7. Service Specification

Route: 86 & N86 Contract Reference: QC52001

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.

Route Number	86 & N86
Terminus Points	Route No. 86: Stratford Bus Station and Romford Station Route No. N86: Stratford Bus Station and Harold Hill, Dagnam Park Square
Contract Basis	Incentivised
Commencement Date	16th July 2016
Vehicle Type	87 capacity, dual door, double deck buses
Current Maximum Approved Dimensions	10.5 metres long and 2.55 metres wide
New Vehicles Mandatory	Yes
Hybrid Price Required	Yes
Sponsored Route	No
Advertising Rights	Operator
Minimum Performance Standard - Route No. 86	Average Excess Wait Time - No more than 1.20 minutes
Extension Threshold - Route No. 86	Average Excess Wait Time Threshold - 1.05 minutes
Minimum Operated Mileage Standard - Route No. 86	No less than 98.00%
Departing On Time - Route No. N86	Departing on Time - No less than 90.00%
Minimum Operated Mileage Standard - Route No. N86	No less than 99.00%

The Date of Tender for this ITT is: No later than 12 Noon on Monday 27th July 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 Nos. 86 & N86.

In conjunction with the proposed night tube project, the following changes (subject to consultation) are proposed for Route Nos. 86 & N86 from 17th October 2015:

- On Route No. N86, weekend night frequencies are increased from every 30 minutes to every 15 minutes.
- On Route No. N86, ex Stratford Bus Station, departures are re-timed between 0130 and 0530 on all nights to eliminate the current shortening between 0105 and 0130.
- On Route No. N86, ex Harold Hill, Dagnam Park Square, the last departure is re-timed from 0445 to 0500 on weekend nights to provide the required interface with Route No. 86.
- On Route No. 86, ex Romford Station, the first departure is re-timed from 0525 to 0530 to provide a better interface with Route No. N86 on all nights.

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:

- On Route No. 86, on the Mondays to Fridays Schooldays morning journey which was specified at 0735 ex Stratford Bus Station and is not currently in operation is withdrawn.
- On Route No. 86 on Sundays, ex Stratford Bus Station, the first departure should be standardised with Mondays to Saturdays.
- **Tenderers must identify the cost of the Nightly element of this service separately.**

Tenderers are also encouraged to offer two axle vehicles with a longer wheelbase and increased capacity, subject to route constraints. Tenders offering such vehicles will be welcomed and carefully considered by the Corporation. Triaxle vehicles are not being considered by the Corporation at this time.

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.**

2) NOTES - continued

Full iBus Monitoring was introduced on all night routes with effect from 1 April 2014. **Tenderers are therefore advised that on contracts where there is a night service both the day and night elements will be incentivised from the commencement of the Route Agreement in accordance with clause 46 of Annex B Terms and Conditions, using the Minimum Performance Standard(s) specified in Part 1 of the ITT.**

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Stratford Bus Station to Romford Station			Romford Station to Stratford Bus Station		
First departure no later than 0550.			First departure no later than 0530.		
0545 - 0620	Every 10 minutes		0525 - 0610	Every 10 minutes	
0621 - 0700	Every 8 minutes		0611 - 0640	Every 8 minutes	
0701 - 1635	Every 6 minutes		0641 - 1900	Every 6 minutes	
1636 - 1805	Every 5-6 minutes (11 buses per hour)		1901 - 1955	Every 8 minutes	
1806 - 1920	Every 6 minutes		1956 - 0020	Every 10 minutes	
1921 - 2000	Every 8 minutes				
2001 - 0055	Every 10 minutes				
Last departure no earlier than 0050.			Last departure no earlier than 0015.		
Pinchpoints					
Romford Stadium	0740 - 0910	6 minutes	Manor Park Broadway	0720 - 0900	6 minutes
	1500 - 1630	6 minutes		1500 - 1630	6 minutes

Manor Park Broadway to Stratford Bus Station	
0812 & 0824	Two journeys

The above short journeys should be timed to fully interwork with journeys between Romford Station and Stratford Bus Station (i.e. a joint frequency of every 3 minutes (20 buses per hour) should be provided between Manor Park Broadway and Stratford Bus Station between 0809 and 0815 and 0821 and 0827.

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Stratford Bus Station to Romford Station			Romford Station to Stratford Bus Station		
First departure no later than 0550.			First departure no later than 0530.		
0545 - 0635	Every 15 minutes		0525 - 0600	Every 15 minutes	
0636 - 0745	Every 10 minutes		0601 - 0740	Every 10 minutes	
0746 - 0820	Every 8 minutes		0741 - 0805	Every 8 minutes	
0821 - 1905	Every 6 minutes		0806 - 1835	Every 6 minutes	
1906 - 2000	Every 8 minutes		1836 - 1915	Every 8 minutes	
2001 - 0055	Every 10 minutes		1916 - 0020	Every 10 minutes	
Last departure no earlier than 0050.			Last departure no earlier than 0015.		
Pinchpoints					
Romford Stadium	0905 - 1105	6 minutes	Manor Park Broadway	0840 - 1110	6 minutes

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

Stratford Bus Station to Romford Station			Romford Station to Stratford Bus Station		
First departure no later than 0550.			First departure no later than 0530.		
0545 - 0805	Every 15 minutes		0525 - 0755	Every 15 minutes	
0806 - 0055	Every 10 minutes		0756 - 0020	Every 10 minutes	
Last departure no earlier than 0050.			Last departure no earlier than 0015.		
Pinchpoints					
Romford Stadium	1005 - 1135	10 minutes	Manor Park Broadway	1000 - 1130	10 minutes

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

3) SCHEDULE REQUIREMENTS & PINCHPOINTS - continued

3.4) SUNDAY NIGHTS/MONDAY MORNINGS TO THURSDAY NIGHTS/FRIDAYS MORNINGS

Stratford Bus Station to Harold Hill, Dagnam Park Square		Harold Hill, Dagnam Park Square to Stratford Bus Station	
First departure no later than 0105.		First departure no later than 0015.	
0100 - 0540	Every 30 minutes	0010 - 0450	Every 30 minutes
Last departure no earlier than 0535.		Last departure no earlier than 0445.	

3.5) FRIDAY NIGHTS/SATURDAYS MORNINGS TO SATURDAYS NIGHTS/SUNDAYS MORNINGS

Stratford Bus Station to Harold Hill, Dagnam Park Square		Harold Hill, Dagnam Park Square to Stratford Bus Station	
First departure no later than 0105.		First departure no later than 0015.	
0100 - 0540	Every 15 minutes	0010 - 0505	Every 15 minutes
Last departure no earlier than 0535.		Last departure no earlier than 0500.	

Tenderers must identify the cost of the Nightly element of this service separately.

4) OPERATIONAL CONSIDERATIONS

4.1) Route No. 86 should interwork with Route No. N86 to form a seamless 24 hour service between Stratford Bus Station and Romford Station.

4.2) Route No. 86 suffers from unpredictable traffic delays in the Forest Gate, Ilford and Romford areas.

4.3) Romford Market, which is held on Wednesdays, Fridays and Saturdays can lead to traffic delays in the Romford area.

4.4) London Underground (LU) propose to introduce the continuous operation of LU services from first train on Friday morning to last train on Sunday night i.e. for 67 hours over the weekend. This will be on the full length of the Victoria and Jubilee lines and parts of the Central, Northern and Piccadilly lines. Trains will operate every 10 minutes. This proposal is scheduled to start on the weekend of Saturday 12th September 2015. The proposed Route No.N86 changes covered in Section 2 of this specification are directly related to this.

4.5) 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 in 2010, with services expected to commence in 2018. The construction impacts of Crossrail could affect Route Nos. 86 & N86 and it is anticipated that some passenger demand for Route Nos. 86 & N86 may shift to this line when it opens. Route Nos. 86 & N86 will be reviewed closer to the opening date.

4.6) Analysis of running time has been undertaken during both the Saturdays and Sundays daytimes and it is expected that the full resource should be in service between 1100 and 1945 and between 1100 and 1900 respectively.

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 86: Stratford Bus Station - Romford Station

Date of Structural Change: 16 July 2016.

