



Phase Two Proposed Scheme for Consultation GIS metadata note

Document No.: LMH-HS2-GI-DAT-000-000001

Revision	Author	Checked by	Approved by	Date	Reason for revision
P01	R Brown	C Lewis	M White	16 July 2013	Initial issue

Requirement	Data	
FOI / EIR		
Document type	Data sheet	
Employer's Acceptance		

Contents

	Page number
1 Proposed Scheme for Consultation – proposed route shapefiles.....	3
1.1 Shapefile attributes.....	3
2 Proposed Scheme for Consultation – proposed depot and station boundaries.....	4
2.1 Shapefile attributes.....	4
3 Disclaimer	5

1 Proposed Scheme for Consultation – proposed route shapefiles

The data represent the Phase Two proposed scheme as announced by the Secretary of State for Transport on 17 July 2013.

There are two shapefiles for each of the Manchester and Leeds proposed routes. One contains details of the proposed alignment formation and the other shapefile contains details of the design speed. Both shapefiles should be used in conjunction with each other.

The shapefiles are characterised by the below elements:

- A parameter (e.g. "Design Speed")
- A section number (e.g. HSMo3)
- A starting and finishing chainage (e.g. CH_START 9122, CH_END 10100)
- A block length, computed as a difference of the start and finish chainage (e.g. Shape_Length = 978).

Therefore, any element of the route can be described as in the following example: "design speed is 400kph on section HSMo3 between chainage 9122 and 10100, that accounting for a total length of 978m"

1.1 Shapefile attributes

The table below describes the attributes presented in both the alignment formation and speed shapefiles available.

Field Name	Description	Field Range
FOR_ENG	Formation characteristics of the DOWN Line	<ul style="list-style-type: none">- At Grade;- Cutting;- Embankment;- Bored Tunnel;- Cut & Cover Tunnel;- Green Tunnel;- Viaduct.
SUR_TUN	Surface or tunnel characteristic	<ul style="list-style-type: none">- Surface;- Tunnel.
SPEED_DES	Design speed of the DOWN Line	0 to 400 kph

2 Proposed Scheme for Consultation – proposed depot and station boundaries

The data represent the Phase Two proposed scheme information for the depots and stations as announced by the Secretary of State for Transport on 17 July 2013.

There are two shapefiles for each of the Manchester and Leeds proposed routes. One contains the operational boundaries for the proposed depots and the other shapefile contains the operational and construction boundaries for the proposed stations.

2.1 Shapefile attributes

The table below describes the attributes presented in both the depot and station shapefiles available.

Field Name	Description	Field Range
Name	Name of the site	N/A
Type (Depots only)	Type of depot	<ul style="list-style-type: none">- Infrastructure Maintenance Depot (IMD);- Rolling Stock Depot (RSD).
Boundary	Boundary represented	<ul style="list-style-type: none">- Operational;- Construction (Stations only).

3 Disclaimer

- These shapefiles reflect the alignment shown on the Plan and Profiles drawings. The mapping contained in the engineering reports is a simplified version of this data and has been used for **presentational purposes only**.
- The data is provided to you in ESRI ArcGIS format projected on British National Grid (OSGB 1936). If you translate the data to another format, you are responsible for ensuring that it is still presented in the correct projection. Failure to do so may result in incorrect or misleading information.
- This data is released under the Open Government Licence. See: <http://www.nationalarchives.gov.uk/doc/open-government-licence/>