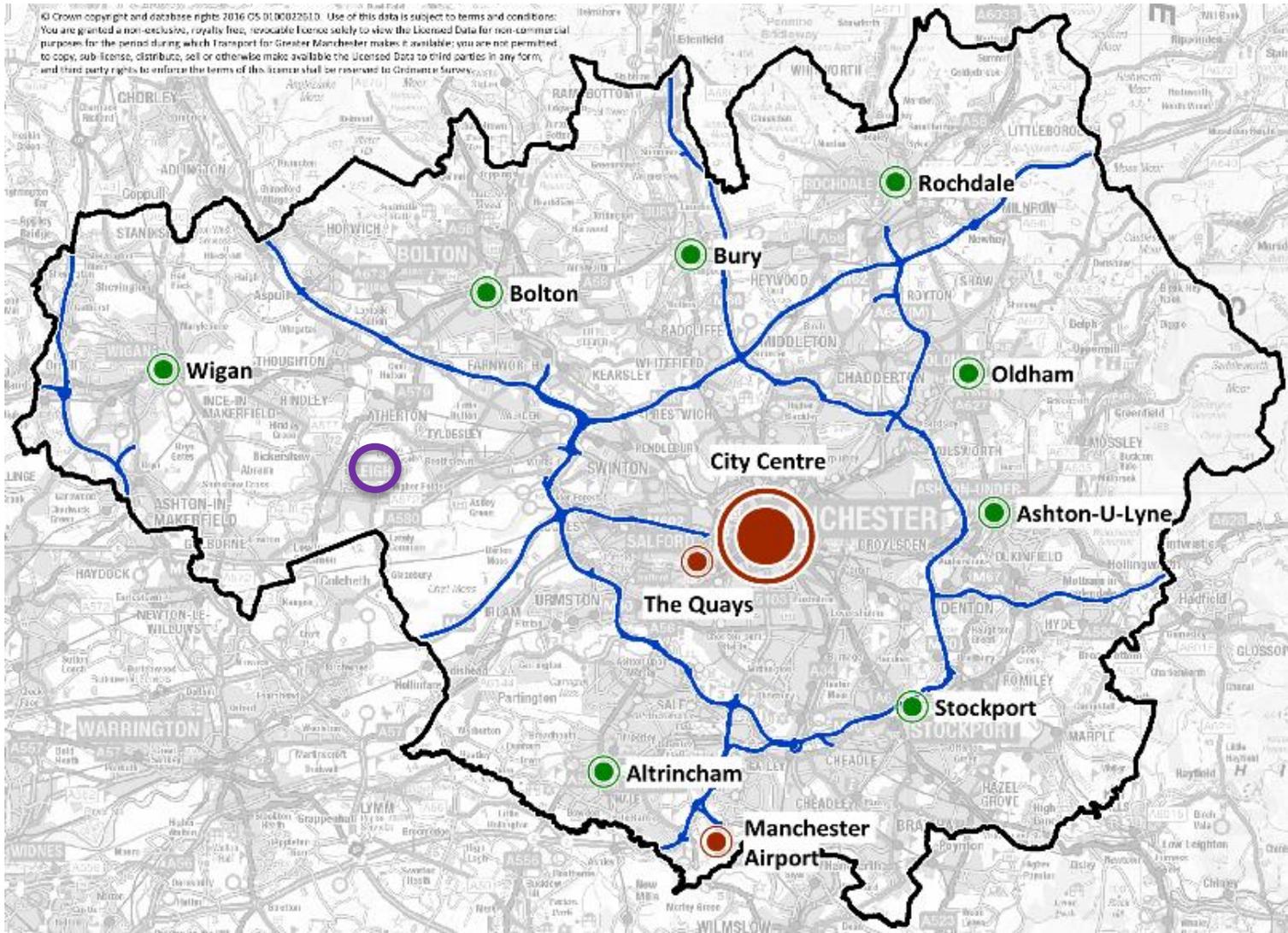


# Innovative infrastructure in Greater Manchester: Challenges and successes

Jon Lamonte  
Transport for Greater Manchester









# Transport for Greater Manchester oversees transport and travel across Greater Manchester

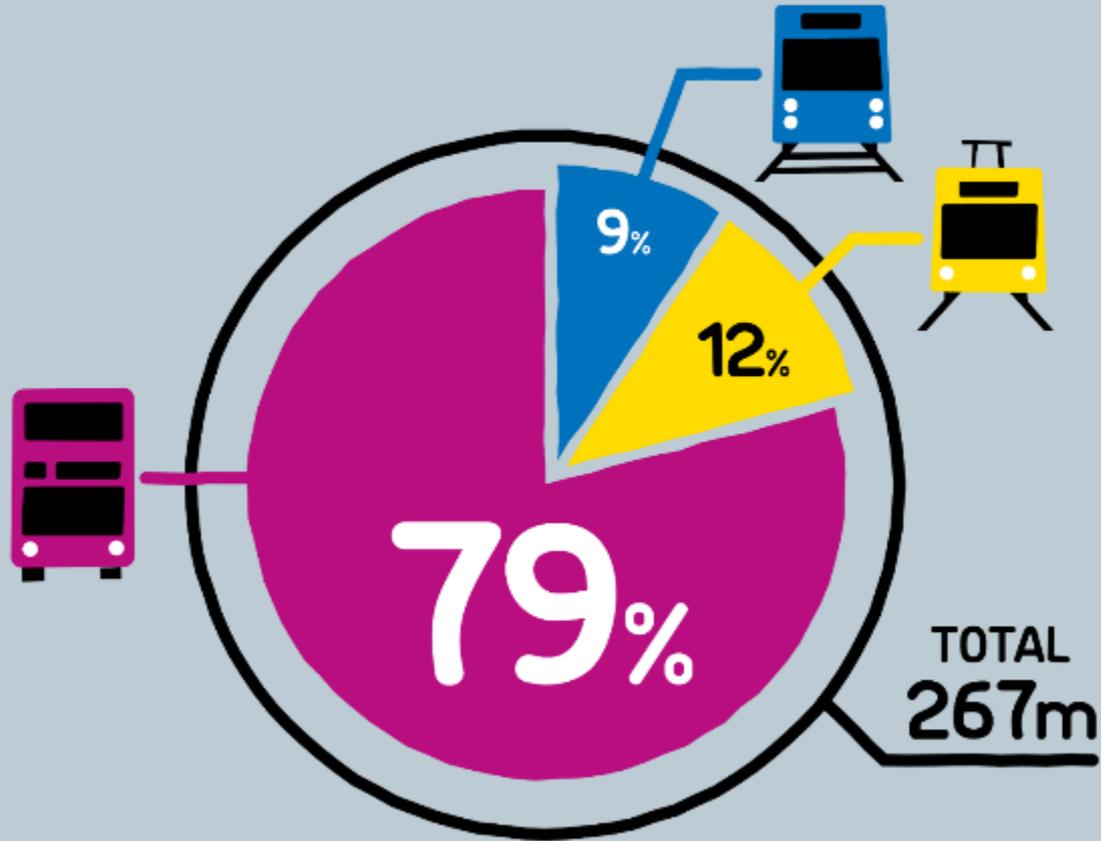
*We are all working to make travel easier*







## Buses are important



(2015)

## What is the Bus Priority Package?

- The £122m scheme is an integrated public transport scheme that comprises the North West's first guided busway, transformational changes to Oxford Road and many more new bus, cycle and pedestrian improvements
  - Over 40 kilometres of key bus routes have either been created or greatly enhanced making the scheme one of the largest investments in Greater Manchester's bus network in decades
  - Improved bus links are now in operation between Leigh, Atherton, Salford, Middleton and Manchester city centre and through to the Oxford Road corridor
-

Key to map

-  Bus routes to be improved
-  Guided busway and bus stop
-  Park and Ride
-  Rail line
-  Metrolink line
-  Metrolink line under construction/  
Second City Crossing

