

## 7. Service Specification

Route: 290

Contract Reference: QC54301

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>	Staines Bus Station, Bay 7 to Twickenham, Rugby Tavern
<b>Contract Basis</b>	Incentivised
<b>Commencement Date</b>	1 <sup>st</sup> October 2016
<b>Vehicle Type</b>	60 capacity, dual door, single deck, minimum 10.8m long, subject to a satisfactory route test
<b>Current Maximum Approved Dimensions</b>	10.2 metres long and 2.44 metres wide
<b>New Vehicles Mandatory</b>	Yes
<b>Hybrid Price Required</b>	Yes
<b>Sponsored Route</b>	No
<b>Advertising Rights</b>	Operator
<b>Minimum Performance Standard</b>	Departing on Time - No less than 82.00%
<b>Extension Threshold</b>	Departing on Time Threshold - 85.00%
<b>Minimum Operated Mileage</b>	No less than 98.00%

The Date of Tender for this ITT is:

No later than 12 Noon on Monday 14<sup>th</sup> December 2015

*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, the Corporation expects to implement a change to the existing service prior to the commencement of the new Route Agreement for Route No. 290.

- An additional bus is specified in the Mondays to Fridays PM peak, to improve reliability, subject to consultation.

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, minimum 10.8m long buses are specified, subject to a satisfactory route test.

### **Requirements for Registration:**

The section of Route No. 290 between Staines Bus Station and the Surrey County Boundary at Hanworth Road, Country Way will need to be registered with the Office of the Traffic Commissioner (South East and Metropolitan) 56 days before the operation commences. The registration should be sent to:

Office of the Traffic Commissioner (South East and Metropolitan)  
Hillcrest House  
386 Harehills Lane  
Leeds  
LS9 6NF

Copies of the registration should be sent to:

Valerie Sexton  
Senior Transport Officer  
Surrey County Council  
Travel & Transport Group  
County Hall  
Penrhyn Road  
Kingston upon Thames  
KT1 2DN  
e-mail: [valerie.sexton@surreycc.gov.uk](mailto:valerie.sexton@surreycc.gov.uk)

and to:

Bus and Coach Licensing Team  
Strategy and Planning  
TfL Surface Transport  
10<sup>th</sup> Floor, Zone G4  
Palestra  
197 Blackfriars Road  
London  
SE1 8NJ  
e-mail: [lsp@tfl.gov.uk](mailto:lsp@tfl.gov.uk)

The cost of this and any future variation to this registration are to be met by the Operator.

**Operators should provide the following prices:**

- 1. Annual diesel price - based on minimum 5 year contract.**
- 2. Annual hybrid price - based on minimum 5 year contract.**
- 3. Annual hybrid price - with upfront payment of capital difference between diesel and hybrid for 5 year contract.**

### 3) SCHEDULE REQUIREMENTS & PINCHPOINTS

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

Staines Bus Station, Bay 7 to Twickenham, Rugby Tavern		Twickenham, Rugby Tavern to Staines, Bus Station, Bay 7			
First departure no later than 0530.		First departure no later than 0545.			
0525 - 1845	Every 20 minutes	0540 - 1830	Every 20 minutes		
1846 - 2350	Every 30 minutes	1831 - 0005	Every 30 minutes		
Last departure no earlier than 2345.		Last departure no earlier than 2400.			
<b>Pinchpoints</b>					
Hampton, Sainsbury's	0715 - 0915	20 minutes	Sunbury Cross	0705 - 0905	20 minutes
	1510 - 1630	20 minutes		1505 - 1625	20 minutes

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

Staines Bus Station, Bay 7 to Twickenham, Rugby Tavern		Twickenham, Rugby Tavern to Staines, Bus Station, Bay 7			
First departure no later than 0530.		First departure no later than 0545.			
0525 - 0730	Every 30 minutes	0540 - 0745	Every 30 minutes		
0731 - 1845	Every 20 minutes	0746 - 1900	Every 20 minutes		
1846 - 2350	Every 30 minutes	1901 - 0005	Every 30 minutes		
Last departure no earlier than 2345.		Last departure no earlier than 2400.			
<b>Pinchpoints</b>					
Hampton, Sainsbury's	0915 - 1115	20 minutes	Sunbury Cross	0905 - 1105	20 minutes

