



# Transport for the North Transport for the North Board Agenda

<b>Date of Meeting</b>	<b>Thursday 14 January 2021</b>
<b>Time of Meeting</b>	<b>11.15 am</b>
<b>Venue</b>	<b>Virtual</b>

<b>Item No.</b>	<b>Agenda Item</b>	<b>Page</b>
<b>1.0</b>	<b>Welcome &amp; Apologies</b>  The Chairman to welcome members to the meeting.	
<b>2.0</b>	<b>Declarations of Interest</b>  Members are required to declare any personal, prejudicial or disclosable pecuniary interest they may have relating to items on the agenda and state the nature of such interest.	
<b>3.0</b>	<b>Minutes of the Previous Meeting</b>  To consider the approval and signature of the minutes of the meeting held on 18 November 2020 as a correct record and to consider any requests for updates on matters contained therein.	3 - 6
<b>4.0</b>	<b>Rail Needs Assessment</b>  Members are asked to consider the report from the Interim Strategy and Programme Director.	7 - 18
<b>5.0</b>	<b>TransPennine Tunnel M6-A1 Corridor Statutory Advice</b>  Members are asked to consider the report from the Major Roads Director.	19 - 26
<b>6.0</b>	<b>Any Business Which the Chair is Satisfied is Urgent</b>  Any business which the Chair is satisfied is urgent by reason of special circumstances pursuant to section 100B 4 (b) of the Local Government Act 1972.	

<p><b>7.0</b></p>	<p><b>Exclusion of Press and Public</b></p> <p>To resolve that the public be excluded from the meeting during consideration of Items 8, 9 and 10 on the grounds that:</p> <p>(1) It is likely, in view of the nature of the business to be transacted or the nature of the proceedings, that if members of the public were present during such item(s), confidential information as defined in S100A(2) of the Local Government Act 1972 (as amended) would be disclosed to them in breach of the obligation of confidence; and/or</p> <p>(2) it / they involve(s) the likely disclosure of exempt information as set out in the Paragraphs [where necessary listed below] of Schedule 12A of the Local Government Act 1972 (as amended) and that the public interest in maintaining the exemption outweighs the public interest in disclosing the information.</p>	
<p><b>8.0</b></p>	<p><b>Part 2 Minutes of the Previous Meeting</b></p> <p>To consider the approval and signature of the Part 2 minutes of the meeting held on 18 November 2020 as a correct record and to consider any requests for updates on matters contained therein.</p>	<p>27 - 34</p>
<p><b>9.0</b></p>	<p><b>Northern Powerhouse Rail Delivery Model</b></p> <p>Members are asked to consider the report from the Northern Powerhouse Rail Director.</p>	<p>35 - 54</p>
<p><b>10.0</b></p>	<p><b>Northern Powerhouse Rail Strategic Outline Case Version 3 Update</b></p> <p>Members are asked to consider the report from the Northern Powerhouse Rail Director.</p>	<p>55 - 62</p>

# Transport for the North Board Minutes

**Wednesday 18 November 2020**  
**MS Teams**

**Present:**

John Cridland (Chairman)

**Attendee**

Cllr Phil Riley  
Cllr Lynn Williams  
Cllr Craig Browne  
Cllr Gittins  
Cllr Keith Little  
Mayor Andy Burnham

Cllr Gary Wareing  
Cllr Michael Green  
Mayor Steve Rotheram  
Cllr Carl Marshall  
Cllr Stewart Swinburn  
Cllr Richard Hannigan  
Cllr Nick Forbes  
Mayor Dan Jarvis  
Cllr Heather Scott  
Cllr Hans Mundry  
Cllr Judith Blake  
Cllr Andy D'Agorne

**Local Authority**

Blackburn with Darwen;  
Blackpool;  
Cheshire East;  
Cheshire West & Chester;  
Cumbria;  
Greater Manchester Combined  
Authority;  
Hull;  
Lancashire;  
Liverpool City Region;  
North East Combined Authority;  
North East Lincolnshire;  
North Lincolnshire;  
North of Tyne Combined Authority;  
Sheffield City Region;  
Tees Valley;  
Warrington;  
West Yorkshire Combined Authority;  
York;

**Rail North Authorities Attendees**

Councillor Trevor Ainsworth  
Councillor Chris Brewis  
Councillor John Ogle

Derbyshire  
Lincolnshire  
Nottinghamshire

**Local Enterprise Partnership (LEP) Attendees**

Steve Curl  
Stephen Parnaby  
Mark Rawstron  
Mark Roberts  
Lucy Winskell  
Matthew Lamb  
Peter Kennan

Cumbria LEP  
Hull & Humber LEP  
Lancashire LEP  
Leeds LEP  
North East LEP  
North Yorkshire LEP  
Sheffield City Region LEP

**Partners in Attendance:**

Jim O'Sullivan	Highways England
Lorna Pimlott	HS2
Sir Peter Hendy	Network Rail
Nick Bisson	DfT
Ben Smith	Department for Transport