Date of Service Change: 16 July 2016.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Romford Station: Stratford Bus Station, Great Eastern Road, Stratford Broadway, The Grove, Romford Road, Ilford Hill, Chapel Road, Winston Way, Handforth Road, Clements Road, Ilford High Road, Riches Road, Winston Way, Ilford High Road, Seven Kings High Road, Chadwell Heath High Road, London Road, St Edwards Way, Main Road Roundabout, Mercury Gardens, Western Road, Chandlers Way, Eastern Road, South Street, Atlanta Boulevard.

Towards Stratford Bus Station: Romford Station Forecourt, South Street, Western Road, Mercury Gardens, Main Road Roundabout, St Edwards Way, London Road, Chadwell Heath High Road, Seven Kings High Road, Ilford High Road, Green Lane, Winston Way, Riches Road, Ilford High Road, Clements Road, Ilford High Road, Chapel Road, Ilford Hill, Romford Road, Stratford Broadway, Great Eastern Road, Station Street.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

STRATFORD BUS STATION

Private stand for up to 14 buses facing north in Stratford Bus Station on west side of Great Eastern Road.
Buses proceed from Station Street via Stratford Bus Station and Stratford Bus Station to stand, departing via Stratford Bus Station to Stratford Bus Station. Set down in Station Street, at AP1 (BP5307 - Stratford Bus Station <> # [dlr], Last Stop on LOR: BP5307 - Stratford Bus Station <> # [dlr]) and pick up in Stratford Bus Station, at stop B (BP976 - Stratford Bus Station <>#[dlr], First Stop on LOR: BP976 - Stratford Bus Station <>#[dlr]).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 3 buses on Route 86 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:	Stratford.
OTHER INFORMATION:	London Buses toilet facilities available 24 hours a day.

FOREST GATE, GREEN STREET, FINDEN ROAD (from ROMFORD STATION)

Public stand for two buses on south side of Finden Road, commencing 12 metres east of centre of Green Street and extending 19 metres east.
Buses proceed from Romford Road via Ratcliff Road and Finden Road to stand, departing via Finden Road and Green Street to Romford Road. Set down in Romford Road (1739 - Katherine Road, Last Stop on LOR: 1739 - Katherine Road) and pick up in Romford Road, at Stop P (9045 - Green Street, First Stop on LOR: 9045 - Green Street).

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:	Forest Gate, Police Station.

MANOR PARK STATION, GLADDING ROAD

Public stand for two buses on west side of Gladding Road, commencing 18 metres south of centre of Capel Road and extending 24 metres south.

From Romford Station.
Buses proceed from Romford Road via Station Road, Whitta Road and Gladding Road to stand, departing via Gladding Road, Capel Road, Forest Drive and Station Road to Romford Road. Set down in Romford Road, at Stop F (4643 - High Street North, Last Stop on LOR: 4643 - High Street North) and pick up in Romford Road, at Stop K (14527 - First Avenue, First Stop on LOR: 14527 - First Avenue).

From Stratford Bus Station.
Buses proceed from Romford Road via Station Road, Whitta Road and Gladding Road to stand, departing via Gladding Road, Capel Road, Forest Drive and Station Road to Romford Road. Set down in Romford Road, at Stop E (4644 - High Street North, Last Stop on LOR: 4644 - High Street North) and pick up in Romford Road, at Stop G (14523 - Woodgrange Park Station #, First Stop on LOR: 14523 - Woodgrange Park 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:	Manor Park.

ILFORD, RODEN STREET (from ROMFORD STATION)

Private stand for five buses in bus parking area at junction of Chapel Road and Roden Street in 2 sections.
1. For four buses on the offside, extending 45 metres;
2. For one bus on nearside, extending 12 metres.
Buses proceed from Ilford High Road via Chapel Road and Sainsburys Bus Lay-By to stand, departing via Sainsburys Bus Lay-By, Roden Street and Chapel Road to Ilford Hill. Set down in Ilford High Road, at Stop L (37219 - Ilford Broadway and pick up in Ilford Hill, at Stop F (R0757 - Ilford Hill, First Stop on LOR: R0757 - Ilford Hill).

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:	Ilford Broadway.

ILFORD, HAINAULT STREET (from Stratford Bus Station)

Private stand for 17 buses standing abreast in marked bays in Bus Parking Area on east side of Hainault Street, with the first 4 bays (nearest entrance) restricted to midi-buses. Buses proceed from Clements Road via Ilford High Road, Hainault Street and Ilford Bus Station to stand, departing via Ilford Bus Station, Ley Street and Hainault Street to Ilford High Road. Set down in Clements Road, at Stop R (FC60 - Redbridge Central Library, Last Stop on LOR: FC60 - Redbridge Central Library) and pick up in Ilford High Road, at Stop V (FC41 - Hainault Street, First Stop on LOR: FC41 - Hainault Street).

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:	Ilford.

CHADWELL HEATH, WANGEY ROAD

Public stand for three buses on west side of Wangey Road commencing 6 metres south of No. 8 and extending 35 metres south.

From Romford Station.
Buses proceed from Chadwell Heath High Road via Station Road and Wangey Road to stand, departing via Wangey Road to Chadwell Heath High Road. Set down in Chadwell Heath High Road, at Stop H (4298 - Japan Road, Last Stop on LOR: 4298 - Japan Road) and pick up in Chadwell Heath High Road, at Stop C (9644 - Chadwell Heath Lane, First Stop on LOR: 9644 - Chadwell Heath Lane).

From Stratford Bus Station.
Buses proceed from Chadwell Heath High Road via Station Road and Wangey Road to stand, departing via Wangey Road to Chadwell Heath High Road. Set down in Chadwell Heath High Road, at Stop C (9644 - Chadwell Heath Lane, Last Stop on LOR: 9644 - Chadwell Heath Lane) and pick up in Chadwell Heath High Road, at Stop D (29445 - Wangey Road, First Stop on LOR: 29445 - Wangey 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:	Chadwell Heath.

ROMFORD MARKET, ST.EDWARDS WAY (from Stratford Bus Station)

Public stand for five buses in bus parking area on north side of St Edward's Way, at the junction with Church Lane.
Buses proceed from St Edwards Way via St Edwards Way Bus Stand to stand, departing via St Edwards Way Bus Stand, St Edwards Way and Main Road Roundabout to St Edwards Way. Set down in St Edwards Way, at Stop C (34113 - North Street, Last Stop on LOR: 34113 - North Street) and pick up in St Edwards Way, at Stop L (34118 - Romford Market, First Stop on LOR: 34118 - Romford Market).

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:	Romford Market.

ROMFORD STATION, ATLANTA BOULEVARD

Private stand for 15 buses in marked bays in Bus Parking Area in Atlanta Boulevard on south side of Romford Station.
Buses proceed from Atlanta Boulevard direct to stand, departing via Atlanta Boulevard to Romford Station Forecourt. Set down in Atlanta Boulevard, at Alighting Point (BP148 - Romford Station #, Last Stop on LOR: BP148 - Romford Station #) and pick up in Romford Station Forecourt, at Stop Z (R0760 - Romford Station #.

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route 86 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:	Romford Station.
OTHER INFORMATION:	London Buses toilet facilities available 24 hours a day.

LONDON BUSES - ROUTE DESCRIPTION

ROUTE N86: Stratford Bus Station - Harold Hill, Dagnam Park Drive

Date of Structural Change: 16 July 2016.

Date of Service Change: 16 July 2016.

Reason for Issue: New Tender.

STREETS TRAVERSED

Towards Harold Hill, Dagnam Park Drive: Stratford Bus Station, Great Eastern Road, Stratford Broadway, The Grove, Romford Road, Ilford Hill, Chapel Road, Winston Way, Handforth Road, Clements Road, Ilford High Road, Riches Road, Winston Way, Ilford High Road, Seven Kings High Road, Chadwell Heath High Road, London Road, St Edwards Way, Main Road Roundabout, Mercury Gardens, Western Road, Chandlers Way, Eastern Road, South Street, Atlanta Boulevard, Romford Station Forecourt, South Street, Western Road, Mercury Gardens, Main Road Roundabout, Main Road, Gallows Corner, Straight Road, Hilldene Avenue, Dagnam Park Drive, Leamington Road, Petersfield Avenue, Dagnam Park Drive.