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

Staines Bus Station, Bay 7 to Twickenham, Rugby Tavern		Twickenham, Rugby Tavern to Staines, Bus Station, Bay 7			
First departure no later than 0710.		First departure no later than 0725.			
0705 - 0940	Every 30 minutes	0720 - 0950	Every 30 minutes		
0941 - 1715	Every 20 minutes	0951 - 1730	Every 20 minutes		
1716 - 2350	Every 30 minutes	1731 - 0005	Every 30 minutes		
Last departure no earlier than 2345.		Last departure no earlier than 2400.			
<b>Pinchpoints</b>					
Hampton, Sainsbury's	1010 - 1210	20 minutes	Sunbury Cross	1015 - 1215	20 minutes

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

**4) OPERATIONAL CONSIDERATIONS**

- 4.1) Route No. 290 can suffer unpredictable traffic delays in the Twickenham and Sunbury Cross areas.
- 4.2) Rugby matches and other events, at Twickenham can also cause traffic congestion in the Twickenham 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 290: Staines Bus Station - Twickenham, Rugby Tavern

**Date of Structural Change:** 1 October 2016.

**Date of Service Change:** 1 October 2016.

**Reason for Issue:** New Tender.

### **STREETS TRAVERSED**

**Towards Twickenham, Rugby Tavern:** Staines Bus Station, South Street, Staines High Street, Kingston Road, Fordbridge Roundabout, Fordbridge Road, Church Road, Feltham Road, Convent Road, School Road, Staines Road West, Sunbury Cross, Hanworth Road, Country Way, Apex Corner Slip Road, Apex Corner, Hampton Road East, Uxbridge Road, Sainsburys Access Road, Uxbridge Road, Hampton Road East, Apex Corner, Twickenham Road, Staines Road, Hospital Bridge Road, Sixth Cross Road, Hampton Road, The Green, Heath Road, King Street, York Street, Arragon Road.

**Towards Staines Bus Station:** Arragon Road, London Road, King Street, Heath Road, The Green, Hampton Road, Sixth Cross Road, Staines Road, Twickenham Road, Apex Corner, Hampton Road East, Uxbridge Road, Sainsburys Access Road, Uxbridge Road, Hampton Road East, Apex Corner, Apex Corner Slip Road, Country Way, Park Road, Hanworth Road, Sunbury Cross, Staines Road West, School Road, Convent Road, Town Tree Road, Church Road, Fordbridge Road, Fordbridge Roundabout, Kingston Road, Staines High Street, South Street, Staines Bus Station.

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

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

### **STAINES BUS STATION, STAND 7**

Private stand for 1 bus at Stop 7 in Staines Bus Station on west side of South Street. Buses proceed from Staines Bus Station direct to stand, departing to Staines Bus Station. Set down in Staines Bus Station, at Bay 7 (OC709 - Staines Bus Station, Last Stop on LOR: OC709 - Staines Bus Station) and pick up in Staines Bus Station, at Bay 7 (OC709 - Staines Bus Station, First Stop on LOR: OC709 - Staines Bus Station).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: No more than 1 bus on Route 290 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: Staines.  
OTHER INFORMATION: Toilet facilities available Mondays to Saturdays 0900-1900; and Sundays 1000-1600 in the Elmsleigh Shopping Centre.

### **ASHFORD, DOG AND PARTRIDGE (from TWICKENHAM, RUGBY TAVERN)**

Buses proceed from Kingston Road via Edinburgh Drive departing to Kingston Road. Set down in Kingston Road (16857 - Edinburgh Drive, Last Stop on LOR: 16857 - Edinburgh Drive) and pick up in Kingston Road (17203 - Woodthorpe Road, First Stop on LOR: 17203 - Woodthorpe Road).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**  
BLIND DISPLAY: Ashford, Woodthorpe Road.

