

SERVICE CHANGE PROPOSAL

This Service Change Proposal contains information which is confidential and legally privileged. The disclosure of this would, or would be likely to, prejudice the commercial interests of TfL, its subsidiary companies and/or other parties. This draft communication contains continuing internal discussions on potential commercial options for the future of TfL. It is not intended to reflect or represent any formal TfL views or policy. Its subject matter may relate to issues which would be subject to consultation or contract negotiation. Its contents are therefore confidential and should not be disclosed to any unauthorised persons.

Route Number	X140
Terminus Points	Heathrow Airport Central Bus Station and Harrow, Bus Station
Commencement Date	7th December 2019
Vehicle Type	87 capacity, dual door, double deck vehicles, subject to a satisfactory route test
Current Maximum Approved Dimensions	To be confirmed
Sponsored Route	Yes. Route No. X140 will be part of the Heathrow Free Fare Zone so will be partially sponsored by BAA. Bus travel will be free of charge within the airport perimeter.
Advertising Rights	Operator
Minimum Performance Standard	Average Excess Wait Time - No more than 1.20 minutes
Extension Threshold	Average Excess Wait Time Threshold - 1.10 minutes
Minimum Operated Mileage Standard	No less than 98%

SERVICE CHANGE PROPOSAL

- 1) SERVICE CHANGE PROPOSAL - ROUTE SPECIFICATION INFORMATION
- 2) NOTES
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2) NOTES

Proposed:

In response to the upcoming introduction of the Elizabeth line in West London, the following is proposed for introduction:

- Route No. X140 is a new limited stop route which is specified to operate between Heathrow Airport Central Bus Station and Harrow, Bus Station.
- Route No. X140 will operate via the routeing of Route No. N140 with the **exception** of operating:
 - * direct via Tunnel Road West and then via Tunnel Road East and East Ramp (northern side) to Bath Road ex Heathrow Airport Central Bus Station.
 - * via College Road, Headstone Road and Kymberley Road to Harrow Bus Station ex Heathrow Airport Central Bus Station.
 - * direct via Bessborough Road in both directions.
- **Please see Section 5 for a full list of streets traversed and standing arrangements.**
- Mondays to Saturdays daytime frequencies are specified at every 12 minutes.
- All evenings and Sundays frequencies are specified at every 15 minutes.
- Saturdays very early morning frequencies are specified at every 20 minutes.
- Saturdays early morning frequencies are specified at every 15 minutes.
- Sundays very early morning frequencies are specified at every 30 minutes.
- Sundays early morning frequencies are specified at every 20 minutes.
- The departure times of Route Nos. 140 & N140 have been used to determine the traffic day of Route No. X140.
- 87 capacity, dual door, double deck vehicles are specified, subject to a satisfactory route test.

The above proposals as well as the proposals specified for Route Nos. 140 & N140 and new Route No. 278 (tendered as part of Tranche 683A) are specified in order to provide a more efficient network of services and meet passenger demand in the West London area.

2) **NOTES - continued**

Limited Stops:

Route No. X140 has the following limited stops:

Ex Heathrow Airport Central Bus Station

Stop Number	Stop Name
BP5117	Heathrow Central Bus Station
16326	Harlington Corner
16322	Manor Lane
29994	Hayes and Harlington Station
BP6123	Hayes Town
14725	The Grapes
14865	Willow Tree Lane
14723	Tangmere Gardens
33016	Yeading/White Hart
14908	Northolt Station
16138	Station Parade
29641	South Harrow Station
R0839	Harrow Bus Station

Ex Harrow, Bus Station

Stop Number	Stop Name
R0842	Harrow Bus Station
26472	South Harrow Station
16139	Station Parade
18221	Northolt Station
37263	Yeading/White Hart
14724	Dilston Close
14864	Shakespeare Avenue
10462	The Grapes
BP6122	Hayes Town
15979	Hayes and Harlington Station
16323	Manse Close
3419	Harlington Corner
OC901	Heathrow Central Bus Station

3) SCHEDULE REQUIREMENTS & PINCHPOINTS

3.1) MONDAY TO FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Heathrow Airport Central Bus Station to Harrow, Bus Station			Harrow, Bus Station to Heathrow Airport Central Bus Station		
First departure no later than 0555.			First departure no later than 0540.		
0550 - 0625	Every 15 minutes		0535 - 0640	Every 15 minutes	
0626 - 2025	Every 12 minutes		0641 - 1940	Every 12 minutes	
2026 - 2345	Every 15 minutes		1941 - 2245	Every 15 minutes	
Last departure no earlier than 2340.			Last departure no earlier than 2240.		
Pinchpoints					
South Harrow Station	0635 - 0705	15 minutes	Hayes and Harlington Station	0720 - 0920	12 minutes
	0706 - 0905	12 minutes		1505 - 1630	12 minutes
	1505 - 1640	12 minutes			