**Officers in Attendance:**

<b>Name</b>	<b>Job Title</b>
Barry White	Chief Executive
Gary Rich	Democratic Services Officer
Dawn Madin	Director of Capabilities
Paul Kelly	Finance Controller
Iain Craven	Finance Director
Tim Foster	Head of Economic Advice
Julie Openshaw	Head of Legal
Jeremy Acklam	IST Director
Peter Molyneux	Major Roads Director
Tim Wood	Northern Powerhouse Rail Director
David Hughes	Programme and Strategy Director
David Hoggarth	Strategic Rail Director
Deborah Dimock	Solicitor

**Also in Attendance**

Chris Melling	Chair of the Audit & Governance Committee
---------------	---

**Item No:**

**1. Welcome & Apologies**

- 1.1 The Chairman welcomed Members and apologies were noted. A welcome was extended to new member Lucy Winskell who is representing the North East LEP. Chris Melling of the Chair of the Audit and Governance Committee was also welcomed.
- 1.2 The Chairman noted that Barry White intended to step down from the role of Chief Executive in the new year, and the Chairman, Mayor Burnham, Cllr Gittins and Mark Roberts paid warm tribute to Barry White for his contribution and steadfast services to Transport for the North. Following a discussion on the process for recruitment of a successor, it was concluded that discussions would take place after the meeting to agree a process, to allow timely progress to be made.

**2. Declarations of Interest**

- 2.1 There were no declarations of interest.

### **3. Minutes of the Previous Meeting**

- 3.1 The minutes of the meeting of the Transport for the North Board held on 17 September 2020 were considered.
- 3.2 Cllr Gittins asked for confirmation as to whether the Mid Cheshire Line had been included in the Transport for the North Integrated Rail Plan following Cllr Shore's request during the conversation on it at the last Board meeting.
- 3.3 The Chairman requested that Officers update Cllr Gittins on this query.

#### **Resolved:**

That the minutes of the Transport for the North Board held on 17 September 2020 be approved as a correct record.

### **4. Annual Governance Statement, Statement of Accounts and Audit Opinion 2019/20**

- 4.1 Members received the report from the Finance Controller who highlighted the key parts of the report.

The Finance Controller explained that the statutory deadline of 31 July 2020 for approving the accounts had been extended to 30 November this year due to the pandemic. Whilst TfN had largely finalised its accounts by 31 July, delays to the pension fund audit caused by the pandemic meant that this extension had been utilised. The draft accounts had been scrutinised and approval by the Audit and Governance Committee for submission to the Board for its consideration and approval.

He further explained that the external audit had been conducted remotely and this process had worked well. The external auditors have agreed to provide a clean report from a value for money and accounts perspective.

- 4.2 The Board then received the report of the Audit and Governance Committee from the Chair of the Committee, Chris Melling. He stated that having reviewed the findings of internal audit and the submissions of officers, the Committee can provide assurance to the Board that in the areas reviewed by the Committee, TfN has implemented a sound control framework that appropriately manages risk. He also stated that having reviewed the Statement of Accounts and received representation from officers and external audit, the Committee commends to the Board the Statement of Accounts.
- 4.3 The Chairman thanked the Chair of the Audit and Governance Committee and the Committee Members for the hard work undertaken throughout the year. He also thanked the Finance Controller, the Finance Director and the officer team for all the hard work in preparing the accounts.

**Resolved:**

- 1) That the corporate governance review and the Annual Governance Statement be approved.
- 2) That the Statement of Accounts for 2019/20 be approved.

**5. Year To Date / Budget Revision 2 and Mid-Year Treasury Management Update**

- 5.1 Members received the report from the Finance Director which was taken as read.

**Resolved:**

That the proposed revision 2 budget be approved.

**6. Exclusion of Press and Public**

**Resolved:** That the public be excluded from the meeting during consideration of Items [7 & 8] on the grounds that

- (1) It is likely, in view of the nature of the business to be transacted or the nature of the proceedings, that if members of the public were present during such item(s), confidential information as defined in S100A(2) of the Local Government Act 1972 (as amended) would be disclosed to them in breach of the obligation of confidence; and/or
- (2) it / they involve(s) the likely disclosure of exempt information as set out in the Paragraphs [where necessary listed below] of Schedule 12A of the Local Government Act 1972 (as amended) and that the public interest in maintaining the exemption outweighs the public interest in disclosing the information.

**7. Part 2 Minutes of the Previous Meeting**

- 7.1 The private minutes of the meeting of the Transport for the North Board held on 17 September 2020 were considered.

**Resolved:**

That the private minutes of the Transport for the North Board held on 17 September 2020 be approved as a correct record.

**8. Northern Powerhouse Rail Preferred Way Forward and Phasing**

- 8.1 The report was received by Members and they were invited to ask questions and make comments.

**Resolved:**

- 1) That the report from the NPR Director be noted.
- 2) That the discussed recommendations be agreed.

