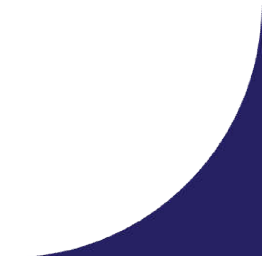




December 2017 Timetable Stakeholder Consultation

Contents

1. The consultation process
2. Approach to, and summary of, December 17 timetable development
3. The changes in more detail
4. Boxing Day services
5. The Preston – Blackpool blockade



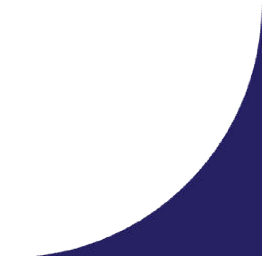
This consultation

- Through this consultation we are inviting comments about the new and altered services we are introducing in December 2017 as the first phase of Northern's transformation of its timetable.
- This consultation has been timed to allow us to reflect the responses in our formal timetable submission to Network Rail in March.
- This consultation covers the timetable which will run from December 2017 until May 2018.
- We are planning much more substantial changes for the May 2018 timetable. We will consult these separately later this year and we look forward to working with our stakeholders to develop a timetable that drives growth and prosperity across our region



Our approach to December 17 development

- Exploits benefits of electrification through deployment of electric trains delivering improved running times
- Redeploys cascaded diesel trains to provide benefits across the north
- Introduces a new service over the Ordsall Chord ultimately linking Manchester Victoria, Oxford Road, Piccadilly and Manchester Airport
- Introduces additional services on a handful of routes where:
 - self-contained changes can be made without affecting other services
 - changes will not be reversed or significantly altered in May 18



Transformation of train services across the north

- The December 2017 timetable marks the start of a phased programme of benefits to be delivered to customers as part of Northern Programmes.
- The Northern Programmes will transform rail transport in the north delivering more trains with more spaces to more towns and cities.
- From December 2017 there will be improved services, including electric trains with more space for customers running between Manchester and Preston via Bolton.
- Further service improvements are planned for the May 2018 timetable change.



December 2017 changes – a summary

The changes in December will realise the customer benefits of new infrastructure delivered as part of Network Rail's extensive Northern Programmes which includes:

- Electrification of the Bolton Corridor between Manchester and Preston
- Introduction of the Ordsall Chord which provides a direct link between Manchester Victoria and Manchester Airport



Electrification of the Bolton Corridor allows electric rolling stock to be used on this route for the first time. This in turn allows the displaced diesel trains to be used elsewhere across our network providing opportunities to introduce new and enhanced services.

December 2017 changes – a summary

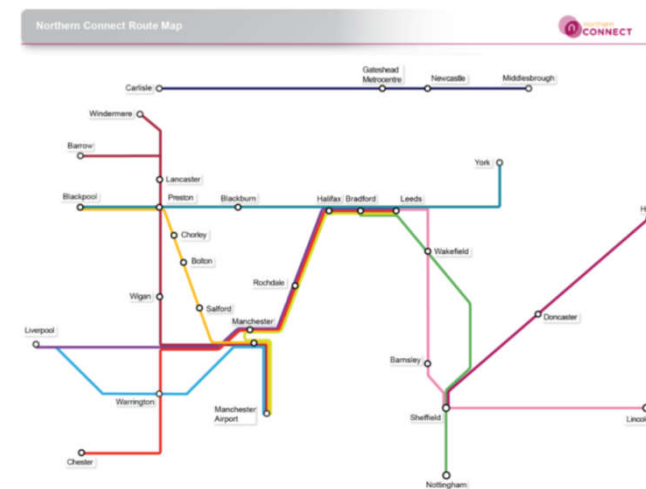
- Faster journey times and higher capacity electric rolling stock on Bolton corridor services
- ‘Cascade’ of diesel rolling stock to enable service enhancements elsewhere, including:
 - Hourly West Yorkshire – Manchester Oxford Road
 - Hourly Bishop Auckland – Darlington
 - Two service per hour between Sheffield, Worksop and Retford
 - Improved journey times between Sheffield and Lincoln
 - 4 tph Harrogate – Leeds
- We will also introduce enhancements to Sunday services on a number of routes.