Towards Stratford Bus Station: Dagnam Park Drive, Hilldene Avenue, Straight Road, Gallows Corner, Main Road, Main Road Roundabout, Mercury Gardens, Western Road, Chandlers Way, Eastern Road, South Street, Atlanta Boulevard, Romford Station Forecourt, South Street, Western Road, Mercury Gardens, Main Road Roundabout, St Edwards Way, London Road, Chadwell Heath High Road, Seven Kings High Road, Ilford High Road, Green Lane, Winston Way, Riches Road, Ilford High Road, Clements Road, Ilford High Road, Chapel Road, Ilford Hill, Romford Road, Stratford Broadway, Great Eastern Road, Station Street.

AUTHORISED STANDS, CURTAILMENT POINTS, & BLIND DESCRIPTIONS

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

STRATFORD BUS STATION

Private stand for up to 14 buses facing north in Stratford Bus Station on west side of Great Eastern Road.
Buses proceed from Station Street via Stratford Bus Station and Stratford Bus Station to stand, departing via Stratford Bus Station to Stratford Bus Station. Set down in Station Street, at Alighting Point (BP5307 - Stratford Bus Station <> # [dlr], Last Stop on LOR: BP5307 - Stratford Bus Station <> # [dlr]) and pick up in Stratford Bus Station, at Stop B (BP976 - Stratford Bus Station <>#[dlr], First Stop on LOR: BP976 - Stratford Bus Station <>#[dlr]).

AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 2 buses on Route N86 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:	Stratford.
OTHER INFORMATION:	London Buses toilet facilities available 24 hours a day.

FOREST GATE, GREEN STREET, FINDEN ROAD (from HAROLD HILL, DAGNAM PARK DRIVE)

Public stand for two buses on south side of Finden Road, commencing 12 metres east of centre of Green Street and extending 19 metres east.
Buses proceed from Romford Road via Ratcliff Road and Finden Road to stand, departing via Finden Road and Green Street to Romford Road. Set down in Romford Road (1739 - Katherine Road, Last Stop on LOR: 1739 - Katherine Road) and pick up in Romford Road, at Stop P (9045 - Green Street, First Stop on LOR: 9045 - Green Street).

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:	Forest Gate, Police Station.

MANOR PARK STATION, GLADDING ROAD

Public stand for two buses on west side of Gladding Road, commencing 18 metres south of centre of Capel Road and extending 24 metres south.

From Harold Hill, Dagnam Park Drive.
Buses proceed from Romford Road via Station Road, Whitta Road and Gladding Road to stand, departing via Gladding Road, Capel Road, Forest Drive and Station Road to Romford Road. Set down in Romford Road, at Stop F (4643 - High Street North, Last Stop on LOR: 4643 - High Street North) and pick up in Romford Road, at Stop K (14527 - First Avenue, First Stop on LOR: 14527 - First Avenue).

From Stratford Bus Station.
Buses proceed from Romford Road via Station Road, Whitta Road and Gladding Road to stand, departing via Gladding Road, Capel Road, Forest Drive and Station Road to Romford Road. Set down in Romford Road, at Stop E (4644 - High Street North, Last Stop on LOR: 4644 - High Street North) and pick up in Romford Road, at Stop G (14523 - Woodgrange Park Station #, First Stop on LOR: 14523 - Woodgrange Park 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:	Manor Park.

ILFORD, RODEN STREET (from HAROLD HILL, DAGNAM PARK DRIVE)

Private stand for five buses in bus parking area at junction of Chapel Road and Roden Street in 2 sections.
1. For four buses on the offside, extending 45 metres;
2. For one bus on nearside, extending 12 metres.
Buses proceed from Ilford High Road via Chapel Road and Sainsburys Bus Lay-By to stand, departing via Sainsburys Bus Lay-By, Roden Street and Chapel Road to Ilford Hill. Set down in Ilford High Road, at Stop L (37219 - Ilford Broadway and pick up in Ilford Hill, at Stop F (R0757 - Ilford Hill, First Stop on LOR: R0757 - Ilford Hill).

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:	Ilford Broadway.

ILFORD, HAINAULT STREET (from Stratford Bus Station)

Private stand for 17 buses standing abreast in marked bays in Bus Parking Area on east side of Hainault Street, with the first 4 bays (nearest entrance) restricted to midi-buses. Buses proceed from Clements Road via Ilford High Road, Hainault Street and Ilford Bus Station to stand, departing via Ilford Bus Station, Ley Street and Hainault Street to Ilford High Road. Set down in Clements Road, at Stop S (FC60 - Redbridge Central Library, Last Stop on LOR: FC60 - Redbridge Central Library) and pick up in Ilford High Road, at Stop V (FC41 - Hainault Street, First Stop on LOR: FC41 - Hainault Street).

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:	Ilford.

CHADWELL HEATH, WANGEY ROAD

Public stand for three buses on west side of Wangey Road commencing 6 metres south of No. 8 and extending 35 metres south.

From Harold Hill, Dagnam Park Drive.
Buses proceed from Chadwell Heath High Road via Station Road and Wangey Road to stand, departing via Wangey Road to Chadwell Heath High Road. Set down in Chadwell Heath High Road, at Stop H (4298 - Japan Road, Last Stop on LOR: 4298 - Japan Road) and pick up in Chadwell Heath High Road, at Stop C (9644 - Chadwell Heath Lane, First Stop on LOR: 9644 - Chadwell Heath Lane).

From Stratford Bus Station.
Buses proceed from Chadwell Heath High Road via Station Road and Wangey Road to stand, departing via Wangey Road to Chadwell Heath High Road. Set down in Chadwell Heath High Road, at Stop C (9644 - Chadwell Heath Lane, Last Stop on LOR: 9644 - Chadwell Heath Lane) and pick up in Chadwell Heath High Road, at Stop D (29445 - Wangey Road, First Stop on LOR: 29445 - Wangey 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:	Chadwell Heath.

ROMFORD MARKET, ST EDWARDS WAY (from Stratford Bus Station)

Public stand for five buses in bus parking area on north side of St Edward's Way, at the junction with Church Lane.
Buses proceed from St Edwards Way via St Edwards Way Bus Stand to stand, departing via St Edwards Way Bus Stand, St Edwards Way and Main Road Roundabout to St Edwards Way. Set down in St Edwards Way, at Alighting Point (34113 - North Street, Last Stop on LOR: 34113 - North Street) and pick up in St Edwards Way, at Stop L (34118 - Romford Market, First Stop on LOR: 34118 - Romford Market).

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:	Romford Market.

ROMFORD STATION, ATLANTA BOULEVARD (from Stratford Bus Station)

Private stand for 15 buses in marked bays in Bus Parking Area in Atlanta Boulevard on south side of Romford Station.
Buses proceed from Western Road via Chandlers Way, Eastern Road, South Street and Atlanta Boulevard to stand, departing via Atlanta Boulevard to Romford Station Forecourt. Set down in Western Road, at Alighting Point (R0656 - Western Road, Last Stop on LOR: R0656 - Western Road) and pick up in Romford Station Forecourt, at Stop Z (R0760 - Romford 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:	Romford Station.

GALLOWS CORNER, MAIN ROAD (from Stratford Bus Station)

Buses proceed from Main Road via Gallows Corner departing to Main Road. Set down in Main Road, at stop GN (18470 - Upper Brentwood Road, Last Stop on LOR: 18470 - Upper Brentwood Road) and pick up in Main Road, at stop GQ (18469 - Upper Brentwood Road, First Stop on LOR: 18469 - Upper Brentwood Road).

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

GALLOWS CORNER (from HAROLD HILL, DAGNAM PARK DRIVE)

Buses proceed from Straight Road via Gallows Corner departing to Straight Road. Set down in Straight Road, at stop GE (20074 - Gallows Corner, Last Stop on LOR: 20074 - Gallows Corner) and pick up in Straight Road, at stop GL (20073 - Gallows Corner, First Stop on LOR: 20073 - Gallows Corner).

