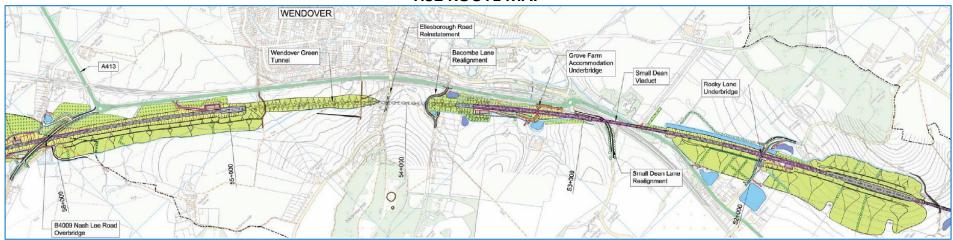
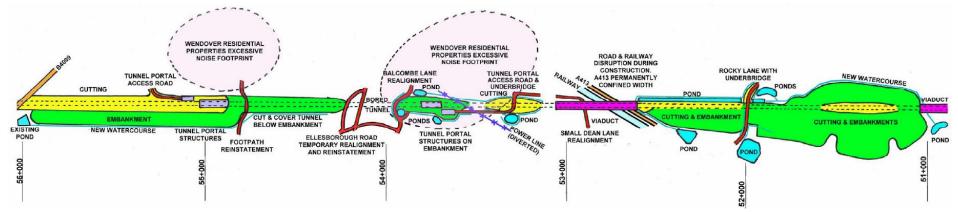
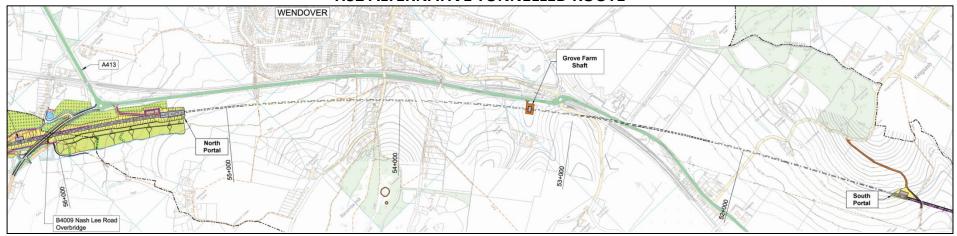
HS2 ROUTE MAP



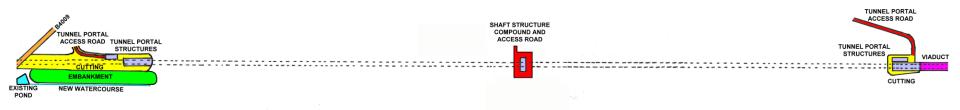
HS2 ROUTE - SIMPLIFIED TO SHOW MAIN FEATURES



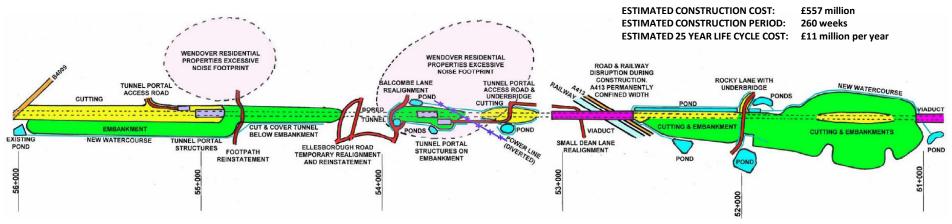
HS2 ALTERNATIVE TUNNELLED ROUTE



HS2 ALTERNATIVE ROUTE ENTIRELY IN TUNNEL – SIMPLIFIED TO SHOW MAIN FEATURES



HS2 ROUTE



HS2 ALTERNATIVE ROUTE ENTIRELY IN TUNNEL

ESTIMATED CONSTRUCTION COST: £233 million ESTIMATED CONSTRUCTION PERIOD: 156 weeks

ESTIMATED 25 YEAR LIFE CYCLE COST: £4.5 million per year

SHAFT STRUCTURE
COMPOUND AND
ACCESS ROAD

TUNNEL PORTAL
ACCESS ROAD

TUNNEL PORTAL
STRUCTURES
VIADUCT

CUTTING

EMBANKMENT

EXISTING
NEW WATERCOURSE

ESTIMATED CONSTRUCTION COSTS BASED ON:

"Rail Method of Measurement" (RMM) Volume 1 - Cost Planning, published by Network Rail in July 2014, end of 4th Quarter 2015. Prepared by mbpc Infrastructure Limited.

ESTIMATED CONSTRUCTION PERIOD BASED ON:

OTB Engineering Ltd, Report No. UK16035L R04. HS2 Phase 1 (London – West Midlands) Bill: Wendover Petition. Mined Tunnel Scheme Alternative.

January 2019.

ESTIMATED 25 YEAR LIFE CYCLE COST BASED ON: Standardized Method of Life Cycle Costing for Construction Procurement" - a supplement to BS ISO 156865-5 Buildings and constructed assets - Service life planning - Part 5: Life cycle costing - ISBN 978-0-580-62662-3 published in 2008 by BSI, 389 Chiswick High Road, London W4 4AL. Prepared by mbpc

Infrastructure Limited.