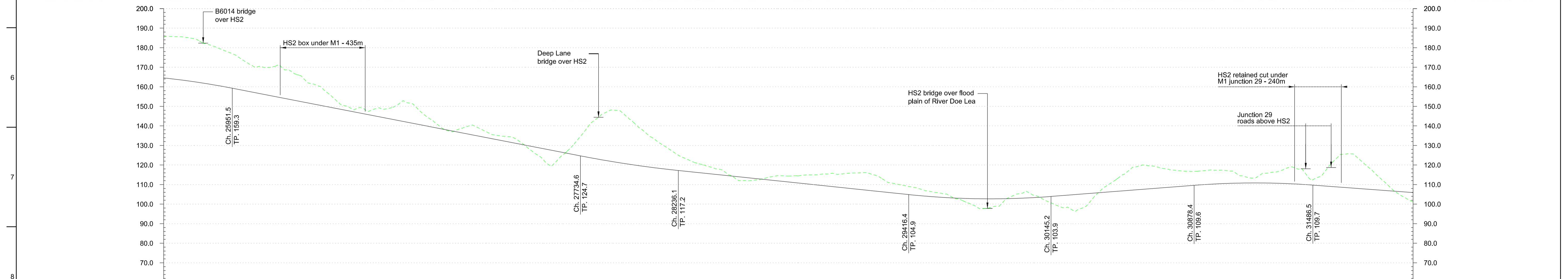


Plan
Scale 1:10000 @ A1



Profile
Scale H 1:10000 V 1:1000 @ A1

Chainage	25+600	25+700	25+800	25+900	26+000	26+100	26+200	26+300	26+400	26+500	26+600	26+700	26+800	26+900	27+000	27+100	27+200	27+300	27+400	27+500	27+600	27+700	27+800	27+900	28+000	28+100	28+200	28+300	28+400	28+500	28+600	28+700	28+800	28+900	29+000	29+100	29+200	29+300	29+400	29+500	29+600	29+700	29+800	29+900	30+000	30+100	30+200	30+300	30+400	30+500	30+600	30+700	30+800	30+900	31+000	31+100	31+200	31+300	31+400	31+500	31+600	31+700	31+800	31+900	32+000																																													
Horizontal Alignment	R=8250.0 L=3560.3										L=375.0										L=1963.0										L=375.0										R=8250.0 L=316.0										L=375.0										L=225.0										L=375.0										R=8250.0 L=730.0										L=375.0										L=259.6									
Vertical Alignment	L=1515.4 R=40000.0										L=1783.1 G=-1.94%										L=501.5 R=56000.0										L=1180.3 G=-1.04%										L=728.7 R=40000.0										L=733.2 G=0.78%										L=608.2 R=40000.0										L=1083.5 G=-0.74%																																							
Existing Ground Level	185.3	185.5	182.5	179.0	174.1	170.4	170.5	165.7	160.2	151.5	149.3	149.2	150.9	148.9	140.9	137.9	139.6	135.3	133.5	126.1	120.8	130.5	142.4	148.1	142.4	134.2	127.4	116.5	122.1	119.0	114.9	112.0	113.8	114.4	115.0	115.4	115.7	116.1	111.7	109.4	106.9	105.2	101.5	97.7	101.1	105.6	102.8	98.4	97.8	107.1	114.2	119.6	118.7	117.1	116.9	117.4	115.3	113.8	116.5	113.1	122.7	125.1	116.2	107.0	105.9	101.2																																												
Proposed Track Level	164.5	163.4	161.9	160.2	158.3	156.4	154.4	152.5	150.6	148.6	146.7	144.7	142.8	140.9	138.9	137.0	135.0	133.1	131.2	129.2	127.3	125.4	123.4	121.7	120.2	118.8	117.6	116.5	115.5	114.4	113.4	112.4	111.3	110.3	109.2	108.2	107.1	106.1	105.1	104.1	103.4	102.9	101.5	102.7	102.8	101.1	105.1	103.6	104.3	105.1	105.9	107.1	114.2	119.6	118.7	117.1	116.9	117.4	115.3	113.8	116.5	113.1	122.7	125.1	116.2	107.0	105.9	101.2																																										
Cut and Fill	-20.8	-22.1	-20.6	-18.8	-15.8	-14.0	-16.1	-13.2	-9.6	-2.9	-2.6	-4.5	-8.1	-8.0	-2.0	-0.9	-4.6	-2.2	-2.3	+3.1	+6.5	-5.1	-19.0	-26.4	-22.2	-15.4	-9.8	-5.6	-3.5	-0.5	+1.4	-1.4	-3.1	-4.7	-6.2	-7.5	-9.0	-5.6	-4.3	-2.8	-1.8	+1.4	+5.0	+1.7	-2.6	+0.8	+5.9	+7.3	-1.2	-7.5	-12.1	-10.5	-8.1	-7.1	-7.0	-4.6	-3.0	-5.8	-8.0	-3.5	-13.8	-17.0	-8.8	-0.3	+4.7																																													
Maximum Speed:	400km/h																																																																																																													

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Key Environmental Features Legend

- World Heritage Site
- Ramsar
- Special Areas of Conservation
- Special Protection Areas
- SSSI
- National Nature Reserve
- Area of Outstanding Natural Beauty
- National Park
- Scheduled Monument
- Registered Parks and Gardens
- Historical Battlefields
- Active and/or Authorised Landfill
- Historic Landfill
- Flood Risk Zones

Legend

- Alignment Centreline
- Viaduct / Tunnel / Retained Structure
- Major Contour
- Minor Contour
- Node
- Railway Cutting
- Railway Embankment
- Highway Cutting
- Highway Embankment

3.0	- /12/12	LK	MP	CL
2.0	- /12/12	LK	MP	CL
Issue	Date	By	Chkd	Appd

Client

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

Scale at A1
1:10000

Discipline
Rail

Drawing Title
Route HSL13
Plan and Profile
Sheet 5 of 7

Drawing Status

Drawing No
HS2-ARP-LR0-DR-RT-55135

Job No
214866-00

Issue
3.0