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

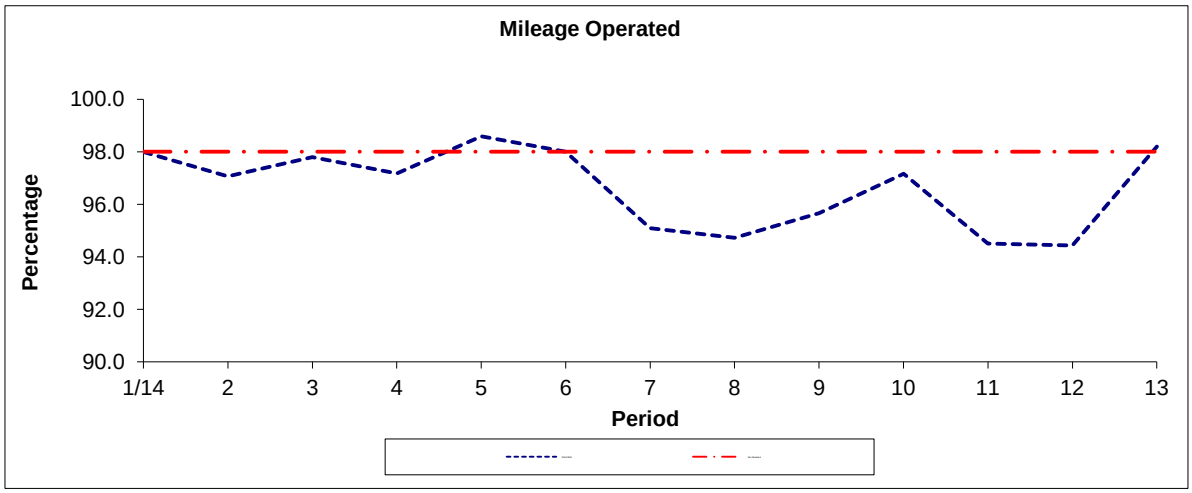
HAROLD HILL, DAGNAM PARK SQUARE

Public stand for two buses on west side of Dagnam Park Drive, commencing opposite No. 17 Dagnam Park Square and extending 30 metres south to a point opposite lamp standard No. 52.
Buses proceed from Dagnam Park Drive direct to stand, departing to Dagnam Park Drive. Set down in Dagnam Park Drive, at Stop DJ (35414 - Dagnam Park Square, Last Stop on LOR: 35414 - Dagnam Park Square) and pick up in Dagnam Park Drive, at Stop DJ (35414 - Dagnam Park Square, First Stop on LOR: 35414 - Dagnam Park Square).

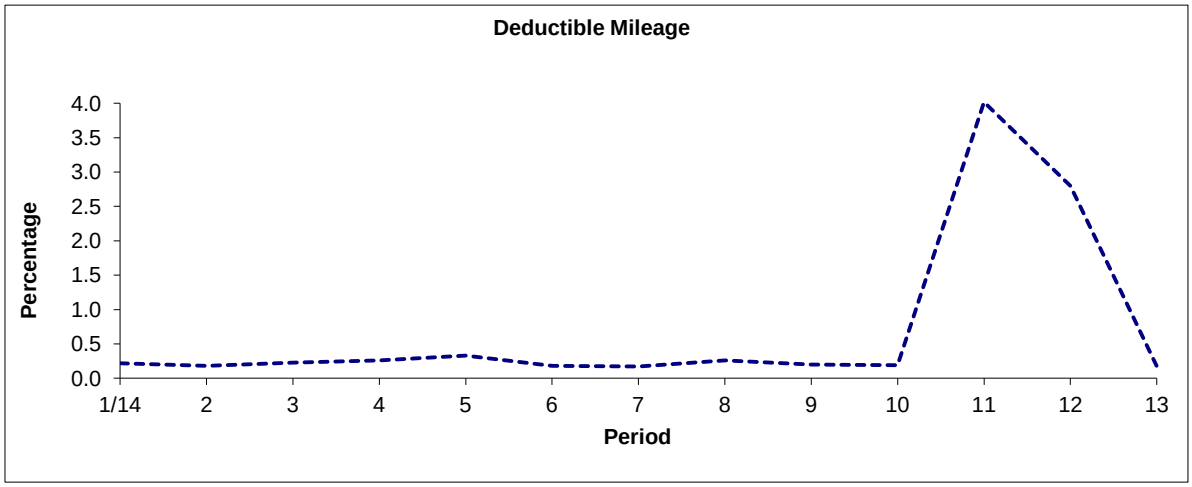
AVAILABILITY:	At any time.
OPERATING RESTRICTIONS:	No more than 1 bus on Route N86 should be scheduled to stand at any one time.
MEAL RELIEFS:	No meal relief vehicles to stand at any time.
FERRY VEHICLES:	No ferry vehicles to park on stand at any time.
BLIND DISPLAY:	Harold Hill, Dagnam Park Square.
OTHER INFORMATION:	No toilet facilities available.

PART B - PERFORMANCE STATISTICS

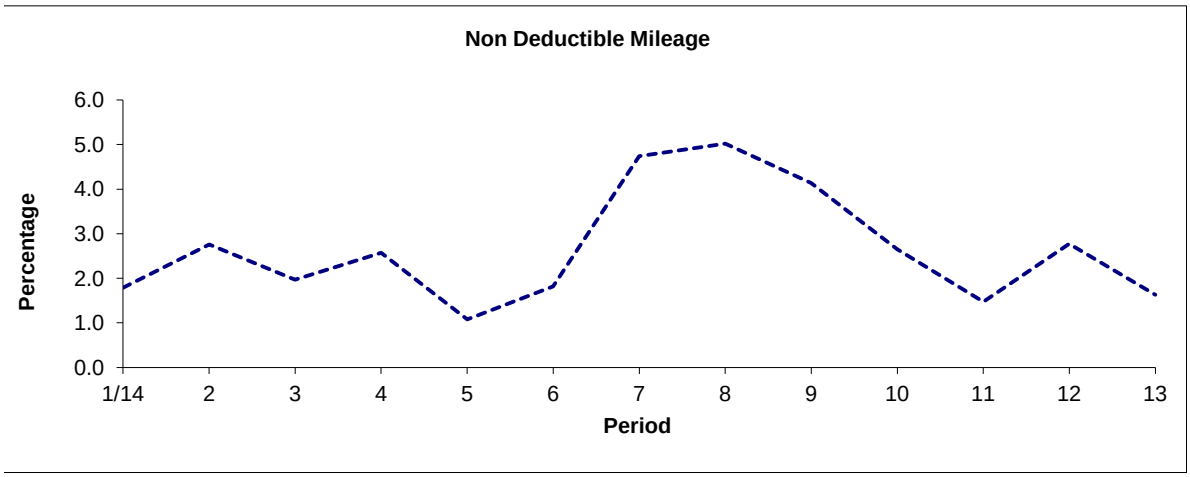
Route 86



Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	97.99	97.06	97.80	97.17	98.59	98.00	95.09	94.72	95.66	97.16	94.51	94.43	98.20
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	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	0.22	0.18	0.23	0.26	0.33	0.18	0.17	0.26	0.20	0.19	4.02	2.80	0.17

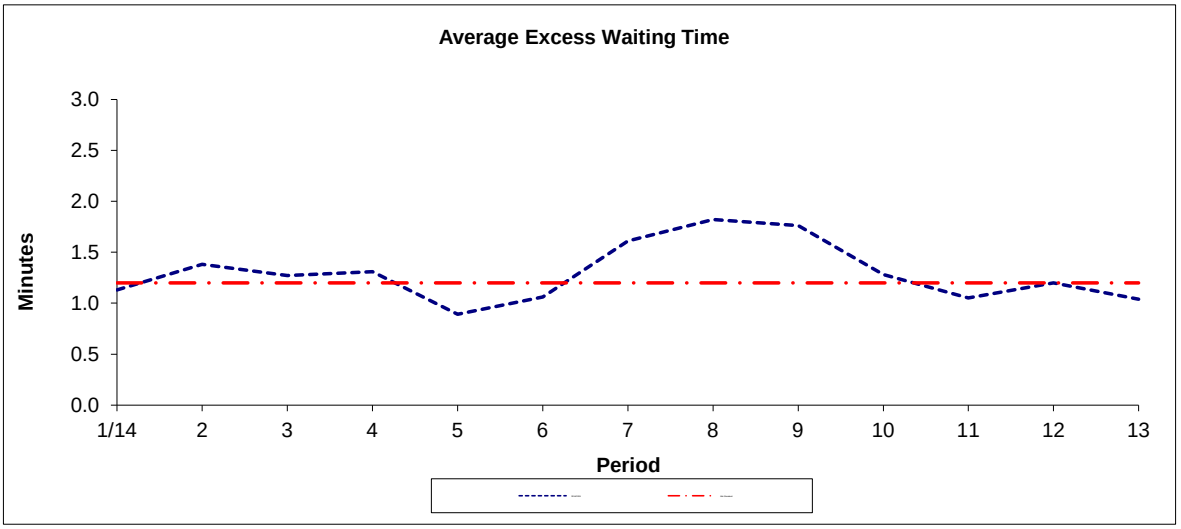


Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	1.79	2.76	1.97	2.57	1.08	1.82	4.74	5.02	4.14	2.65	1.47	2.77	1.63

