

IN PARLIAMENT  
HOUSE OF  
COMMONS  
SESSION  
2013 - 2014

HIGH SPEED RAIL (LONDON TO WEST MIDLANDS) BILL

Against – On Merits – Praying to be heard by counsel, &c.

TO THE HONOURABLE THE COMMONS OF THE UNITED KINGDOM OF GREAT BRITAIN  
AND NORTHERN IRELAND IN PARLIAMENT ASSEMBLED.

THE HUMBLE PETITION of Raymond Ernest Challinor and Rowena Challinor both of 19  
Walnut Way Hyde Heath Amersham Bucks HP6 5SB

SHEWETH as follows:-

1. A Bill (hereinafter referred to as "the Bill") has been introduced and is now pending in your honourable House intituled "A Bill to make provision for a railway between Euston in London and a junction with the West Coast Main Line at Handsacre in Staffordshire, with a spur from Old Oak Common in the London Borough of Hammersmith and Fulham to a junction with the Channel Tunnel Rail Link at York Way in the London Borough of Islington and a spur from Water Orton in Warwickshire to Curzon Street in Birmingham; and for connected purposes."
2. The Bill is presented by Mr Secretary McLoughlin, supported by The Prime Minister, The Deputy Prime Minister, Mr Chancellor of the Exchequer, Secretary Theresa May, Secretary Vince Cable, Secretary Iain Duncan Smith, Secretary Eric Pickles, Secretary Owen Paterson, Secretary Edward Davey, and Mr Robert Goodwill.
3. Clauses 1 to 36 set out the Bill's objectives in relation to the construction and operation of the railway mentioned in paragraph 1 above. They include provision for the construction of works, highways and road traffic matters, the compulsory acquisition of land and other provisions relating to the use of land, planning permission, heritage issues, trees and noise. They include clauses which would disapply and modify various enactments relating to special categories of land including burial grounds, consecrated land, commons and open spaces, and other matters, including overhead lines, water, building regulations and party walls, street works and the use of lorries.
4. Clauses 37 to 42 of the Bill deal with the regulatory regime for the railway.
5. Clauses 43 to 65 of the Bill set out a number of miscellaneous and general provisions, including provision for the appointment of a nominated undertaker ("the Nominated Undertaker") to exercise the powers under the Bill, transfer schemes, provisions relating to statutory undertakers and the Crown, provision about the compulsory acquisition of land for regeneration, reinstatement works and provision about further high speed railway works. Provision is also made about the application of Environmental Impact Assessment Regulations.

6. The works proposed to be authorised by the Bill ("the Authorised Works") are specified in clauses 1 and 2 of and Schedule 1 to the Bill. They consist of scheduled works, which are described in Schedule 1 to the Bill and other works, which are described in clause 2 of the Bill.
7. Your Petitioners are Raymond Ernest Challinor and Rowena Challinor (hereinafter referred to as 'the Petitioners'), *the owners and /occupiers 19 Walnut Way Hyde Heath Amersham Bucks* ('the Property').
8. **Limits of Deviation**
  - 8.1 Your Petitioner is concerned that paragraph 1(2) of Schedule 1 of the Bill provides that in constructing or maintaining any of the scheduled works the undertaker can deviate vertically upwards not exceeding three metres, vertically downwards to any extent and laterally to any extent within the limits of deviation shown on the deposited plans.
  - 8.2 Your Petitioner is concerned that these deviations could potentially make significant differences to the impacts of the construction and operation of the high speed railway and associated development, for example by raising the track height to the detriment of the amenity of the landscape. These potential environmental impacts are not adequately addressed in the environmental statement, which provides that the undertaker only has to use reasonable endeavours to adopt measures to reduce adverse environmental effects provided it does not add unreasonable cost or delay to the construction and operation.
  - 8.3 Your Petitioner requests that the provisions in the Hybrid Bill to allow deviation upwards should be deleted.
9. **Noise**
  - 9.1 Your petitioner has concerns with regards to matters of noise and vibration caused by the construction and operation of the high speed railway. Your petitioner is concerned as there appears to be no mechanism in the Bill to deliver a properly noise mitigated railway.
  - 9.2 Your petitioner is concerned that the fundamental calculations needed for forecasting noise impacts, known as the Lowest Observed Adverse Effect Level (LOAEL) and Significant Observed Adverse Effect Level (SOAEL) have not been correctly identified and were set too high in the Environmental Statement, leading to material underestimation of the adverse noise and significant adverse noise impacts likely to arise from the high speed railway.
  - 9.3 Your petitioner is concerned that the thresholds adopted in the Environmental Statement for noise limits were set above what the World Health Organisation considers acceptable. Your petitioner considers this issue is likely to become more pressing given the moves by the World Health Organisation to set new lower targets on the basis of the latest medical research on the impact of noise on human health.
  - 9.4 Your petitioner is concerned that the specific impacts of groundborne noise have not been properly considered or explained to impacted communities and the limit for groundborne noise does not reflect recent or practice or experience and the