### **ASHFORD, WAR MEMORIAL (from TWICKENHAM, RUGBY TAVERN)**

Buses proceed from Church Road via Fordbridge Road, Unnamed Road and Fordbridge Road departing to Church Road. Set down in Church Road (36625 - Ashford War Memorial, Last Stop on LOR: 36625 - Ashford War Memorial) and pick up in Church Road (16843 - Ashford War Memorial, First Stop on LOR: 16843 - Ashford War Memorial).

AVAILABILITY: At any time.  
OPERATING RESTRICTIONS: **Turning Point Only - Buses must not stand**  
BLIND DISPLAY: Ashford.



## **SUNBURY, OLD HANWORTH ROAD**

Public stand for one bus at bus stop on south side of the old Hanworth Road (slip road), outside Sunbury Travelodge, 28 metres east of entrance.

### **From Staines Bus Station.**

Buses proceed from Staines Road West via Sunbury Cross, Staines Road East, Park Road and Hanworth Road to stand, departing to Hanworth Road. Set down in Staines Road West (4584 - Sunbury Cross, Last Stop on LOR: 4584 - Sunbury Cross) and pick up in Hanworth Road (R0899 - Staines Road East, First Stop on LOR: R0899 - Staines Road East).

### **From Twickenham, Rugby Tavern.**

Buses proceed from Hanworth Road direct to stand, departing via Hanworth Road and Sunbury Cross to Hanworth Road. Set down in Hanworth Road (R0899 - Staines Road East, Last Stop on LOR: R0899 - Staines Road East) and pick up in Hanworth Road (17212 - Park Road, First Stop on LOR: 17212 - Park 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:	Sunbury Cross.

## **HAMPTON, SAINSBURY'S**

### **From Staines Bus Station.**

Buses proceed from Sainsburys Access Road departing to Sainsburys Access Road. Set down in Sainsburys Access Road, at Stop S (R0273 - Uxbridge Road / Hampton Sainsbury's, Last Stop on LOR: R0273 - Uxbridge Road / Hampton Sainsbury's) and pick up in Sainsburys Access Road, at Stop S (R0273 - Uxbridge Road / Hampton Sainsbury's, First Stop on LOR: R0273 - Uxbridge Road / Hampton Sainsbury's).

### **From Twickenham, Rugby Tavern.**

Buses proceed from Sainsburys Access Road departing to Sainsburys Access Road. Set down in Sainsburys Access Road, at Stop S (R0273 - Uxbridge Road / Hampton Sainsbury's, Last Stop on LOR: R0273 - Uxbridge Road / Hampton Sainsbury's) and pick up in Sainsburys Access Road, at Stop S (R0273 - Uxbridge Road / Hampton Sainsbury's, First Stop on LOR: R0273 - Uxbridge Road / Hampton Sainsbury's).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	<b>Turning Point Only - Buses must not stand</b>
BLIND DISPLAY:	Hampton, Sainsbury's.

## **TWICKENHAM, RUGBY TAVERN**

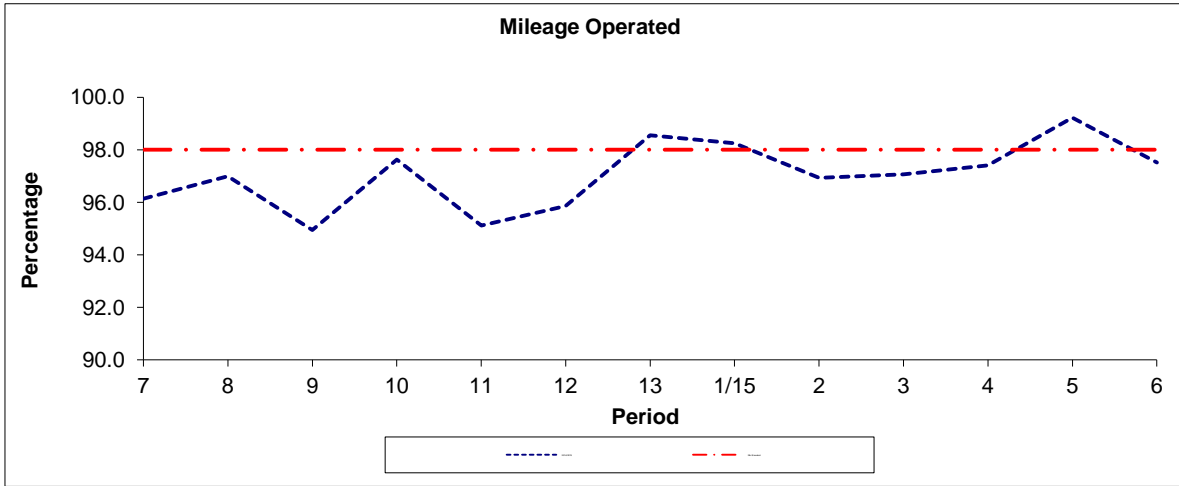
Public stand for two buses on south side of Arragon Road commencing 25 metres from the junction of London Road and extending 24 metres east.

