Bushfield Crescent (34432 - Meadfield, First Stop on LOR: 34432 - Meadfield).

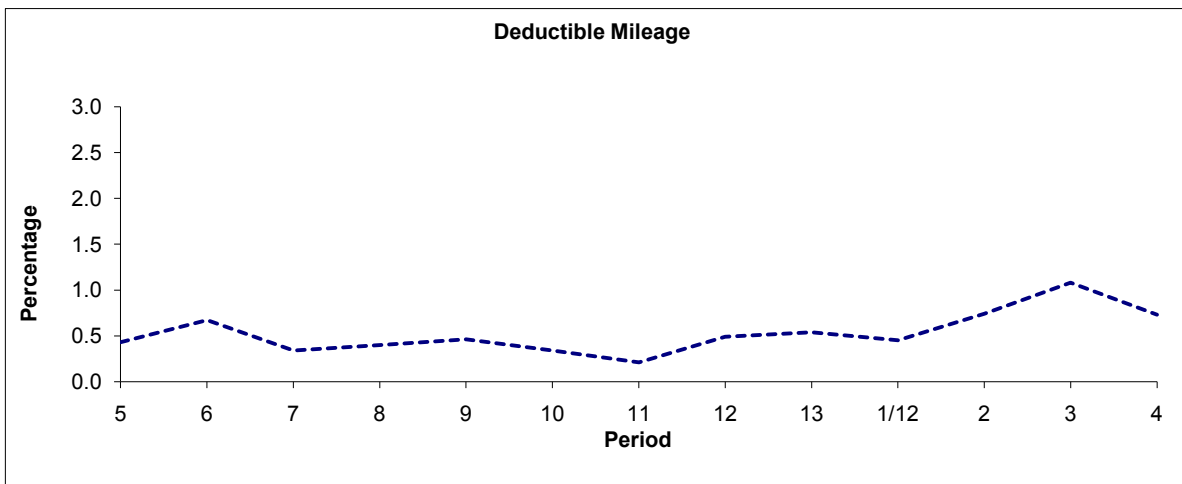
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	None.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Broadfields Estate.
OTHER INFORMATION:	HESITATION POINT ONLY - BUSES MUST NOT STAND. Buses pause on Broadfields Avenue (northbound) to change blinds and reset ticket machine.

**PART B - PERFORMANCE STATISTICS**

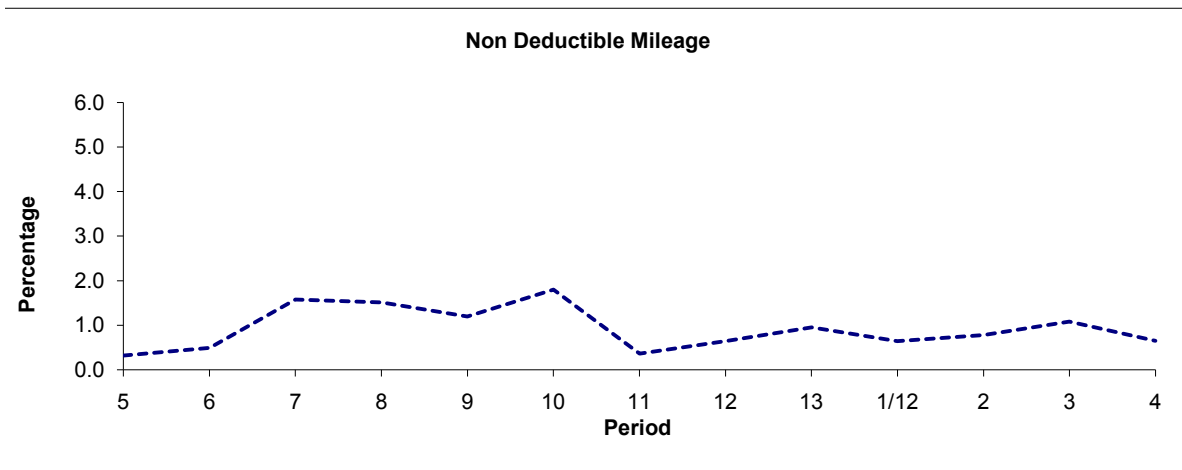
**Route 288**



Period	5	6	7	8	9	10	11	12	13	1/12	2	3	4
2011/2012	99.25	98.84	98.08	98.09	98.34	97.86	99.43	98.87	98.51	98.91	98.48	97.84	98.62
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	5	6	7	8	9	10	11	12	13	1/12	2	3	4
2011/2012	0.43	0.67	0.34	0.40	0.46	0.34	0.21	0.49	0.54	0.45	0.74	1.08	0.73