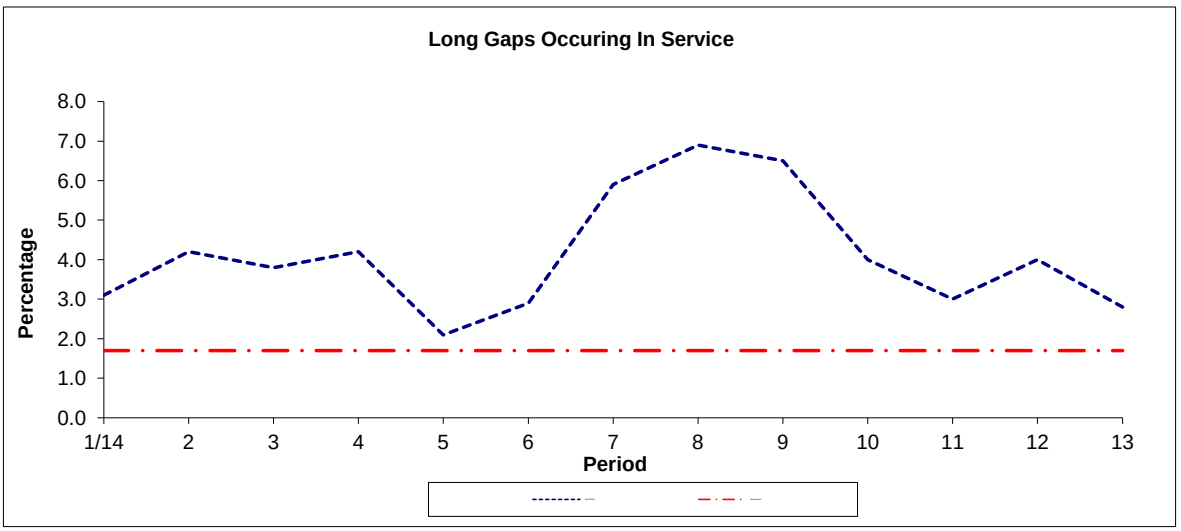
Note : **Mileage is based on 4 weeks data**
Deductible mileage performance adversely affected by industrial action by drivers in periods 11 and 12.

PART B - PERFORMANCE STATISTICS

Route 86



Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	1.13	1.38	1.27	1.31	0.89	1.06	1.61	1.82	1.76	1.28	1.05	1.20	1.04
Min Standard	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

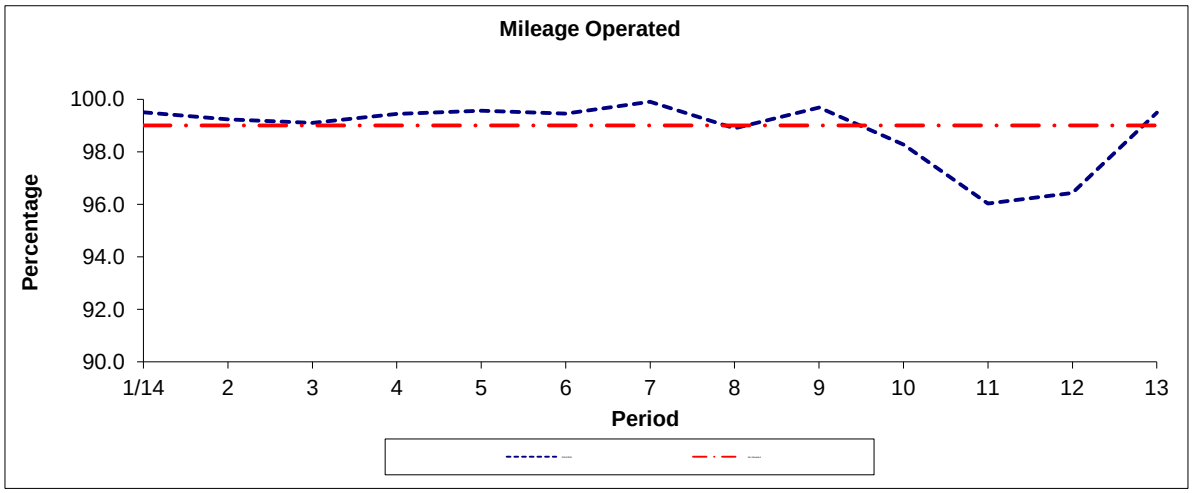


Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	3.1	4.2	3.8	4.2	2.1	2.9	5.9	6.9	6.5	4.0	3.0	4.0	2.8
Benchmark	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7

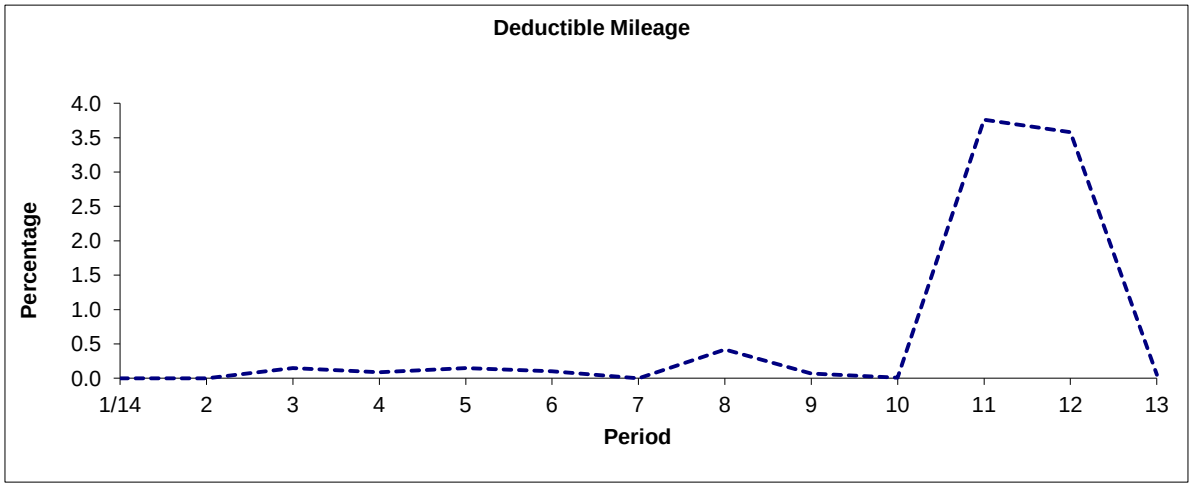
Note : **Reliability is actual performance under full iBus (4 weeks data).**
Minimum Standards and Benchmarks are those applicable under the new contract.