---

## Transport for the North Board

**Subject:** Integrated Rail Plan and Rail Needs Assessment

**Author:** Tim Foster, Interim Strategy and Programme Director

**Sponsor:** Barry White, Chief Executive

**Meeting Date:** Thursday 14 January 2021

### 1. Purpose of the Report:

- 1.1 To update members on the Rail Needs Assessment published by the National Infrastructure Commission on the 15 December 2020, and to make urgent recommendations to Government about the Integrated Rail Plan.

### 2. Executive Summary:

- 2.1 The NIC's Rail Needs Assessment was published on the 15 December and sets out five options (packages) for how HS2, NPR and other schemes for the Midlands and the North of England might be delivered between 2020 and 2045. The RNA informs the Government's Integrated Rail Plan which is now expected to be published in early 2021.
- 2.2 The RNA makes a clear case for significant rail investment to connect the regional economic centres of the Midlands and the North. However, none of the proposed packages deliver the level of investment needed to close the productivity gap and "level up" the UK. HS2 and NPR are effectively presented as a choice. The consequence is likely to be ongoing underperformance and regional imbalance, with the North not achieving its full economic potential. TfN also has significant concerns about the "adaptive pipeline" approach - which would deter wider investment and act against the network approach at the heart of developing Northern Powerhouse Rail.
- 2.3 The Government's final Integrated Rail Plan should not adopt any of the constrained packages recommended by the NIC. Instead it should consider how NPR and HS2 could be delivered in line with government commitments. With more flexible thinking on funding and a greater focus on integration, the opportunity remains for an affordable, deliverable programme of investment which can accommodate HS2, NPR and the other critical rail investment required to level up the UK.

- 
- 2.4 We recommend the Board discusses the content of this paper and makes immediate representation to government before the IRP is finalised.

### **3. Consideration:**

#### **Background to the publication of the Rail Needs Assessment**

- 3.1 Following the publication of the HS2 Review on 11 February 2020, the Government announced its commitment to HS2 in full and its intention to develop an Integrated Rail Plan for the North and the Midlands by the end of 2020, bringing together NPR, HS2 Phase 2b and other major rail interventions such as TRU. The government has subsequently said that the IRP will be published in early 2021.
- 3.2 The NIC were asked by the government to advise on the appropriate sequencing and delivery of major rail projects in the North and Midlands. The NIC initially conducted a call for evidence to inform a "Rail Needs Assessment" (RNA) to which TfN responded in May and published the proposed methodology for the RNA in an interim report in July.
- 3.3 The TfN Board has previously agreed that the North's requirements from the IRP should be as follows:
- Commitment to investment in the North with HS2 and NPR in full and support for full delivery of TRU outputs including freight, as part of a 25-year programme to transform the North of England's rail network to deliver our economic and environmental objectives.
  - An agreed programme of accelerated investment in both NPR and the conventional network before 2030.
  - The remainder of the NPR network to be completed alongside HS2 Phase 2b, in line with the phasing scenarios agreed at the TfN Board in November.
- 3.4 The TfN position on HS2, NPR and TRU were established in the Strategic Transport Plan adopted in February 2019, were strongly reflected in both the submission to the Oakervee Review in October 2019, as well as in the submission to the NIC's call for evidence. Following the publication of the Oakervee Review in February 2020, the government reconfirmed its commitment to HS2, including both legs of Phase 2b.
- 3.5 The final NIC report on the Rail Needs Assessment was published on the 15 December 2020. It sets out a clear case for rail investment to transform connectivity between the economic centres of the North and the Midlands and confirms that the strongest economic returns are from east-west regional connectivity. The RNA then sets out the

options for government for integrating NPR, Phase 2b and other based on five packages of investment to 2045. The packages comprise:

- A “base case” of completing HS2 West, TRU, Midland Main Line Electrification to Sheffield and a programme of upgrades only, including a £15bn early programme of electrification, digital signalling and other enhancements to ensure the conventional network is better able to work with HS2.
- Two “regional connectivity” packages at +25% and +50% funding, which would add new line and further upgrades for NPR, with HS2 East only between Birmingham and the east midlands. In the +50% Scenario, NPR appears close to the preferred network, including new line Leeds Manchester via central Bradford and a new line to Liverpool via Warrington. The +25% scenario is much more limited and less ambitious in scope.
- Two “long distance” packages, again at +25% and +50% see HS2 East and HS2 West completed largely in full with much more limited east-west investment, focused on upgrading the existing Leeds to Manchester line, and some improvements to the North East and Liverpool.

3.6 The equivalent funding scenarios between 2020 and 2045 are £86bn (baseline), £108bn (base + 25%) and £129bn (base + 50%). All funding scenarios include the costs of HS2 Phase 1 and 2a at circa £40bn.

3.7 Packages in the +50% scenario therefore deliver either most of NPR or most of HS2, and are presented as a “strategic bet” for government, given the industry’s track record in delivering projects to time and budget, and limited public confidence that new lines can be developed. The NIC propose an “adaptive” approach, setting a stable core pipeline of investment, and taking decisions to enhance or add further schemes if:

- The core pipeline is on time and budget;
- Costs and benefits of new schemes are more certain;
- Other investments are being made, for example in skills, development and local transport.

