



HS2 Phase One Planning Forum – Highways Subgroup

Meeting #4

February 2015

Agenda

1. Introductions
2. Review of notes and actions from last meeting
3. Feedback from authorities on Draft CoCP – Section 14
4. Permanent Highways Maintenance
 - Information Paper E14 – update
 - Future highway maintenance responsibilities
5. Forward programme
6. Any other business



1. Introductions

Chair



2. Review of notes and actions from last meeting

Chair



3. Feedback from authorities on Draft CoCP – Section 14

Authorities



4. Permanent Highways Maintenance

Information Paper E14 – update

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Information Paper E14 'Highways and Traffic during Construction – Legislative Provisions'

It is currently planned to provide further clarity on the following topics:

- Ownership of highways to be stopped-up permanently
- Meaning of the term 'temporary stopping up'
- Future highway maintenance responsibilities – reference to new Information paper planned (*NB – next agenda item*)
- Powers to take action against any person depositing mud on a road without lawful authority or excuse (Highways Act 1980, Section 161)
- Application of New Roads and Street Works Act 1991, Sections 54, 55, 64 and 75
- Meaning of the term 'lorry ban orders'
- Recovery of expenses due to extraordinary traffic (Highways Act 1980, Section 59)

4. Permanent Highways Maintenance

Future highway maintenance
responsibilities

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New Information Paper

Aim – to provide more detail to highway authorities and the Select Committee on the following topics:

- General hybrid Bill requirement
- Issues specific to overbridges
- Issues specific to viaducts & underbridges
- Issues specific to tunnels
- Winter maintenance
- Maintenance agreements
- Example – road restraint systems

The following slides give an indication of the likely content of the planned Information Paper but this is still under review and subject to alteration. Please refer to the finalised Information Paper for definitive details.

General hybrid Bill requirement

Schedule 4 paragraph 14(2) of the hybrid Bill states:

"The new or altered highway must be maintained by and at the expense of the nominated undertaker for a period of 12 months from—

(a) the date of practical completion, or

(b) if later, the date on which it is first open for public use;

*and after the end of that period must be **maintained by and at the expense of the highway authority.**"*

Issues specific to overbridges (1)

Schedule 4 paragraph 14(8) of the Bill states that the general maintenance requirement does not impose any obligation on the highway authority *"in relation to the structure of any bridge carrying a highway over any railway of the nominated undertaker."*

The structure of a bridge carrying a highway over the Proposed Scheme is considered to comprise the following elements:

- Deck (including waterproofing and integral expansion joints)
- Piers (for bridges with multiple spans)
- Abutments (including bearing shelf and back-of-wall drainage)
- Foundations
- Parapets

All other aspects of the highway **over and either side of** the structure are the responsibility of the highway authority.

Issues specific to overbridges (2)

Examples of non-structural elements which remain the responsibility of the highway authority include:

- Carriageway surfacing and any other pavement layers above the waterproofing
- Full depth above waterproofing for all kerbing, footways and paved areas on the deck (including any supporting infill)
- Drainage of the deck surface area between parapets
- Road markings
- Any traffic signs, road lighting or other street furniture on the deck

The same requirements apply to bridges carrying public rights of way over the Proposed Scheme where such elements are present in the design.

In the case of 'green bridges' where only part of the width between parapets is dedicated as public highway, the remaining width will be maintained by the nominated undertaker.

Issues specific to viaducts & underbridges (1)

Schedule 4 of the Bill does not include specific mention of the structure of any bridge carrying the Proposed Scheme over a highway.

However, it is accepted that the deck, piers, abutments and foundations shall be considered to be the responsibility of the nominated undertaker.

In the case of an integral box structure, the base of the box shall also be considered to be the responsibility of the nominated undertaker.

All other aspects of the highway **under / through and either side** of the structure are the responsibility of the highway authority.

Issues specific to viaducts & underbridges (2)

In addition to the typical examples of elements to be maintained by the highway authority given for a road overbridge above, other aspects it will typically be responsible for include:

- All pavement layers
- Any hard landscaping in the shadow of the structure
- All earthworks (including any capping layers or ground treatment) supporting the highway
- Any drainage passing through or under the structure
- Any highway communications networks, power supplies and service ducts

The same requirements apply to viaducts or bridges carrying the Proposed Scheme over a public right of way where such elements are present in the design.