A Stepping stone to May 18 and beyond

The changes we will introduce in December 17 are the first steps on the road to the full transformation of Northern's trains service:

- May 18 – electrification of the Bolton corridor, capacity improvements between Manchester Victoria and Stalybridge together with the arrival of more rolling stock will enable the introduction of significant, further enhancements.
- December 18 – the phased introduction of new build rolling stock will commence during the December 18 timetable
- December 19 – Northern Connect will create a new network of longer distance, faster services meeting the needs of passengers right across the offering better customer service, on-board facilities and seat reservations.



Throughout the process we will work with Network Rail, and other operators to provide the best possible service connections at key nodes by December 2019.

December 2017 changes – in detail

Leeds – Bradford – Manchester Oxford Road (via new Ordsall Chord)

Making use of the newly opened Ordsall Chord we will introduce an hourly, off-peak service between Leeds and Bradford to Manchester Oxford Road. This service represents a stepping stone to the May 2018 timetable change where that service will be extended through central Manchester and onto the Airport.

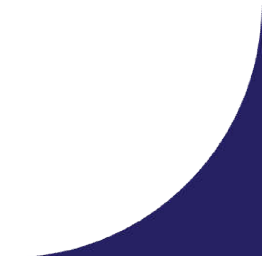
Summary

One service per hour to/from Bradford Interchange and Leeds via Calder Valley is extended to/from Manchester Oxford Road.

A small number of peak additional services between Rochdale and Manchester Victoria.

In westbound direction the xx:18 from Leeds (xx:41 from Bradford Interchange) extends to Manchester Oxford Road

In eastbound direction an xx:38 starts at Manchester Oxford Road, departing Manchester Victoria xx:48 and arriving in Bradford Interchange at xx:46 and Leeds at xx:10.



December 2017 changes – in detail

Timetable Extract: Leeds – Bradford – Manchester Oxford Road (via new Ordsall Chord)

Train ID	2M06	2U26	2M42	2F81	2M08	2U28	2M44	2F87	2M10	2U30	2M46	2F83
Departs				11.20				12.20				13.20
From				BBN				BBN				BBN
Leeds	10.18	10.26	10.51	..	11.18	11.26	11.51	..	12.18	12.26	12.51	..
Bramley	10.26	....	10.59	....	11.26	....	11.59	....	12.26	....	12.59	....
New Pudsey	10.30	..	11.03	..	11.30	..	12.03	..	12.30	..	13.03	..
Bradford Interchange	10.41	..	11.14	..	11.41	..	12.14	..	12.41	..	13.14	..
Halifax	10.54	....	11.27	....	11.54	....	12.27	....	12.54	....	13.27	....
Cottingley	..	..	..	..	..	..	..	..	..	..	..	..
Morley	....	10.34	....	....	....	11.34	....	....	....	12.34	....	....
Batley	..	10.39	..	..	..	11.39	..	..	..	12.39	..	..
Dewsbury	....	10.42	....	....	....	11.42	....	....	....	12.42	....	....
Mirfield	..	10.48	..	..	..	11.48	..	..	..	12.48	..	..
Brighouse	....	10.59	....	....	....	11.59	....	....	....	12.59	....	....
Sowerby Bridge	..	11.08	11.33	..	..	12.08	12.33	..	..	13.08	13.33	..
Mytholmroyd	....	11.14	11.39	....	....	12.14	12.39	....	....	13.14	13.39	....
Hebden Bridge	11.06	11.17	11.42	..	12.06	12.17	12.42	..	13.06	13.17	13.42	..
Todmorden	11.13	11.24	11.50	11.56	12.14	12.24	12.50	12.56	13.13	13.24	13.50	13.56
Walsden	..	11.28	..	..	..	12.28	..	..	..	13.28	..	..
Littleborough	....	11.34	....	12.03	....	12.34	....	13.03	....	13.34	....	14.03
Smithy Bridge	..	11.37	..	12.06	..	12.37	..	13.06	..	13.37	..	14.06
Rochdale	11.24	11.41	12.00	12.10	12.25	12.41	13.00	13.10	13.24	13.41	14.00	14.10
Castleton	..	11.45	..	12.14	..	12.45	..	13.14	..	13.45	..	14.14
Mills Hill	....	11.50	....	12.19	....	12.50	....	13.19	....	13.50	....	14.19
Moston	..	11.54	..	..	..	12.54	..	..	..	13.54	..	..
Manchester Victoria	11.42	12.03	12.17	12.31	12.40	13.03	13.17	13.31	13.40	14.03	14.17	14.31
Manchester Oxford Road	11.55	..	..	..	12.55	..	..	..	13.55	..	..	..
To				WWG				WWG				WWG
Arrives				13.13				14.13				15.13

