

HS2 Phase One Planning Forum – Highways Subgroup

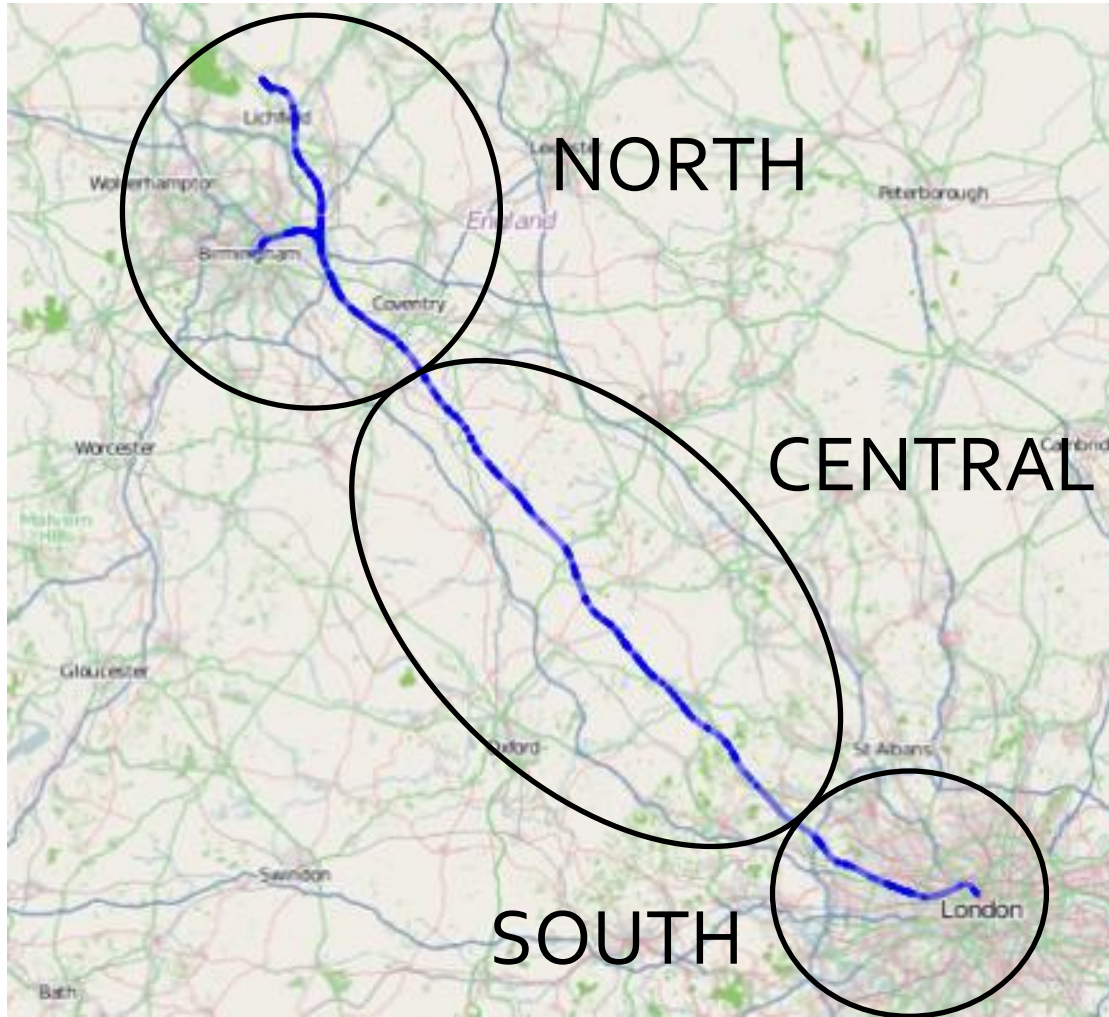
Meeting #10

14 October 2015

Direction signing to worksites

Emergency services

Police force	Fire service	Ambulance service trust	Air Ambulance service
Metropolitan	London	London	London
Hertfordshire	Hertfordshire	East of England	Herts
Thames Valley	Oxfordshire Buckinghamshire	South Central	Thames Valley and Chiltern
Northamptonshire	Northamptonshire	East Midlands	Warwickshire and Northamptonshire
Warwickshire	Warwickshire	West Midlands	
West Midlands	West Midlands		Midlands



Delivery sections, sectors, lots

North is shown as example:

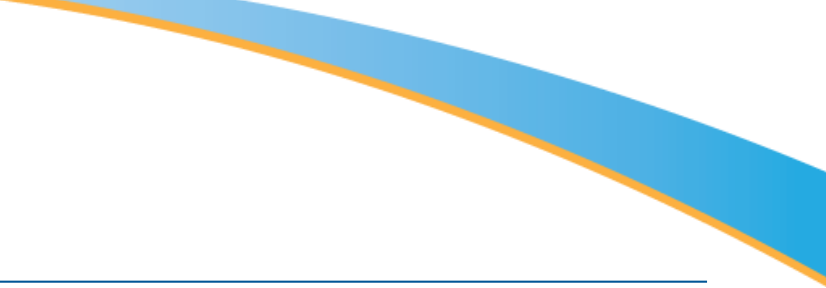
Delivery Area	Delivery Section	Delivery Sector	Delivery Lot
North (N)	Long Itchington Wood Tunnel South Portal to Delta Junction and Birmingham Spur (1)	Long Itchington Wood Tunnel South Portal to Birmingham Interchange Station (1)	Long Itchington Wood Tunnel (Mill Pond Embankment) (1)
			Ufton to Cubbington (2)
			Cubbington to Crackley (3)
			Crackley to Beechwood (4)
			Beechwood to Birmingham Interchange Station (5)
		Bromford Tunnel (2)	
	Birmingham Spur West (3)	Bromford Tunnel (1)	
		Washwood Heath (1)	
	Delta Junction to WCML Tie In (2)	Delta Junction (1)	Saltley & Duddeston (2)
			Delta Main Line (1)
			Birmingham Spur East (2)
			Coleshill & Leeds Spur (3)
			North Chord (4)
			Curborough (1)
			WCML Tie In (inc Manchester Spur) (2)
			Middleton to Drayton (1)
Curzon Street & Birmingham Interchange Stations (3)	Birmingham Curzon Street Station (1)	Hints (2)	
		Whittington (3)	
		Birmingham Curzon Street Station (1)	
		Euston Station Fit Out (1)	
Euston Station Fit Out (2)	Old Oak Common Fit Out (3)	Old Oak Common Fit Out (1)	
		Birmingham Interchange Station & People Mover Depot (1)	
Birmingham Interchange Station & People Mover Depot (4)	Birmingham Interchange Station & People Mover Depot (4)		

Delivery simplified

Delivery Area	Section	Sector	Lot
N	1	1	1
			2
			3
			4
			5
		1	
	2	3	1
			2
			1
		1	1
			2
			3
	2	2	1
			2
		3	1
			2
3	3	3	
		1	
		1	
		1	

Access numbering system

Delivery Area	Section	Sector	GATES
N	1	1	1 to n
		2	1 to n
		3	1 to n
	2	1	1 to n
		2	1 to n
		3	1 to n
	3	1	1 to n
		2	1 to n
		3	1 to n
		4	1 to n