Buses proceed from Arragon Road direct to stand, departing to Arragon Road. Set down in Arragon Road, at Stop F (FW5 - Arragon Road, Last Stop on LOR: FW5 - Arragon Road) and pick up in Arragon Road, at Stop F (FW5 - Arragon Road, First Stop on LOR: FW5 - Arragon Road).

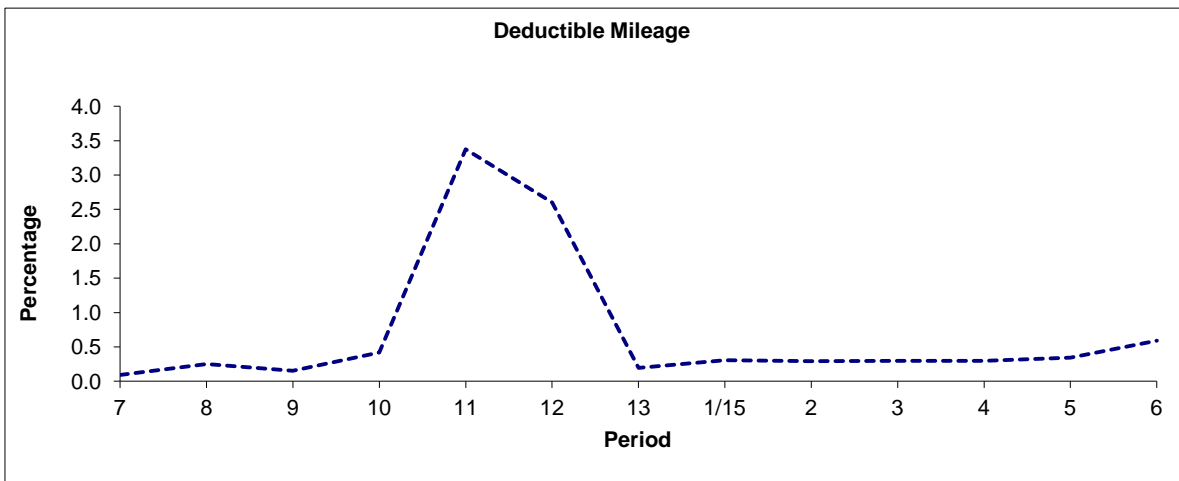
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route 290 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Twickenham.
OTHER INFORMATION:	Toilet facilities available 24 hours near The Albany public house.