December 2017 changes – in detail

Timetable Extract: Leeds – Bradford – Manchester Oxford Road (via new Ordsall Chord)

Train ID	2E43	2U23	2E07	2J66 09.44 KKBY	2E45	2U25	2E09	2J68 10.44 KKBY	2E47	2U27	2E11	2J60 11.44 KKBY
Departs From												
Manchester Oxford Road	..	..	10.38	..	..	..	11.38	..	..	..	12.38	..
Manchester Victoria	10.16	10.26	10.48	10.56	11.16	11.26	11.48	11.56	12.16	12.26	12.48	12.56
Moston	..	10.33	..	..	..	11.33	..	..	..	12.33	..	..
Mills Hill	....	10.38	....	11.06	....	11.38	....	12.06	....	12.38	....	13.06
Castleton	..	10.43	..	11.11	..	11.43	..	12.11	..	12.43	..	13.11
Rochdale	10.30	10.47	11.02	11.15	11.31	11.47	12.02	12.15	12.30	12.47	13.02	13.15
Smithy Bridge	..	10.51	..	11.19	..	11.51	..	12.19	..	12.51	..	13.19
Littleborough	....	10.55	....	11.23	....	11.55	....	12.23	....	12.55	....	13.23
Walsden	..	11.01	..	..	..	12.01	..	..	..	13.01	..	..
Todmorden	10.40	11.04	11.12	11.30	11.41	12.04	12.12	12.30	12.40	13.04	13.12	13.30
Hebden Bridge	10.48	11.11	11.20	..	11.49	12.11	12.20	..	12.48	13.11	13.20	..
Mytholmroyd	10.51	11.14	....	....	11.52	12.14	....	....	12.52	13.14	....	....
Sowerby Bridge	10.57	11.20	..	..	11.58	12.20	..	..	12.58	13.20	..	..
Brighouse	....	11.29	....	....	....	12.29	....	....	....	13.29	....	....
Mirfield	..	11.36	..	..	..	12.36	..	..	..	13.36	..	..
Dewsbury	....	11.41	....	....	....	12.41	....	....	....	13.41	....	....
Batley	..	11.44	..	..	..	12.44	..	..	..	13.44	..	..
Morley	....	11.50	....	....	....	12.50	....	....	....	13.50	....	....
Cottingley	..	11.54	..	..	..	12.54	..	..	..	13.54	..	..
Halifax	11.06	....	11.33	....	12.06	....	12.33	....	13.06	....	13.33	....
Bradford Interchange	11.19	..	11.46	..	12.19	..	12.46	..	13.19	..	13.46	..
New Pudsey	11.30	..	11.57	..	12.30	..	12.57	..	13.30	..	13.57	..
Bramley	11.34	....	12.01	....	12.34	....	13.01	....	13.34	....	14.01	....
Leeds	11.43	12.03	12.10	..	12.43	13.03	13.10	..	13.44	14.03	14.10	..
To				BBN				BBN				BBN
Arrives				12.12				13.11				14.11

December 2017 changes – in detail

Darlington – Bishop Auckland

We will double the existing frequency introducing an hourly Bishop Auckland – Darlington service.

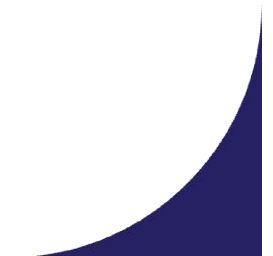
Summary

Hourly stopping service between Saltburn and Bishop Auckland throughout the day

Services depart Darlington towards Bishop Auckland at (broadly) xx:54.

Services depart Bishop Auckland towards Darlington at (broadly) xx:25

Broad pattern of service is the same throughout the 7 days.