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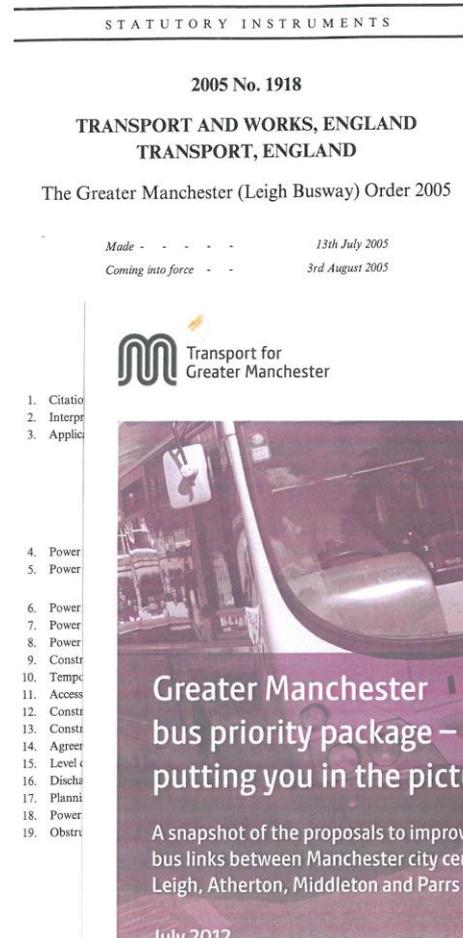
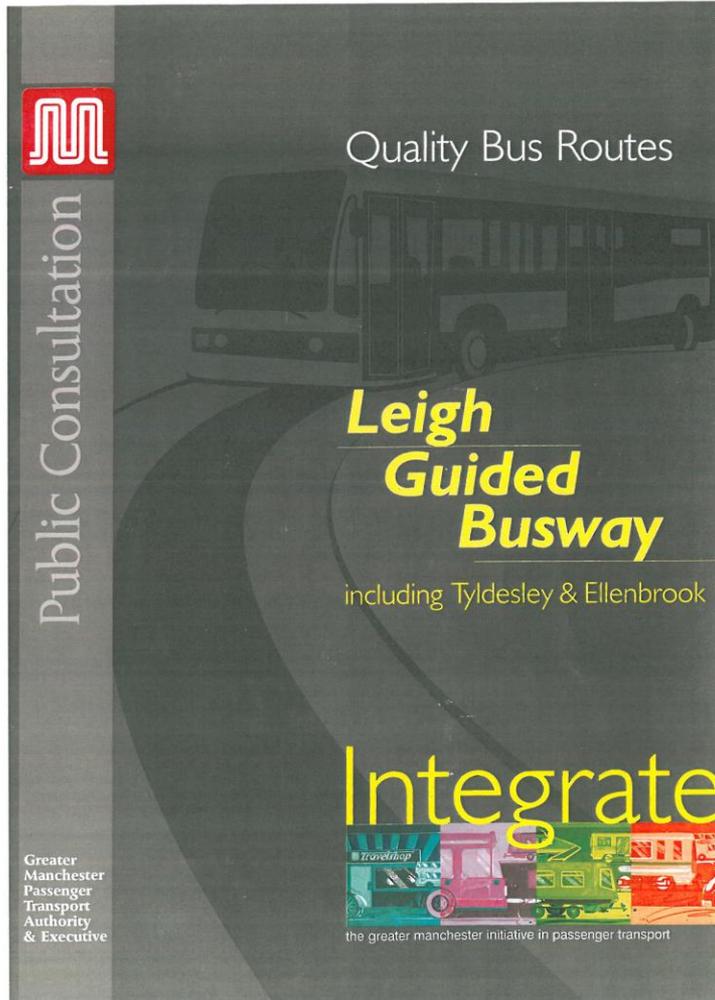
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# The North West's first guided busway



## Leigh to Ellenbrook guided busway

- The 7.5km Leigh to Ellenbrook guided busway opened to passengers in April 2016
  - Passengers in Leigh, Atherton and Tyldesley now enjoy quicker and more reliable journeys through Salford and into Manchester city centre
  - A high quality fleet of 25 specially adapted buses, operated by First, serve the route before joining bus priority measures on the East Lancs Road
  - The guided section comprises seven pairs of bus stops – all be fully accessible, with shelters and CCTV
  - The distinctive Vantage buses carry around 50,000-55,000 passenger journeys each week
  - Within its first 12 months more than 2 million passengers passed through its doors
-



Funding and Approvals and the right solution



Environmental



Earthworks, Utilities and  
Drainage





## What's happening here and when

**Wigan to Tildesley**  
 Wigan to Tildesley bus route is to be replaced by a new busway in 2015. This will allow for a faster service and reduce journey times. The busway will be built on a former railway line and will be a dedicated bus lane. It will be a 1.5 mile long busway with 10 bus stops. It will be a 1.5 mile long busway with 10 bus stops. It will be a 1.5 mile long busway with 10 bus stops.