**PART B - PERFORMANCE STATISTICS**

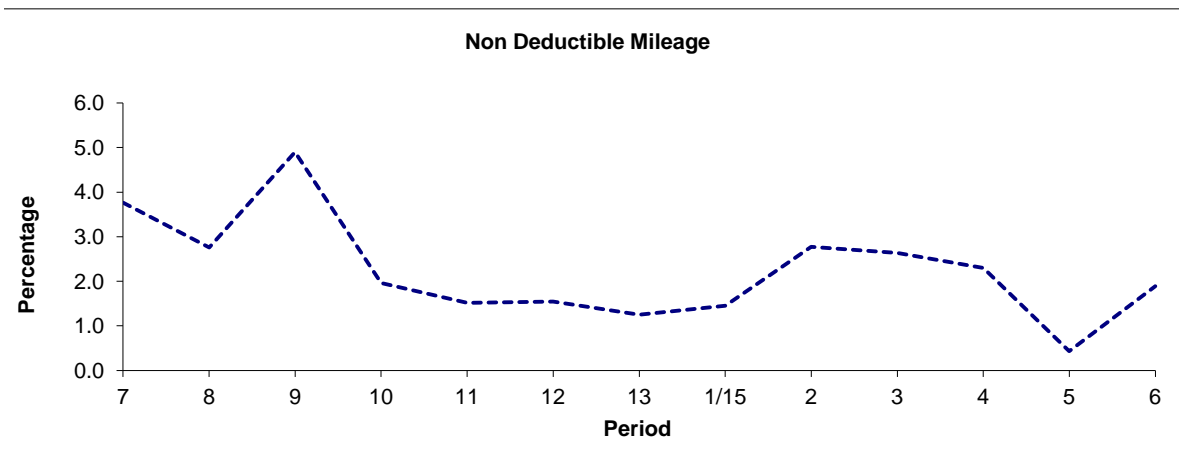
**Route 290**



Period	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014/2015	96.14	96.99	94.95	97.62	95.11	95.85	98.55	98.24	96.93	97.07	97.40	99.22	97.52
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	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014/2015	0.09	0.25	0.16	0.42	3.37	2.60	0.20	0.31	0.30	0.30	0.30	0.34	0.59

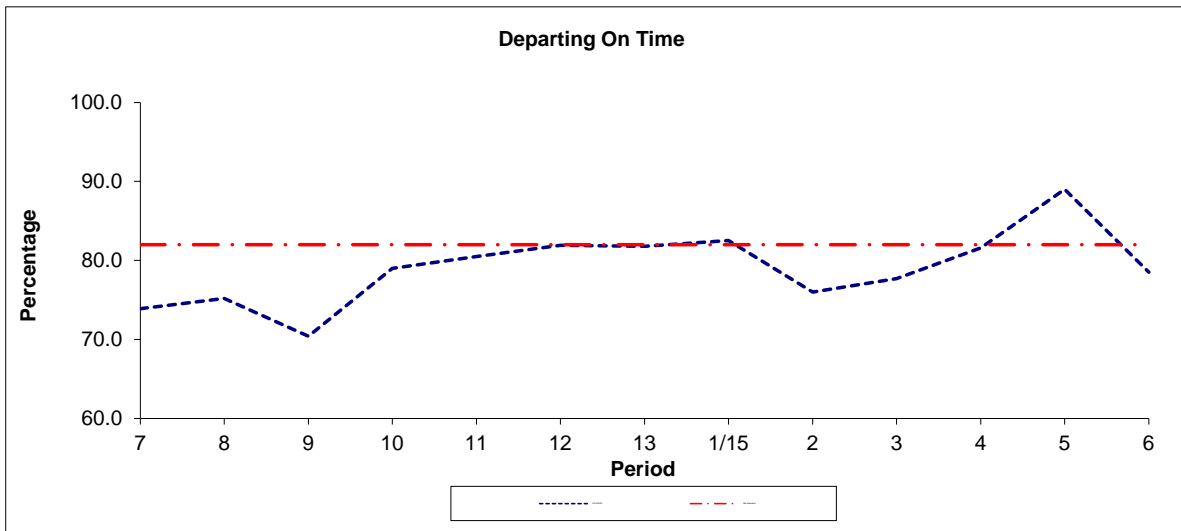


Period	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014/2015	3.77	2.76	4.89	1.96	1.51	1.55	1.25	1.45	2.77	2.63	2.30	0.43	1.89