3.2) SATURDAY AND GOOD FRIDAY SCHEDULE REQUIREMENTS & PINCHPOINTS

Heathrow Airport Central Bus Station to Harrow, Bus Station			Harrow, Bus Station to Heathrow Airport Central Bus Station		
First departure no later than 0555.			First departure no later than 0540.		
0550 - 0735	Every 20 minutes		0535 - 0640	Every 20 minutes	
0736 - 0935	Every 15 minutes		0641 - 0841	Every 15 minutes	
0936 - 1935	Every 12 minutes		0841 - 1840	Every 12 minutes	
1936 - 2345	Every 15 minutes		1841 - 2245	Every 15 minutes	
Last departure no earlier than 2340.			Last departure no earlier than 2240.		
Pinchpoints					
South Harrow Station	0915 - 1015	15 minutes	Hayes and Harlington Station	0920 - 1120	12 minutes
	1016 - 1115	12 minutes			

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

Heathrow Airport Central Bus Station to Harrow, Bus Station			Harrow, Bus Station to Heathrow Airport Central Bus Station		
First departure no later than 0555.			First departure no later than 0540.		
0550 - 0725	Every 30 minutes		0535 - 0640	Every 30 minutes	
0726 - 0925	Every 20 minutes		0641 - 0840	Every 20 minutes	
0926 - 2345	Every 15 minutes		0841 - 2245	Every 15 minutes	
Last departure no earlier than 2340.			Last departure no earlier than 2240.		
Pinchpoints					
South Harrow Station	1000 - 1130	15 minutes	Hayes and Harlington Station	1005 - 1135	15 minutes

Please identify the cost of the Boxing Day element of this service separately.

4) OPERATIONAL CONSIDERATIONS

- 4.1) Route No. X140 is expected to suffer from unpredictable traffic delays in the Heathrow, Hayes and Harrow areas.
- 4.2) The Old Vinyl Factory in Hayes (formerly owned by the British music company EMI) is being re-developed and is a mix of re-imagined Art Deco office buildings, new homes, innovation and educational hubs, restaurants, shops, gym, boutique cinema and a live music venue. In total, there will be 642 new homes, 550,000 square feet of office space, 70,000 square feet of retail space and 250,000 square feet of public space. This is expected to increase demand on the bus network in the surrounding area.
- 4.3) The former Nestle factory site in Hayes will be re-developed. There will be 381 new homes, the restoration of the canal frontage, over three hectares of public parks, the re-opening of a site to the public that has been closed for 100 years and the re-development of the Canteen Building to offer new community space, such as a day nursery and a gym. This is expected to increase demand on the bus network in the surrounding area.
- 4.4) Heathrow Airport Limited propose to reduce the number of staff parking spaces over the next few years to reduce the number of private car trips in and around Heathrow airport. This is expected to increase demand on the bus network in the surrounding area.
- 4.5) The two town centres of Harrow and Wealdstone, the Station Road corridor linking the two centres and the industrial land and open spaces surrounding Wealdstone, including the Kodak site, Headstone Manor and the Harrow Leisure Centre will be re-generated. This may have an impact on demand on Route No. X140. In addition, there may be changes to road infrastructure and bus priority which may have an impact on Route No. X140.
- 4.6) Construction work on the re-development of Harrow Bus Station is expected to begin during the life of the contract. This is expected to have an impact on Route No. X140.
- 4.7) The Harrow and Wealdstone area has been designated as a London Plan Opportunity Area and Harrow is one of the Mayors Housing Zones.
- 4.8) The central section of the Elizabeth line will open between Paddington and Abbey Wood initially and there will be a six month window for delivery from October 2020. Once the central section opens, full services across the Elizabeth line from Reading and Heathrow to Abbey Wood and Shenfield will commence as soon as possible. There is potential for a change in passenger demand on Route No. X140 once the Elizabeth line becomes fully operational. A review, post opening of the Elizabeth line, will be undertaken if required.

5) ROUTE RECORD, IBUS MILEAGE & QSI POINTS

5.1) ROUTE RECORD

As per Busnet printout.

5.2) IBUS MILEAGE & QSI POINTS

As per current print out.

LONDON BUSES - ROUTE DESCRIPTION

ROUTE X140: Heathrow Airport, Central Bus Station - Harrow Bus Station

Date of Structural Change: 7 December 2019.