PART B - PERFORMANCE STATISTICS

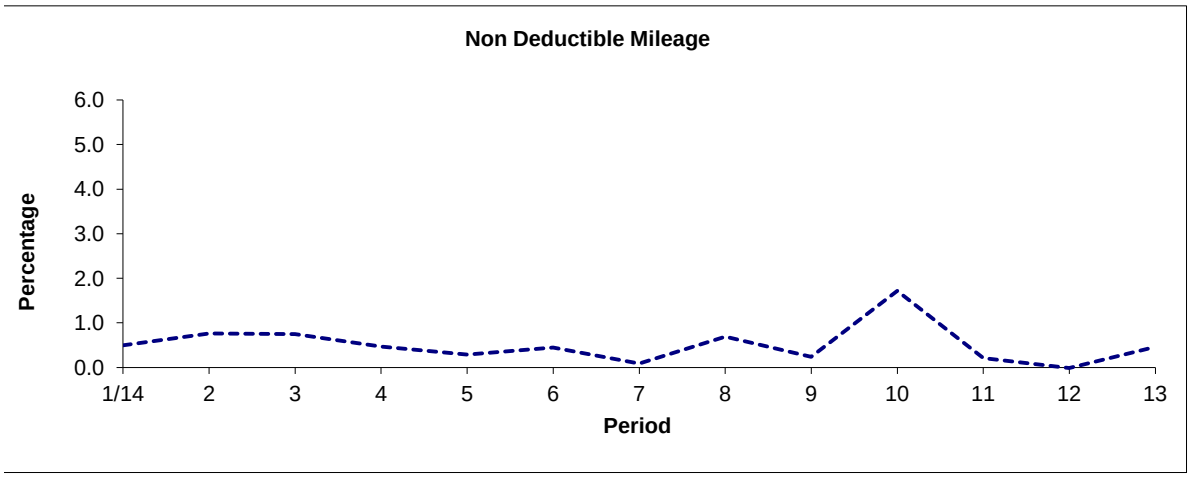
Route N86



Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	99.50	99.24	99.10	99.44	99.56	99.45	99.91	98.89	99.69	98.27	96.03	96.43	99.49
Min Standard	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00	99.00



Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	0.00	0.00	0.15	0.09	0.15	0.10	0.00	0.42	0.07	0.01	3.76	3.58	0.05

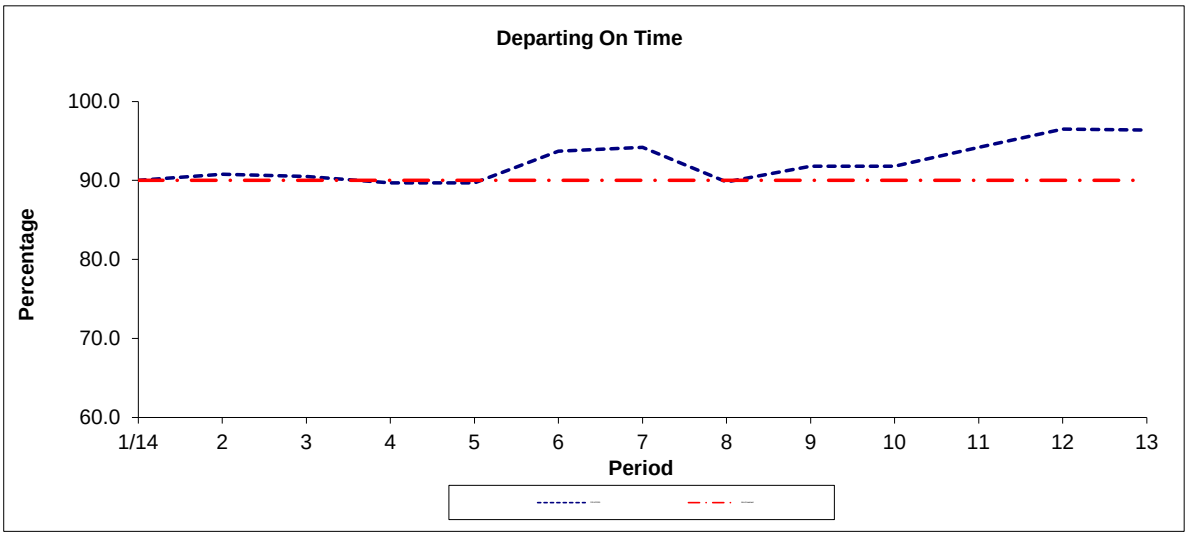


Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	0.50	0.76	0.75	0.47	0.29	0.45	0.09	0.69	0.24	1.72	0.21	-0.01	0.46

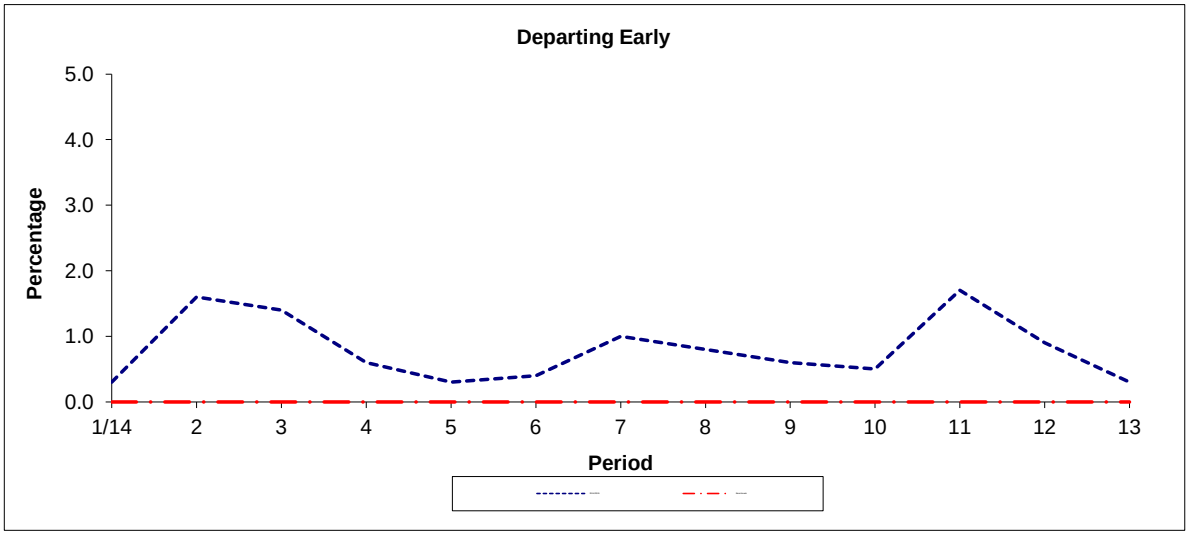
Note : **Mileage is based on 4 weeks data**
Deductible mileage performance adversely affected by industrial action by drivers in periods 11 and 12.

PART B - PERFORMANCE STATISTICS

Route N86



Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	90.0	90.8	90.5	89.7	89.7	93.7	94.2	89.8	91.8	91.8	94.2	96.5	96.4
Min Standard	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0



Period	1/14	2	3	4	5	6	7	8	9	10	11	12	13
2014/2015	0.3	1.6	1.4	0.6	0.3	0.4	1.0	0.8	0.6	0.5	1.7	0.9	0.3
Benchmark	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

ROUTE 86 - FULL iBUS RESULTS BY TIME OF DAY
QUARTERS 1 TO 4 14/15 (01/04/14 - 31/03/15)

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	25,079.	99.8	4.60	**0.33**	4.93	94.3	5.7	0.1	0.0	0.2	67
0700 - 1000	103,590.	97.6	3.03	**1.10**	4.13	93.4	6.3	0.3	0.0	3.5	48
1000 - 1300	103,382.	96.9	3.00	**1.00**	4.00	94.5	5.3	0.2	0.0	2.7	46
1300 - 1600	103,581.	96.7	2.99	**1.39**	4.39	91.2	8.1	0.6	0.0	5.1	45
1600 - 1900	107,085.	95.0	2.90	**1.69**	4.59	90.0	8.9	0.9	0.2	6.8	55
1900 - 2200	76,089.	98.5	4.01	**1.30**	5.31	86.9	12.0	0.9	0.2	3.5	60
2200 - 2400	41,309.	100.0	4.97	**0.71**	5.68	86.6	12.9	0.5	0.1	0.6	49
Summary	**560,115.**	**97.2**	**3.23**	**1.27**	**4.50**	**91.3**	**8.0**	**0.6**	**0.1**	**4.3**	**67**

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	3,958.	97.3	6.67	**0.36**	7.03	82.9	16.7	0.4	0.0	0.7	33
0700 - 1000	18,049.	97.6	3.66	**0.73**	4.39	94.1	5.8	0.1	0.0	0.8	29
1000 - 1300	22,675.	98.9	2.92	**0.93**	3.85	94.8	4.8	0.3	0.1	2.9	40
1300 - 1600	21,700.	93.8	3.00	**1.68**	4.68	89.2	9.3	1.2	0.2	6.9	52
1600 - 1900	21,831.	93.1	2.99	**1.84**	4.83	88.3	10.2	1.3	0.2	7.7	56
1900 - 2200	14,985.	96.3	4.30	**1.89**	6.20	79.7	18.0	2.0	0.2	5.0	45
2200 - 2400	8,748.	98.8	4.99	**1.14**	6.13	81.6	17.1	1.2	0.1	1.4	33
Summary	**111,946.**	**96.2**	**3.40**	**1.39**	**4.79**	**89.3**	**9.6**	**1.0**	**0.2**	**4.8**	**56**