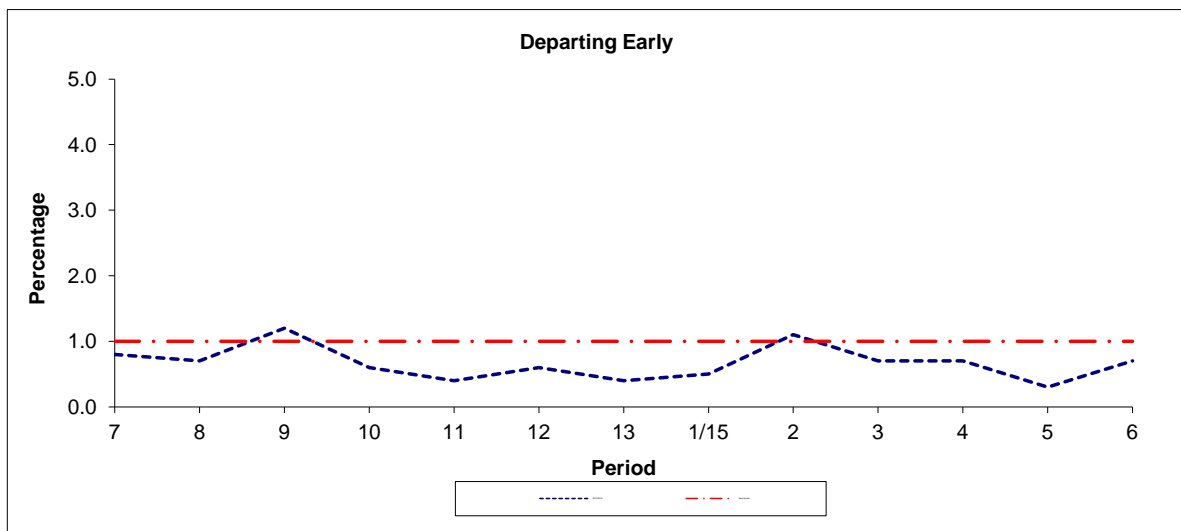
**Note :** Mileage is based on 4 weeks data  
 Deductible Mileage was adversely affected by industrial action in periods 11 and 12 14/15.

**PART B - PERFORMANCE STATISTICS**

**Route 290**



Period	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014/2015	73.9	75.2	70.4	79.0	80.5	81.9	81.8	82.5	76.0	77.7	81.6	89.0	78.5
Min Standard	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0



Period	7	8	9	10	11	12	13	1/15	2	3	4	5	6
2014/2015	0.8	0.7	1.2	0.6	0.4	0.6	0.4	0.5	1.1	0.7	0.7	0.3	0.7
Benchmark	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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

**ROUTE 290 - FULL iBUS RESULTS BY TIME OF DAY  
 QUARTER 3 14/15 TO QUARTER 2 15/16 (13/09/14 - 18/0915)**

**MONDAY - FRIDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	15,577.	15,537.	99.7	99.5	94.1	0.6	0.2	5.2
07:00 - 10:00	38,754.	37,248.	96.1	95.7	78.1	4.7	0.6	16.6
10:00 - 13:00	36,905.	36,323.	98.4	98.0	84.4	2.3	0.4	12.9
13:00 - 16:00	36,446.	35,702.	98.0	97.4	78.8	3.0	0.4	17.8
16:00 - 19:00	34,277.	31,829.	92.9	87.9	55.3	12.6	1.4	30.7
19:00 - 22:00	25,477.	25,777.	101.2	97.2	86.2	3.2	0.6	10.0
22:00 - 24:00	16,561.	16,673.	100.7	99.1	90.5	0.9	0.9	7.8
<b>All Locations</b>	<b>203,997.</b>	<b>199,089.</b>	<b>97.6</b>	<b>95.9</b>	<b>75.8</b>	<b>5.3</b>	<b>0.7</b>	<b>18.1</b>