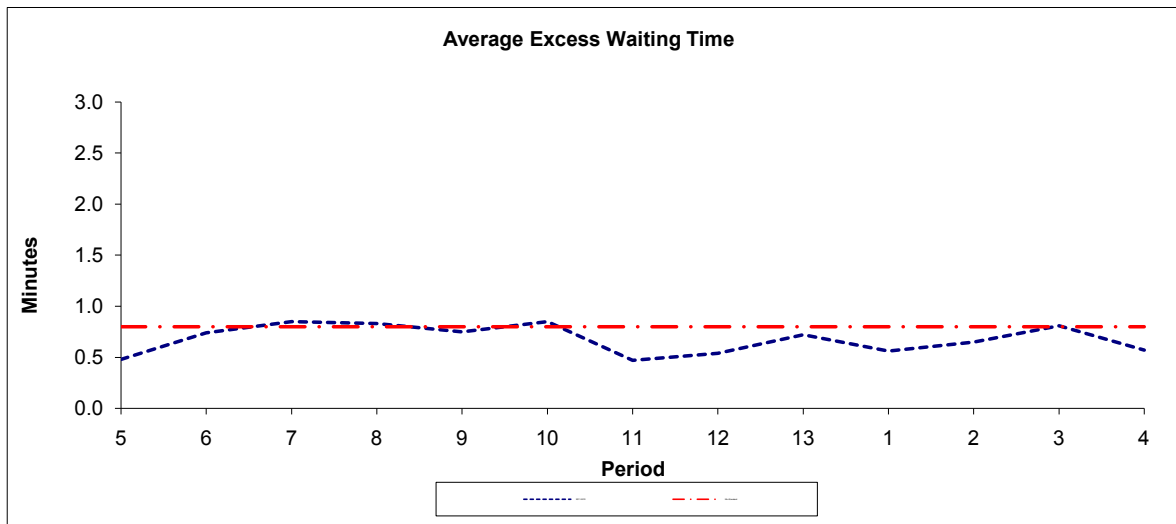


Period	5	6	7	8	9	10	11	12	13	1/12	2	3	4
2011/2012	0.32	0.49	1.58	1.51	1.20	1.80	0.36	0.64	0.95	0.64	0.78	1.08	0.65

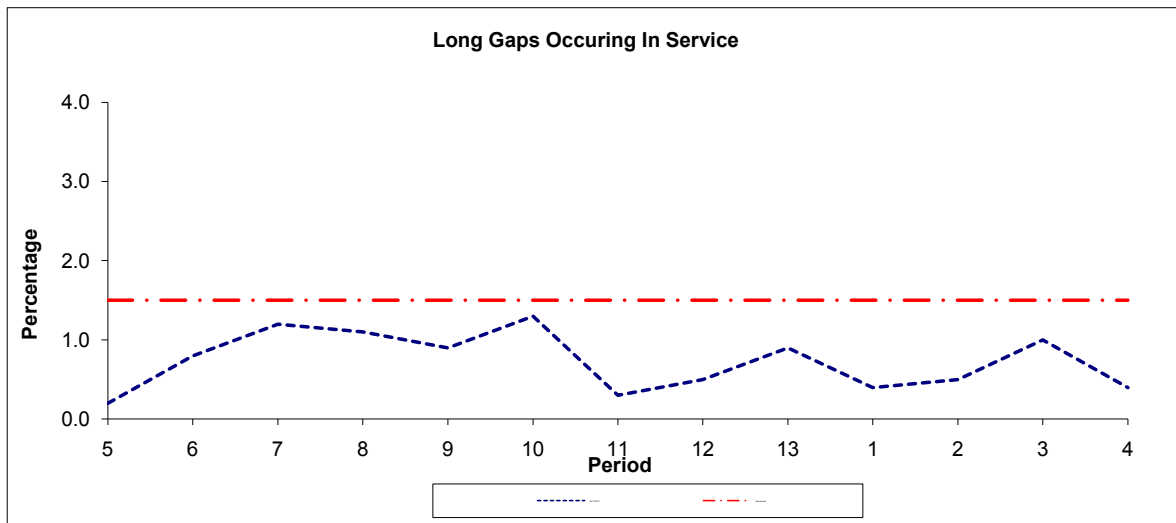
**Note :** Mileage is based on 4 weeks data

**PART B - PERFORMANCE STATISTICS**

**Route 288**



Period	5	6	7	8	9	10	11	12	13	1	2	3	4
2011-2012	0.48	0.74	0.85	0.83	0.75	0.85	0.47	0.54	0.72	0.56	0.65	0.81	0.57
Min Standard	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80



Period	5	6	7	8	9	10	11	12	13	1	2	3	4
2011-2012	0.20	0.80	1.20	1.10	0.90	1.30	0.30	0.50	0.90	0.40	0.50	1.00	0.40
Benchmark	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

**Note :** Reliability is actual performance under full iBus (4 weeks data).  
 Minimum Standards and Benchmarks are those applicable under the new contract.