3.8 The NIC also say that there should be a strengthened role for regional bodies in decision making and sponsorship, but no detailed proposals are presented.

#### **4. Implications of the NIC’s assessment**

4.1 As our advice to the Board in September warned, the NICs options have been constrained by the NIC’s fiscal remit established in 2018,

---

their decision to set aside the Government commitment to HS2 in full, and a set of pre-determined funding packages.

- 4.2 What was intended as an integration and sequencing piece of work has instead pitched schemes against each other to fit pre-determined funding envelopes. This has meant the thinking behind, and value of, the rail network as a whole has been missed. NPR in particular has been carefully designed from the outset to be a fully integrated east - west, coast to coast network.
- 4.3 The funding assumptions for HS2 are at the heart of this assessment. The NIC adopted a starting point for HS2 of £46bn of funding, which was the 2018 allowance for HS2 in their National Infrastructure Assessment. This is despite the government committing to HS2 in full in February 2020, post the Oakervee Review, which set out a revised budget of nearly £90bn. This commitment pre-dated the NIC starting their work.
- 4.4 Northern regional investment then becomes the balancing factor, or 'shock absorber' to soak up HS2's increased costs. The Baseline and +25% scenarios both decimate planned investment in the north in order to fully fund HS2 from Euston and Old Oak Common on to Birmingham and Manchester.

The NIC's 2018 assessment, based on their view, allocated £24bn for Northern Powerhouse Rail. Our estimates based on the published document suggest, in order to absorb HS2's increased costs, that:

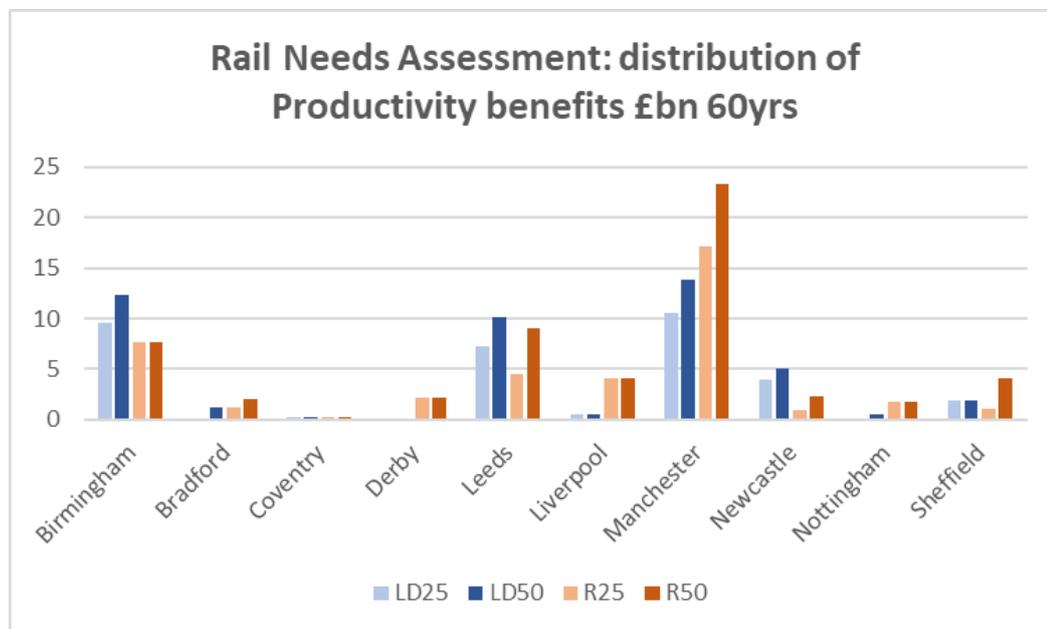
- In the NIC Baseline scenario, the allocation for NPR has been reduced from £24bn to around £5-6bn.
- In the NIC +25% regional scenarios, the NPR network described could represent a budget of around £17-18bn, still significantly below the previous £24bn.

HS2 is a national project that will have national benefits, it therefore needs a national approach to funding, not one reliant on reducing proposed investment in the north.

- 4.5 The result is a significant lowering of ambition for the North than both the government's stated commitments on HS2 and NPR, or indeed the NIC's own "High Speed North" report published in 2016. TfN's internal analysis suggests that no packages can deliver the preferred NPR network in full, and in scenarios where HS2 is delivered in full, the investment in NPR is removed or significantly downgraded.
- 4.6 The NIC proposition is to complete the western leg of HS2 and, at best, a partial element of the eastern leg. This would in effect expect Yorkshire, the North East and Eastern Scotland to be largely reliant on

upgrades of the existing network for connectivity to the East and West Midlands and London.

