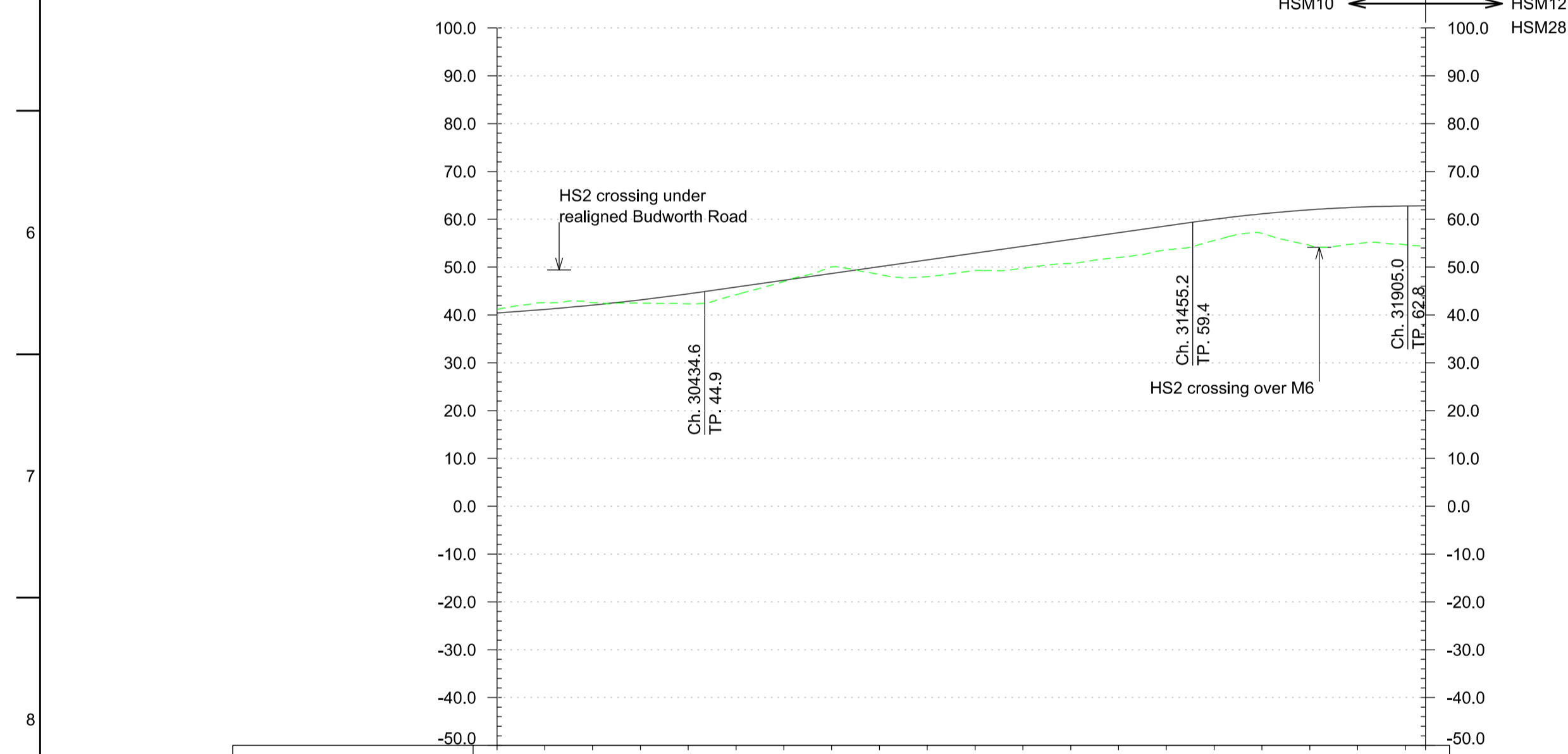


Plan
Scale 1:10,000 @ A1



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

Chainage	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+942
Horizontal Alignment	L=3112.0m																			
Vertical Alignment																				
Existing Level	41.2	42.6	42.6	42.5	42.3	44.2	47.0	50.1	48.5	48.0	49.3	49.7	50.8	52.0	53.6	55.6	57.1	54.5	54.9	54.7
Proposed Track Level	40.4	41.2	42.1	43.2	44.4	45.8	47.2	48.7	50.1	51.5	52.9	54.3	55.8	57.2	58.6	60.0	61.1	62.0	62.5	62.8
Cut and Fill	-0.8	-1.4	-0.5	+0.7	+2.1	+1.6	+0.2	-1.4	+1.6	+3.5	+3.6	+4.6	+5.0	+5.2	+5.0	+4.4	+4.0	+7.5	+7.6	+8.1
Maximum Speed	400 km/h																			

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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
- Railway Cutting
- Railway Embankment
- Highway Cutting
- Highway Embankment

Retained structures will be used at depths of 15m or greater

Issue	Date	By	Chkd	Appd
P4	23.11.12	JFF	RC	TW
P3	16.11.12	JFF	RC	TW
P2	30.10.12	AS	RC	TW
P1	19.10.12	AS	RC	TW

Client

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

Scale at A1
1:10000

Discipline
Rail

MOTT MACDONALD SCOTT WILSON GRIMSHAW

Drawing Title
Route HSM10
Plan and Profile
Sheet 6 of 6

Drawing Status
-

Job No
277592

Drawing No
HS2-MSG-MR0-ZZ-DR-RT-61006

Issue
P4