Gates numbered in sequence
from se to nw
within each delivery sector

If necessary, unplanned new
gates will be provided with a
letter

Sign design



Junction signs



Site access signs

Examples – Olympic Park delivery



Examples – Olympic Park delivery



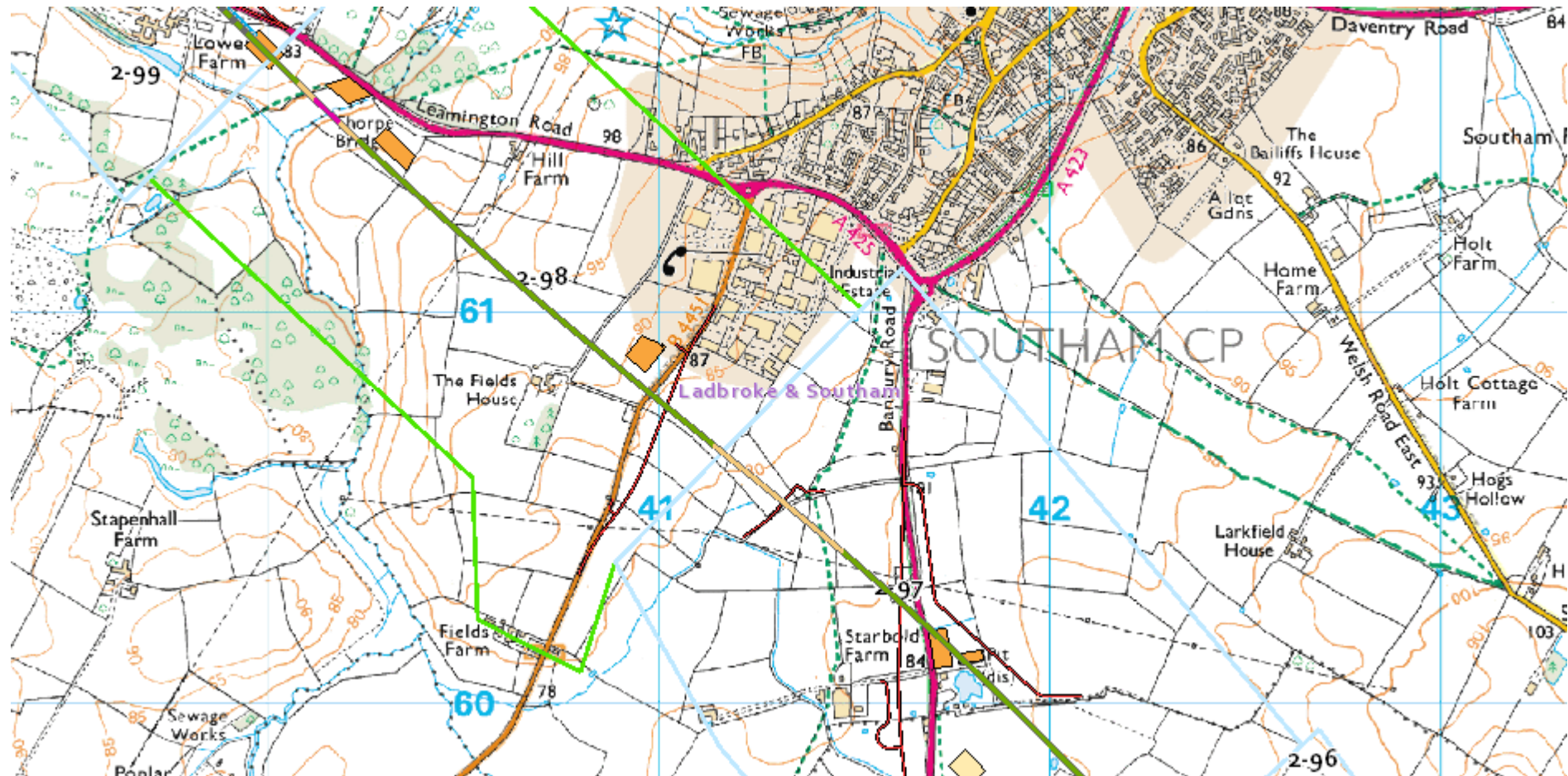
Examples – Olympic Park delivery



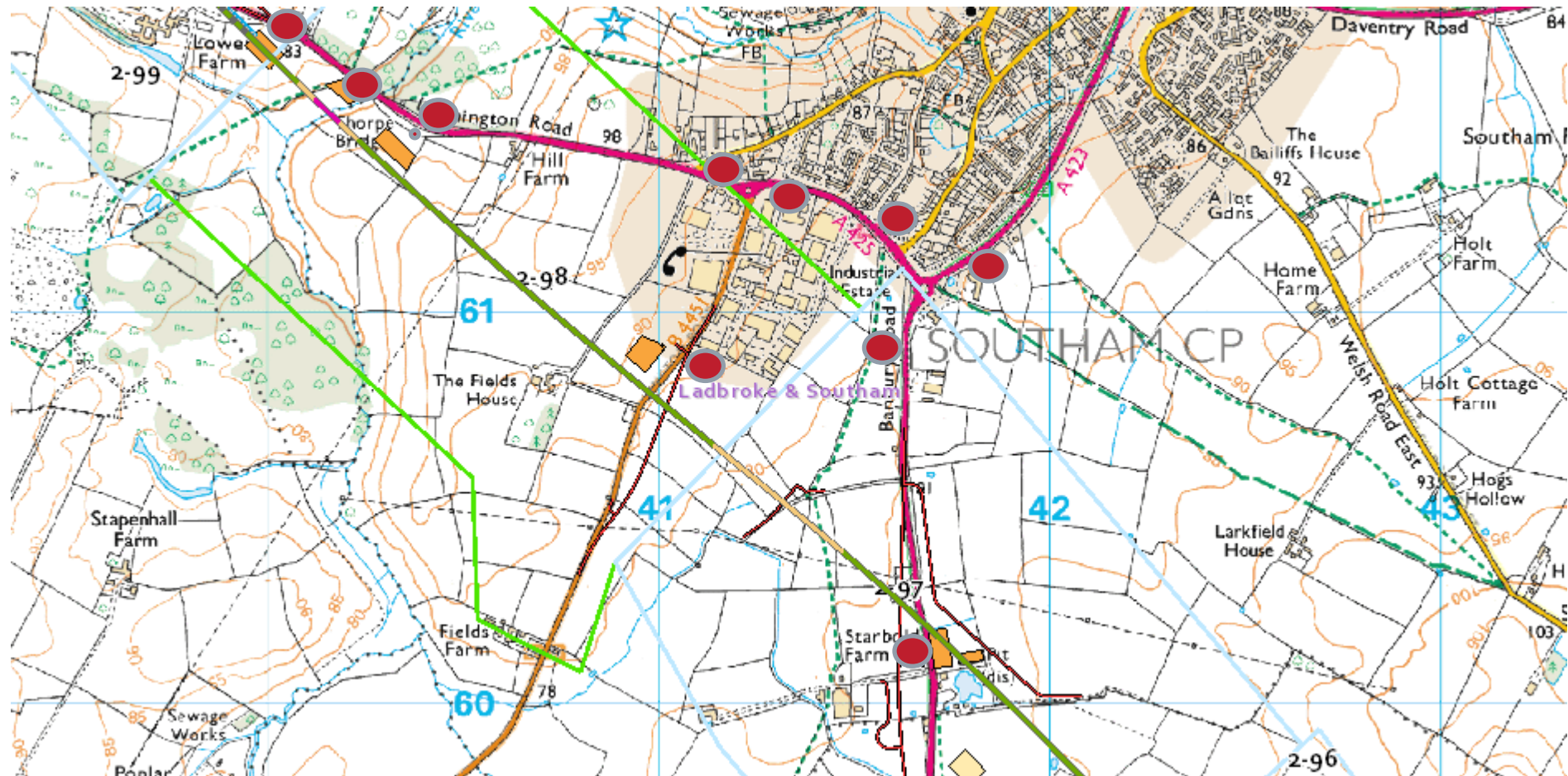
Examples – Olympic Park delivery



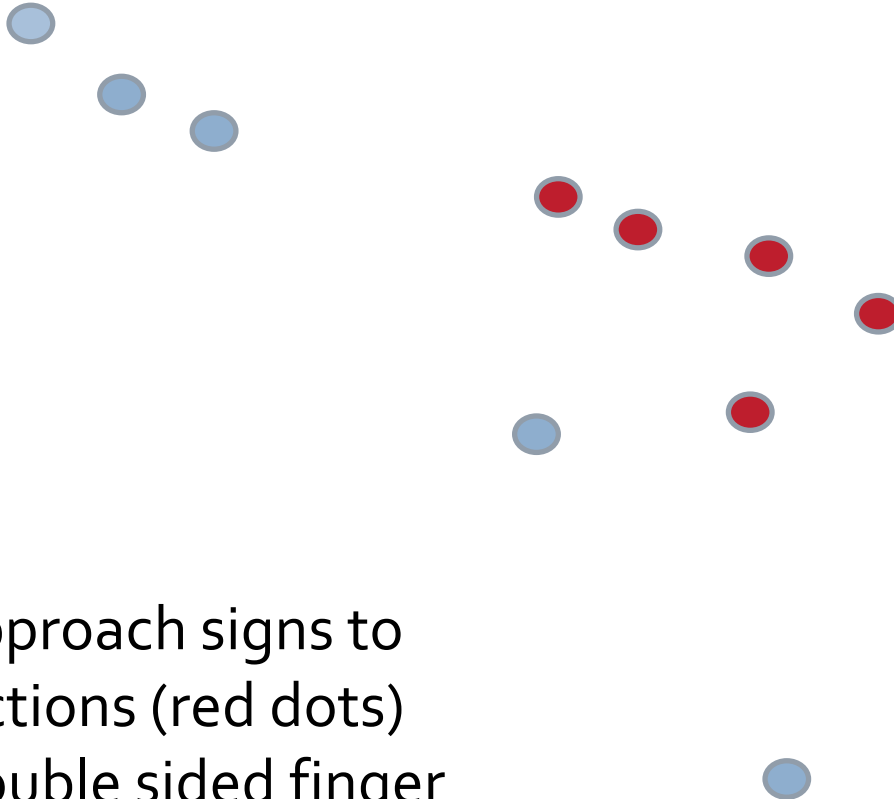
Typical worksites – indicative compounds



Typical worksites – signs



Typical worksites – signs



- 5 approach signs to junctions (red dots)
- 5 double sided finger post signs (blue dots)

Tier 1 contractor

- Design
- Consultation (TLGs)
- Submission (Schedule 4)
- Implement
- Maintain
- Updates
- Remove

Schedule of access points

Schedule for emergency services:

- Gate number
- Dates open or shut
- RVP location (s)
- Road names
- Routes to access site
- Grid reference point
- Contractor contact (s)

Route-wide Traffic Management Plan : consultation

Route-wide TMP

Consultees:

Transport for London	√
LB Camden	
City Westminster	
RB Kensington and Chelsea	
LB Hammersmith and Fulham	
LB Brent	
LB Ealing	
LB Hillingdon	
Highways England	√
Hertfordshire	√
Buckinghamshire	√
Slough	
Oxfordshire	√ (no additional comments)
Northamptonshire	√
Warwickshire	√
Solihull	
Birmingham	
Staffordshire	

Route-wide TMP

Consultees:

Emergency Services	Police - Met Police		
	Police - BTP		
	Fire - regional	√	Joint response
	Fire - London	√	
	Ambulance - national		
	Ambulance - London		
	Air Ambulance - national		

Route-wide TMP

Consultees:

Key Stakeholders	London Cycle Campaign	
	British Cycling	
	Living Streets	
	Noise Abatement Society	
	British Horse Society	
	British Motorcyclists Federation	√
	Motorcycle Action Group	
	SUSTRANS	
	CLOCS - Transport for London (Freight)	
	FORS - run by CILT	√ (AECOM)

Route-wide TMP

Consultees:

Freight Industry	Freight Transport Association	√
	Road Haulage Association	
Contractors	UK Contractors Group (now Build UK)	
	Construction Industry Council	
	Civil Engineering Contractors Association	
Regulators	Driver and Vehicle Standards Agency	
	Health and Safety Executive	
	Traffic Commissioners - SE	
	Traffic Commissioners - WM	

Route-wide TMP

Consultees:

Others	Driving for Better Business	
	Environment Agency	
	Cyclists Touring Club	√
	Ramblers Association	
	Canal and Rivers Trust	√
	CENTRO	
Other responses	Mineral Products Association	√

Route-wide TMP

HS2 Clarifications:

32 clarifications have been made by HS2 Limited

Revisions:

7 revisions arising from the HSG meeting in July 2015

Comments received:

Circa 300 other comments

Route-wide TMP

Comments received:

Out of the 300 other comments received, some 100 changes have been made.

Route-wide TMP

Key issues – Chapter 3 : Introduction

Still considering best options for LTMP areas – finalise later this year

Added section concerning purpose of liaison meetings with Traffic Police, DVSA, HSE and others to review vehicle and driver safety management.

Route-wide TMP

Key issues – Chapter 4 : Traffic Flow Management

Clarification on purpose and scope of ROMIS plans to be submitted alongside lorry route consent applications

Added clarification as to vehicles which will not require booking

Added note about contractor discussions concerning use of rail and water.

Route-wide TMP

Key issues – Chapter 5 : Safety and Environment

Of the 300 comments received, the word FORS appears in 14 responses and the word CLOCS appears in 29 responses

Route-wide TMP

Key issues – Chapter 5 : Safety and Environment

Revisions made to:

- clarify the option for using ISO39001
- clarify requirement for FORS or FOR-equivalent
- added the option for Van Excellence - under 3.5t
- clarify the required standards align with CLOCS

Retain the project's ability to introduce new requirements faster than the FORS/CLOCS governance.

Route-wide TMP

Key issues – Chapter 6 : Workforce Travel

Clarification that main works civil contractors normally to produce two travel plans:

- **Interim travel plan** pre-commencement
- **Full travel plan** following first survey of worker travel patterns

Route-wide TMP

Key issues – Chapter 6 : Workforce Travel

New section on parking around worksites and preventing workers parking on verges in rural areas.

Route-wide TMP

Key issues – Chapter 7 : Traffic Management

Clarification concerning updating temporary traffic management programmes.

Various updates concerning proposed standard clauses for highway works.

Update to include specific reference to fire access.

Route-wide TMP

Key issues – Chapter 7 : Traffic Management

Update to refer to contractors may seek temporary or permanent TROs to reduce speed limits around worksites.

New section concerning the taking over of any temporary works from enabling works contractor.

Route-wide TMP

Key issues – Chapter 8 : Highway Management

Clarification that Traffic Advice Notes may be categorised into “shall, should, may”

Note added regarding winter salting/gritting routes.

Added further requirements for working over or under railways or waterways.

Route-wide TMP

Next steps

- Responses and revisions to go through HS2 governance process
- Issue final 1st version
- Convert 1st version into the MWCC employer requirements

End 2016 - review against final CoCP – as necessary version 2 to be prepared early 2017.