- 4.7 This is likely to have significant economic, social and environmental implications for the Midlands and the North, particularly those parts of Yorkshire, the North East and the Midlands most likely to benefit from the connectivity offered by the eastern leg of HS2. The NIC's own analysis shows the limited benefits of each of the packages for delivering more balanced growth and levelling up the UK. HS2 and NPR are therefore presented as clear choices when the evidence shows they work best in tandem – delivering both long distance and regional connectivity. The full HS2 and NPR end state network has not been assessed and is discounted as an unaffordable option.



**Source:** Rail Needs Assessment (National Infrastructure Commission, 2020)

- 4.8 The resulting assessment is inevitably focused on affordability at the expense of how to achieve the required outcomes through greater integration and an efficient pipeline of investment. The NIC propose a 'core and adaptive approach', suggesting that government only commits to parts of schemes initially. Whilst the NIC is right to highlight that the rail industry faces huge challenges to build a pipeline of work in the face of rising costs and poor track record on delivery, such an approach will not give private investors and developers the confidence to invest and will hold back economic growth and job creation.
- 4.9 Early opportunities for investment are identified, through a package of decarbonisation and digital signalling could bring early benefits, particularly if supplemented by "quick win" capacity, reliability and resilience projects. However, the NICs proposals are much less ambitious than TfN's own proposals which identified a number of

---

candidate schemes for early intervention, with freight and importance of connecting local communities largely side lined.

## **5. What could the NIC have done differently?**

- 5.1 In line with the new Green Book, the starting point for the Integrated Rail Plan needs to be what rail investment is required to “level up” the UK. The RNA does not define what is needed or assess the economic and social outcomes from delivering the full commitment costed at £140 to 185bn. Without that assessment, it is much more difficult to understand the trade-offs and compromises being proposed in each of the various packages.
- 5.2 We had also expected that the NIC would have considered integration opportunities in more detail. TfN’s work on the integrated rail plan identified a number of key station hubs, corridors and schemes where multiple schemes are proposing related work designed and delivered separately. These opportunities to create a single, integrated programme to maximise efficiency and minimise the impact on both passengers and freight include:
- Integration of HS2 Phase 2b delivery with NPR in the Liverpool to Manchester corridor.
  - Electrification of Sheffield station and the Midland Mainline for NPR and HS2 as a single programme of delivery.
  - The corridor between Leeds, York and Selby, including the proposed junction at Garforth and the eastern approaches to Leeds station.
- 5.3 Thirdly the NIC should have considered the efficiency benefits of a long-term investment pipeline, rather than the adaptive pipeline approach proposed. The NIC rightly highlight past failings of the centrally overseen delivery bodies, but the response should be to challenge those bodies to radically improve their delivery approach, not just accept that’s how it is. The delivery mechanisms need to be set up with a strong client function maintaining a clear focus on improving value for money against historic norms. There are significant efficiency gains to be achieved from a single, integrated long term pipeline of work<sup>1</sup>.
- 5.4 Finally, the NIC could have taken a more strategic approach to funding scenarios to achieve a suitable fiscal envelope that matches the government’s existing commitments on major schemes and therefore allows the North’s needs to be met, by:

---

<sup>1</sup> The Rail Industry Association estimate that a long-term rail strategy and industry pipeline could reduce industry costs by up to 30% (RIA Manifesto 2050, November 2019).

- Being clear from the outset that the rising and delayed costs of HS2 Phases 1,2a and 2b are a government commitment and the cost of £90bn would need to be accommodated in all scenarios; and taking that position as the starting point for what additional investment is required Using the NIC's own 2018 report, the full £90bn is affordable within the headroom in the fiscal remit between 2035 and 2045
  - Identifying other available spare capacity within the fiscal remit, including the implications of recent TfL decisions (£26bn was allocated for Crossrail 2 in the original 2018 assessment<sup>2</sup>).
  - Presenting strategic choices about future spending decisions across transport modes. For example, the RNA assumes that a fixed 55% of the future strategic transport budgets (beyond 2030) will continue to be invested in roads. Rebalancing road and rail investment in that period could free up £1bn per year for 15 years for major projects that can contribute to decarbonisation<sup>3</sup>.
- 5.5 Together these measures illustrate how a different approach could have identified an additional £85bn of funding for strategically important rail projects over and above the NIC's £88bn Baseline, allowing HS2 and NPR to be built in full. What the NIC describe as a 'strategic bet' is in fact a 'strategic choice'.
- 5.6 Clearly the economic and fiscal consequences of 2020 will add additional pressures on long term funding – potentially reducing the long-term value of the fiscal remit by up to 10-15% by the 2040s. Ultimately Govt can decide to increase the fiscal remit from 1.2% of GDP if required. The recently published National Infrastructure Strategy signalled their intent to review the fiscal remit in 2021.
- 5.7 TfN IRP work provides a model for delivery of complete HS2 and NPR network by early 2040s, as well as delivering an early programme of conventional upgrades, decarbonisation and digital signalling, in line with the NIC proposals. We have shared the detail of our thinking with DfT, alongside the detailed proposals for NPR the Board has already agreed.
- 5.8 TfN does not have all the information required to fully assess the efficiency gains from creating a single integrated pipeline. However we can be confident that a strong client function sitting above the delivery bodies (Network Rail and HS2) can drive a change in approach to improve value for money through cost challenge (as is currently happening on NPR from TfN), developing a clear pipeline and exploring the clear opportunities for integration identified in TfN's advice to the NIC which we have also shared with DfT officials.