Date of Service Change: 7 December 2019.

Reason for Issue: New limited stop route.

STREETS TRAVERSED

Towards Harrow Bus Station: Heathrow Airport Central Bus Station, Inner Ring West, Tunnel Road West, Tunnel Road East, East Ramp [Northern Side], Bath Road, Harlington High Street, Station Road, Botwell Lane, Coldharbour Lane, Yeading Lane, White Hart Roundabout, Church Road, Target Roundabout, Church Road, Mandeville Road, Pett's Hill, Northolt Road, Lower Road, Bessborough Road, College Road, Headstone Road, Kymberley Road, Harrow Bus Station.

Towards Heathrow Airport, Central Bus Station: College Road, Bessborough Road, Lower Road, Northolt Road, Pett's Hill, Mandeville Road, Church Road, Target Roundabout, Church Road, White Hart Roundabout, Yeading Lane, Coldharbour Lane, Pump Lane, Botwell Lane, Station Road, Harlington High Street, Hatton Road North, Bath Road, Heathrow North Bus Lane, Nettleton Road, Nene Road, East Ramp, Tunnel Road East, Inner Ring East, Heathrow Airport Central 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.

HEATHROW AIRPORT, CENTRAL BUS STATION

Private stand for 10 buses in marked bays on north side of Heathrow Airport Central Bus Station.

Buses proceed from Heathrow Airport Central Bus Station via Bus Parking Area to stand, departing via Bus Parking Area to Heathrow Airport Central Bus Station. Set down in Heathrow Airport Central Bus Station, at Alighting Point (OC901 - Heathrow Central Bus Station) and pick up in Heathrow Airport Central Bus Station, from Stand 19 (BP5117 - Heathrow Central Bus Station).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 1 bus on Route X140 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: Heathrow Central.

HEATHROW AIRPORT NORTH (from HARROW BUS STATION)

Buses proceed from Bath Road via Heathrow North Bus Lane, Nettleton Road, Nene Road, Sipson Road and Bath Road departing to Harlington High Street. Set down in Bath Road, At Stop BM (18208 - Nene Road) and pick up in Harlington High Street, At Stop BJ (16326 - Harlington Corner).

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

HARLINGTON CORNER, NOBEL DRIVE (from HARROW BUS STATION)

Public stand for two buses in Nobel Drive (East arm), commencing 45 metres north of Bath Road and continuing 21 metres north.

Buses proceed from Bath Road via Heathrow North Bus Lane, Nettleton Road, Nene Road, Sipson Road, Bath Road, Nobel Drive and Nobel Drive (East Arm) to stand, departing via Nobel Drive (East Arm), Nobel Drive (East Roundabout), Nobel Drive (East Arm) and Bath Road to Harlington High Street. Set down in Bath Road (3419 - Harlington Corner) and pick up in Harlington High Street, At Stop N (16326 - Harlington Corner).

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: Harlington Corner.

HAYES, CLARENDON ROAD

Public stand for one bus on west side of Clarendon Road, commencing 50 metres south of Clayton Road and extending 12 metres south.

From Harrow Bus Station.

Buses proceed from Station Road via Clayton Road, Blyth Road and Clarendon Road to stand, departing via Clarendon Road and Clayton Road to Station Road. Set down in Station Road, At Stop D (BP6122 - Hayes Town and pick up in Station Road, At Stop P (BP6123 - Hayes Town.

From Heathrow Airport, Central Bus Station.

Buses proceed from Station Road via Clayton Road, Blyth Road and Clarendon Road to stand, departing via Clarendon Road and Clayton Road to Station Road. Set down in Station Road, At Stop L (29994 - Hayes And Harlington Station # and pick up in Station Road, At Stop E (15979 - Hayes And Harlington 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:	Hayes & Harlington Station.

YEADING, WHITE HART

Public stand for one bus on south west side of Old Ruislip Road, alongside the green, commencing at a point 9 metres west of the centre of Hawtry Avenue and extending 13 metres eastwards.

From Harrow Bus Station.

Buses proceed from Church Road via White Hart Roundabout, Ruislip Road and Old Ruislip Road to stand, departing via Old Ruislip Road, Ruislip Road and White Hart Roundabout to Church Road. Set down in Church Road, At Stop X (37263 - Yeading / White Hart Roundabout and pick up in Church Road, At Stop V (33016 - Yeading / White Hart Roundabout.

From Heathrow Airport, Central Bus Station.