**Leigh**  
 Leigh busway is to be replaced by a new busway in 2015. This will allow for a faster service and reduce journey times. The busway will be built on a former railway line and will be a dedicated bus lane. It will be a 1.5 mile long busway with 10 bus stops. It will be a 1.5 mile long busway with 10 bus stops.

**Park & Ride**  
 Park & Ride busway is to be replaced by a new busway in 2015. This will allow for a faster service and reduce journey times. The busway will be built on a former railway line and will be a dedicated bus lane. It will be a 1.5 mile long busway with 10 bus stops. It will be a 1.5 mile long busway with 10 bus stops.

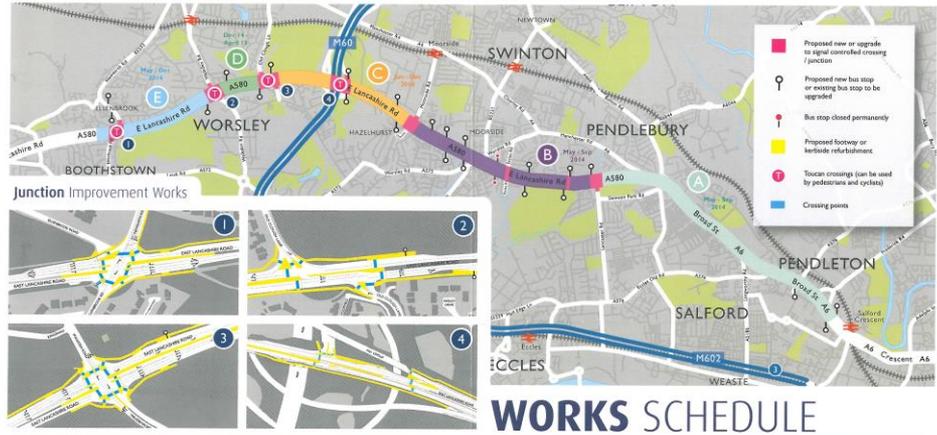
**Leigh to Tildesley**  
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**Manchester New Road and Buschard Road**  
 Manchester New Road and Buschard Road is to be replaced by a new busway in 2015. This will allow for a faster service and reduce journey times. The busway will be built on a former railway line and will be a dedicated bus lane. It will be a 1.5 mile long busway with 10 bus stops. It will be a 1.5 mile long busway with 10 bus stops.

**Manchester City Centre**  
 Manchester City Centre busway is to be replaced by a new busway in 2015. This will allow for a faster service and reduce journey times. The busway will be built on a former railway line and will be a dedicated bus lane. It will be a 1.5 mile long busway with 10 bus stops. It will be a 1.5 mile long busway with 10 bus stops.

**Oldham Street and Dea Road from**  
 Oldham Street and Dea Road from is to be replaced by a new busway in 2015. This will allow for a faster service and reduce journey times. The busway will be built on a former railway line and will be a dedicated bus lane. It will be a 1.5 mile long busway with 10 bus stops. It will be a 1.5 mile long busway with 10 bus stops.



Works Schedule	Location	Details
A	ASBO East Lancashire Road Between Lancaster Road and Flock Road	Works include widening, resurfacing and repaving the road and improving the street lighting and drainage. Utility diversion works will also be required. Estimated to start May 2014 and finish in September 2014. Lane closures may be required on the ASBO Manchester and Liverpool bound to enable pedestrian access.
B	ASBO East Lancashire Road Between Moorside Road and Chaddick Lane	Works include widening, resurfacing and repaving the road as well as resurfacing and repaving the footway. Estimated to start May 2014 and finish in September 2014. Lane closures may be required on the ASBO Manchester and Liverpool bound. Temporary road works and lane closures will be required on the surrounding roads if it is required that the ASBO Manchester will be impacted.
C	ASBO East Lancashire Road Between Old Chough Lane and Moorside Road	Works include widening, resurfacing and repaving the road and improving the street lighting and drainage. Utility diversion works will also be required. Estimated to start May 2014 and finish in September 2014. Lane closures may be required on the ASBO Manchester and Liverpool bound.
D	ASBO East Lancashire Road Between Widdowson Road and Old Chough Lane	Works include widening, resurfacing and repaving the road and improving the street lighting and drainage. Estimated to start December 2014 and finish in April 2015. Lane closures may be required on the ASBO Manchester and Liverpool bound.
E	ASBO East Lancashire Road Between Newbottle Road and Widdowson Road	Works include widening, resurfacing and repaving the road and improving the street lighting and drainage. Estimated to start May 2014 and finish in December 2014. Lane closures may be required on the ASBO Manchester and Liverpool bound. Delays may be subject to change depending on pending utility diversion works.

