



Plan  
Scale 1:10,000 @ A1



Chainage	6+000	6+100	6+200	6+300	6+400	6+500	6+600	6+700	6+800	6+900	7+000	7+100	7+172
Horizontal Alignment	$R=8505.0m$ $L=2930.4m$												
Vertical Alignment	$L=2307.6m$ $G=-0.00\%$												
Existing Level	77.0	77.1	76.3	74.3	73.9	72.2	69.9	68.0	70.9	72.2	72.2	71.5	71.0
Proposed Track Level	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
Cut and Fill	-5.6	-5.7	-4.9	-2.9	-2.5	-0.8	+1.5	+3.4	+0.5	-0.8	-0.8	-0.1	+0.4
Maximum Speed	400 km/h												

Profile  
Scale H:1:10,000 V:1:1000 @ A1

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**Key Environmental Features Legend**

- World Heritage Site
- Ramsar
- Special Areas of Conservation
- Special Protection Areas
- SSSI
- National Nature Reserves
- Area of Outstanding Natural Beauty
- National Park
- Scheduled Monuments
- Registered Parks and Gardens
- Historical Battlefields
- Active and/or Authorised Landfill
- Historical Landfill
- Flood Zone 3

**Legend**

- Alignment Centreline
- Viaduct / Tunnel / Fully Retained Cutting
- Major Contour
- Minor Contour
- Node
- Retained structures will be used at depths of 15m or greater
- Railway Cutting
- Railway Embankment
- Highway Cutting
- Highway Embankment

Issue	Date	By	Chkd	Appd
P4	23.11.12	JA	RC	TW
P3	16.11.12	VS	RC	TW
P2	30.10.12	VS	RC	TW
P1	18.10.12	VS	RC	TW

Client

Job Title  
HS2 West Midlands to Manchester  
Initial Preferred Route  
December 2012

Scale at A1  
1:10000

Discipline  
Rail



Drawing Title  
Route HSM08  
Plan and Profile  
Sheet 2 of 2

Drawing Status  
-

Job No  
277592

Drawing No  
HS2-MSG-MR0-ZZ-DR-RT-60802

Issue  
P4