**ROUTE 288- FULL iBUS RESULTS BY TIME OF DAY**  
**QUARTERS 2 (11/12) to 1 (12/13) 25/06/2011 - 22/06/2012**

**MONDAY - FRIDAY**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	8,287.	98.9	7.86	<b>0.30</b>	8.16	74.0	24.6	1.2	0.1	0.0	46.7
0700 - 1000	22,400.	99.0	4.87	<b>0.76</b>	5.64	86.7	12.4	0.8	0.1	0.9	46.8
1000 - 1300	21,798.	99.0	4.99	<b>0.54</b>	5.53	88.4	11.1	0.4	0.1	0.5	60.9
1300 - 1600	21,840.	97.6	4.98	<b>0.72</b>	5.70	86.3	12.8	0.8	0.1	0.9	42.1
1600 - 1900	22,030.	97.5	4.98	<b>1.02</b>	6.00	84.1	14.6	1.1	0.2	1.3	52.9
1900 - 2200	13,185.	99.9	7.64	<b>0.74</b>	8.38	61.7	33.3	4.1	0.9	0.9	59.7
2200 - 2400	6,423.	99.7	10.00	<b>0.26</b>	10.26	50.1	44.7	4.6	0.6	0.1	73.0
<b>Summary</b>	<b>115,963.</b>	<b>98.6</b>	<b>5.56</b>	<b>0.74</b>	<b>6.30</b>	<b>81.5</b>	<b>17.0</b>	<b>1.4</b>	<b>0.2</b>	<b>0.9</b>	<b>73.0</b>

**SATURDAY**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	1,121.	97.6	10.00	<b>0.28</b>	10.28	54.8	40.8	4.1	0.3	0.0	43.8
0700 - 1000	2,949.	98.6	7.32	<b>0.52</b>	7.83	70.7	27.6	1.5	0.1	0.1	46.9
1000 - 1300	4,500.	98.2	4.98	<b>0.62</b>	5.60	86.7	12.8	0.4	0.0	0.5	44.6
1300 - 1600	4,500.	100.1	5.00	<b>0.58</b>	5.58	87.3	12.3	0.4	0.0	0.4	29.4
1600 - 1900	4,158.	98.7	5.35	<b>0.47</b>	5.81	83.6	16.0	0.4	0.1	0.2	31.6
1900 - 2200	2,277.	99.8	9.18	<b>0.59</b>	9.78	52.3	40.9	6.0	0.8	0.1	41.3
2200 - 2400	1,272.	99.5	10.00	<b>0.42</b>	10.42	49.9	44.0	5.4	0.7	0.2	45.9
<b>Summary</b>	<b>20,777.</b>	<b>99.0</b>	<b>6.20</b>	<b>0.54</b>	<b>6.74</b>	<b>77.7</b>	<b>20.6</b>	<b>1.5</b>	<b>0.2</b>	<b>0.3</b>	<b>46.9</b>

**SUNDAY AND BANK HOLIDAYS**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	466.	105.6	10.00	<b>-0.23</b>	9.77	70.1	27.1	2.6	0.2	4.0	24.9
0700 - 1000	2,693.	97.4	9.18	<b>0.47</b>	9.66	56.5	39.2	4.0	0.3	0.1	44.6
1000 - 1300	3,329.	99.4	7.14	<b>0.58</b>	7.72	67.9	29.8	1.9	0.4	0.4	50.5
1300 - 1600	3,154.	100.2	7.31	<b>0.81</b>	8.12	67.0	30.7	1.8	0.6	0.6	84.9
1600 - 1900	3,081.	98.7	7.64	<b>0.38</b>	8.02	64.2	33.7	1.9	0.2	0.2	40.7
1900 - 2200	2,301.	96.9	9.81	<b>0.81</b>	10.61	48.9	41.4	8.3	1.4	0.2	50.4
2200 - 2400	1,428.	101.0	10.00	<b>0.33</b>	10.33	50.6	44.5	4.4	0.6	0.1	46.7
<b>Summary</b>	<b>16,452.</b>	<b>99.0</b>	<b>8.09</b>	<b>0.58</b>	<b>8.68</b>	<b>61.9</b>	<b>34.4</b>	<b>3.2</b>	<b>0.6</b>	<b>0.4</b>	<b>84.9</b>