**Better journeys on the East Lancashire Road (A580)**

Part of the bus priority package to improve transport links between Atherton, Leigh, Salford and Manchester.



In partnership with Salford City Council January 2014

www.tfgm.com

**Transport for Greater Manchester** **Balfour Beatty**

**Guided Busway from Leigh to Ellenbrook**

**News**

**Road Closure – Hough Lane**

From 22 April to 26 September 2014 Hough Lane will be closed from 13 to 14 Hough Lane, with access only between the Sale Lane junction and 11 Hough Lane.

During this period it will be necessary to close Hough Lane to vehicular traffic to allow National Grid to replace the old high pressure gas pipeline located adjacent to Hough Lane Bridge. This will provide them with sufficient space for the works to be carried out and to ensure that safety for the public and staff carrying out the work can be maintained.

These works are crucial to the construction of the guided busway because the current pipe is not suitable for the anticipated busway weight and is currently located too high within the proposed embankment where the busway will be constructed.

In addition to this, as this gas pipeline forms part of the National Grid High Pressure network, these works must be carried out during the summer months when demand for gas is low. **Please be assured that the gas supply for residential properties in the area will remain unaffected by this work.**

Access to individual properties will be maintained for all residents apart from those directly adjacent to the bridge and these residents have been contacted individually to discuss specific requirements.

The road closure will not affect pedestrian access and a footway will be available across the bridge at all times during the work, allowing pedestrians and dismounted cyclists to continue to use the route. The diversion route for traffic will be Sale Lane, Masley Common Road, East Lancashire Road, Chaddick Lane and Manchester Road. Diversion signs will be in place in advance of and during the closure.

Bus diversion routes will also be in operation during this period. Further information can be obtained by visiting [legh.tfgm.com](http://legh.tfgm.com) or visiting [www.tfgm.com/bushighway](http://www.tfgm.com/bushighway).

We apologise for the disruption this will cause and appreciate your patience during these works.

**Protecting Your Environment**

As part of the works to construct the busway, TFGM and Balfour Beatty are undertaking significant environmental improvements to the area. We have constructed purpose built ponds for local wildlife on both sides of the busway route. These will encourage colonisation by various species including the protected Great Crested Newt.

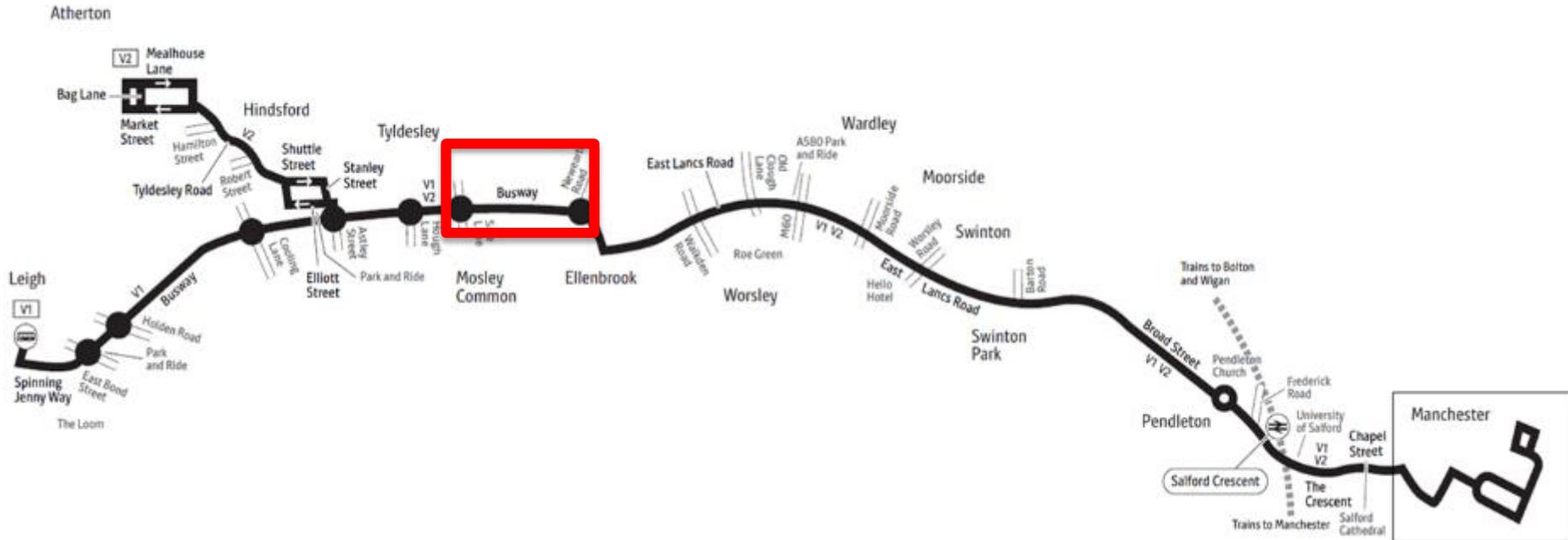
For a number of years before the busway project began, an area of land adjacent to the route, and to the west of Cooling Lane in Tildesley, had become progressively flooded as a result of blocked drainage courses. In order to



