

## #LeedsTransport - Scheme Summary

**Park and Ride Improvements:** Park & Ride is an important element of the emerging Transport Strategy for Leeds. Park & Ride is good for the city economy and the environment as it reduces parking in the city centre and also helps to reduce congestion and improve the city's air quality by reducing the number of cars entering the city centre.

- **The Elland Road Park and Ride**, delivered in partnership with WYCA, is already proving very popular, with a second phase implemented creating a total of 800 spaces and a temporary overflow of an additional 60 spaces and is currently averaging 4000 parked cars per week and considering a further expansion of an additional 250-300 spaces.
- **Temple Green** - A further 1000 spaces has now opened at Temple Green in the Aire Valley Enterprise Zone, this is already seeing success with on average 2500 parked cars per week.
- Building on the success of these first two Park and rides with nearly 2000 spaces provided, a further 2000 more Park and ride spaces are to be created with a new site opening at **Stourton Park and Ride** in 2019 and the exploration of a **North of City Park and Ride** site.

### Bus network Improvements:

- A new **Leeds High Frequency Bus Network** – over 90% of core bus services (on main bus corridors) will run every 10 minutes between 7am and 8pm.
- **1000 upgraded existing bus stops** with real time information (RTI) information displays at bus stops in communities throughout Leeds together with up to the minute travel information on mobile devices and new ways to pay for travel. The current total of Leeds bus stops are 4476, of those there are 428 with Real Time Information.
- **Bus 18** - Bus 18 is a programme of short term initiatives being developed jointly by WYCA and the bus operators to benefit bus passengers. As part of Bus 18, and following feedback from customers, WYCA has changed the layout of timetable displays at bus stops and shelters. The new displays include clearer information, bus operator branding and, on larger displays, schematic maps. Bus 18 includes a raft of pledges that will make bus travel better, with the ultimate aim of encouraging more people to use the bus.
  - **To make buses easy to use**
  - **To reduce emissions**
  - **To improve customer satisfaction and passenger experience.**
- **Transport Hubs** -£8m capital funding to deliver new or upgraded existing facilities to improve the waiting environment and the travel information offer across the district. This will work to improve onward connectivity by bus from and to the City Centre as well as between other district centres.
- **Connecting Communities** -£5m capital funding to improve the bus service offer across Leeds communities where the commercial bus network does not operate to provide sufficient coverage.



- **City centre bus gateways** - Simplifying the road layouts to reduce congestion, upgrading the pedestrian environment, improving signage and legibility and redesigning stop infrastructure is proposed at the following key gateway locations: The Headrow; Infirmary Street / Park Row; Vicar Lane (Corn Exchange) / Boar Lane / Lower Briggate
- **New CCTV contracts:** WYCA has let a new contract to manage and replace all its CCTV installations across West Yorkshire. The new system will be digital and fibre (rather than analogue) and will provide higher quality live camera feeds and improved evidence gathering facilities. The system will also allow WYCA to provide WIFI for customers in the bus stations.
- **Leeds City Bus Station Exit Works:** Highway improvement works have been undertaken along St Peter Street and to the existing bus station exit. The completed works provide improved exit arrangements for buses, better journey times for passengers and an improved controlled pedestrian crossing and route to the bus station and city centre. Improved access arrangements are also provided for coaches using the coach station.
- **Senior Travel Passes:** To make it easier for people to order new Passes or renew their existing ones, West Yorkshire Combined Authority has introduced online applications but can still apply for Senior Passes at Bus Station Travel Centres.

**New bus provision:** Bus operators in Leeds have been investing in new, cleaner, vehicles for their services that improve the customer offer. Many now come with audio and/or visual next stop announcements, have free Wi-Fi, improved seating and USB/wireless charging opportunities. Reallocation of buses within operator's fleets have also seen newer vehicles allocated to routes that serve Leeds. There is also commitments to further improvements to buses over the coming years. With continued network reviews to optimise travel times and serve more communities, along with the creation of fresh travel opportunities through new routes.