Issues specific to tunnels

Schedule 4 paragraph 14(8) of the Bill states that the general maintenance requirement given above does not impose any obligation on the highway authority *"the structure of any tunnel carrying a highway under"* any railway of the nominated undertaker.

"A road tunnel is a subsurface highway structure enclosed for a length of 150m, or more." (DMRB Standard BD 78).

To the extent that they are applicable to highways in tunnels, the maintenance responsibilities are equivalent to those where highways pass under viaducts or through underbridges.

NB – Subject to further development during detailed design, it is not currently anticipated that there will be any road tunnels in Phase One.

Winter maintenance

Schedule 4 paragraph 14(4) of the Bill states:

"the highway authority must ensure, so far as reasonably practicable, that safe passage along the new or altered highway is not endangered by snow or ice"

This applies during the 12-month 'maintenance period', unless otherwise agreed with the nominated undertaker.

Maintenance agreements

Should a need be identified by the nominated undertaker, Schedule 4 paragraph 14(3)(a) of the Bill provides for alternative maintenance arrangements to be agreed with the highway authority.

One example may involve certain lengths of road restraint system.

Example – road restraint systems

- Road restraint systems on the approach to bridges are not part of the structure carrying a highway over or under the Proposed Scheme and would thus normally be wholly the responsibility of the highway authority.
- However, as an exception, and only where essential to protect the railway from errant road vehicles, the nominated undertaker may seek agreement from the highway authority under Schedule 4 paragraph 14(3)(a) to retain maintenance responsibility for defined lengths of road restraint system on the immediate approaches to certain overbridges.
- Similarly, the nominated undertaker may seek agreement under the same provision for road restraint systems in respect of certain other potentially 'higher errant vehicle risk' circumstances (e.g. where a road runs closely parallel to and above a section of railway).
- **Offering to enter into any such agreement is purely at the discretion of the nominated undertaker.**
- Road restraint systems on the immediate approaches to any viaduct or underbridge piers and abutments, or on highway tunnel approaches, can be maintained by the highway authority in the normal way without implications for operational railway.

Highways Maintenance Funding

- Discussion with DCLG has taken place as to sources of funding for the maintenance of additional highways created by HS2
- There is agreement that more data needs to be collected in order to carry out a new burdens assessment
- Preliminary data collection will take place with a representative sample of highway authorities
- A full new burdens assessment will be carried out prior to commencement of construction



5. Forward programme

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HS2 Indicative Programme (Feb 2015)


ACTIVITY	2013				2014				2015				2016				2017				2018	2019-2026
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
Phase One																						
Bill programme																						
Hybrid Bill preparation																						
Bill submission to Parliament																						
Formal ES publication																						
Hybrid Bill Parliamentary process																						
Royal Assent																						
Documents																						
EMR general principles																						
Planning Memorandum																						
Environment Memorandum																						
Heritage Memorandum																						
Code of Construction Practice																						
Undertakings & Assurance register																						
Statutory Guidance																						
Con. arrangements class approval																						
Fee regulations																						
Delivery																						
NU established																						
Procurement																						
Design Development																						
Planning submissions																						
Construction																						


NB: Subject to change. Delivery dates dependent on Royal Assent

Document Route Map – Planning Forum (Feb 2015)

Title	Engagement	1 st Draft	2 nd Draft	3 rd Draft	4 th Draft	Final
Environmental Minimum Requirements						
General principles	NEF, Planning Forum	Autumn 2013	Nov 2013	May 2015	End of HoC	Royal Assent
Environmental Memorandum	NEF, Planning Forum	Autumn 2013	Nov 2013	May 2015	End of HoC	Royal Assent
Planning Memorandum	Planning Forum	Sept 2013	Nov 2013	April 2015	End of HoC	End of HoL Select Committee
Heritage Memorandum	EH and Planning Forum	Autumn 2013	Nov 2013	April 2015	End of HoC	Royal Assent
CoCP	NEF, Planning Forum	Autumn 2012/ May 2013	Bill deposit	June / July 2015	End of HoC	Royal Assent
U&As register	TBC	During parliamentary process				Royal Assent
Other						
Planning Regime (Principles)	Planning Forum	April 2013	Sch 16 of the Bill subject to petitions and Select Committee. Discussion on common issues – Planning Forum			Royal Assent
Statutory Guidance	Planning Forum	April 2013	July 2015		End of HoC	Post Royal Assent
Construction arrangements class approval	Planning Forum	July 2014	June 2015		End of HoC	Post Royal Assent
Pre-submission funding	Planning Forum	Agreement in principle -April 2014	Discussion on funding and mechanisms - Planning Forum			End of HoL Select Committee
Fee Regulation	TBC	TBC				Post Royal Assent*