# Traffic management and stakeholder /public engagement



# The Busway Route



## The Busway Service - A first class travel experience

The new infrastructure and service provides passengers with a premium journey experience.

The service is operated by First Manchester and all buses feature:

- **‘Next stop’ audio and visual announcements;**
- **CCTV;**
- **Free Wi-fi;**
- **Climate control;**
- **High quality seating; and**
- **low emissions.**



# Busway Service (the first 18 months)



## Feedback since opening - headlines

- Passenger Satisfaction survey carried out in June/July 2016 – **3800 responses**
  - **67% use the guided busway at least once a week.**
  - While the majority of respondents (**73%**) live within one kilometre of the busway, over a quarter are travelling more than that distance to reach it.
  - **98% of customers surveyed within the evaluation were satisfied** with their overall journey. This is a significant increase upon both the baseline (85%) and the wider GM BPS score (82%).
-

## Service levels and performance (18 months in)

- **4 buses per hour** to/from Leigh and Atherton respectively – merging to form **8 per hour** between Tyldesley and Central Manchester Hospital via city centre
  - Journey times **consistently 50 mins** to/from the Regional Centre
  - Around **50,000-55,000 passengers per week** now carried, having increased from 28,000 at service launch.
  - First year patronage – over 2.1 million passengers. 2017/18 – forecast to increase.
  - Particularly **high rate of use by concessionary and leisure travellers**. Saturday patronage is especially strong.
  - **Fares are standard First network fares allowing the service to be branded as a ‘premium service at everyday prices’.**
-



## We've now delivered:

- **The Leigh to Ellenbrook guided busway** – a 7.5km bus only section that serves the communities of Leigh, Tyldesley and Ellenbrook
  - **Town centre improvements** – investment in towns such as Atherton and Tyldesley have benefitted the local community
  - **Bus priority measures on the A580 East Lancs Road** – buses leave the guided busway and join additional bus priority measures through Salford
  - **Manchester city centre improvements** – measures introduced on key routes, including Portland Street and Princess Street
  - **The transformation of Oxford Road** – one of Europe's busiest bus routes now benefits from revolutionary changes to improve bus, cycling and pedestrian facilities
-

## Benefits include:

- **Shorter journey times** with more **punctual** and **reliable** bus services
  - A better passenger experience for **tens of thousands of people** each week
  - More passengers can now get to their destination in a **single bus journey**
  - **Increased access to employment** opportunities across Greater Manchester
  - **Better connectivity** to key education, healthcare and leisure facilities including, *University of Manchester, Manchester Metropolitan University, Central Manchester Hospitals and Royal Northern College of Music*
  - **Improved links** to wider public transport network including rail and **Metrolink**
  - **Flagship cycling** and **pedestrian** facilities
  - **Investment along the routes** and corridors in towns and communities
  - **Improved residential appeal** in communities served by the scheme
-



Thank you

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