**SATURDAY**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	2,306.	2,323.	100.7	99.5	97.2	0.4	0.3	2.1
07:00 - 10:00	7,063.	7,053.	99.9	99.7	95.6	0.3	0.3	3.8
10:00 - 13:00	7,785.	7,605.	97.7	97.7	83.5	2.9	0.7	12.9
13:00 - 16:00	7,741.	7,554.	97.6	95.1	81.3	5.4	0.8	12.5
16:00 - 19:00	8,038.	7,858.	97.8	98.5	93.2	1.5	0.5	4.9
19:00 - 22:00	5,368.	5,435.	101.2	98.9	93.5	1.3	0.4	4.8
22:00 - 24:00	3,558.	3,537.	99.4	99.3	91.6	0.8	0.3	7.2
<b>All Locations</b>	<b>41,859.</b>	<b>41,365.</b>	<b>98.8</b>	<b>98.1</b>	<b>88.5</b>	<b>2.5</b>	<b>0.6</b>	<b>8.4</b>

**SUNDAY AND BANK HOLIDAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
07:00 - 10:00	5,252.	5,201.	99.0	99.5	93.6	0.5	0.1	5.8
10:00 - 13:00	8,525.	8,480.	99.5	99.7	93.1	0.3	0.2	6.4
13:00 - 16:00	8,676.	8,659.	99.8	99.5	93.1	0.6	0.3	6.1
16:00 - 19:00	7,444.	7,491.	100.6	99.7	96.8	0.3	0.8	2.1
19:00 - 22:00	5,922.	5,784.	97.7	99.0	91.4	1.0	0.4	7.2
22:00 - 24:00	3,846.	3,905.	101.5	99.5	94.1	0.5	0.4	4.9
<b>All Locations</b>	<b>39,665.</b>	<b>39,520.</b>	<b>99.6</b>	<b>99.5</b>	<b>93.8</b>	<b>0.5</b>	<b>0.4</b>	<b>5.3</b>

**ALL DAYS**

Time Range	Expected Buses	Observed Buses	Observed Buses (%)	Linked Buses (%)	On Time (%)	Non Arrival / Not Linked (%)	Early (%)	Late (%)
05:00 - 07:00	17,883.	17,860.	99.9	99.5	94.4	0.5	0.2	4.8
07:00 - 10:00	51,069.	49,502.	96.9	96.7	80.3	4.1	0.6	15.1
10:00 - 13:00	53,215.	52,408.	98.5	98.2	85.3	2.1	0.4	12.2
13:00 - 16:00	52,863.	51,915.	98.2	97.4	80.7	3.1	0.5	15.8
16:00 - 19:00	49,759.	47,178.	94.8	91.4	63.7	10.1	1.2	25.0
19:00 - 22:00	36,767.	36,996.	100.6	97.8	87.8	2.7	0.6	9.0
22:00 - 24:00	23,965.	24,115.	100.6	99.2	91.1	0.8	0.7	7.3
<b>All Locations</b>	<b>285,521.</b>	<b>279,974.</b>	<b>98.1</b>	<b>96.7</b>	<b>79.2</b>	<b>4.5</b>	<b>0.7</b>	<b>15.6</b>