Buses proceed from Yeading Lane via White Hart Roundabout, Ruislip Road and Old Ruislip Road to stand, departing via Old Ruislip Road, Ruislip Road and White Hart Roundabout to Yeading Lane. Set down in Yeading Lane, At Stop N (14723 - Tangmere Gardens and pick up in Yeading Lane, At Stop L (14724 - Dilston Close.

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:	Yeading, White Hart.

NORTHOLT STATION (from Heathrow Airport, Central Bus Station)

Public stand for six buses in bus parking area on west side of Mandeville Road between Carr Road and Castle Road.

Buses proceed from Mandeville Road via Bus Parking Area to stand, departing via Bus Parking Area to Mandeville Road. Set down in Mandeville Road, At Stop A (14908 - Northolt Station <>) and pick up in Mandeville Road, At Stop B (18221 - Northolt 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: Northolt Station.

SOUTH HARROW STATION, SOUTH HILL AVENUE (from Heathrow Airport, Central Bus Station)

Stand for routes 487 and H12 in two sections:

- 1 - Public stand for two buses in marked bay on north-east side of South Hill Avenue commencing 1 metre north of No.4 South Hill Avenue and extending 21 metres north.
- 2 - Private overflow stand for three buses on the south side of South Harrow Station Forecourt.

Buses proceed from Northolt Road via South Hill Avenue to stand, departing via South Hill Avenue and South Harrow Bus Station to Northolt Road. Set down in Northolt Road, At Stop F (29641 - South Harrow Station <>) and pick up in Northolt Road, At Stop G (26472 - South Harrow 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: South Harrow Station.

HARROW BUS STATION

Private stand for 7 buses in marked bays in Harrow Bus Station on south side of College Road.

Buses proceed from Harrow Bus Station direct to stand, departing via Harrow Bus Station to College Road. Set down in Harrow Bus Station, At Stop E (R0839 - Harrow Bus Station) and pick up in College Road, At Stop B (R0842 - Harrow Bus Station).

AVAILABILITY: At any time.
OPERATING RESTRICTIONS: No more than 1 bus on Route X140 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: Harrow.

Transport for London - Live Mileage List

Route: X140

Service Change: 51382

Date: 12/01/2019

Heathrow-Harrow

Reason for Issue

QSI points are highlighted.

OUT DIRECTION				
Timing Point Code	Stop Number	Stop Name	Metres	Miles
HTWABS	BP5117	Heathrow Central Bus Station		
HARNCR	16326	Harlington Corner	2703	1.68
	16322	Manor Lane	719	0.45
HYSHSN	29994	Hayes and Harlington Station	2199	1.37
	BP6123	Hayes Town	421	0.26
HYSHGP	14725	The Grapes	1678	1.04
YDLNWT	14865	Willow Tree Lane	1187	0.74
	14723	Tangmere Gardens	1022	0.64
YEADWH	33016	Yeading /White Hart	290	0.18
NTHTSN	14908	Northolt Station	1876	1.17
	16138	Station Parade	1633	1.01
SHARSN	29641	South Harrow Station	786	0.49
HARRBS	R0839	Harrow Bus Station	2660	1.65
Total Route Mileage - Out Direction			17174	10.67
			Metres	Miles

Mileage in red font is a planning estimate & not an ibus calculation.

Mileages in purple font have been calculated using Route Nos. 140 & N140.

Mileage in brown font has been calculated using Route No. H9.

FINAL MILEAGE TO BE CONFIRMED.

w Bus Stn	West London - Elizabeth Line Proposals
New Route	

BACK DIRECTION				
Timing Point				
Code	Stop Number	Stop Name	Metres	Miles
HARRBS	R0842	Harrow Bus Station		
SHARSN	26472	South Harrow Station	2295	1.43
	16139	Station Parade	887	0.55
NTHTSN	18221	Northolt Station	1492	0.93
YEADWH	37263	Yeading / White Hart	2068	1.28
	14724	Dilston Close	505	0.31
YDLNWT	14864	Shakespeare Avenue	999	0.62
HYSHGP	10462	The Grapes	1101	0.68
	BP6122	Hayes Town	1630	1.01
HYSHSN	15979	Hayes and Harlington Station	421	0.26
	16323	Manse Close	2271	1.41
HARNCR	3419	Harlington Corner	801	0.50
HTWABS	OC901	Heathrow Central Bus Station	2256	1.40
Total Route Mileage - Back Direction			16726	10.39
			Metres	Miles

Mileage in blue font has been calculated using Route No. 395.

Mileages in purple font have been calculated using Route Nos. 140 & N140.

FINAL MILEAGE TO BE CONFIRMED.