

North West Electrification. North of England Programme

Hannah Lomas 7th June 2016

Passenger benefits



- £1bn+ investment in the north enabling hundreds more trains to run each day and providing space for millions more passengers a year
- Quicker journey times
- Paving the way for new modern electric trains to run on the route
- Improved reliability – a better journey

Outputs summary

Northern Hub

- ▶ Additional capacity on key radial routes and in the centre of Manchester to accommodate growth
- ▶ Journey time improvements on radial routes into Manchester

NW Electrification

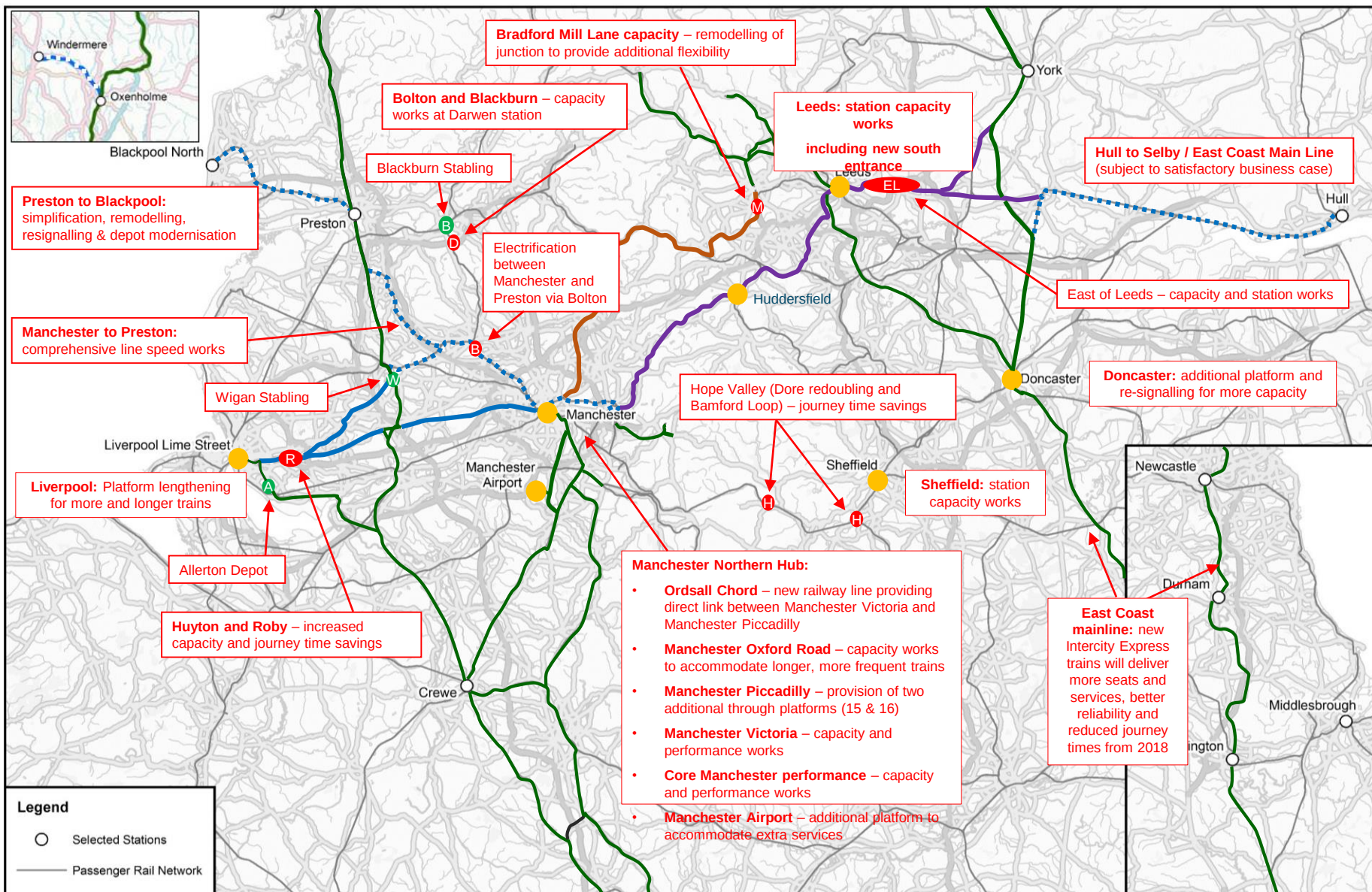
- ▶ Electrification between Blackpool and Stalybridge
- ▶ Depot works at Allerton, Blackpool, Wigan and Blackburn