December 2017 changes – in detail

Timetable Extract: Darlington – Bishop Auckland

Train ID	2D15	2D19	2D21	2D23	2D25	2D27
Saltburn	10.30	10.57	11.30	11.57	12.30	12.57
Marske	10.34	11.01	11.34	12.01	12.34	13.01
Longbeck	10.37	11.04	11.37	12.04	12.37	13.04
Redcar East	10.40	11.07	11.40	12.07	12.40	13.07
Redcar Central	10.43	11.10	11.43	12.10	12.43	13.10
British Steel Redcar	....	....	....	....	....	....
South Bank	10.50	..	11.50	..	12.50	..
Middlesbrough	10.55	11.20	11.56	12.20	12.55	13.20
Middlesbrough	10.55	11.21	11.57	12.21	12.55	13.21
Thornaby	11.00	11.26	12.02	12.26	13.00	13.26
Eaglescliffe	11.06	11.32	12.08	12.31	13.06	13.31
Allens West	11.08	11.34	12.11	12.34	13.08	13.34
Tees-side Airport	..	..	..	..	..	..
Dinsdale	11.15	11.41	12.17	12.40	13.15	13.40
Darlington	11.26	11.50	12.26	12.52	13.26	13.51
Darlington	....	11.52	....	12.54	....	13.52
North Road	..	11.55	..	12.57	..	13.55
Heighington	....	12.03	....	13.05	....	14.03
Newton Aycliffe	..	12.06	..	13.08	..	14.06
Shildon	....	12.11	....	13.13	....	14.11
Bishop Auckland	..	12.16	..	13.20	..	14.16

Train ID	2D24	2D26	2D28	2D30	2D34	2D36
Bishop Auckland	..	10.26	..	11.25	..	12.26
Shildon	....	10.31	....	11.30	....	12.31
Newton Aycliffe	..	10.36	..	11.35	..	12.36
Heighington	....	10.39	....	11.38	....	12.40
North Road	..	10.48	..	11.47	..	12.48
Darlington	....	10.51	....	11.51	....	12.51
Darlington	10.32	10.53	11.32	11.53	12.32	12.53
Dinsdale	10.37	10.58	11.37	11.58	12.37	12.58
Tees-side Airport	..	..	..	..	..	..
Allens West	10.44	11.05	11.44	12.05	12.44	13.05
Eaglescliffe	10.46	11.07	11.46	12.08	12.46	13.07
Thornaby	10.52	11.13	11.52	12.14	12.52	13.15
Middlesbrough	10.58	11.19	11.58	12.19	12.58	13.21
Middlesbrough	10.59	11.21	11.59	12.21	12.59	13.22
South Bank	..	11.25	..	12.25	..	13.26
British Steel Redcar	....	....	....	....	....	....
Redcar Central	11.09	11.33	12.09	12.33	13.09	13.34
Redcar East	11.12	11.35	12.12	12.35	13.12	13.36
Longbeck	11.16	11.39	12.16	12.39	13.16	13.40
Marske	11.17	11.41	12.17	12.41	13.17	13.42
Saltburn	11.26	11.49	12.26	12.49	13.26	13.49

December 2017 changes – in detail

Sheffield – Retford - Lincoln

In introducing a twice hourly service and thereby doubling the frequency between Sheffield and Retford we are able to adjust the calling patterns to provide a faster service between Sheffield and Lincoln.

Summary

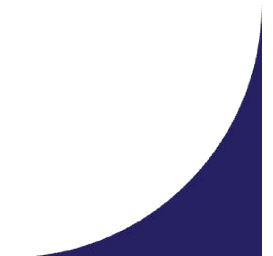
Services depart Sheffield at (broadly) xx:28 and xx:44.

xx:28 calls all stations to Retford.

xx:44 fast to Worksop then calls Retford, Gainsborough Lea Road, Saxilby and Lincoln Central.

Journey time between Sheffield and Lincoln of xx:44 proposed to be 1hr 13 minutes

Equivalent pattern in opposite direction.



December 2017 changes – in detail

Timetable Extract: Sheffield – Retford - Lincoln

Train ID	2H17	2P63	2H19	2P65	2H21	2P67	Train ID	2H16	2R13	2H18	2R15	2H20	2P21
Departs		09.19		10.19		11.19	Lincoln Central	....	10.36	....	11.36	....	12.36
From		SCU		SCU		SCU	Saxilby	..	10.45	..	11.45	..	12.45
Meadowhall	..	10.33	..	11.33	..	12.33	Gainsboro' Lea Rd	....	10.57	....	11.57	....	12.57
Sheffield	10.28	10.44	11.28	11.44	12.28	12.44	Retford	10.31	11.12	11.31	12.12	12.31	13.12
Darnall	10.33	..	11.33	..	12.33	..	Worksop	10.41	11.24	11.41	12.24	12.41	13.24
Woodhouse	10.39	....	11.39	....	12.39	....	Shireoaks	10.46	..	11.46	..	12.46	..
Kiveton Bridge	10.45	..	11.45	..	12.45	..	Kiveton Park	10.51	....	11.51	....	12.51	....
Kiveton Park	10.49	....	11.49	....	12.49	....	Kiveton Bridge	10.55	..	11.55	..	12.55	..
Shireoaks	10.54	..	11.54	..	12.54	..	Woodhouse	11.01	....	12.01	....	13.01	....
Worksop	10.59	11.06	11.59	12.06	12.59	13.06	Darnall	11.06	..	12.06	..	13.06	..
Retford	11.09	11.17	12.09	12.17	13.09	13.17	Sheffield	11.15	11.48	12.15	12.48	13.15	13.48
Gainsboro' Lea Rd	....	11.32	....	12.32	....	13.32	Meadowhall	..	11.59	..	12.59	..	..
Saxilby	..	11.44	..	12.44	..	13.44	To		ADW		ADW		
Lincoln Central	....	11.57	....	12.57	....	13.57	Arrives		12.43		13.42		