methodology used for predicting the impact of groundborne noise is insufficiently robust and no amelioration measures have been suggested to deal with this problem.

9.5 Your petitioner therefore requests

9.5.1 HS2 Ltd be instructed to issue revised noise thresholds covering the LOAEL and SOAEL for noise exposure, in rural and urban areas and during the day and at night-time which reflect World Health Organisation guidelines including World Health Organisation guidelines on peak noise (60db max pass-by outside, giving 45db inside).

9.5.2 HS2 Ltd be required to set noise limits for construction which are in line with World Health Organisation limits and local authorities be provided with enforcement powers to order the cessation of construction activities in the event such anticipated exposures are breached.

9.5.3 HS2 Ltd be obliged to commit to designing the high speed railway to operate in such manner that the revised noise exposures are not breached.

9.5.4 A binding requirement included in the Bill for noise monitoring with obligations on HS2 Ltd to introduce additional mitigation measures, including reduction in train speeds, in the event forecast noise levels are exceeded.

9.5.5 HS2 Ltd be required to commit to the same threshold for ground borne noise as the Northern Line Extension- meaning groundborne noise levels no greater than 25dB LpAsmax for rural areas and 30dB LpAsmax for urban areas.

9.6 Your Petitioner is concerned that Clause 35 of the Bill and Schedule 25 provide that appeals against notices or against failure to give consent or the giving of qualified consent under the Control of Pollution Act 1974, section 60 (control of noise) and section 61 (prior consent for work on construction sites) may be referred to the Secretary of State or arbitration. Your Petitioner is also concerned that Schedule 25 would provide a defence to statutory nuisance for the nominated undertaker.

9.7 Your Petitioner requests that Clause 35 and schedule 25 are deleted from the Bill.

## 10. Waste

10.1 Your Petitioner is concerned that the impact on local communities of the amount of waste to be excavated and removed from the construction of the high speed railway has been underestimated and the environmental impacts of removal and disposal of such waste has been needlessly worsened because of the primacy (in UK and EU law) of the requirement to seek to avoid disposal of waste and comply with the principles of the waste hierarchy has been ignored by HS2 Ltd.

10.2 Your petitioner is concerned that the forecasts provided for each Community Forum Area for amounts of waste to be excavated and removed from that area appear to be contradictory and take insufficient account of local authority planning policies.

10.3 Your petitioner requests that: HS2 Ltd be required to comply with the requirements of the Waste Framework Directive and review its decisions on treatment of waste to ensure compliance with the waste hierarchy as detailed in that Directive. Such review should include publishing details of the "integrated design approach" to waste

management and subject to consultation to enable effective public participation on this issue.