(NB Manchester – Liverpool & Huyton – Wigan electrification already completed)

Liverpool Lime Street

- ▶ Capacity enhancement to accommodate more and longer trains

Current rail upgrades planned in the North of England



Existing overhead electrification

North Trans Pennine Electrification (east of Stalybridge) –

Delivery of electrification, capacity, improved performance and new services and vehicle fleet.

Rochdale and Calder Valley journey time improvements

Newly electrified track

New electrification to be delivered

Contains Ordnance Survey data © Crown Copyright and database right 2014
Department for Transport gisu1415j110

Major station works

Capacity or journey time works

Depots, stabling or route clearance works

A better railway for a better Britain.

v0.4 – 11/11/2015

North of England – Passenger Services

Working with the successful operators for the Northern and TransPennine franchises and others to deliver significant improvements in train services across the region.

These changes will facilitate the growth of the northern economy through:

- Connecting businesses across the north of England
- Getting people to work in the major cities
- Connecting to international markets



Electrifying Across the North West



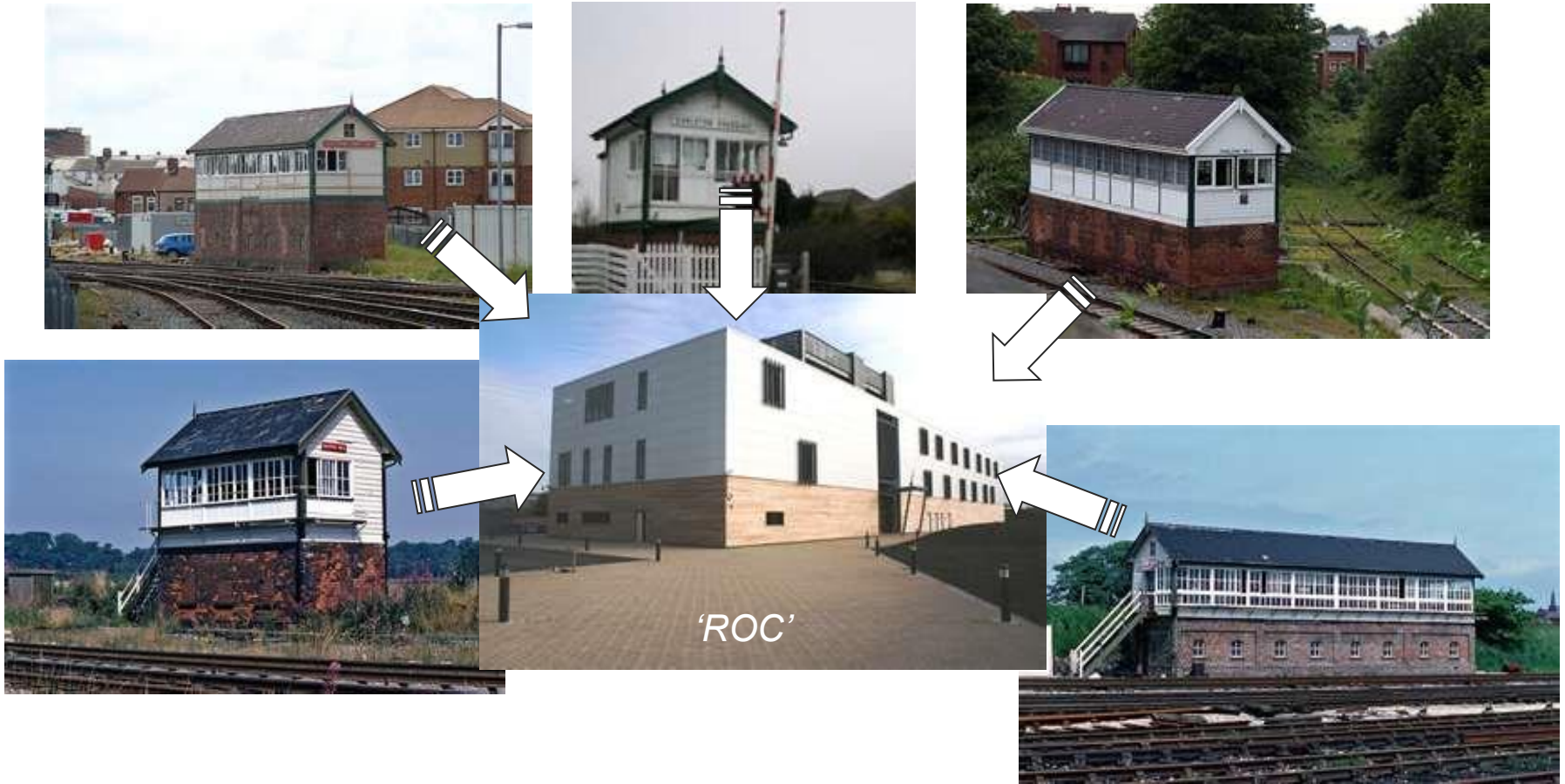
- 
- A photograph of overhead power lines for a railway, showing metal poles, cross-arms, and insulators against a cloudy sky. The image is split vertically, with the left side being a darker, more dramatic shot and the right side being a brighter, clearer shot.
- Manchester to Liverpool and Wigan. Completed May 2015
 - Manchester to Preston (Dec 2017) and Blackpool (Easter 2018)
 - Manchester to Stalybridge (Dec 2017)
 - Oxenholme to Windermere
 - Wigan to Lostock