- **Arriva** - 37 new buses to replace older vehicles have been introduced onto routes into Leeds (some with audio & visual next stop announcements). Newer buses allocated to other routes into Leeds as a result.
- **Yorkshire Tiger** - New buses to replace older vehicles have been introduced for the Airport services (737/747 services) linking Leeds, Bradford and Harrogate.
- **Transdev** – Replacement of old buses with new/newer vehicles on their services into Leeds, some with visual and audio next stop announcements. Network expansion has seen new travel opportunities introduced.
- Additional investment of £71m by **First group** to provide **284 brand new, comfortable, and environmentally clean buses with free wi-fi and contact-less payments** USB charge points, Next Stop audio visual announcements, extra comfort seating and a new striking livery which will achieve close to a 90% reduction in NOx emissions by 2020. A recent tour of the new demonstration bus was launched on the 29<sup>th</sup> September which travelled throughout the Leeds District and into all 10 Community Committee areas. The first 34 buses (out of 284) arrive in December with the remaining buses by 2020. The first communities to benefit will be those using the routes 1 Beeston – Leeds – Holt Park & 6 Leeds - Holt Park.
- **Access Bus:** Grant funding from the Department for Transport is being used to fit the older Access Bus vehicles in Bradford, Leeds and Wakefield with catalytic convertors to bring their emissions down to the equivalent of Euro 6 standards. Later this year the buses will also be refurbished inside and out, with improvements including electronic destination blinds and CCTV.



**Rail and Station Improvements:** there has been a substantial growth in rail travel in recent years and the industry is now planning for further growth into the future. This is reflected in the requirements for the new franchises which require the provision of additional capacity for travel into and out of Leeds during the peak periods. Rail commuters into Leeds will benefit from a 52% increase in the number of seats in the morning peak on TransPennine Express trains, and a 40% increase in the number of passengers that can be carried on Northern trains by the end of 2019<sup>[1]</sup>. This is equivalent to capacity for an additional 13,000 passengers – a 50% increase above current (Autumn 2015) levels<sup>[2]</sup>. This will be rolled out over a number of years with the Dec 2017 timetable bringing additional capacity for some 2,200 passengers.

This will deliver over 500 new-build carriages, including brand new high spec 125mph intercity bi-mode trains (that run on both diesel and electric) for TransPennine Express, and a mix of new electric and diesel units for Northern. The Pacer units currently in use on the Northern network will be completely phased out by 2020. Trains will be longer with more seats, particularly on the most crowded routes into the North's largest cities. Northern stations will be improved, with at least £30 million of investment across the franchise.

## New Stations

- Leeds rail growth package with the recent opening of two new stations at **Kirkstall Forge** opened in (19.06.16) and **Apperley Bridge** (13.12.15) with associated car parks providing a new park and rail option, and unlocking the development of new homes and jobs. Monitoring and evaluation work is being carried out to assess the performance of Kirkstall Forge and Apperley Bridge rail stations. The work includes household surveys to determine if commuters have changed their travel behaviour and rail platform surveys to gather information on reasons for travel, and how the journey was made prior to the stations opening.
- Development of **three new rail stations** for key development and economic hubs serving Leeds Bradford Airport, Thorpe Park and White Rose.
  - A parkway station serving Leeds Bradford Airport providing a rail link for airport passengers, supporting employment growth surrounding the airport and providing strategic park & ride for the city and surrounding districts.
  - A new station at Millshaw to improve connectivity to the employment area around the White Rose retail centre.
  - A new station at Thorpe Park, linked to employment and housing growth areas with a park & ride facility.

## Station Improvements

- **Rail Station Car Park Expansions:** Work has started on a £32m programme of car park extensions at a number of rail stations throughout West Yorkshire, using land owned by Network Rail or local authorities. Increased car parking capacity will enhance accessibility to the rail network and support sustainable employment growth in the main urban centres. The car parks will provide: additional standard and blue badge parking bays, CCTV, lighting, drainage and future proofing for Electric Vehicle (EV) charging points. Stations included in the programme are as followed in Leeds: Guiseley, Morley, Outwood.
- Car park expansion is also proposed at **New Pudsey** from 452 existing spaces with an additional number of spaces to be defined but likely to double capacity.



## New and Refurbished Trains

- **Pacer trains** (over 30 years old) will be withdrawn from service by 2020. A fleet of 98 new trains and 243 upgraded trains across the Northern franchise area will be provided by 2020.
- **Northern Connect** is Northern Rail's brand name for a group of specific routes which will run on the longer journeys in the franchise from December 2019. The investment and improvements will include: new / improved services from Leeds to York, Bradford, Wakefield, Sheffield and Nottingham; 12 new and upgraded services, most hourly; Over 90% operated with new trains; 36 Connect Stations with consistent, higher standards;
- **Northern** recently launched their tenth refurbished train as part of an ongoing refurbishment programme. Refurbished trains have a new interior including new floor coverings, repainted carriages and new seating; they are fully accessible and have free Wi-Fi. New LED lighting has also been fitted, and refurbished toilets include improved baby changing facilities.
- **TransPennine Express (TPE)** have also launched a phased refurbishment programme, with two newly refurbished 185 trains now operating on the network, with further refurbished trains to be added to the network on average every ten days. The upgrades include new seats throughout, leather seats in first class, standard plug and USB sockets at every pair of seats in standard and first class, as well as bigger tables to allow more space for laptops and other devices. Free high speed Wi-Fi will also be available. Additionally between 2018 and 2020, TPE will introduce three new train fleets, including enabling existing class 185 trains to be increased from three to six carriages incrementally.