December 2017 changes – in detail

Harrogate line

Our December 2017 timetable will see a doubling of service on the route between Harrogate and Leeds.

Summary

Additional two trains per hour between Leeds and Harrogate in both directions.

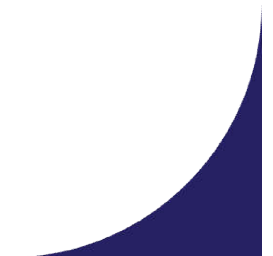
Pattern of service from Harrogate: xx:02, xx:15, xx:32, xx:45

xx:02 and xx:32 call Horsforth only with journey time of around 30 minutes.

Pattern of service from Leeds: xx:14, xx:29, xx:44, xx:59.

xx:14 and xx:44 call Horsforth only with journey time of around 30 minutes

Some peak variations.



December 2017 changes – in detail

Timetable Extract: Harrogate line

Train ID	2Z12	2C19	2Z14	2C21	2Z16	2C23	2Z18	2C25	2Z20	2C27	2Z22	2C29
York	10.11	..	..	..	11.11	..	..	..	12.11
Poppleton	10.16	....	....	....	11.16	....	....	....	12.16
Hammerton	10.24	..	..	..	11.24	..	..	..	12.24
Cattal	10.27	....	....	....	11.27	....	....	....	12.27
Knaresborough	10.35	..	..	..	11.35	..	..	..	12.35
Knaresborough	10.06	....	10.36	....	11.06	....	11.36	....	12.06	....	12.36
Starbeck	..	10.09	..	10.39	..	11.09	..	11.39	..	12.09	..	12.39
Harrogate	10.14	....	10.44	....	11.14	....	11.44	....	12.14	....	12.44
Harrogate	10.02	10.15	10.32	10.45	11.02	11.15	11.32	11.45	12.02	12.15	12.32	12.45
Hornbeam Park	10.18	....	10.48	....	11.18	....	11.48	....	12.18	....	12.48
Pannal	..	10.23	..	10.53	..	11.23	..	11.53	..	12.23	..	12.53
Weeton	10.28	....	10.58	....	11.28	....	11.58	....	12.28	....	12.58
Horsforth	10.18	10.37	10.48	11.07	11.18	11.37	11.48	12.07	12.18	12.37	12.48	13.07
Headingley	10.41	....	11.11	....	11.41	....	12.11	....	12.41	....	13.11
Burley Park	..	10.44	..	11.14	..	11.44	..	12.14	..	12.44	..	13.14
Leeds	10.30	10.52	11.01	11.22	11.30	11.52	12.01	12.22	12.30	12.52	13.01	13.22
Train ID	2Z11	2C22	2Z13	2C24	2Z15	2C26	2Z17	2C28	2Z19	2C30	2Z21	2C32
Leeds	10.14	10.29	10.44	10.59	11.14	11.29	11.44	11.59	12.14	12.29	12.44	12.59
Burley Park	10.34	....	11.04	....	11.34	....	12.04	....	12.34	....	13.04
Headingley	..	10.37	..	11.07	..	11.37	..	12.07	..	12.37	..	13.07
Horsforth	10.23	10.42	10.53	11.12	11.23	11.42	11.53	12.12	12.23	12.42	12.53	13.12
Weeton	..	10.50	..	11.20	..	11.50	..	12.20	..	12.50	..	13.20
Pannal	10.56	....	11.26	....	11.56	....	12.26	....	12.56	....	13.26
Hornbeam Park	..	11.01	..	11.31	..	12.01	..	12.31	..	13.01	..	13.31
Harrogate	10.42	11.04	11.12	11.34	11.42	12.04	12.12	12.34	12.42	13.04	13.12	13.34
Harrogate	..	11.06	..	11.36	..	12.06	..	12.36	..	13.06	..	13.36
Starbeck	11.10	....	11.40	....	12.10	....	12.40	....	13.10	....	13.40
Knaresborough	..	11.15	..	11.47	..	12.15	..	12.47	..	13.15	..	13.47
Knaresborough	11.15	....	....	....	12.15	....	....	....	13.15	....	....
Cattal	..	11.24	..	..	..	12.24	..	..	..	13.24	..	..
Hammerton	11.28	....	....	....	12.28	....	....	....	13.28	....	....
Poppleton	..	11.36	..	..	..	12.36	..	..	..	13.36	..	..
York	11.44	....	....	....	12.45	....	....	....	13.44	....	....