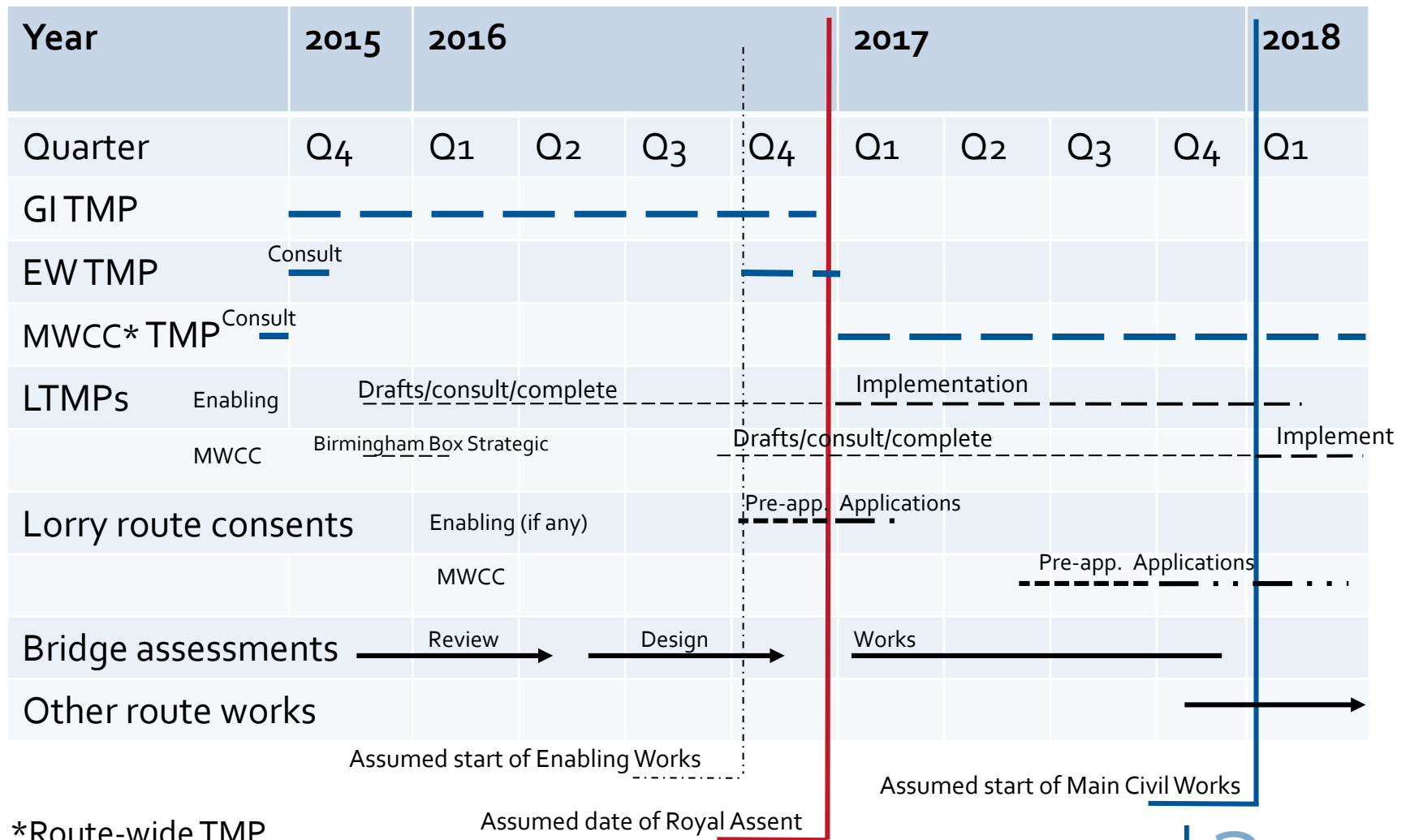
Route-wide TMP

RTMP scope not in the MWCC

- Booking system and management
- Vehicle flow and safety assurance
- Direction signing to worksites
- Other route-wide projects

Draft Traffic management programme

Draft Traffic management programme



*Route-wide TMP



Consents and Approvals Draft Approach

Richard Adam

Consents and Approvals – Draft Approach

- **Temporary** – covered by the Route-wide Traffic Management Plan (RTMP)
 - Already shared with the Highways Sub-group
 - To be finalised (as previously discussed)
- **Permanent** – planned to be covered by the '*Consents and Approvals Strategy – Permanent Highway Works*'
 - First draft nearly ready
 - Will be shared with the Highways Sub-group

Consents and Approvals Strategy Permanent Highway Works

Indicative contents:

1. Executive summary
2. Introduction
3. Objectives
4. Benefits
5. Principles
6. Strategies
7. Roles and responsibilities
8. Goals

2. Introduction

Document will cover:

- Both the period prior to Royal Assent and that following
- Consents and approvals under both legislative regimes, as applicable, i.e.
 - under the hybrid Bill (as enacted)
 - using the normal legislation relating to highways