## Strategic Rail network

- **HS2** is the catalyst for accelerating and elevating the Leeds City Region's position as an internationally recognised place of vitality, connecting the North and creating an inclusive, dynamic economy, accessible to all. In July 2017 the Department for Transport reaffirmed its support for HS2 Phase 2b and confirmed the preferred route for the full Y network – the Eastern Leg to Leeds and the Western Leg to Manchester. This enables preparations for the third HS2 hybrid Bill, which is intended to go to Parliament in autumn 2019 and will enable construction to commence in 2023 with train services to Leeds and Manchester commencing in 2033.
- **Leeds Station** is one of the most important pieces of transport infrastructure in the country, and one of the busiest train stations. With proposals for HS2, HS3 and rail growth, a masterplan is helping to guide this future development representing £500 million including
  - Station Campus, including a centre for new commercial, residential and leisure activity, and 3m sq.ft. of new commercial and retail space within the station district.
  - Multiple entrances including Northern and South Bank entrances
  - Common Concourse – to ensure a seamless interchange between HS2 and the current station, a new shared common concourse is proposed.
  - Neville Street will be pedestrianised (potential for mass transit route),
  - Dark Arches are transformed into new retail leisure spaces



- The **southern entrance to Leeds Station** opened early 2016 (03.01.16) supports Leeds ambition to double the size of the City Centre by regenerating the Southbank.
- **Northern Powerhouse Rail (NPR)** or also referred to as HS3 is a major strategic rail programme developing a new east-west rail link (Transport for the North (TfN)). NPR is designed to transform the northern economy and meet the needs of people and business through improved connectivity between the key economic centres of the North. The programme promises radical changes in service patterns, and target journey times and includes commitments to a Trans Pennine Route and Calder Valley Line upgrades. The next phase of NPR work will focus on the overall NPR network, with a preferred network “shape” expected to emerge in around February 2018.
- **Calder Valley Line:** The Calder Valley line is a two-track railway line running from Manchester Victoria to Leeds, connecting Preston, Blackburn, Accrington and Burnley with Halifax, Bradford and Leeds via Hebden Bridge. Over the coming years a series of improvements will be delivered on the Calder Valley line to reduce journey times and improve connectivity and commuter travel services between the key towns and cities. Improvements include upgrades to the tracks and signalling system of the line and the new station at Low Moor, which opened in April 2017.

#### Active Travel – Cycle and Walking improvements:

- LPTIP initiative will involve improvements to key public transport corridors (A58 north-east, A6, north and south, A647 and A660), improving provision for pedestrians and cyclists along these corridors.
- A programme of **20 mph speed limits** around schools aims to improve child safety and provide opportunities for children to travel actively.
- **City Connect Cycle Superhighway.** See [City Connect website](#): West Yorkshire Combined Authority is working with Leeds and other Local Authority partners across the district to deliver the CityConnect programme. It will bring about increased levels of cycling and walking through improvements to infrastructure and activity to enable more people to access to a bike. The Phase 1 schemes in Leeds include; Leeds & Bradford Cycle Superhighway; Kirkstall Shipley Canal Towpath upgrade; Increased cycle parking; Leeds Community Cycle Hub and Activity Centre.
- A programme of monitoring and evaluation supports the programme and is ongoing. Automatic Cycle Counters have been installed at points across the route and over 400,000 trips by bike have been recorded since opening.
- The second phase of the CityConnect cycle superhighway project in Leeds includes 7km of superhighway to the North and South of Leeds City Centre; the delivery of works within the City Centre which comprise of extensions of the superhighway routes into the city from the west and east, links to the emerging education quarter in the south of the city and the first sections of a cycle loop around the city at Wellington /Northern Street. It is expected works will commence in late October with completion by the end of 2018. Plans and further details can be found at [www.cyclecityconnect.co.uk/Leedscitycentre](http://www.cyclecityconnect.co.uk/Leedscitycentre)



- The programme is also supported by a Comms and Engagement project, which encourages and enables people to make journeys by bike or on foot. Working with schools, businesses and communities, there have been over 16,000 engagements made through the project. Nine schools have so far signed up to the Bike Friendly Schools project, which launched in March 2017, including Pudsey Primrose Hill and Stanningley Primary. These schools are benefitting from cycle training as well improved cycle storage. 62 businesses are currently engaged in the Bike Friendly Business programme, with 14 accredited so far. In November 2017, a community grants scheme was launched aimed at helping groups in communities deliver activity to promote getting to work and training through active means.