## 11. Code of Construction Practice

- 11.1 Your Petitioner is concerned that the nominated undertaker's ongoing accountability to is unspecified. The Code of Construction Practice does not identify how any lead contractors will be made to comply and the redress and appropriate action that might be taken in the event that the contractors do not comply with the Code of Construction Practice. Assessment in the environmental statement is made on the assumption that the Code of Construction Practice and the strategies will be fully effective, however, the Code of Construction Practice has no legal status.
- 11.2 Your Petitioner submits that the Code of Construction Practice should be incorporated into the Bill. Parliament and not the nominated undertaker should be accountable for the project. Any monitoring required under the Code of Construction Practice should involve the relevant local authority as well as independent experts with effective oversight and redress arrangements in the event of non-compliance with the Code of Construction Practice.
- 11.3 The standards set out in the environmental statement and the Code of Construction Practice is of "reasonableness" and "reasonable endeavours". Your Petitioner submits that this should be replaced by a higher standard, i.e. "best practical means" and the measures should be agreed with the relevant local authority. Measures should be subject to independent assessment verifiable and challengeable. This applies to noise as well as other effects that are to be addressed in the Code of Construction Practice.

## 12. Air Quality

- 12.1 Your Petitioner is concerned about the potential adverse impacts on air quality as a result of the construction and operation of the high speed railway line and associated development.
- 12.2 Your Petitioner requests that before construction there should be an air quality baseline monitoring study benchmarked against the Air Quality Standards Regulations 2010 and a copy of this report should be made public. Your petitioner submits that thresholds for air quality and an air quality mitigation plan should be produced for each Community Forum Area, to apply both during construction and operation of HS2.
- 12.3 Your Petitioner requests that the local authority should be provided with powers to monitor air quality in accordance with binding mitigation plans and in the event air quality thresholds are breached, your Petitioner submits that the Bill should be amended to enable the local authority to require the cessation of construction activities until such point as air quality thresholds are complied with.

## 13 The Environment

Your Petitioner objects to the harmful effects of the construction work on an Area of Outstanding Natural Beauty. Whilst some of the work will not be of a permanent nature an unacceptable amount of the construction work will be permanent and

will include the destruction of a substantial and significant amount of designated ancient woodland. In addition local roads will be widened to accommodate construction traffic and as a consequence will change forever the characteristics of large areas of the Area of Outstanding Natural Beauty unless there is an irrevocable commitment to return the roads and surrounding land to their prior condition.

#### **14 The Community**

Your Petitioner objects to measures included in the Hybrid Bill which will have substantial adverse effects on local communities in and around Hyde Heath and having a detrimental effect on transport between the villages, including the transport of school children to and from the village of Hyde Heath as well as a harmful effect on local businesses.

#### **15 Hydrology**

- 15.1 Your Petitioner is concerned about the danger of water pollution arising from the construction and operation of the proposed high speed railway and associated development and the run-off into surrounding watercourses, as well as the expected flow rates or impact on surrounding transport links.
- 15.2 Your Petitioner requests that throughout construction there should be sampling of surface water at different locations surrounding each construction site and these samples should be independently tested at a United Kingdom accreditation service laboratory. The results from the sampling should be shared with the Environment Agency and the relevant local authority. The results should be benchmarked against accepted water quality levels.
- 15.3 Your Petitioner is concerned that the Hybrid Bill seeks to undermine long standing and important legal safeguards concerning the safety of drinking water. Your Petitioner requests that Clause 31 and schedule 20, which override key legal safeguards that protect public water supplies be deleted from the Hybrid Bill.

#### **16 Compensation**

- 16.1 Your Petitioner submits that the compensation provisions in relation to property that is not compulsory acquired and other matters are not sufficient to compensate your Petitioner adequately for the loss and damage they may incur as a result of construction and operation of the high speed railway and associated development.
- 16.2 Your Petitioner requests that the Bill should be amended to ensure your Petitioner and other persons outside the safeguarding area who are injuriously affected and adversely affected by loss of value should be entitled to claim compensation.

#### **17 Ecology**

- 17.1 Your Petitioner is concerned about the adverse impacts of the construction and operation of the high speed railway and associated development on fauna and flora. Your Petitioner submits that there should be binding mitigation measures to reduce the adverse impacts, on ecology including but not limited to avoiding ancient woodland, migration routes for wildlife across construction sites and the operational

high speed railway and associated development, and compensatory measures to offset habitat loss and other damage to species.