---

<sup>2</sup> This was in addition to c£71bn for TfL the NIC set out between 2020 and 2050

<sup>3</sup> This would still provide c£5bn per annum for roads, from 2030 through to 2050 totalling £100bn, with a similar sum going to general rail investment.

- 5.9 In addition to efficiency gains there are also choices that can be made on both the specification and options in order to reduce costs. The co-clienting model for Northern Powerhouse Rail provides the opportunity to consider these choices alongside setting efficiency and cost challenge for the delivery bodies.
- 5.10 In summary, the NIC stated that the total costs for all the proposed schemes was £140-185bn. Had they adopted a different approach to funding and adopted a more challenging approach to driving efficiencies then their work would genuinely have been about sequencing and phasing rather than pitting schemes against each other. In announcing this review, the Prime Minister said:

*'...some have suggested delaying or even cancelling HS2 in order to get Northern Powerhouse Rail done more quickly. But I want to say to you Mr Speaker and to the House, this is not an either/or proposition. Both are needed, and both will be built – as quickly and cost-effectively as possible.'*

*'So as we draw up this plan, we are not asking whether phase 2B is not to be. That is not the question, Mr Speaker. The question is how we can bring a transport revolution to the north sooner.'*

Unfortunately, the NIC's approach has reverted to that '2B or not 2B' question. What is set out in this paper shows that the NIC could have adopted a different approach and one more aligned with government policy.

## **6. Conclusions and next steps**

- 6.1 The government's final Integrated Rail Plan should not adopt any of the constrained packages recommended by the NIC. Instead it should consider how NPR and HS2 could be delivered in line with government commitments. With more flexible thinking on funding and a greater focus on integration, the opportunity remains for an affordable, deliverable programme of investment which can accommodate HS2, NPR and the other critical rail investment required to level up the UK.
- 6.2 The government has indicated that the Integrated Rail Plan will be published in early 2021. Given the limitations of the RNA, the government now should consider the issues raised in section 5 above, and:
- Decide whether UK connectivity is important enough to take the "strategic choice" over the next 30 years to maintain its commitments on NPR and HS2.

- Agree with TfN's assessment that opportunities exist for greater integration, cost reduction and efficiency of delivery.
- Confirm that options exist to extend available funding envelope through combination of extending fiscal remit, repurposing existing funding streams and making clear, multi modal choices on future spend.
- Work with the sub national transport bodies and Network Rail to create a pipeline that the midlands and north can confidently plan for and invest around to drive growth, and quickly build develop a stronger track record of delivery for the industry, building confidence in local investment and wider employment and skills opportunities.
- Ensure that the final Integrated Rail Plan is agreed with the North, and its implementation is supported by strengthened decision-making and sponsorship role for TfN Board, building on the proven track record on NPR decision making and the work of the Rail North Committee.

## **7. Recommendation:**

- 7.1 We recommend the Board discusses the content of this paper and TfN makes immediate representation to government before the IRP is finalised.

**List of Background Documents:**

There are no background papers to this report.

**Required Considerations**
**Equalities:**

Age	Yes	<b>No</b>
Disability	Yes	<b>No</b>
Gender Reassignment	Yes	<b>No</b>
Pregnancy and Maternity	Yes	<b>No</b>
Race	Yes	<b>No</b>
Religion or Belief	Yes	<b>No</b>
Sex	Yes	<b>No</b>
Sexual Orientation	Yes	<b>No</b>

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Equalities	A full impact assessment has not been carried out because not all the relevant information is available.	Tim Foster	Strategy and Programme Director

**Environment and Sustainability**

Yes	<b>No</b>
-----	-----------

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Sustainability / Environment – including considerations regarding Active Travel and Wellbeing	A full impact assessment has not been carried out because not all the relevant information is available.	Tim Foster	Strategy and Programme Director

**Legal**

<b>Yes</b>	No
------------	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Legal	TfN Legal Team has confirmed there are no legal implications.	Head of Legal	Director of Business Capabilities

### **Finance**

<b>Yes</b>	No
------------	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Finance	TfN Finance Team has confirmed there are no financial implications.	Paul Kelly	Iain Craven

### **Resource**

<b>Yes</b>	No
------------	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Resource	The HR Team have confirmed there are no direct resource implications as result of this report	Head of HR	Director of Business Capabilities

### **Risk**

<b>Yes</b>	No
------------	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Risk	A risk assessment has been carried out and the key risks are included in the report.	Tim Foster	Strategy and Programme Director.