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	3,663.	97.0	7.47	**0.32**	7.79	73.6	25.3	1.1	0.0	0.9	33
0700 - 1000	12,780.	98.2	5.76	**0.71**	6.48	80.5	18.6	0.9	0.1	0.3	37
1000 - 1300	15,105.	99.5	4.82	**0.87**	5.69	85.2	13.8	0.8	0.2	1.1	50
1300 - 1600	14,706.	91.8	4.94	**2.06**	7.01	74.5	21.2	3.6	0.7	4.4	61
1600 - 1900	14,985.	96.7	4.87	**1.76**	6.63	78.4	19.1	2.3	0.3	2.9	57
1900 - 2200	14,830.	99.6	4.95	**1.16**	6.11	82.4	16.4	1.1	0.0	1.3	46
2200 - 2400	9,768.	99.9	5.00	**0.48**	5.48	88.2	11.5	0.2	0.0	0.2	30
Summary	**85,837.**	**97.4**	**5.03**	**1.35**	**6.38**	**80.2**	**17.7**	**1.8**	**0.3**	**2.2**	**61**

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	32,700.	99.2	5.00	**0.33**	5.33	91.8	8.1	0.2	0.0	0.3	67
0700 - 1000	134,419.	97.7	3.22	**1.05**	4.27	92.8	6.8	0.3	0.0	3.1	48
1000 - 1300	141,162.	97.5	3.19	**0.97**	4.17	93.5	6.2	0.3	0.1	2.6	50
1300 - 1600	139,987.	95.7	3.20	**1.51**	4.70	89.2	9.7	1.0	0.1	5.3	61
1600 - 1900	143,901.	94.9	3.10	**1.71**	4.82	88.7	10.0	1.1	0.2	6.5	57
1900 - 2200	105,904.	98.3	4.15	**1.36**	5.51	85.5	13.3	1.1	0.2	3.5	60
2200 - 2400	59,825.	99.8	4.98	**0.73**	5.71	86.2	13.2	0.6	0.1	0.6	49
Summary	**757,898.**	**97.1**	**3.42**	**1.29**	**4.72**	**90.0**	**9.2**	**0.7**	**0.1**	**4.1**	**67**

ROUTE N86 - FULL iBUS RESULTS BY TIME OF DAY
QUARTERS 1 TO 4 14/15 (01/04/14 - 31/03/15)

MONDAY - FRIDAY

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0000 - 0500	37,395.	99.5	99.2	95.1	0.7	0.6	3.6
Summary	**37,395.**	**99.5**	**99.2**	**95.1**	**0.7**	**0.6**	**3.6**

SATURDAY

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0000 - 0500	7,859.	98.7	98.2	88.9	1.5	1.4	8.2
Summary	**7,859.**	**98.7**	**98.2**	**88.9**	**1.5**	**1.4**	**8.2**

SUNDAY AND BANK HOLIDAYS

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0000 - 0500	8,625.	98.0	96.6	88.6	2.0	0.8	8.6
Summary	**8,625.**	**98.0**	**96.6**	**88.6**	**2.0**	**0.8**	**8.6**

ALL DAYS

Time Period	Expected Buses	On AVL (%)	Linked (%)	Departing On Time (%)	Non Arrival / Not Linked (%)	Departing 8 - 2.5 mins Early (%)	Departing 5 - 15 mins Late (%)
0000 - 0500	53,879.	99.2	98.7	92.2	1.2	0.8	5.8
Summary	**53,879.**	**99.2**	**98.7**	**92.2**	**1.2**	**0.8**	**5.8**

Transport for London - QSI Points and Live Mileage List

Route 86
Service change 34347
Date 12/08/2013
QSI Points are highlighted

Reason for Issue

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
STFDBS	BP976	Stratford Bus Station		
	34246	Stratford Centre	541	0.34
	2238	Litchfield Avenue	330	0.21
	4894	Water Lane / University Of East London	160	0.10
	1577	Atherton Leisure Centre	497	0.31
	14510	Margery Park Road	403	0.25
	1937	Woodgrange Road	275	0.17
FGATGS	9045	Green Street	529	0.33
	1740	Katherine Road	334	0.21
	14520	Shrewsbury Road	234	0.15
	14522	Woodgrange Park Station	232	0.14
MNPKBY	4644	High Street North	302	0.19
	14527	First Avenue	318	0.20
	14529	Manor Park Library	180	0.11
	14531	Seventh Avenue	219	0.14
	4645	Little Ilford Lane	375	0.23
	14540	North Circular Road	251	0.16
	R0757	Ilford Hill	430	0.27
IFBYCR	BP5674	Pioneer Point	237	0.15
	FC60	Ilford Central Library	388	0.24
ILFDHS	FC45	Hainault Street	352	0.22
	14079	Green Lane	486	0.30
	BP1504	Ilford County Court	328	0.20
	9622	Seven Kings / The Cauliflower	293	0.18
	9624	New Road	338	0.21
SKGSSN	1512	Seven Kings Station	258	0.16
	BP1350	Chester Road	199	0.12
	9628	Roman Catholic Church Of St Cedd	372	0.23
	9377	Barley Lane / Goodmayes Station	181	0.11
	9634	Goodmayes Tesco	527	0.33
	9636	Grove Road	293	0.18
	9638	Reynolds Avenue	328	0.20
	9644	Chadwell Heath Lane	344	0.21
CHADSY	18026	St Chad's Road	399	0.25
	3320	Whalebone Lane	428	0.27
	1676	Hainault Road	403	0.25
	8996	St Edward's School	566	0.35
	8997	Jutsums Lane	401	0.25
ROMFSD	8998	Romford Stadium	347	0.22
	14662	Richards Avenue	334	0.21
	9000	Cotleigh Road	301	0.19
	36644	Knightsbridge Gardens	181	0.11
	R0332	Mawney Road	191	0.12
	34113	North Street	240	0.15
ROMFSE	34092	Romford Market	414	0.26
	34119	Western Road	605	0.38
ROMFSN	BP148	Romford Station	616	0.38

Total Route Mileage - Out Direction	15960	9.92
	Metres	Miles

v2.0 - Mileage directly imported from Caesar

TRANCHE 520

Removal of evening re-routeing in Romford Town

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
ROMFSN	R0760	Romford Station		
	34121	Western Road	331	0.21
ROMFSE	34118	Romford Market	574	0.36
	34115	North Street	376	0.23
	3539	Mawney Road	255	0.16
	8999	Cotleigh Road	414	0.26
	14663	Richards Avenue	403	0.25
ROMFSD	2660	Romford Stadium	336	0.21
	3318	Jutsums Lane	331	0.21
	3538	St Edward's School	436	0.27
	1677	Albany Road	506	0.31
	3319	Whalebone Lane	187	0.12
	BP2661	Farrance Road	251	0.16
CHADSY	18025	St Chad's Road	280	0.17
	4298	Japan Road	252	0.16
	29445	Wangey Road	307	0.19
	9639	Montpelier Gardens	295	0.18
	9637	Grove Road	422	0.26
	FC70	Goodmayes Tesco	320	0.20
	9378	Goodmayes Road / Goodmayes Station	340	0.21
	9629	Roman Catholic Church Of St Cedd	249	0.15
	BP1349	Chester Road	240	0.15
SKGSSN	1511	Seven Kings Station	243	0.15
	9625	New Road	380	0.24
	9623	Ilford Fire Station	342	0.21
	1581	Gurdwara Karamsar Temple	305	0.19
	FC52	St Peter & St Paul Church	150	0.09
	FC53	Winston Way Primary School	230	0.14
ILFDHS	FC41	Hainault Street	479	0.30
	BP3460	Ilford Central Library	270	0.17
IFBYHR	37219	Ilford Broadway	358	0.22
	BP1379	Chapel Road	283	0.18
	14535	Dersingham Avenue	504	0.31
	3013	Little Ilford Lane	200	0.12
	14530	Manor Park Library	384	0.24
	14528	First Avenue	241	0.15
MNPKBY	4643	High Street North	210	0.13
	14523	Woodgrange Park Station	349	0.22
	R0325	Shrewsbury Road	370	0.23
	1739	Katherine Road	312	0.19
FGATGS	14581	Green Street	344	0.21
	4876	Woodgrange Road	243	0.15
	14515	Sprowston Road	274	0.17
	14511	Margery Park Road	263	0.16
	1578	Atherton Leisure Centre	448	0.28
	4896	Water Lane / University Of East London	268	0.17
	8019	Stratford Centre	552	0.34
STFDBS	BP5307	Stratford Bus Station	501	0.31

	Total Route Mileage - Back Direction	15608	9.70
		Metres	Miles

Transport for London - QSI Points and Live Mileage List

Route N86
Service change 34367
Date 12/08/2013
QSI Points are highlighted.