- Recent **segregated cycle facilities** have started to be used on other routes, for example on Kirkstall Road and Regent Street.
- £3.2m to introduce segregated provision for cyclists on the **outer ring road** between (A61) Alwoodley and (A58) Whinmoor.
- **Cycling Starts Here** cycling strategy, ambitious plans for a comprehensive Core Cycle network, including up to 6 cycle superhighways and a network of on street and 'green' routes – Also drafting a Local Cycling and Walking Infrastructure Plan which will identify routes and improvements.
- **Public bike share** scheme proposals under exploration.

**Major New Roads:**

- **East Leeds Orbital Road:** will connect the Outer Ring Road at Red Hall around the east side of Leeds joining a new Manston Lane Link Road (MLLR) and connecting through Thorpe Park into junction 46 of the M1 motorway. ELOR will be a 7.5km dual carriageway which will provide the capacity to support increased traffic from allocated development in the East Leeds Extension (ELE) and vehicular access into the development areas as well reducing the impact of traffic growth on the existing highway network. The package of improvements will cost £116 million, to be funded by the West Yorkshire Plus Transport Fund and by housing developments in the East Leeds Extension.



- **A65-Airport-A658 Link Road and wider connectivity:** Improving access to Leeds Bradford Airport and enhancing transport choices in north-west Leeds. This scheme is part of a long-term development vision which includes a proposed new railway station and rail park and ride serving the airport, the proposed airport employment hub, junction upgrades (including Dyneley Arms) and new pedestrian/cycle connections. The airport is of significant importance to the Leeds City Region economy, contributing over £100million a year, and is one of the fastest-growing airports in the UK. The current 3.3 million passengers per year are predicted to rise to 9 million by 2050. To support the future growth of the airport and to address current congestion issues, three highway improvement options were put forward for consultation in 2016 and are being developed ready for a further proposed consultation. The scheme will be funded primarily through the West Yorkshire Plus Transport Fund managed by WYCA.

### Leeds City Centre / South Bank

- **The Leeds City Centre package:** funded by the West Yorkshire plus Transport fund is a transformational scheme to support the growth of Leeds city centre and the associated regeneration of the South Bank. The scheme is also a crucial element to ensuring that Leeds is HS2 ready, through the creation of a world class gateway at City Square. The scope encompasses changes to the city centre highway network and includes changes in the South Bank area of the city, the M621 and the Inner Ring Road. The proposals include an improvement and upgrade at Armley (to cater for traffic diverted from city square), and additional capacity on the M621. The proposals also include the removal of through traffic from City Square.
- **Clay Pit Lane** - Junction redesign at Merrion Way, providing improved facilities for pedestrians and cyclists, including the filling in of a pedestrian subway.
- **Northern Street/Whitehall Rd:** Junction works, tunnel strengthening, S278 works associated with developments. The scheme includes enhanced facilities for cyclists and pedestrians and improvements to the general layout.
- **A58 Inner Ring Road Tunnels:** Given the strategic importance of the IRR with significant and costly repairs, a long term strategy is required.

### Local pinch point schemes

- Orbital improvement signalisation schemes at Thornbury, Rodley and Horsforth to tackle congestion and improve cycle and pedestrian accessibility and safety.

### Strategic junction and corridor improvements

- **A6110 South Ring Road Schemes:** Junction, corridor improvements.
- **Corridors improvement programme:** area wide approach to providing low and medium cost highway interventions applied comprehensively across a range of key strategic highway corridors at Dawsons Corner, Dyneley Arms, Fink Hill, and along the A653 Leeds - Dewsbury Corridor.



- Dawsons Corner: is a key strategic node on the Leeds road network and work is underway to deliver a fully remodelled and enlarged signalised junction, which provides:
  - More capacity on each approach arm
  - Enhanced at-grade cycle facilities for the Leeds-Bradford Cycle Superhighway
  - Landscaping and other “green streets” features.
  - Pedestrian crossing facilities and footways to provide better connections with New Pudsey station.

#### Aire Valley

- Highways improvements to access development areas in the Leeds City Region.

#### Air Quality

- **Leeds Clean Air Zone** - Modelling work in preparedness for DEFRA potentially introducing CAZ to Leeds.