*This does not preclude earlier discussion on additional funding, eg during the Bill process

 Action with LPAs

 Action with HS2/DfT

HS2 High Level Traffic Management Programme (Feb 2015)

ACTIVITY	2015	2016	2017
Parliamentary Select Committee	[Bar spanning Q1 2015 to Q2 2016]		
Bill progression	[Bar spanning Q3 2015 to Q4 2016]		
On-going Highways Sub Group Meetings	[Bar spanning Q1 2015 to Q4 2017]		
Route-wide Transport Management Plan	[Bar spanning Q1 2015 to Q4 2017]		
Informal discussions with stakeholders	[Bar: Q1 2015]		
Subject specific workshops	[Bar: Q1 2015]		
Drafting of Route-wide TMP	[Bar: Q1 2015 to Q3 2015]		
Consultation Route-wide TMP		[Bar: Q3 2015 to Q4 2015]	
Finalise Route-wide TMP		[Bar: Q4 2015 to Q1 2016]	
Highway notification and consent procedure agreed at HSG		[Bar: Q1 2016 to Q2 2016]	
Local Traffic Management Plans	[Bar spanning Q1 2015 to Q4 2017]		
Example LTMP contents - prepare and consult		[Bar: Q1 2016 to Q2 2016]	
Discuss LTMP areas with HSG		[Bar: Q1 2016 to Q2 2016]	
Draft LTMPs		[Bar: Q3 2015 to Q4 2015]	
Consultation of draft LTMPs		[Bar: Q1 2016 to Q4 2016]	
Finalise and issue LTMPs			[Bar: Q1 2017 to Q4 2017]
Local Traffic Liaison Groups	[Bar spanning Q1 2015 to Q4 2017]		
Finalise areas and TORs with HSG			[Bar: Q3 2016 to Q4 2016]
Establish Local TLG meetings attendance and frequency			[Bar: Q1 2017 to Q4 2017]
Develop Traffic Management Programmes			[Bar: Q1 2017 to Q4 2017]
Enabling works highway notifications and consents			[Bar: Q1 2017 to Q3 2017]
On-going highway notifications and consents			[Bar: Q1 2017 to Q4 2017]
Lorry Route Approvals	[Bar spanning Q1 2015 to Q4 2017]		
Discussions on Lorry Route Approvals		[Bar: Q1 2016 to Q4 2016]	
Develop draft consent packages for local roads			[Bar: Q3 2016 to Q4 2016]
Develop consent packages for local roads			[Bar: Q1 2017 to Q2 2017]
Agree consent packages for local roads			[Bar: Q3 2017 to Q4 2017]
Submit and approval			[Bar: Q4 2017]

Royal Assent (indicative)

NB: Programme is draft and subject to change

Highways Subgroup Forward Programme (Feb 2015)

2015	Phase One Planning Forum	Sub-group: Environmental Health	Sub group: Highways	Sub group: Heritage
February			25 th Draft CoCP – Section 14 Permanent Highways Maintenance Forward Programme	
March	4 th /5 th HS2/DfT feedback on draft Statutory Guidance LPA feedback on HS2/DfT response on Planning Memorandum	26 th Update on LEMP development	25 th Permanent Works Permanent Highways Maintenance	
April	22 nd /23 rd HS2/DfT feedback on CoCP and class approval Planning Memorandum – 3 rd Draft			20 th
May		TBC Update on LEMP development	6 th Local Traffic Management Plans Procedures for temporary works consultation, consent and notifications Protective Provisions Highway Conditions Surveys	
June	3 rd /4 th HS2/DfT feedback on CoCP and class approval General Principles – 3 rd Draft Environmental Memorandum – 3 rd Draft		17 th Technical Standards Feedback Permanent Works Signal Works Agreements	
July	15 th /16 th Code of Construction Practice – 3 rd Draft Class approval – 3 rd Draft		22 nd Route -Wide Transport Management Plan Early works (pre-Royal Assent) Works outside Act limits	
September	TBC		9 th Green Bridges Route Wide Traffic Management Plan	

6. Any other business

All attendees

HS2 - Highways Subgroup Webpage

- Webpages live
- Minutes uploaded once approved
- Materials uploaded following meetings
- Access via GOV.UK Planning Forum pages



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subgroup' link