Reason for Issue

OUT DIRECTION				
Timing Point Code	**Stop Number**	**Stop Name**	**Metres**	**Miles**
STFDBS	BP976	Stratford Bus Station		
	34246	Stratford Centre	541	0.34
	2238	Litchfield Avenue	330	0.21
	4894	Water Lane / University Of East London	160	0.10
	1577	Atherton Leisure Centre	497	0.31
	14510	Margery Park Road	403	0.25
	1937	Woodgrange Road	275	0.17
FGATGS	9045	Green Street	529	0.33
	1740	Katherine Road	334	0.21
	14520	Shrewsbury Road	234	0.15
	14522	Woodgrange Park Station	232	0.14
MNPKBY	4644	High Street North	302	0.19
	14527	First Avenue	318	0.20
	14529	Manor Park Library	180	0.11
	14531	Seventh Avenue	219	0.14
	4645	Little Ilford Lane	375	0.23
	14540	North Circular Road	251	0.16
	R0757	Ilford Hill	430	0.27
IFBYCR	BP5674	Pioneer Point	237	0.15
	FC60	Ilford Central Library	388	0.24
ILFDHS	FC45	Hainault Street	352	0.22
	14079	Green Lane	486	0.30
	BP1504	Ilford County Court	328	0.20
	9622	Seven Kings / The Cauliflower	293	0.18
	9624	New Road	338	0.21
SKGSSN	1512	Seven Kings Station	258	0.16
	BP1350	Chester Road	199	0.12
	9628	Roman Catholic Church Of St Cedd	372	0.23
	9377	Barley Lane / Goodmayes Station	181	0.11
	9634	Goodmayes Tesco	527	0.33
	9636	Grove Road	293	0.18
	9638	Reynolds Avenue	328	0.20
	9644	Chadwell Heath Lane	344	0.21
CHADSY	18026	St Chad's Road	399	0.25
	3320	Whalebone Lane	428	0.27
	1676	Hainault Road	403	0.25
	8996	St Edward's School	566	0.35
	8997	Jutsums Lane	401	0.25
	8998	Romford Stadium	347	0.22
	14662	Richards Avenue	334	0.21
	9000	Cotleigh Road	301	0.19
	36644	Knightsbridge Gardens	181	0.11
	R0332	Mawney Road	191	0.12
	34113	North Street	240	0.15
ROMFSE	34092	Romford Market	414	0.26
	BP4873	Mercury Gardens	351	0.22
	R0656	Western Road	335	0.21
ROMFSN	R0760	Romford Station	495	0.31
	34120	Mercury Gardens	650	0.40
	18468	Romford Police Station	348	0.22
	2492	Pettits Lane	346	0.21
	20511	Raphael Park	251	0.16
	9002	Repton Avenue	276	0.17
	4348	Links Avenue	517	0.32
	9003	Castellan Avenue	469	0.29
	18470	Upper Brentwood Road	261	0.16
GALWSR	20073	Gallows Corner	382	0.24
	20071	Faringdon Avenue	312	0.19
	20069	Heaton Avenue	282	0.18
	20067	Myrtle Road	329	0.20
	20065	Grange Road	216	0.13
	BP1588	Charlbury Crescent	201	0.12
	26506	Chatteris Avenue	279	0.17
	26508	Hilldene Avenue Shopping Centre	357	0.22
HHILGD	26510	Chippenham Road	196	0.12
	27917	Brookside School	289	0.18
	35411	Harkness Close	350	0.22
	35413	Sedgefield Crescent	352	0.22
	35415	Wickford Drive	191	0.12
	34135	Redruth Road	234	0.15
	BP4965	Petersfield Avenue	241	0.15
	34134	St Neot's Road	149	0.09
	35418	Tarnworth Road	267	0.17
HHILDS	35414	Dagnam Park Square	292	0.18
		Total Route Mileage - Out Direction	23957	14.89
			Metres	Miles

v2.0 - Mileage directly imported from Caesar

TRANCHE 520

Removal of evening re-routeing in Romford Town

BACK DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
HHILDS	35414	Dagnam Park Square		
	34137	Sheffield Drive	135	0.08
	34138	Settle Road	294	0.18
	35412	Sedgefield Crescent	375	0.23
	27919	Harkness Close	380	0.24
	27918	Brookside School	341	0.21
HHILGD	26511	Chippenham Road	272	0.17
	26509	Hilldene Avenue Shopping Centre	223	0.14
	26507	Chatteris Avenue	368	0.23
	34778	Charlbury Crescent	254	0.16
	20066	Grange Road	238	0.15
	20068	Myrtle Road	186	0.12
	20070	Heaton Avenue	342	0.21
	R0308	Faringdon Avenue	319	0.20
GALWSR	20074	Gallows Corner	227	0.14
	18469	Upper Brentwood Road	342	0.21
	3542	Castellan Avenue	310	0.19
	3296	Balgores Lane	589	0.37
	3541	Repton Avenue	480	0.30
	20512	Raphael Park	310	0.19
	2491	Pettits Lane	248	0.15
	BP4873	Mercury Gardens	475	0.30
	R0656	Western Road	335	0.21
ROMFSN	R0760	Romford Station	495	0.31
	34120	Mercury Gardens	650	0.40
ROMFSE	34118	Romford Market	255	0.16
	34115	North Street	376	0.23
	3539	Mawney Road	255	0.16
	8999	Cotleigh Road	414	0.26
	14663	Richards Avenue	403	0.25
	2660	Romford Stadium	336	0.21
	3318	Jutsums Lane	331	0.21
	3538	St Edward's School	436	0.27
	1677	Albany Road	506	0.31
	3319	Whalebone Lane	187	0.12
	BP2661	Farrance Road	251	0.16
CHADSY	18025	St Chad's Road	280	0.17
	4298	Japan Road	252	0.16
	29445	Wangey Road	307	0.19
	9639	Montpelier Gardens	295	0.18
	9637	Grove Road	422	0.26
	FC70	Goodmayes Tesco	320	0.20
	9378	Goodmayes Road / Goodmayes Station	340	0.21
	9629	Roman Catholic Church Of St Cedd	249	0.15
	BP1349	Chester Road	240	0.15
SKGSSN	1511	Seven Kings Station	243	0.15
	9625	New Road	380	0.24
	9623	Ilford Fire Station	342	0.21
	1581	Gurdwara Karamsar Temple	305	0.19
	FC52	St Peter & St Paul Church	150	0.09
	FC53	Winston Way Primary School	230	0.14
ILFDHS	FC41	Hainault Street	479	0.30
	BP3460	Ilford Central Library	270	0.17
IFBYHR	37219	Ilford Broadway	358	0.22
	BP1379	Chapel Road	283	0.18
	14535	Dersingham Avenue	504	0.31
	3013	Little Ilford Lane	200	0.12
	14530	Manor Park Library	384	0.24
	14528	First Avenue	241	0.15
MNPKBY	4643	High Street North	210	0.13
	14523	Woodgrange Park Station	349	0.22
	R0325	Shrewsbury Road	370	0.23
	1739	Katherine Road	312	0.19
FGATGS	14581	Green Street	344	0.21
	4876	Woodgrange Road	243	0.15
	14515	Sprowston Road	274	0.17
	14511	Margery Park Road	263	0.16
	1578	Atherton Leisure Centre	448	0.28
	4896	Water Lane / University Of East London	268	0.17
	8019	Stratford Centre	552	0.34
STFDBS	BP5307	Stratford Bus Station	501	0.31

Total Route Mileage - Back Direction	23146	14.38
	Metres	Miles