**ALL DAYS**

Time Period	Expected Buses	On AVL (%)	Scheduled Waiting Time (SWT) (mins)	Excess Waiting Time (EWT) (mins)	Actual Waiting Time (AWT) (mins)	Probability of Waiting < 10 mins (%)	Probability of Waiting 10-20 mins (%)	Probability of Waiting 20-30 mins (%)	Probability of Waiting > 30 mins (%)	Long Gaps (%)	Maximum Gap (mins)
0500 - 0700	9,874.	99.1	8.16	<b>0.28</b>	8.44	71.9	26.4	1.6	0.1	0.2	46.7
0700 - 1000	28,042.	98.8	5.28	<b>0.73</b>	6.01	84.0	15.0	1.0	0.1	0.8	46.9
1000 - 1300	29,627.	98.9	5.22	<b>0.55</b>	5.78	85.9	13.4	0.5	0.1	0.5	60.9
1300 - 1600	29,494.	98.2	5.21	<b>0.71</b>	5.92	84.5	14.5	0.8	0.2	0.8	84.9
1600 - 1900	29,269.	97.8	5.25	<b>0.90</b>	6.16	82.3	16.5	1.1	0.2	1.1	52.9
1900 - 2200	17,763.	99.5	8.06	<b>0.73</b>	8.79	59.2	35.1	4.8	0.9	0.7	59.7
2200 - 2400	9,123.	99.9	10.00	<b>0.29</b>	10.29	50.1	44.6	4.7	0.6	0.1	73.0
<b>Summary</b>	<b>153,192.</b>	<b>98.7</b>	<b>5.87</b>	<b>0.70</b>	<b>6.57</b>	<b>79.3</b>	<b>19.0</b>	<b>1.5</b>	<b>0.3</b>	<b>0.8</b>	<b>84.9</b>

153,192.

**Transport for London - QSI Points and Mileage**

v2.0 - Mileage directly imported from Caesar

Route 288

Service change 25134

Date 03/09/2011

Reason for Issue

Tranche 420

Locations shaded in blue denote QSI points under Full iBus

OUT DIRECTION					BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles	Timing Point Code	Stop Number	Stop Name	Metres	Miles
QBRYMR	26529	Queensbury Morrisons			BFDSBC	34432	Meadfield		
QBRYSN	16116	Queensbury Station	689	0.43		34433	Springwood Crescent	238	0.15
	27507	Mollison Way	391	0.24		34434	Morley Crescent	208	0.13
	27505	Bridgewater Gardens	333	0.21		34435	Aldridge Avenue	306	0.19
	27503	St Bride's Avenue	350	0.22		34436	Glengall Road	308	0.19
	27501	Merlin Crescent	365	0.23		34437	Broadhurst Avenue	470	0.29
	27499	Bacon Lane	239	0.15		8428	Edgwarebury Lane / Edgware Way	448	0.28
EGWRCR	6070	Deansbrook Road	544	0.34		15759	Edgwarebury Gardens	353	0.22
	14803	Spring Villa Road	324	0.20		BP090	Edgware Station	528	0.33
	29834	Station Road / Edgware	386	0.24	EWSNBS	R0789	Edgware Bus Station	249	0.15
	BP090	Edgware Station	207	0.13		29833	Premier House	288	0.18
EWSNBS	R0792	Edgware Station	122	0.08		6071	Whitchurch Lane	296	0.18
	25118	Edgware Station / Station Road	351	0.22	EGWRCR	2990	Deansbrook Road	337	0.21
	15760	Purcells Avenue	418	0.26		27498	Summit Close	276	0.17
	20498	Edgwarebury Lane / Edgware Way	327	0.20		27500	Bacon Lane	360	0.22
	34430	Wolmer Close	434	0.27		27502	Merlin Crescent	229	0.14
	BP5308	Bullescroft Road	377	0.23		27504	St Bride's Avenue	310	0.19
	34431	Glengall Road	173	0.11		27506	Bridgewater Gardens	444	0.28
BFDSBC	34432	Meadfield	251	0.16		27508	Mollison Way	315	0.20
					QBRYSN	14766	Queensbury Station	328	0.20
					QBRYMR	26529	Queensbury Morrisons	490	0.30
<b>TOTAL ROUTE MILEAGE - OUT DIRECTION</b>			6281 metres	3.90 miles	<b>TOTAL ROUTE MILEAGE - BACK DIRECTION</b>			6781 metres	4.21 miles