- 17.2 Your Petitioner requests that in accordance with the House of Commons Environmental Audit Committee Report dated 2 April 2014, a process should be established to monitor all aspects of environmental protection needed for 60 years following the start of construction and operation of the railway, including biodiversity mitigations, compensation off-set. This process must be managed by an independent body, which monitors and publicly reports progress against the "no net biodiversity loss" objective. A detailed costing should also be established for monitoring and reporting and for the environmental protection being overseen, and ring-fence these environmental protections and a separate budget for these purposes.
- 17.3 Your Petitioner requests that other recommendations in the House of Commons Environmental Audit Committee Report dated 2 April 2014 are also followed including but not limited to the revising the environmental statement to distinguish clearly between mitigation and compensation measures in respect of biodiversity, carry out outstanding environmental surveying as soon as possible, weighting metrics for biodiversity offsetting towards production of biodiversity gains and taking explicit account of communities' wellbeing, adjusting metrics to encompass the precautionary principle, treatment of ancient woodlands should be separately from the overall biodiversity net loss calculation, re-examining scope for off-site biodiversity compensation, research on alternative discount factors for the off-setting metric.

## 18 Your Petitioners' concerns

- 18.1 Despite the South Heath area's elevated location in the AONB, the railway here will be built from the surface: almost three quarters of the 4km section between Mantles Wood and Leather Lane will be in open cuttings, with a 1.2km cut-and-cover (green) tunnel. In HS2's direct path lie 3 ancient woodlands, footpaths, homes, farmsteads, tranquil areas, and rural landscapes, all greatly valued and enjoyed by the community and visitors. 150 properties lie within 300m of the line, and 500 are within 1km (in this 4km section). HS2 will have extensive adverse environmental impacts when operational and its creation carves a path of destruction through this part of the AONB. The construction impacts are especially severe. Property blight is endemic, creating stress and affecting the health and well-being of your Petitioner's.

### 18.2 Your Petitioner requests

- a. HS2 to run in a bored tunnel for the **full extent of the AONB**, either as proposed by Chiltern District Council (CDC), or as proposed by CRAG (and recognised in the ES<sup>1</sup> as being both technically feasible and environmentally superior to HS2 Ltd's present proposals).

Your petitioner believes that Parliament should require the Promoter to afford the Chilterns AONB all the benefits that the CROW Act would otherwise require, and that this requires providing a bored tunnel throughout its length. Currently HS2 bisects the AONB at its widest part with under half (9.4km) in a bored tunnel. These proposals would replace the 11.4km of surface works (in cuttings (6.2km), two viaducts (1km), embankments (1.8km) and two green

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<sup>1</sup> Volume 2 CFA 9 para 2.6.8 to 2.6.17, page 40/41. ES, November 2013

tunnels (2.4km)), and preserve the whole of the AONB from the vast majority of the adverse environmental impacts. CDC and CRAG contend the extra cost is more than justified by the environmental benefits.

- b. If Parliament does not agree to either of these bored tunnelled solutions for the whole of the AONB, your Petitioner requests the 4 km **South Heath Chilterns Tunnel Extension proposed by REPA between Mantles Wood and Leather Lane**, and as referred to in the ES<sup>2</sup>, but extended to Leather Lane<sup>3</sup>.