### **Consultation**

Yes	<b>No</b>
-----	-----------

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
----------------------	----------------	----------------------------	-----------------

Consultation	A consultation has not been carried out because it would not be appropriate at this time.	Tim Foster	Strategy and Programme Director
--------------	---	------------	---------------------------------

---

## Transport for the North Board

**Subject:** Trans Pennine Strategic Road Studies

**Author:** Owen Wilson, Major Roads Strategy Manager

**Sponsor:** Peter Molyneux, Major Roads Director

**Meeting Date:** Thursday 14 January 2021

### 1. Purpose of the Report:

To secure agreement from Board Members on TfN statutory advice to the Secretary of State on next steps for Trans Pennine Tunnel and M6 – A1(M) Strategic Road Studies.

### 2. Executive Summary:

- 2.1 The Trans Pennine Tunnel (TPT) and M6-A1(M) Central Pennines Corridor (M6-A1M) Studies were commissioned by DfT to consider strategic road options in the Southern and Central Pennines that have the potential to improve strategic connectivity and contribute to the Northern economy through agglomeration benefits.
- 2.2 Partnership Board received an update on the TPT and M6-A1(M) studies on 18<sup>th</sup> November 2020.
- 2.3 This report briefly summarises the findings from the two studies and sets out proposed next steps for improving transport links in the two corridors.

### 3. Background

#### Trans Pennine Tunnel (TPT) Study

- 3.1 The Trans Pennine study was one of the six strategic studies announced in the RIS1 and is looking at the performance of the current route between Greater Manchester and Sheffield City Region (A57, A628, A616, A61) and the degree to which this is an obstacle to improving local economic growth.
- 3.3 The distance between Manchester and Sheffield is around 40 miles and the journey takes 80 minutes in uncongested conditions. This makes Manchester – Sheffield the poorest connected of the city pairings across the North of England.

- 3.4 Transport for the North, Transport for Greater Manchester, Sheffield City Region and the Peak District National Park Planning Authority participated in the study at Project Committee level and have been involved in key decision points.
- 3.5 The TPT study identified a package of improvements that would deliver substantial benefits, including time savings to car and freight users, improved journey time reliability and resilience.
- 3.6 There are substantial cost and environmental challenges to delivering the full TPT package in its current form.

### **M6 – A1(M) Central Pennines**

- 3.7 In March 2019, DfT commissioned Highways England to lead an M6 – A1(M) study, and to consider options for improving strategic road connectivity between the M65 at Colne and communities in North Yorkshire and West Yorkshire.
- 3.8 Transport for the North, Lancashire CC, North Yorkshire CC, West Yorkshire CA, Leeds City Council and City of Bradford MDC participated in the study Project Board and have been involved in key decision points.
- 3.9 The study demonstrated the potential to deliver benefits to the Central Pennines Corridor, including improved journey time reliability, reduction in accidents, greater resilience for east-west movements, improved journey quality, regeneration of locations along the core study corridor, enhanced accessibility to key transport hubs, improved access to leisure and tourism facilities and facilitating improved access to jobs and education for communities within the corridor.
- 3.10 Evidence from a demand impact assessment using the Highways England Trans Pennine South Regional Traffic Model demonstrated that under normal traffic conditions the new strategic route would only result in a small transfer traffic from the M62, with limited benefits to relieving congestion on the M62.
- 3.11 The scale of the proposed highway improvements, geography and environmentally sensitive areas within the corridor mean that there are major challenges associated with the project, these include the very high capital cost, topography of the study area and potential for large adverse environmental impacts.

## **4. Proposed Next Steps**

### **Relevant to both TPT and M6-A1(M)**

- 4.1 That work should continue exploring deliverable and financially viable solutions to improving transport connectivity in the two corridors.

- 4.2 Future work should include assessment of the cumulative benefits of road and rail improvements to identify the programme level benefits across passenger and freight travel markets. For road travel this should include opportunities to improve travel by long distance bus.
- 4.3 That further work applies the revised guidance in the update to the 'Green Book', with a stronger focus on assessing schemes / packages of schemes against strategic objectives.
- 4.4 That in weighing up options there should be a greater emphasis on considering the future impact of new technologies, digital working and of other forms of behaviour change. Also reference to Government policies on transport decarbonisation, noting that publication of the Government's Transport Decarbonisation Plan is expected in Spring 2021.
- 4.5 That resilience of the transport network is a key consideration and should gain greater prominence in the programme level assessment of schemes / packages of schemes.
- 4.6 Proposed interventions should ensure good integration with localised priorities such as enabling sustainable transport provision on shorter journeys and the 'last mile' to town and city centres.
- 4.7 That any reduction in the funding requests for road upgrades within the two corridors should be considered within a wider multi-modal context. For example, including the need to ensure Manchester - Sheffield is well connected by rail.

#### **Specific to Trans Pennine Tunnel**

- 4.8 TfN and partners understand the significant challenges to delivering the ambition for a twin bore tunnel for the trans Pennine route, and accept the need to investigate proposals that move away from the full dualling of a strategic route.
- 4.9 There is still a strong case for improving strategic connectivity between Manchester and Sheffield and that further work should continue, and within the context set out in points 4.2 – 4.6 should include:
  - a) Improvements to the A628 and A616, rather than full dualling, to increase road safety, reliability and resilience. These would need to consider effects on the wider local road network and be to an exemplar environmental design.
  - b) With the move to zero tailpipe emission and expected advent of autonomous / semi- autonomous vehicles the potential for a single bore tunnel to achieve similar strategic benefits to the more expensive dual bore tunnel considered up till now.