3. Objectives

Five objectives:

- 1) Consistent approach
- 2) Streamlined process
- 3) Timely delivery
- 4) Avoiding conflicting stakeholder demands
- 5) Avoiding the need to refer disputes for determination

4. Benefits

Four benefits:

- 1) Benefits to HS2 Ltd
- 2) Benefits to highway authorities
- 3) Benefits to planning and drainage authorities
- 4) Benefits to the general public

5. Principles

Five principles

- 1) Partnership working
- 2) Pre-application discussion
- 3) Early identification and resolution of potential issues
- 4) Effective change management
- 5) Forward planning

6. Strategies

Strategies for each of seven stages

- 1) Initial engagement
- 2) Preliminary design
- 3) Hybrid Bill
- 4) Detailed design
- 5) Consent and approval applications
- 6) Certification
- 7) Operation and maintenance

7. Roles and Responsibilities

Roles and responsibilities of those (*potentially*) involved:

- 1) HS2 Ltd
- 2) Department for Transport
- 3) Highway authorities
- 4) Planning authorities
- 5) Drainage authorities
- 6) *Secretary of State for Transport*
- 7) *Persons appointed by the Secretary of State*
- 8) *Arbitrators*

8. Goals

- To help ensure that each phase of HS2 is delivered to the agreed programme...
- by obtaining the necessary highway consents and approvals in a timely manner...
- following ongoing engagement between HS2 Ltd and highway authorities...
 - through Highways Sub-group of the Planning Forum
 - by means of bilateral discussions

Measurement of success

Each phase of HS2 being delivered to the agreed programme





Forward Plan

Planning Forum Document Route Map – October 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	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	July 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

Highways Subgroup Route Map – October 2015

Title	July	Sept	Oct	Nov	Dec	Future
Permanent Works						
Highways Maintenance Agreement		Feedback on proposed draft agreement	Draft agreement review issued			For implementation post royal assent
Technical Standards		Presentation and issue of draft	Feedback from authorities	Feedback	Feedback	Finalised by royal assent
New Burdens Assessment – Highways Maintenance	Presentation on Initial findings	Feedback on discussion with sample authorities				Detailed work after royal assent when programme available
Consents and Approvals			Draft approach	Feedback	Likely Agenda item	Finalised by royal assent
Temporary Works						
Route-wide Traffic Management Plan	Presentation and first draft Issue	Presentation on Vehicle flow management and vehicle / driver safety management	Feedback from authorities		Final Draft	
Local Traffic Management Plan					Agenda item	Consult summer next year. Implemented post royal assent (ECI Contactor input)
Signals Works Agreements	Feedback on progress		Authorities Contacted by HS2			Agreement before royal assent
Methodology for Conditions Surveys				Agenda item		Agreement sought and implemented pre-construction
Enabling Works TMP		Draft issued		Feedback from authorities	Likely Agenda Item	