Transport for London - QSI Points and Live Mileage List

v2.0 - Mileage directly imported from Caesar

**TRANCHE 543**

Route: 290

Service change: 37773

Date: 28/08/2014

Reason for Issue

Mileage update

QSI points are highlighted

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
STNSBS7	OC709	Staines Bus Station		
	9427	High Street	393	0.24
	1568	Staines Police Station	241	0.15
	16861	Staines Station	282	0.18
	34375	Knowle Green	448	0.28
	4580	Worple Road	415	0.26
	2739	Fenton Avenue	231	0.14
	16859	Petersfield Avenue	290	0.18
ASHFDP	17203	Woodthorpe Road	388	0.24
	17205	Ashford Road	286	0.18
	36628	Fordbridge Roundabout	404	0.25
	36629	Gables Avenue	445	0.28
ASHFWM	16843	Ashford War Memorial	597	0.37
	36656	Feltham Road	484	0.30
	16905	Metcalfe Road / The Ash Tree	332	0.21
	36630	The Coppice	300	0.19
	3595	Ashford Road	543	0.34
ASCMDB	3585	Chertsey Road	438	0.27
	16901	Napier Road	367	0.23
	2296	Windmill Road	526	0.33
	16899	Spelthorne Grove	317	0.20
SUNBCR	4584	Sunbury Cross	248	0.15
	17212	Park Road	802	0.50
	17216	Nailhead Road	1260	0.78
	17218	Castle Way	212	0.13
HWTHBR	16229	Bear Road Flyover	441	0.27
	16231	Swift Road	535	0.33
	16233	Apex Corner / Country Way	342	0.21
	19501	Hampton Road East	378	0.23
HPTNSY	R0273	Jxbridge Road / Hampton Sainsbury	283	0.18
	19502	Hampton Road East	217	0.13
HWTHCR	16235	Twickenham Road	407	0.25
	27813	Twickenham Golf Centre	419	0.26
	16238	Court Close Avenue	250	0.16
	BP480	Warwick Lodge / Staines Road	301	0.19
TWICFN	34066	Staines Road	238	0.15
	34063	Fielding Avenue	524	0.33
FWELHS	14715	Fulwell / Sixth Cross Road	287	0.18
	6390	Trafalgar Road / Prince Of Wales	472	0.29
	6388	Twickenham / The Prince Albert	275	0.17
	6387	Twickenham Green	363	0.23
	6422	Heath Road / Grove Avenue	355	0.22
	25898	Heath Road / Twickenham	374	0.23
	29987	York Street / Twickenham	350	0.22
TWICRT	FW5	Arragon Road	308	0.19

Total Route Mileage - Out Direction	17368	10.79
	Metres	Miles

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
TWICRT	FW5	Arragon Road		
	25606	London Road / Twickenham	85	0.05
TWICKS	BP5811	Heath Road / Twickenham	482	0.30
	2841	Heath Road / Grove Avenue	375	0.23
	6424	Twickenham Green	387	0.24
	R0124	Twickenham / The Prince Albert	229	0.14
	27526	Trafalgar Road / Prince Of Wales	442	0.27
FWELHS	6428	Fulwell / Sixth Cross Road	349	0.22
	34064	Fielding Avenue	363	0.23
TWICFN	34065	Staines Road	527	0.33
	BP481	Warwick Lodge / Staines Road	257	0.16
	16237	Court Close Avenue	282	0.18
	27812	Twickenham Golf Centre	270	0.17
HWTHCR	16236	Twickenham Road	353	0.22
	19501	Hampton Road East	217	0.13
HPTNSY	R0273	xbridge Road / Hampton Sainsbury	283	0.18
	19502	Hampton Road East	217	0.13
	16232	Apex Corner / Country Way	227	0.14
	16234	Crispen Road	294	0.18
HWTHBR	16230	Bear Road Flyover	608	0.38
	17217	Church Road	427	0.27
	17215	Nailhead Road	218	0.14
	17211	Park Road	1350	0.84
	R0899	Staines Road East	273	0.17
SUNBCR	4583	Sunbury Cross	538	0.33
	16898	Spelthorne Grove	228	0.14
	4586	Windmill Road	263	0.16
	16900	Napier Road	498	0.31
ASCMDB	4588	Chertsey Road	451	0.28
	31426	Ashford Road	654	0.41
	36624	The Coppice / School Road	375	0.23
	30714	Metcalfe Road / The Ash Tree	303	0.19
	26497	Town Tree Road	357	0.22
ASHFWM	36625	Ashford War Memorial	325	0.20
	36626	Gables Avenue	469	0.29
	36627	Fordbridge Roundabout	462	0.29
	17204	Ashford Road	429	0.27
ASHFDP	16857	Edinburgh Drive	406	0.25
	16858	Petersfield Avenue	271	0.17
	2740	Fenton Avenue	265	0.16
	4579	Worple Road	357	0.22
	34376	Knowle Green	253	0.16
	16860	Staines Station	647	0.40
	1569	Staines Police Station	219	0.14
	BP2426	South Street	300	0.19
STNSBS7	OC709	Staines Bus Station	362	0.22

Total Route Mileage - Back Directio	16947	10.53
	Metres	Miles