Phase 3 – Preston to Blackpool

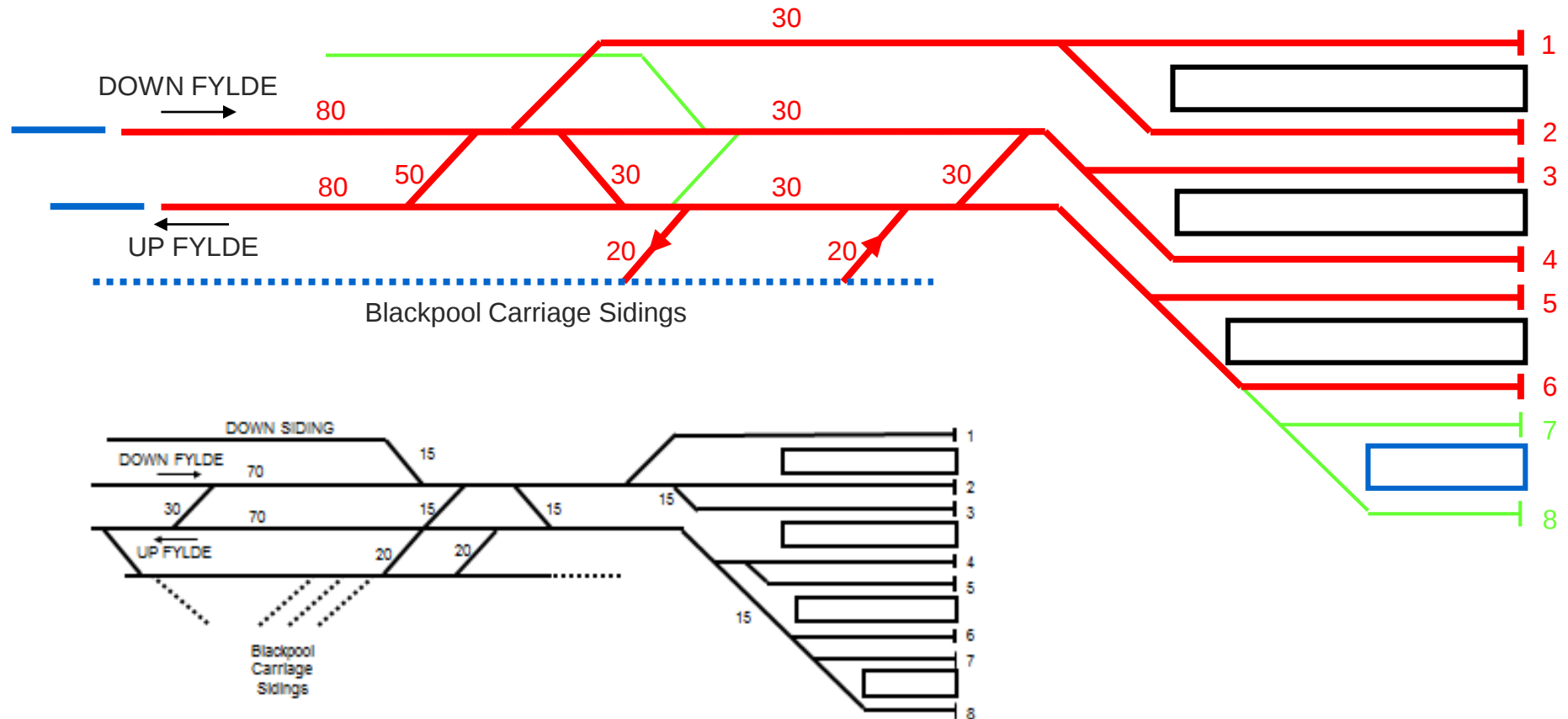
Key Outputs:

- ❑ Electrification Preston Fylde Jcn to Blackpool North.
- ❑ Re-signalling of Blackpool North.
- ❑ Re-modelling of Blackpool North Station
- ❑ Re-modelling of Kirkham Station Area.
- ❑ Recontrol and Abolition of Blackpool No.2, Poulton, Carleton Crossing, Kirkham North and Salwick signal boxes
- ❑ Resignalling Blackpool South Route.
- ❑ Electrification and remodelling of Blackpool Depot