This proposal would replace the 1.2km South Heath green tunnel and two cuttings, and is recognised by HS2 Ltd as being technically feasible and environmentally preferable. It would preserve a further 4km of the AONB for current and future generations, preventing permanent severe detriment to the residents of the South Heath area. HS2 Ltd acknowledges that SHTCE would provide reduced landscape and visual effects for South Heath and the AONB, benefits for ecology and biodiversity, reduced operational noise impacts, reduced construction impacts and agricultural land take, and has community benefits. In particular your Petitioner advises it would:

- Avoid the loss from, and fragmentation of, three ancient woodlands, together losing 9.3 hectares – which comprises over 25% of the ancient woodland destroyed by phase 1 of HS2 – and prevent adverse effects on a fourth.
- Prevent the loss (2.1km) or fragmentation of the 14 “important” hedgerows, of which 7 are “historically important”, and preserve 14km of other hedgerows.
- Avoid severance effects for wildlife, as well as the impacts on loss of habitats.
- Prevent the loss of 4 footpath crossings that would otherwise be lost and avoid diverting 7 footpaths to run along the top of the cutting (with noise implications);
- Avoid demolishing eight homes and 23 outbuildings (and moving two pylons);
- Prevent cultural heritage impacts eg of 7 significantly adversely affected settings of Grade 2 listed buildings, and of other ‘non-designated’ properties
- Prevent losses from the six archeologically valuable sites in the area.
- Benefit the local community (protecting over 500 homes within 1km of the works), by avoiding permanent noise impacts; extensive construction disruption for over 7 years (including dust and noise, safety risks, road congestion with all local roads being construction routes); and the loss of its gym and restaurant.
- Prevent damage to a nationally important landscape over the 4km
- Remove the need for a 40ha “Sustainable Placement Area” at Hunts Green, as excess spoil would no longer be produced; and losing 98ha of farmland.

This 4km tunnel extension is environmentally superior and REPA believe, (and have provided justification to HS2 Ltd) that it costs no more than the current scheme proposed by HS2 Ltd, and this is before taking account of the extensive environmental benefits or the costs of additional mitigations that

<sup>2</sup> Volume 2 CFA 9 para 2.6.18, page 41/42, ES, November 2013

<sup>3</sup> Also in the ES Volume 2 CFA 9 para 2.6.5, page 39, option (d). In April 2014 REPA obtained further material from HS2 Ltd allowing them to modify their proposal to go a further 400m to Leather Lane.

would be required with the Promoter's scheme. In addition, REPA believe that the SHTCE will not delay the project timescales.

If the Bill is not altered to provide at least this minimum bored tunnel extension to Leather Lane, **numerous mitigations will be required to ameliorate the worst effects of the Promoter's present scheme**, costly of both time and money. The costs of these mitigations to the proposed surface construction route mean that the minimum 4km extension your Petitioner proposes will achieve both a substantial saving and far superior environmental mitigation

- 19 In light of the above, the Petitioner reserves the right to raise the above matters and any further matters of concern relating to the substance of the Bill and this Petition that may arise from continuing discussions, the preparation and publication of reports, any possible revisions that may be made to current work site proposals or any other matters relevant to our expressed concerns that may occur in due course and prior to our representation before the Select Committee.
- 20 For the foregoing and connected reasons your Petitioner respectfully submits that, unless clauses of the Bill are removed or amended, then the Bill should not be allowed to pass into law.
- 21 There are other clauses and provisions in the Bill which, if passed into law as they now stand will prejudicially affect your Petitioner and their rights, (including their human rights) interests and property and for which no adequate provision is made to protect your Petitioner and other clauses and provisions necessary for their protection and benefit are omitted therefrom.

YOUR PETITIONER THEREFORE HUMBLY PRAY your Honourable House that the Bill may not be allowed to pass into law as it now stands and that they may be heard by their Counsel, Agents and witnesses in support of the allegations of this Petition against such of the clauses and provisions of the Bill as affect the property, rights and interests of your Petitioner and in support of such other clauses and provisions as may be necessary or expedient for their protection, or that such other relief may be given to your Petitioner in the premises as your Honourable House shall deem meet.

~~AND your Petitioners will ever pray &c~~

SIGNED

SIGNED

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HIGH SPEED RAIL (LONDON TO WEST MIDLANDS BILL)

PETITION OF *Raymond Ernest Challinor and Rowena Challinor*

AGAINST, By counsel, &c.

*Raymond Ernest Challinor and Rowena Challinor* (