- c) Consideration of the resilience benefits of improving east-west connectivity in the Southern Pennines, including the advantages of a tunnel in reducing the impact of severe weather.
  - d) Benefits of improved connectivity for freight, both through and to the Peak District. Taking account of the changing demands for, and distribution of freight movements across the North. This is particularly important as the United Kingdom develops new trading relationships with the European Union and globally.
  - e) Account of the cumulative impacts for passengers and freight of the Trans Pennine Rail Upgrade and Northern Powerhouse Rail.
- 4.10 Further work will require development funding and should be sponsored by TfN, working in close partnership with DfT, Highways England, Peak District National Park and local authority partners.

**Specific to M6 – A1(M)**

- 4.11 TfN and partners recognise the significant challenges in delivering a major strategic route within the Central Pennines Corridor and accept that there should be no further work on considering a strategic motorway or dual carriageway standard route.
- 4.12 Transport connectivity is still poor within the corridor, with several congestion hot spots and overall slow journey times from East Lancashire to West and North Yorkshire.
- 4.13 The M6-A1(M) strategic connectivity study identified several locations where smaller scale interventions could be pursued for considerably less cost and with less disruption.
- 4.14 Further work should be managed at a coordinated programme level, thereby minimising disruption and seeking to maximise opportunities for improving overall value for money. Within the context set out in points 4.2 – 4.6 this should include:
- a) Development of a business case for a coherent, prioritised and sequenced corridor wide programme of smaller scale measures.
  - b) Options for reducing congestion at pinch points in the corridor, for example at Colne and on the A629/ A650.
  - c) Consideration of future passenger and freight travel markets including the interdependencies with the proposal to reopen the Skipton-Colne rail line and opportunities for improved long-distance bus routes.
- 4.15 Further work on the M6-A1(M) will require development funding and should be sponsored by TfN working in close partnership with the local

---

transport authorities responsible for the road network in the corridor.

**5. Recommendation**

- 5.1 The Board is asked to agree to TfN writing to the Secretary of State setting out the recommended next steps detailed in section 4 of this report.

**6. Appendices:**

- 6.1 None

---

**List of Background Documents:**

There are no background papers to this report.

**Required Considerations**
**Equalities:**

Age	Yes	No
Disability	Yes	No
Gender Reassignment	Yes	No
Pregnancy and Maternity	Yes	No
Race	Yes	No
Religion or Belief	Yes	No
Sex	Yes	No
Sexual Orientation	Yes	No

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Equalities	An Impact assessment has not been carried out as this report is seeking endorsement for TfN recommendations on feasibility work.	Major Roads Strategy Manager	Major Roads Director

**Environment and Sustainability**

Yes	No
-----	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Sustainability / Environment – including considerations regarding Active Travel and Wellbeing	An Impact assessment has not been carried out as this report is seeking endorsement for TfN recommendations on feasibility work. Recommendations within report consider potential adverse environmental impacts of TPT and more generally the aspirations of TfN’s emerging Decarbonisation Strategy by considering future travel scenarios in relation to new	Major Roads Strategy Manager	Major Roads Director

	vehicle technologies / increased WFH / long distance bus travel, when planning next steps.		
--	--	--	--

### Legal

Yes	No
-----	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Legal	<i>TfN Legal Team</i> has confirmed there are no legal implications.	Deborah Dimock	Julie Openshaw

### Finance

Yes	No
-----	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Finance	TfN Finance Team has confirmed there are no financial implications for the current financial year. Scheme budgets would be agreed prior to initiating any work sponsored by TfN.	Paul Kelly	Iain Craven

### Resource

Yes	No
-----	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Resource	TfN HR Team has confirmed there are no direct resource implications as a result of this report.	Head of HR	Business Capabilities Director

**Risk**

Yes	No
-----	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Risk	A risk assessment has not been carried out at this stage.	Haddy Njie	Iain Craven

**Consultation**

Yes	No
-----	----

<b>Consideration</b>	<b>Comment</b>	<b>Responsible Officer</b>	<b>Director</b>
Consultation	Suitable consultation has been carried out with TfN partners.	Major Roads Strategy Manager	Major Roads Director

## Agenda Item 8

By virtue of Section 100A(2) of the Local Government Act 1972 |(likelihood that confidential information would be disclosed in b

Document is Restricted

This page is intentionally left blank

## Agenda Item 9

By virtue of Section 100A(2) of the Local Government Act 1972 |(likelihood that confidential information would be disclosed in b

Document is Restricted

This page is intentionally left blank

# Agenda Item 10

By virtue of Section 100A(2) of the Local Government Act 1972 |(likelihood that confidential information would be disclosed in b

Document is Restricted

This page is intentionally left blank