Action with Highways Authorities

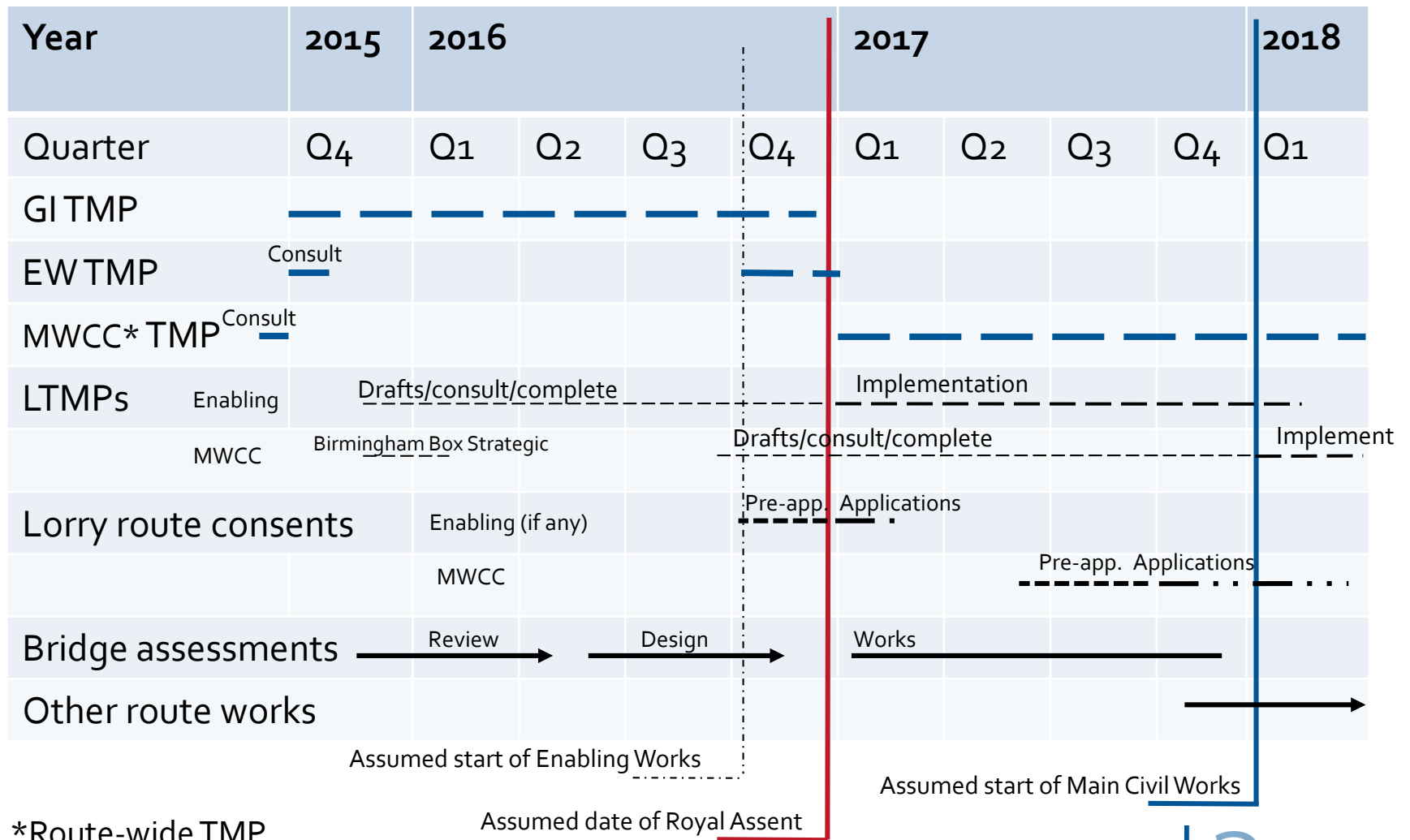


Action with HS2/DfT



Draft Traffic management programme

Draft Traffic management programme



*Route-wide TMP

Forward Programme – October 2015

HS2 Phase One Planning Forum	
	16 th / 17 th
Sept	<ul style="list-style-type: none"> • HS2/DfT feedback on LPA response on Planning Memorandum 3rd Draft • HS2/DfT Schedule 16 Statutory Guidance 2nd Draft • LPA feedback on General Principles 3rd Draft and Environmental Memorandum 3rd Draft
	28 th
Oct	<p>One meeting in London to introduce:</p> <ul style="list-style-type: none"> • Design Panel Chair • Residents Commissioner • Construction Director • HS2/DfT feedback on LPA response to General Principles 3rd Draft and Environmental Memorandum 3rd Draft • HS2/DfT Schedule 16 Statutory Guidance 2nd Draft
Nov	
	9 th / 10 th
Dec	<ul style="list-style-type: none"> • LPA feedback on Schedule 16 Statutory Guidance 2nd Draft • Community engagement
Jan 16	27 th / 28 th TBC

Forward Programme – October 2015

	Subgroup: Environmental Health	Subgroup: Highways	Subgroup: Heritage	Subgroup: Flood Risk and Drainage
Sept	<p>24th</p> <ul style="list-style-type: none"> • Introduction to construction, programme and consents • Noise – special cases update 	<p>8th Warwick</p> <ul style="list-style-type: none"> • Technical Standards • Vehicle flow management and vehicle / driver safety management • Highways maintenance agreement 	<p>9th</p> <ul style="list-style-type: none"> • HS2/DfT feedback on CoCP • Sch 17 Heritage Agreements • Environmental Min Requirements • Research matters 	
Oct		<p>14th Euston</p> <ul style="list-style-type: none"> • Route Wide Transport Management Plan feedback • Consents and approvals 		<p>7th</p> <ul style="list-style-type: none"> • Technical Standards • Water Consenting Strategy • Terms of Reference
Nov		<p>18th Warwick TBC</p> <ul style="list-style-type: none"> • Methodology for condition surveys • Technical standards feedback Pt1 • Green Bridges 		
Dec		<p>16th Euston TBC</p> <ul style="list-style-type: none"> • Local Traffic Management Plan • Technical Standards feedback Pt2 • Enabling works TMP feedback • Early works (pre-Royal Assent) Works outside Act limits 	<p>10th</p>	<p>TBC</p> <ul style="list-style-type: none"> • Consents workshop
Jan 16	<p>22nd</p>			