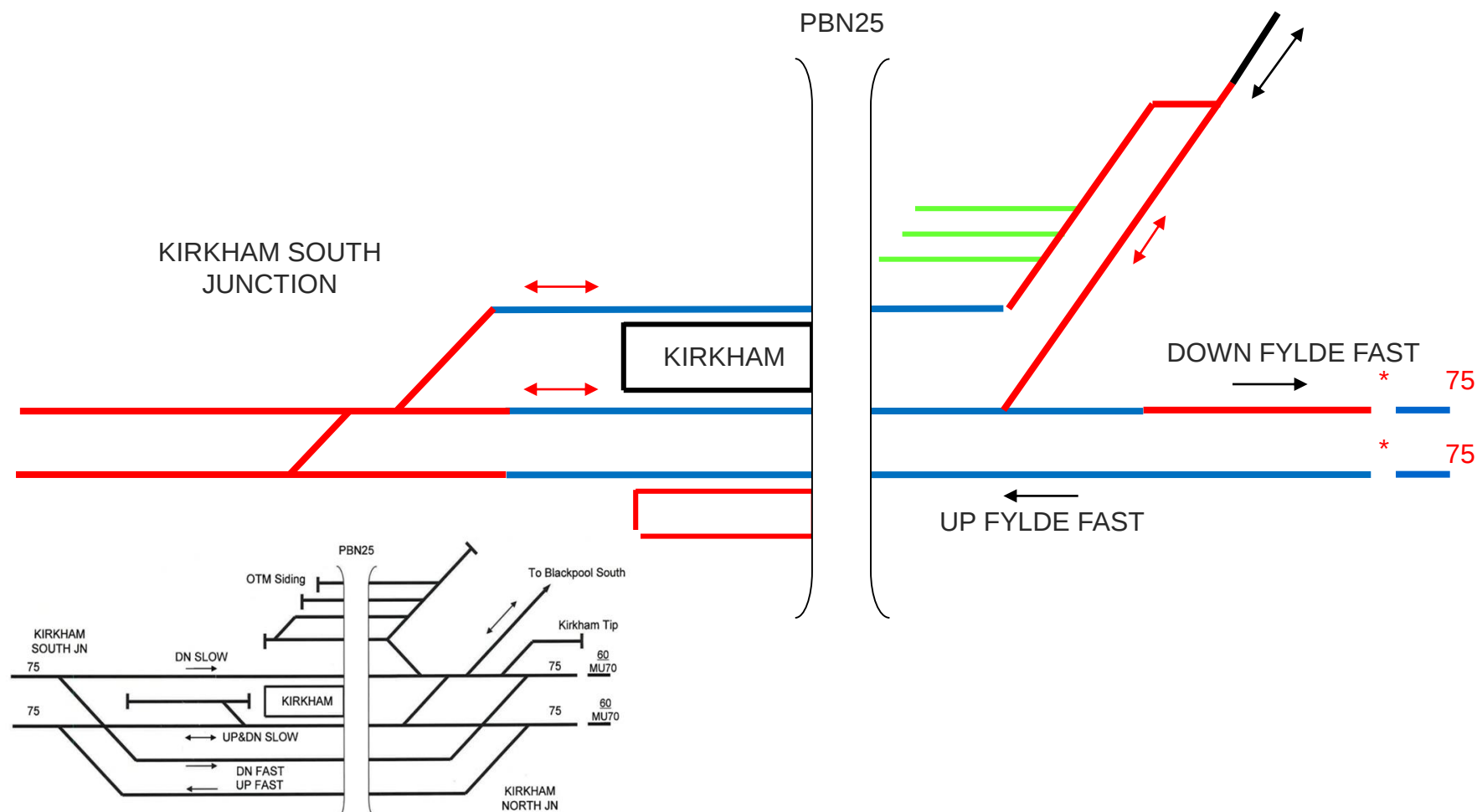
Phase 3 - Blackpool Line Upgrade



Blackpool North: Remodelled



Kirkham: Remodelled



Phase 4 – Preston to Manchester

- ❑ Electrification Euxton Junction to Manchester Victoria
- ❑ Re-instatement of Platform 5 at Bolton
- ❑ Re-modelling layout at Bolton Station
- ❑ Implementation of Linespeed improvements along route
- ❑ Significant engineering works to Farnworth Tunnel
- ❑ Level crossing closures / footbridge installations
- ❑ Chorley Station



Phase 5 – Manchester to Stalybridge

- ❑ Electrification Manchester Victoria to Stalybridge / Stalybridge to Guidebridge.
- ❑ Electrification of Stalybridge to Guidebridge
- ❑ Installation of a new grid supply point at Stalybridge
- ❑ Re-signalling and Recontrol of Ashton Moss Signal Box area
- ❑ Implementation of Linespeed Improvements
- ❑ Closure of 3 level crossings
- ❑ Installation of 2 x public footbridges

Other Schemes (Oxenholme to Windermere & Lostock Junction to Wigan NW / Depots)

- ❑ Electrification Oxenholme to Windermere
- ❑ Electrification of Lostock to Wigan North Western
- ❑ New Depots at Allerton / Wigan and Blackburn
- ❑ Temporary Depot Facilities at Preston and Leyland
- ❑ Platform Extensions across the North West
- ❑ Route clearance for Electric Rolling Stock