December 2017 changes – Sundays

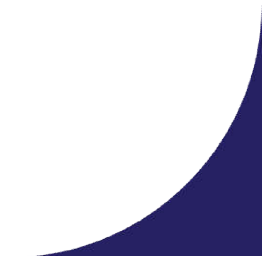
We propose to introduce or enhance Sunday services on the following routes.

- **Morpeth – Newcastle**
provision of a local service for Manors and Cramlington as well as more services to/from Morpeth, most of which will operate from/to Metrocentre
- **Newcastle - Carlisle**
the hours of operation will be extended meaning an additional two extra trains in each direction will operate. We will also introduce a more standardised pattern of calls at stations between Hexham and Carlisle.
- **Bishop Auckland – Darlington**
provision of an hourly service, most of which will operate to/from Middlesbrough and Saltburn
- **Middlesbrough - Whitby**
a year round provision of a (broadly) hourly service between Middlesbrough and Nunthorpe in conjunction with 4 trains each way between Middlesbrough and Whitby. Majority of services will operate from/to Newcastle via Sunderland. We are currently planning that the Sunday service will continue, without a break from the end of the Summer season 2017.



December 2017 changes – Sundays

- **Skipton / Ilkley – Bradford FS**
Increase to an hourly service
- **Knaresborough/Harrogate – Leeds**
provision of a half-hourly service Leeds – Knaresborough 1000 to 2000, with earlier travel opportunities into Leeds and York
- **Lincoln – Sheffield**
provision of an hourly service Sheffield – Lincoln from 0840 to 2120, including morning travel opportunity into Sheffield and Meadowhall
- **Wigan – Manchester**
provision of two services per hour via Atherton 0900 to 1800 and a new hourly evening service until 2200
- **Wigan – Liverpool**
provision of a half-hourly service Wigan – Liverpool from 0930 to 1900
- **Preston – Colne**
provision of an hourly service Blackpool South (when line reopens in March) – Preston – Colne 0900 to 2000



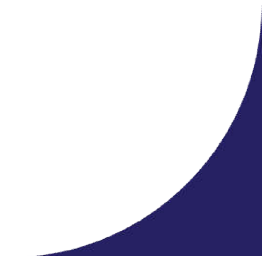
Boxing Day services

Northern is reviewing opportunities to operate services on Boxing Day.

Traditionally this has not been viable due to the costs of route opening, and in particular the costs of opening multiple signal boxes along a line of route.

As Network Rail signalling control becomes more centralised there may be new opportunities.

We would welcome suggestions from Stakeholders together with supporting evidence and justification to inform development of options.



Works between Preston and Blackpool

Between November 2017 and March 2018 the route to Blackpool North is closed with replacement road transport provided. This is to undertake electrification works on the route.

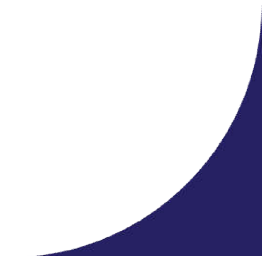
The block is in two phases:

1. From **11/11/2017** to **26/01/2018** there will be no train services from either Blackpool North or Blackpool South through to Preston.
2. From **27/01/2018** to **25/03/2018** a train service will operate from Blackpool South to Preston. The line between Blackpool North and Kirkham and Wesham will remain blocked.

From **26/03/2018** the full route will be re-opened, but will only be available for diesel services.

For the period between 11th November 2017 and 19th May 2018, through services to Manchester Airport will not operate.

From **20/05/2018** the route will be energised and will be served by electric trains, enabling the restoration of through services to Liverpool and Manchester.



DISCUSSION

